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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION.

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. JANUARY, 1943. No. 1.

GENERAL SUMMARY.

Mountain and northern stations generally reported temperatures below station normals, but elsewhere excesses were accumulated. As a result, the average for the State was 0.8° higher than that of December, 1942, and was only slightly below the January 56-year average. Highest temperatures of the month were reported by most stations about the 25th, although at some southeastern points, they occurred about the 16th. The extreme maximum was the highest for any January since 1932.

Precipitation was well distributed throughout the month but was generally in small amounts. Only scattered stations reported amounts in excess of their normals. Much of the precipitation fell in the form of snow. Traffic was retarded but no serious accidents were reported. Greatest amounts fell about the 28th, excepting at some western stations. Freezing rain was reported by most stations about the 2d and 17th. Forming a thin coating of ice on highways, it created hazardous road conditions which caused numerous minor accidents. An ice storm in Wayne County on the 18th and 19th did considerable damage to trees and power lines. Ice was reported to have formed on wires to a thickness of 3.25 inches. Sleet was reported on a number of days. Thunderstorms occurred at most stations about the 18th.

High winds were reported on several dates but the most damaging occurred about the 19th. In south-central counties, particularly, some property damage resulted when the wind blew down trees, felled electric wires, and damaged buildings.

G. W. S

TEMPERATURE.

The mean temperature for the State, as determined from the reports of 74 stations, was 28.2°, which is 0.1° below the 56-year normal for January. The highest monthly mean was 34.6° at Donora, Washington County, and the lowest was 19.5° at Montrose, Susquehanna County. Extremes ranged from a maximum of 73° at Greensburg, Westmoreland County, on the 25th, to a minimum of −12° at Coudersport, Potter County, on the 9th.

PRECIPITATION.

The average precipitation for the State, as determined from the observations at 188 stations, was 2.68 inches, which is 0.50 inch below the 56-year normal for January. The greatest monthly amount was 4.85 inches at Laurel Hill Tunnel, Westmoreland County, and the least was 0.93 inch at Erie, Erie County. The greatest amount recorded in any 24 consecutive hours was 1.88 inches at Philadelphia, Philadelphia County, on the 28th.

The average snowfall for the State was 15.5 inches, which is 5.0 inches above the 56-year normal. The greatest monthly snowfall was 33.0 inches at Johnstown, Cambria County. The greatest fall for any observational day was 15.0 inches at York Haven, York County, on the 29th.

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		No of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	23.2	61	−19	4.19	14.0	13	5	11	15
1889	29.4	68	−5	3.54	7.8	10	9	13	9
1890	37.5	77	−2	3.04	1.8	14	7	8	16
1891	30.5	64	−4	3.64	9.8	12	6	10	15
1892	26.2	66	−28	4.77	13.5	12	8	8	15
1893	19.0	57	−25	2.85	18.0	12	7	10	14
1894	32.8	65	−9	2.29	7.2	10	9	9	13
1895	24.2	58	−17	4.17	14.2	13	7	10	14
1896	27.6	60	−15	1.43	3.4	6	8	9	14
1897	25.6	74	−25	2.15	11.0	10	8	8	15
1898	30.7	67	−16	4.25	11.0	13	6	8	17
1899	26.6	66	−21	3.05	10.3	10	12	8	11
1900	29.8	63	−8	2.64	5.3	10	8	9	14
1901	29.1	59	−10	2.22	8.6	11	8	8	15
1902	25.6	58	−13	2.80	11.5	9	8	9	14
1903	26.9	68	−13	3.31	11.7	11	6	8	17
1904	20.0	66	−42	3.55	20.4	12	10	6	15
1905	23.8	69	−21	3.70	21.2	12	8	8	15
1906	35.0	85	−4	2.53	4.5	11	10	8	13
1907	30.0	75	−23	4.36	13.2	15	6	7	18
1908	28.4	59	−18	2.68	11.4	9	12	8	11
1909	31.2	72	−19	2.92	12.8	13	9	6	16
1910	27.2	56	−22	5.55	26.0	14	7	5	19
1911	31.6	70	−5	3.54	4.5	13	8	5	18
1912	18.6	57	−35	1.92	13.6	12	8	7	16
1913	36.5	65	3	4.95	4.5	16	9	6	16
1914	30.2	81	−27	3.37	11.7	11	7	7	17
1915	28.3	62	−26	5.56	14.7	13	10	6	15
1916	34.2	76	−12	2.42	1.8	12	9	8	14
1917	27.9	69	−18	3.60	4.2	13	11	8	12
1918	16.2	57	−29	3.51	25.2	12	10	8	13
1919	32.0	64	−15	2.53	6.2	8	14	8	9
1920	20.9	59	−23	2.47	10.0	10	9	8	14
1921	31.0	63	−13	2.58	4.4	10	12	7	12
1922	25.0	62	−19	2.26	16.0	8	14	7	10
1923	29.1	62	−17	4.26	17.6	14	6	6	19
1924	28.1	65	−13	4.34	3.6	8	11	8	12
1925	25.2	55	−29	3.53	29.4	10	11	7	13
1926	27.8	66	−19	2.80	10.5	11	9	9	13
1927	27.4	61	−24	2.90	5.7	13	9	6	16
1928	29.8	65	−23	2.08	6.8	9	12	8	11
1929	27.3	73	−20	3.37	7.6	12	9	9	13
1930	29.2	72	−24	2.25	8.4	12	8	8	15
1931	30.0	65	−12	1.46	4.4	7	12	9	10
1932	40.5	79	9	4.51	1.3	14	7	6	18
1933	37.0	71	−6	2.00	1.9	8	12	7	12
1934	32.2	67	−19	2.54	2.3	11	8	8	15
1935	27.5	72	−23	3.08	13.5	11	11	6	14
1936	23.6	59	−30	4.21	19.4	14	8	7	16
1937	36.7	71	5	6.36	4.3	16	5	7	19
1938	28.9	66	−20	2.51	5.1	12	8	7	16
1939	30.3	69	−18	3.14	15.2	13	8	7	16
1940	19.3	56	−16	1.41	8.4	10	9	7	15
1941	27.9	58	−10	2.62	14.6	13	7	6	18
1942	27.3	64	−30	1.86	7.6	8	11	7	13
1943	28.2	73	−12	2.68	15.5	14	5	7	19
Period	28.3	85	−42	3.18	10.5	11	9	8	14

Climatological Data for January, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	29.3	+0.2	54	16	12	20†	3.17	−0.42	1.28	28	9.9	11	10	7	14	e.	Allent'n-Bethlehem Gas Co.
Altoona(near)	Blair	1,615	56	27.2	−0.3	62	25	1	20	4.51	+1.51	0.58	27–28	28.3	20	6	8	17	e.	City of Altoona.
Bedford	Bedford	1,120	11	31.8	+0.5	67	25	5	14	3.26	+0.17	1.00	§§	19.5	12	5	1	25	sw.	Charles C. Lee.
Bethlehem	Northampton	364	57	28.6	−2.0	56	16	11	20	2.13	−1.32	0.80	18–19	10.7	13	5	3	23	nw.	Lehigh University.
Burnt Cabins(near)	Huntingdon	990	2	28.7	.....	62	25	3	14	1.75	.....	0.70	28	18.0	10	4	5	22	nw.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	74	30.9	+2.2	53	25	7	14	3.18	0.00	1.34	28	23.5	14	10	5	16	sw.	Clarence E. Miller.
Chambersburg	Franklin	600	46	31.2	+1.4	62	25	10	14†	2.74	−0.24	1.00	28–29	17.4	12	5	10	16	ne.	William B Spear.
Coatesville	Chester	431	56	30.4	+0.1	56	16	11	14	3.24	−0.72	1.60	28	7.1	11	2	6	23	nw.	Howard L. Pyle.
Curwensville (near)	Clearfield	2,215	1	22.8	.....	53	25	−2	20	3.71	.....	0.62	28–29	.....	21	.....	.....	.....	.....	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	2	20.2	.....	43	25	−3	22†	2.75	.....	0.62	28	22.5	12	4	10	17	ne.	Carl E. Bigger.
Emporium	Cameron	1,033	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ephrata	Lancaster	365	46	31.2	+0.8	56	16	11	14	2.33	−0.74	1.22	28	8.4	12	5	8	18	n.	Ira J. Keath.
Freeland	Luzerne	1,970	50	.....	.....	54	25	0	20	2.70	−0.54	1.17	27	25.5	13	0	1	30	w.	Andrew B. Evansha.
George School	Bucks	184	37	30.9	−0.4	58	16	10	14	2.78	−0.97	1.16	27–28	7.7	12	14	10	7	n.	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	32.1	+2.0	58	16	11	14†	2.40	−0.93	1.05	28	17.0	12	7	10	14	w.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	27.2	+0.2	55	16	1	9	2.24	−1.53	0.70	17–18	16.5	12	6	6	19	w.	Miss Sallie M. Johnson.
Hanover	York	600	39	31.0	−1.8	64	25	12	20†	2.99	−0.16	1.40	28	17.8	15	10	4	17	s.	Evening Sun.
Harrisburg Airport	York	351	74	30.8	+1.8	55	25	13	14†	2.33	−0.76	0.97	28	17.8	14	4	6	21	nw.	U. S. Weather Bureau.
Hawley	Wayne	900	25	24.6	−0.7	51	16	−7	9	2.87	+0.23	1.10	28–29	23.3	14	8	9	14	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	28	31.7	0.0	57	16	15	14	2.59	−0.41	1.18	28–29	12.0	15	6	7	18	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	56	28.8	−0.1	54	25	7	15	2.71	−0.49	0.68	18–19	14.4	16	3	8	20	e.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	31.6	+1.5	59	16	9	14	2.26	−0.93	1.05	28	8.5	13	9	13	9	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	25.2	−0.1	54	16	−4	9	1.76	−0.21	0.50	21–22	10.0	8	1	13	17	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	29.2	0.0	57	16	10	14†	2.44	−0.90	0.98	28	14.7	13	11	6	14	ne.	Lebanon Valley Gas Co.
Lewistown	Mifflin	557	53	26.4	−1.8	45	24†	1	9†	2.32	−0.82	0.64	18–19	13.5	11	2	3	26	.....	Penna. Edison Co.
Lock Haven	Clinton	12	17	34.0	−1.3	59	16	16	20	2.29	−0.99	0.73	28–29	5.6	10	14	5	12	sw.	William R. Kelley.
Marcus Hook	Delaware	1,493	1	27.4	.....	62	25	5	20	3.81	.....	1.19	18–19	.....	16	.....	.....	.....	.....	Sun Oil Co.
Martinsburg	Blair	1,176	38	19.5	−3.8	45	16	−7	10	2.09	−0.36	0.73	28–29	27.3	14	9	3	19	n.	Civil Aeronautics Authority
Montrose	Susquehanna	1,914	2	21.8	.....	54	25	0	9	3.79	.....	1.74	28–29	23.1	18	4	11	16	nw.	Harry S. Fancher.
Mt. Pocono	Monroe	610	5	25.6	.....	45	25	0	9	2.34	.....	0.87	28	15.0	9	6	9	16	nw.	U. S. Weather Bureau.
Orangeville††	Columbia	455	25	29.4	+0.2	55	16	9	9	2.74	+0.37	1.20	28	16.0	10	6	5	20	ne.	Benjamin F. Conner.
Palmerton	Carbon	10	2	31.8	+0.7	56	16	15	20	3.25	−0.05	1.64	28–29	2.3	12	3	11	17	ne.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	1,916	2	23.0	.....	58	25	−10	9	2.93	.....	0.76	28	25.1	19	2	4	25	se.	U. S. Weather Bureau.
Philipsburg	Centre	100	33	33.7	+2.8	60	16†	8	14	3.42	−0.21	1.35	28	5.1	12	7	14	10	w.	Phila.-Suburban Water Co.
Phoenixville	Chester	407	5	29.1	+0.2	54	16†	8	9	3.05	−0.47	1.20	28–29	17.5	10	12	13	6	n.	Earl E. Rarick.
Port Clinton	Schuylkill	480	58	28.2	+1.4	54	16	8	20†	2.96	−0.86	1.36	28	10.8	11	7	13	11	nw.	John E. Benner.
Quakertown	Bucks	273	73	31.4	+0.2	57	16	12	20	2.46	−1.11	1.26	28	12.5	12	5	9	17	n.	U. S. Weather Bureau.
Reading	Berks	746	49	25.9	−0.7	46	16	4	22	2.11	−0.92	0.70	29	13.3	12	3	8	20	n.	U. S. Weather Bureau.
Scranton	Lackawanna	476	53	27.8	−1.1	49	16	1	9	3.30	+0.28	0.77	28–29	19.0	15	14	3	14	w.	Dr. George E. Fisher.
Selinsgrove	Snyder	1,217	59	26.8	−0.1	54	25	3	9	2.09	−0.99	0.58	15–16	13.9	16	1	14	16	ne.	Penna. State College.
State College	Centre	440	29	28.6	+1.4	53	16†	5	9	2.84	−0.54	1.22	28	11.9	14	2	9	20	n.	Metropolitan Edison Co.
Stroudsburg	Monroe	754	49	25.5	−0.3	52	16	−1	9	1.57	−0.57	0.56	28	14.0	12	4	13	14	e.	Mrs. M. Ordelia Parks.
Towanda	Bradford	1,319	73	22.6	−1.6	51	16†	−10	10	1.30	−0.97	0.37	28	13.0	10	7	15	9	s.	M. S. Bliss.
Wellsboro	Tioga	440	94	30.8	+0.2	54	25	12	20	2.63	−1.19	1.32	28	5.9	12	7	10	14	nw.	Clyde T. Saylor.
West Chester	Chester	544	5	26.3[d]	.....	45[d]	16†	6[d]	22	§	.....	0.44	19	§	§	2	4	25	n.	U. S. Communication Sta.
Wilkes-Barre	Luzerne	550	57	28.4	+0.7	44	25†	6	9	1.98	−0.98	0.80	28	§	13	3	14	14	w	John D. McEwen.
Williamsport	Lycoming	1,275	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Williamstown	Dauphin	2,208	2	22.2	.....	52	25	−1	20	2.89	.....	1.00	28–29	.....	18	.....	.....	.....	.....	U. S. Weather Bureau.
Woodward(near)	Centre	400	55	32.6	+2.3	62	25	10	14	2.52	−0.55	1.21	28–29	18.0	15	8	11	12	nw.	York Water Co.
York	York																			
Division mean				28.2	−0.1	67	25	−10	9†	2.74	−0.44	1.88	28	15.1	13	6	8	17	nw.	
Ohio Drainage																				
Bradford	McKean	1,680	2	23.4	.....	52	25	−7	9	2.46	−1.16	0.74	3–4	16.9	14	1	5	25	e.	City Water Dept.
Brookville	Jefferson	1,400	53	26.0	+1.3	56	25	2	20	1.97	−1.26	0.54	3–4	.....	19	1	6	24	ne.	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	29.6	+0.2	61	24	3	20	1.87	−1.36	0.59	17–18	17.5	16	2	12	17	w.	Butler Eagle.
Claysville	Washington	1,170	38	29.1	−2.0	68	24	1	21	2.38	−0.87	0.38	16–17	12.5	16	5	13	13	s.	Walter B. Paget.
Coudersport	Potter	1,653	16	23.8	−0.9	51	26	−12	9	2.60	−0.48	0.50	3–4	18.1	19	4	5	22	sw.	Philip R. Shaw.
Derry	Westmoreland	1,150	46	32.4	+1.8	67	25	5	20	3.43	+0.45	0.60	28–29	19.4	17	5	7	19	w.	Miss N. Dixie Wineman.
Donora	Washington	761	17	34.6	+0.5	71	24	7	20	2.46	−0.26	0.50	28	10.1	15	0	1	30	w.	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	25.8	−0.1	62	25	0	20†	3.80	+0.21	1.00	2–3	18.8	19	2	4	25	sw.	Miss. Emma H. Eastman.
Edinboro	Erie	1,220	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Franklin	Venango	987	69	26.8[b]	+0.3	55[b]	24	2[b]	20	1.77	−1.65	0.52	3–4	14.5	16	4	6	21	w.	William K. Fuller.
Greensburg	Westmoreland	1,160	34	32.2	+1.1	73	25	5	20	3.60	+0.17	0.92	28	23.8	18	1	7	23	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	42	29.5	+0.2	62	25	2	20	2.83	−0.93	0.63	18–19	14.5	16	2	5	24	sw.	Indiana State Teachers Col.
Johnstown	Cambria	1,650	61	30.0	−0.3	63	25	2	20	3.83	−0.49	1.04	28	33.0	19	3	9	19	s.	Robert Tross.
Kane	McKean	1,938	10	21.5	−2.1	52	25	−6	20	2.26	−0.71	0.33	4–5	14.1	20	1	7	23	sw.	U. S. Weather Bureau.
Meadville	Crawford	1,065	49	24.4	−1.1	50	24	−1	9†	2.19	−1.15	0.67	3–4	21.0	19	2	4	25	sw.	City of Meadville.
Midland	Beaver	780	6	31.6	.....	61	25	6	20	2.17	.....	0.47	3–4	7.7	16	2	6	23	.....	Perry B. Campbell.
New Castle	Lawrence	900	63	30.0	+1.9	59	25	4	13†	1.86	−1.34	0.35	3–4	8.7	20	0	12	19	nw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	30.6	+1.3	65	24	4	20	2.93	−0.12	0.81	28	14.3	24	1	1	29	s.	U. S. Weather Bureau.
Pymatuning Dam	Crawford	1,050	2	23.6	.....	51	24	−3	13	1.69	.....	0.49	4	.....	14	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1,371	36	24.0	−1.2	57	25	−5	9	2.29	−0.86	0.44	3–4	9.5	16	2	5	24	s.	West Penn Power Co.
Sharon	Mercer	940	30	27.8	−0.5	57	24†	0	20	2.01	−0.71	0.66	3	6.0	17	16	10	5	.....	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,190	76	29.3	+2.6	65	25	−3	14	4.03	+0.80	1.04	26–27	28.1	16	1	4	26	sw.	D. L. Grove.
Springs	Somerset	2,500	26	28.2	+1.5	63	25	−2	20	3.99	−0.15	1.06	26	22.3	18	2	5	24	w.	Allen E. Yoder.
Uniontown	Fayette	1,060	55	34.4	+1.8	70	24	6	20	3.49	−0.21	1.10	26–27	16.0	15	6	13	12	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	29	32.1	+1.2	64	24†	6	20	1.86	−1.37	0.36	28	§	14	7	9	15	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	54	25.1	−0.7	52	24	0	9	2.73	−0.24	0.79	3–4	18.6	18	4	2	25	w.	Harold L Johnson.
Waynesburg	Greene	1,100	12	32.7	−0.7	69	24	4	20	2.41	−0.97	0.54	26	14.3	11	3	5	23	sw.	Thomas S Knox.
Division mean				28.4	+0.1	73	25	−12	9	2.65	−0.53	1.04	27†	16.5	17	3	7	21	sw.	
Lake Drainage																				
Erie	Erie	670	70	25.8	−1.0	55	25	6	20	0.93	−1.84	0.60	3–4	7.5	7	2	7	22	ne.	U. S. Weather Bureau.
State mean‖				28.2	−0.1	73	25	−12	9	2.68	−0.50	1.88	28	15.5	14	5	7	19	nw.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. // Total partially estimated. * Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, [a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., missing from the record. ‖ From all available records.

§§ 26–27†

†† Formerly Bloomsburg [near]

551.05
UNP
1943-48

Daily Precipitation for January, 1943

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																															
Delaware Basin																															
UPPER DELAWARE																															
Dingmans Ferry[2]	Pike	....	.05	....	.03	....	....	....	....	....	....	....	....	....	....	T.	.10	....	T.	.66	.29	....	....	....	....	....	....	.25	.14	1.30	....	.16	2.98
Hawley[2]	Wayne	....	.14	.03	.17	.04	T.	T.	....	....	....	....	....	....	.04	T.	.11	.07	.08	.63	.09	....	T.	....	....	....	....	.12	....	1.10	.02	.23	2.87
Hollisterville[2]	Wayne	....	.14	.16	07	.07	T.	T.	....	....	T.	T.	....	.03	....	.04	.07	.14	.06	.65	.19	....	....	....	T.	....	....	.11	....	1.08	.01	.27	3.09
Lakeville[2]	Wayne	T.	.16	T.	.19	T.	....	....	....	....	....	T.	....	....	....	T.	.16	.10	.16	.69	.15	T.	....	....	....	....	....	.05	....	1.20	T.	.16	3.02
Matamoras[2]	Pike	....	.12	....	.17	....	....	....	....	....	....	....	....	....	....	.06	.11	....	.07	.53	.22	....	....	....	....	....	....	.37	....	1.36	.04	.15	3.20
Mount Pocono[5]	Monroe	.02	.12	.02	.19	T.	.03	T.	....	....	T.	....	T.	T.	.12	.02	.11	.04	.34	.31	....	.05	....	T.	....	T.	.47	.08	1.72	.02	.12	.01	3.79
Pleasant Mount‡	Wayne	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stroudsburg	Monroe	T.	*	.02	.10	....	....	....	....	....	....	....	T.	....	....	T.	.06	.06	.48	.45	....	T.	....	....	....	....	.01	.15	.17	.96	.26	.05	.07	2.84
Tanners Falls‡	Wayne	.06	....	.02	.18	....	....	....	....	....	....	....	.03	....	.05	*	*	.33	.17	.58	....	....	....	....	....	....	....	.03	....	.76	....	.29	....	2.60
LEHIGH																															
Allentown[2]	Lehigh	....	....	T.	.09	T.	T.	....	.01	....	....	T.	....	T.	....	T.	.04	.09	.07	.61	.16	....	T.	....	....	T.	T.	.47	.20	1.28	T.	.15	3.17
Bethlehem‡	Northampton	.01	T.	....	.04	.03	....	....	T.	....	T.	....	T.	....	.01	.01	.12	.15	.40	.41	....	....	....	....	....	T.	.08	.22	.52	....	.13	....	2.13
Blakeslee Corners‡	Monroe	....	.10	*	.10	....	....	....	....	....	....	....	....	....	.06	.01	.13	.10	.46	....	....	....	....	....	....	....	....	.30	.07	.68	....	.04	.02	2.07
Gouldsboro[2]	Wayne	....	.10	.12	.08	.10	.03	....	....	....	....	....	.02	....	....	.10	.13	.04	.10	.55	....	....	....	....	....	.04	.40	.10	*	.84	....	.12	2.87
Lansford[2]	Carbon	....	....	.15	.06	.03	.05	....	T.	....	....	T.	....	....	....	.09	T.	*	.26	.52	.15	....	....	....	....	....	T.	.49	.09	.90	.04	....	2.83
Mauch Chunk	Carbon	T.	.05	.03	.05	T.	....	....	T.	....	....	....	T.	....	....	.07	.07	.14	.45	.35	....	T.	....	T.	....	T.	.22	.21	.64	.66	.10	.08	3.12
Merwinsburg[2]	Monroe	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
New Tripoli	Lehigh	....	T.	T.	.12	T.	T.	....	.02	....	T.	....	.03	....	....	.02	.03	.12	.59	.51	....	....	....	....	....	....	.11	.15	1.55	T.	.11	.01	3.37
Palmerton‡	Carbon	T.	.01	....	.10	T.	....	....	....	....	....	....	T.	....	T.	....	.08	.03	.65	.39	....	....	....	....	....	T.	.21	.04	1.20	....	.03	....	2.74
Zionsville	Lehigh	....	....	T.	.03	....	....	....	....	....	....	....	....	....	....	.33	.01	.43	.50	....	....	....	....	....	....	....	.02	.80	.78	....	.34	.09	3.33
SCHUYLKILL																															
Conshohocken	Montgomery	....	....	....	T.	T.	T.	....	....	....	....	....	....	....	.02	T.	....	.18	.09	.03	....	....	....	....	....	....	.92	.23	.41	.08	.34	.16	2.46
Fredericksville[2]	Berks	....	T.	T.	.04	T.	T.	....	.01	....	....	....	T.	....	....	T.	.04	.03	.09	.52	T.	....	T.	....	T.	....	T.	.34	.29	.93	T.	.11	2.40
Freeland[2]	Luzerne	....	.01	T.	.13	.08	T.	T.	....	....	....	T.	....	.05	....	.08	.08	.13	....	.45	.08	....	....	....	....	....	....	1.00	.17	.30	.14	T.	2.70
Gratersford[2]	Montgomery	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	.09	.17	.72	.39	.12	....	....	....	....	....	....	.14	.23	.10	.63	....	.09	2.68
Phoenixville[2]	Chester	....	.06	....	.05	T.	T.	....	T.	....	....	T.	....	....	....	T.	.05	.01	.25	.84	.12	....	....	....	....	....	....	.03	.31	.20	1.35	T.	.15	3.42
Port Clinton	Schuylkill	....	T.	T.	.12	....	....	....	.05	....	....	T.	....	....	T.	....	.05	.18	.62	.33	....	....	....	....	....	....	.10	.40	.90	.30	T.	....	3.05
Pottstown[2]	Montgomery	....	.02	....	.06	....	....	....	T.	....	....	T.	....	....	....	....	.08	.03	.11	.40	.12	....	....	....	....	....	.01	.33	.28	1.08	T.	.10	2.62
Pottsville[2]	Schuylkill	....	....	T.	.12	T.	....	....	T.	....	....	T.	....	T.	....	.06	.05	.12	.10	.48	.04	....	....	....	....	....	T.	.22	.20	1.20	T.	.22	2.81
Reading‡[1]	Berks	T.	....	T.	.04	T.	....	.02	.01	....	.01	....	T.	....	....	....	.02	.12	.31	.24	....	....	....	....	....	T.	.22	.17	1.26	....	.04	....	2.46
Wernersville[2]	Berks	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
LOWER DELAWARE																															
Coatesville	Chester	.05	....	....	.01	....	....	....	.03	....	....	.03	....	....	....	....	....	.30	.23	.57	....	....	....	....	....	....	.13	.14	1.60	....	.15	....	3.24
Doylestown	Bucks	....	T.	....	.05	....	....	....	T.	....	....	....	....	....	....	T.	.08	.02	.37	.52	....	....	....	....	....	T.	.09	.10	1.31	.02	.09	T.	2.65
George School	Bucks	....	.01	....	.01	....	....	....	T.	....	....	....	....	....	....	....	.03	.04	.43	.40	....	....	....	....	....	....	.09	.24	1.16	.21	.06	.10	2.78
Marcus Hook[2]	Delaware	....	.07	....	.04	T.	T.	....	.03	T.	....	....	....	....	....	T.	T.	.40	.50	*	....	....	....	....	....	....	....	.33	.05	.73	....	.14	2.29
Philadelphia Airport Station[1]	Philadelphia	.05	....	T.	.03	T.	....	T.	.02	....	....	....	....	....	T.	T.	.02	.19	.31	.63	....	....	....	....	....	T.	.03	.29	1.63	.01	.04	....	3.25
City Office[1]	Philadelphia	.03	....	T.	.04	T.	T.	T.	T.	....	....	....	....	....	T.	....	.03	.18	.30	.60	....	....	....	....	....	T.	.03	.26	1.88	T.	.06	....	3.41
Franklin Inst.[2]	Philadelphia	....	.04	....	.04	....	....	....	....	....	....	....	....	....	....	....	.06	.18	.12	....	....	....	....	....	....	....	....	.14	.15	.58	....	.06	†
Shawmont	Philadelphia	T.	.04	....	.06	T.	T.	T.	T.	....	....	....	....	....	....	T.	.03	.02	.47	.34	....	....	....	....	....	.02	.08	.29	1.32	.08	.04	.08	2.87
Quakertown	Bucks	....	....	....	.02	....	....	....	T.	....	....	.01	....	....	....	T.	.07	.01	.59	.46	....	....	....	....	....	T.	.10	.19	1.35	.01	.15	....	....	2.96
West Chester	Chester	.01	.01	T.	.05	T.	T	....	.01	....	T.	T.	....	....	....	....	.02	T.	.48	.32	....	....	....	....	....	T.	.12	.17	1.32	....	.11	.01	2.63
West Grove[2]	Chester	....	.07	....	.12	....	....	....	.05	....	....	....	....	....	....	....	.03	T.	.41	.50	.06	....	....	....	....	....	.02	.10	.35	.50	....	.11		2.32
Susquehanna Basin																															
CHEMUNG																															
Austinburg‡	Tioga	....	.04	.32	.09	....	....	....	....	....	....	....	*	....	....	*	*	....	.56	.12	....	.07	....	....	....	....	....	.22	....	.03	.07	1.52
Centerville[2]	Bradford	.17	....	....	.32	....	....	....	....	....	....	....	....	....	....	....	.03	....	.03	.33	.09	....	....	....	....	....	....	....	.35	....	.27	1.59
Covington[2]	Tioga	....	....	....	.23	....	....	....	....	....	....	....	....	....	.08	.21	....	....	....	.33	....	....	.10	....	....	....	....	....	.45	....	....	1.40
Lawrenceville	Tioga	....	....	T.	.39	....	.05	....	....	....	....	....	T.	....	....	....	.24	....	.18	T.	....	T.	.50	....	....	....	....	.20	.10	T.	.10	1.76
NORTH BRANCH																															
Canton[2]	Bradford	....	.03	.07	.14	.03	....	....	....	....	....	....	....	.02	....	.02	.33	....	.04	.47	.02	....	.03	....	....	....	....	....	.58	....	.25	2.03
Danville[2]	Montour	....	.05	.02	T.	....	....	....	T.	....	....	....	....	.02	....	.10	.09	.11	.08	.70	.05	....	....	....	....	....	T	.20	.05	.70	.05	.15	2.37
Kellogg Mt Tower[2]	Bradford	....	.02	.13	.07	T.	T.	....	....	....	....	....	....	T.	....	.01	.13	.03	....	.37	.08	....	.05	....	....	....	....	.01	....	.82	....	.20	1.92
Millville‡	Columbia	.07	....	....	.17	....	....	....	....	....	....	....	....	....	.10	.01	.16	.06	.35	.50	....	....	....	....	....	....	.04	.03	.28	....	.09	....	1.86
Montrose[2]	Susquehanna	....	.08	.06	.17	.01	T.	.01	....	....	....	T.	T.	.01	....	T.	.14	.01	.08	.34	.14	....	T.	....	....	....	....	.01	....	.73	....	.30	2.09
Orangeville[2]	Columbia	....	.06	....	.16	T.	....	....	....	....	....	....	....	....	....	.05	.11	T.	.04	.78	....	....	....	....	....	....	T.	.14	....	.87	....	.13	2.34
Orwell[2]	Bradford	....	.13	.02	.12	.01	....	....	....	....	T.	....	.01	....	T.	.17	....	....	....	.67	....	....	T.	....	....	....	....	T.	....	.63	....	.24	2.00
Pikes Creek‡	Luzerne	.10	.07	.06	.13	....	....	....	....	....	....	....	....	....	.10	.02	.24	.11	.29	.54	....	....	....	....	....	....	....	.03	.52	....	.23	.03	2.47
Rush[2]	Susquehanna	....	T.	T.	....	T.	T.	T.	....	....	....	....	....	T.	....	T.	T.	....	23	.15	.01	....	T.	....	....	....	....	....	....	.95	....	.20	1.54
Scranton‡[1]	Lackawanna	.12	.08	.07	.02	T.	T.	....	....	....	....	....	.01	....	.04	....	.19	T.	.24	.46	....	T	....	....	....	....	.06	....	.70	....	.12	T.	2.11
Susquehanna[2]	Susquehanna	....	.05	.04	.20	.04	.03	T.	....	....	....	....	.01	.08	....	.04	.20	.06	....	.19	.11	....	....	....	....	....	....	.01	....	.62	....	.29	1.97
Towanda	Bradford	.02	.09	T.	.08	T.	T	....	....	T.	....	....	T.	T.	T.	T.	.07	.01	.12	.43	T.	T.	.01	....	....	T.	T.	T.	.48	.08	.15	.03	1.57
Tunkhannock‡	Wyoming	.01	.06	.02	.05	....	....	....	....	....	....	....	....	....	.06	.01	.20	.05	.10	.34	....	....	....	....	....	....	.01	.04	.81	....	.23	.03	2.02
Wilkes-Barre[5]	Luzerne	....	....	....	....	T.	T.	....	....	....	....	T.	T.	....	.03	T.	.19	.09	.35	.44	.01	....	....	....	....	....	.03	T.	.37	....	.07	T.	§
WEST BRANCH																															
Ansonia[2]	Tioga	....	.02	.06	.28	T.	....	....	.02	....	....	....	....	....	....	.06	.34	.04	.12	.08	.03	....	.04	....	....	....	....	....	.38	T.	.06	1.53
Bald Eagle‡	Blair	....	....	.06	.21	....	....	....	....	....	.04	....	....	....	.20	.10	.71	.23	.35	.23	....	....	....	....	....	....	.07	.01	.55	....	.05	....	2.81
Berwinsdale[2]	Clearfield	....	.03	.02	.39	T.	T.	....	.16	....	....	....	....	....	....	.40	.41	.12	*	*	.77	....	....	....	....	....	....	.06	.60	....	....	.08	§
Carter Camp‡	Potter	....	.05	.24	.18	....	....	....	....	....	....	....	....	....	.12	.04	.55	.07	.15	.25	....	.05	....	....	....	....	....	....	.34	....	.10	.19	2.33
Cedar Run[2]	Lycoming	....	....	.08	.20	....	.04	....	.03	....	....	.02	....	.02	....	.20	.38	....	....	.32	....	....	.02	....	....	....	....	....	.39	....	.16	1.86
Clearfield[2]	Clearfield	T.	.05	.18	.54	.01	.06	.08	.10	.03	T.	.10	T.	.05	....	.20	.39	.30	.18	.61	.15	....	....	....	....	....	.03	.07	.57	....	.13	3.83
Curwensville[5]	Clearfield	.15	.13	.27	.16	.13	.07	.07	.06	T.	.05	T.	.15	T.	.23	.13	.42	.04	.28	.47	.01	T.	....	T.	....	T.	.04	T.	.62	....	.11	.12	3.71
Driftwood‡	Cameron	.03	.08	.23	.17	....	....	....	....	.03	....	....	....	.19	.02	.52	.06	.24	.16	....	....	....	....	....	....	.01	.01	.53	....	.02	.13	2.43
Du Bois(near)	Clearfield	.05	.08	T.	.53	.02	T.	.05	.06	....	T.	....	.02	T.	.01	.16	.37	.10	.17	.23	....	T.	....	....	....	....	.02	.35	T.	.02	T.	2.24
Dushore‡	Sullivan	.07	.10	.05	.06	....	....	....	....	.03	....	....	....	....	....	....	....	....	.15	.12	....	....	....	....	....	....	....	....	*	*	*	.72	§
Eagles Mere[2]	Sullivan	....	.05	.09	.15	.06	....	....	....	....	....	....	....	T.	....	.40	.39	.18	....	.25	.13	....	T.	....	T.	....	....	.06	....	.62	....	.37	2.75
Emporium[2]	Cameron	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
English Center‡	Lycoming	....	....	.05	.09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	.12	.09	§
Galeton	Potter	T.	.06	T.	.40	T.	T.	T.	....	....	.02	....	T.	....	T.	.14	.43	0	.45	.03	....	.16	....	....	....	....	....	.37	.03	....	....	2.09
Karthaus[2]	Clearfield	....	....	.09	.39	T.	T.	.05	.10	T.	T.	.14	....	....	....	.17	.31	.24	.02	.58	.13	T.	....	....	....	....	....	T.	T.	.56	....	.10	2.88
Lock Haven[2]	Clinton	....	T.	.06	.20	.01	.01	T	.05	T.	....	.03	....	T.	....	.05	.33	.18	.03	.58	.03	....	T.	....	....	....	.02	.04	.60	T.	.10	2.32
Medix Run‡	Elk	.04	.06	.03	.15	....	.03	.09	.03	.02	....	....	....	....	.12	.10	.54	.03	.16	.26	....	....	....	....	....	....	....	.39	....	.06	.13	2.24
Philipsburg[5]	Centre	T.	.04	.36	.06	.07	.02	.05	.05	....	.12	....	.04	T.	.12	.11	.67	.10	.12	.08	....	T.	....	T.	....	.05	T.	.76	T.	.07	.04	2.93
Renovo[2]	Clinton	....	....	.08	.20	T.	.06	.03	.04	....	....	.03	....	....	T.	.06	.30	.25	....	.68	.10	....	T.	....	....	....	.03	....	.52	....	.14	2.52
Shaffers Path[2]	Lycoming	....	.04	.06	.15	T.	.01	....	.03	....	....	T.	....	....	....	.04	.14	.14	....	.05	.19	....	....	....	....	....	.02	T.	.71	T.	.17	1.75

Continued on page 4.

HARDY
APR 28 1952
APR 10 '52

Daily Precipitation for January, 1943—Continued from page 3

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Susquehanna Basin (continued)																															
WEST BRANCH (continued)																															
State College‡	Centre	T.	.03	.04	.10	T.	T.	.03	.05	....	.02	....	T.	T.	.05	.02	.56	.14	.27	.07	....	T.	....	T.	....	....	.12	....	.53	T.	.04	.02	2.09
Tamarack Tower[2]	Clinton	....	.02	.05	.24	.06	.05	.01	.04	T.	.01	.03	T.	T.	T.	.16	.45	.15	.01	.38	.08	....	.01	....	T.	....	....	.03	T.	.62	T.	.12	2.52
Wellsboro[2]	Tioga	....	....	.04	.28	T.	T.	....	T.	....	....	....	....	....	....	.06	.26	.03	....	.16	.01	....	.03	....	....	....	....	....	....	.37	....	.06	1.30
Williamsport[2]	Lycoming	....	.02	.08	.10	T.	T.	....	.01	....	....	T.	....	....	....	.03	.18	.25	.03	.24	.07	....	....	....	....	....	....	.02	....	.80	....	.15	1.98
JUNIATA																															
Altoona(near)	Blair	.03	.07	.03	.28	.08	....	.21	.11	....	.20	T.	T.	.20	T.	.50	.57	.37	.41	.21	....	....	....	....	.03	....	.07	.40	.58	.01	.15	....	4.51
Bedford[2]	Bedford	....	.06	....	.10	....	....	T.	.15	T.	....	.05	....	....	....	T.	.10	.10	.20	.50	....	....	....	....	....	....	.30	.70	.30	.70	....	....	‖3.26
Breezewood Intch[3]	Bedford	....	....	....	....	....	....	....	....	T.	T.	....	....	....	T.	T.	.08	.36	.31	.01	....	....	....	T.	....	....	.64	.03	.87	....	T.	.03	§
Buffalo Mills[2]	Bedford	....	....	....	.32	....	....	....	.16	....	....	.06	....	....	....	....	....	.19	.13	.58	....	....	....	....	....	....	.36	.82	.52	.46	....	....	3.60
Burnt Cabins(nr.)[3]	Huntingdon	....	....	.02	.03	T.	....	.05	.02	....	....	....	....	....	T.	....	.06	.17	.15	....	....	....	....	....	....	....	.52	T.	.70	....	.03	....	1.75
Charter Oak(nr.)‡	Huntingdon	....	....	.02	.15	....	....	.09	....	.03	....	....	....	....	.06	.11	.56	.14	.24	.35	....	....	....	.04	....	....	.12	.03	.56	....	.04	.01	2.55
East Waterford[2]	Perry	T.	T.	T.	.07	T.	T.	T.	.08	.01	T.	.01	T	T	T.	.01	.06	.14	.10	.35	.21	....	....	....	....	....	.02	.93	.17	1.05	T.	.11	3.32
Huntingdon[2]	Huntingdon	....	T.	....	.15	.01	T.	T.	.07	.01	T.	.01	....	....	....	.02	.22	.25	.12	.68	.05	....	....	....	....	....	.05	.36	.08	.60	....	.03	2.71
Lewistown[2]	Mifflin	....	....	....	.02	....	....	....	*	.05	....	....	....	....	....	.01	.14	.27	.04	.80	T.	....	....	....	....	....	T.	.45	T.	.47	T.	.12	2.37
Loop Mt. Tower[2]	Huntingdon	....	....	....	.02	.01	.02	.02	.16	.01	....	.02	....	....	....	.12	.24	.28	.12	.60	.05	....	....	....	....	....	.09	.52	.11	.80	....	....	3.19
Mapleton Depot[2]	Huntingdon	....	....	....	.05	....	....	....	.03	.01	....	T.	....	....	....	T.	.11	.47	.09	1.06	.14	....	....	....	....	....	T.	.72	.01	.78	....	.06	3.53
Martinsburg[5]	Blair	.02	T.	.02	.03	T.	T.	.05	.04	T.	.03	T.	T.	T	.03	.12	.34	.21	.95	.29	....	....	....	....	....	....	.89	.02	.72	T.	T.	.05	3.81
Newport[2]	Perry	....	....	....	.05	....	....	....	.03	.02	....	T	....	....	....	.04	.05	.09	.09	.47	.16	....	....	....	....	....	T.	.52	.07	.86	T.	.20	2.65
Saxton[2]	Bedford	T.	.03	T.	.09	T.	.01	T.	.10	.02	T.	.02	....	T.	....	T.	.12	.15	.16	.72	T.	....	....	....	....	T.	.11	.79	.13	.75	T.	.05	3.25
Shade Gap‡	Huntingdon	....	....	....	.03	....	....	.05	.02	....	....	....	....	....	....	.05	.25	.21	.39	.22	....	....	....	....	....	....	.48	....	.65	....	.06	.02	2.43
LWR SUSQUEHANNA																															
Arendtsville[2]	Adams	....	....	....	....	.01	.01	....	.14	.03	....	.01	....	....	....	....	.01	.05	.24	.28	.03	....	....	....	....	....	.01	.60	.44	.60	.10	.08	2.64
Bloserville	Cumberland	T.	T.	T.	.04	....	....	T.	.12	....	.03	....	....	....	....	.04	T.	.15	.72	.16	....	....	....	....	....	....	.60	.25	1.40	T	.19	.01	3.71
Blue Mt. Intchg.[3]	Franklin	.20	....	.03	T.	T.	....	.05	.03	....	.04	....	T.	....	T.	....	.05	.30	.52	T.	....	....	....	....	....	....	.56	.16	.77	....	.07	T.	2.78
Carlisle	Cumberland	.01	T.	.02	.08	....	....	T.	.12	....	.08	T.	....	....	....	.03	.04	.16	.40	.08	....	....	....	....	....	....	.42	.22	1.34	T.	.18	T.	3.18
Ephrata	Lancaster	.04	....	....	.02	....	....	....	.02	....	T.	....	....	....	....	....	.03	.08	.30	.20	....	....	....	....	....	....	.16	.20	1.22	.01	.05	T.	2.33
Glen Rock‡	York	.07	....	....	....	....	.03	.06	....	.02	.02	....	....	....	....	.02	....	.30	.16	.24	....	....	....	....	....	....	.38	.15	1.28	....	.03	.04	2.80
Gordon	Schuylkill	....	....	.13	.01	.01	....	....	....	....	....	....	....	....	....	.06	.07	.22	.70	.10	....	....	....	....	....	....	.15	.15	.57	....	.07	....	2.24
Hanover[2]	York	....	.03	....	.04	T.	....	....	.05	.01	....	.02	....	T.	....	....	T.	.06	.26	.32	.09	....	....	....	....	....	.08	.50	.40	1.00	.09	.04	2.99
Harrisburg Arpt‡[1]	York	.01	....	T.	.03	T.	....	.04	.02	....	.01	T.	T.	....	T	T.	.06	.18	.39	.08	....	....	....	T	....	T.	.39	.05	.97	....	.09	.01	2.33
Holtwood[2]	Lancaster	....	.06	T.	.02	....	....	T.	.06	T.	....	.07	....	....	....	....	.01	.03	.27	.45	.03	....	....	....	....	T.	.01	.31	.23	.95	.01	.08	2.59
Huntsdale[2]	Cumberland	....	....	....	.03	....	....	....	.07	.02	....	.02	....	....	....	.01	.03	.15	.19	.30	.04	....	....	....	....	....	T.	.55	.16	.89	.04	.06	2.56
Lancaster	Lancaster	....	.06	....	.01	....	....	....	.04	....	T.	.04	....	....	....	....	.02	.02	.37	.27	....	....	....	....	....	....	.16	.18	1.05	T.	.02	.02	2.26
Lebanon[2]	Lebanon	....	T.	....	.06	T.	....	....	.04	T.	....	.03	....	....	....	T	.05	.07	.11	.49	.08	....	....	....	....	....	T.	.45	.22	.76	.03	.05	2.44
Manada Gap	Dauphin	....	....	....	.07	....	T.	.05	....	.03	.01	....	....	....	T.	T.	.04	.14	.39	.11	....	....	....	....	....	....	.21	.17	1.22	....	.07	....	2.51
Middletown[3]	Dauphin	.01	....	T.	.06	T.	....	.05	.06	....	.02	....	T.	....	T.	T	.01	.23	.22	.04	....	....	....	T.	....	....	.24	.22	1.14	....	.05	T.	2.35
Millersburg‡	Dauphin	....	....	....	.03	....	....	....	....	....	....	....	....	....	.05	.03	.18	.11	.52	.22	....	....	....	....	....	....	.28	.01	.57	....	.15	....	2.15
New Park	York	.06	....	....	....	....	....	....	.30	....	....	.06	....	....	....	....	....	.12	.90	.10	....	....	....	....	....	....	.25	.30	1.22	....	.10	....	3.41
Penn Nursery[2]	Centre	T.	T.	....	T.	T.	....	T	....	....	....	....	T	....	....	.03	.12	.45	.18	.59	....	....	....	....	T.	....	T.	....	....	....	T.	.03	§
Peters Mt. Tower[2]	Dauphin	....	T.	T.	.07	.01	T.	T.	.07	.01	....	.01	....	T.	....	T.	.03	.14	.13	.46	.09	....	....	....	T.	....	T	.86	.07	1.34	.01	.11	3.41
Pine Grove[2]	Schuylkill	....	....	.01	.06	.02	T.	....	.04	.01	....	.02	....	....	....	.07	....	.15	.20	.75	.10	....	....	....	....	....	....	.43	.23	.68	.21	.11	3.09
Ringtown[2]	Schuylkill	....	.05	.02	.10	.02	T.	....	.05	T.	T.	.02	....	T.	T.	.05	*	*	.30	.52	T.	T.	T.	....	....	....	T.	.05	*	.80	....	.10	2.08
Selinsgrove	Snyder	....	.04	.02	T.	.05	....	....	.06	.01	....	....	....	....	....	.05	....	.32	.74	.42	....	....	....	....	....	....	.15	.21	.25	.77	.10	.11	3.30
Shippensburg	Cumberland	T.	....	.05	T.	T	....	.02	.05	T.	.02	....	T.	....	....	....	....	.25	.63	.05	....	....	....	....	....	....	.46	.23	*	1.15	.09	T.	3.00
Sunbury[2]	Northumberland	....	T.	.08	.05	.03	T.	....	.05	....	....	T.	....	....	....	.11	.07	.20	.04	.71	.19	....	....	....	....	....	T.	.24	T.	1.15	T.	.15	3.07
Williamstown	Dauphin	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Woodward[5]	Centre	.02	.04	.05	.10	.02	T.	.10	.04	....	T.	T.	T.	T.	.06	.05	.48	.10	.20	.24	....	T.	....	T.	....	....	.20	.01	1.00	....	.15	.03	2.89
York	York	.02	.02	.02	....	....	....	*	.06	....	.02	....	....	....	....	....	....	.02	.39	.14	....	....	....	....	....	....	.26	.28	1.16	.05	.07	.01	2.52
York Haven[2]	York	....	....	....	....	....	....	....	.05	.01	....	.01	....	....	....	....	....	.03	.20	.25	T.	....	....	....	....	....	....	.48	.28	.80	.05	.08	2.24
Potomac Basin																															
Chambersburg[2]	Franklin	....	T.	....	.09	T.	....	....	.07	.01	T.	.02	....	....	....	....	.11	.26	.39	....	....	....	....	....	....	....	T	.71	.31	.69	.05	.03	2.74
Gettysburg	Adams	.01	T.	.01	T.	....	....	T.	.09	....	.01	T.	....	....	....	....	.01	.02	.45	.08	....	....	....	....	....	....	.25	.30	1.05	....	.12	....	2.40
Hewitt(near)‡	Bedford	....	....	.10	.05	....	....	....	.11	....	.02	....	....	....	....	.09	.06	.43	.41	.10	....	....	....	....	....	....	.84	.04	1.15	....	....	.04	3.44
Hyndman[2]	Bedford	.	T.	....	.19	T.	....	T.	.10	....	T.	T.	....	....	....	T.	T.	.18	.21	.48	.03	....	....	....	....	....	T.	.80	.57	.45	T.	T.	3.01
McConnellsburg[2]	Fulton	....	....	....	T.	T.	....	....	T	T.	....	....	....	....	....	....	T.	.17	.18	.50	....	....	....	....	....	....	T.	.54	.33	.60	....	T.	2.32
Mercersburg	Franklin	....	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	....	....	....	....	....	.72	.20	.04	....	....	§
South Mt. San't'm[2]	Franklin	....	T.	....	.03	.01	....	T.	.08	.01	T.	.01	....	....	....	....	T	.02	.17	.23	.01	....	....	....	....	....	T.	.95	.30	1.10	.10	.08	3.10
GULF DRAINAGE *Ohio Basin*																															
ALLEGHENY																															
Acmetonia[2]	Allegheny	....	.14	....	.36	.07	T.	.06	.17	.01	.02	.06	....	T.	....	.07	.24	.22	.07	.55	T.	....	....	....	....	....	....	.02	.03	.17	....	.10	2.36
Allens Mills‡	Jefferson	.14	.17	.43	.14	....	.05	.05	....	....	.06	.02	.03	.03	*	.49	.46	.11	.24	.20	....	....	....	....	....	....	....	....	.42	....	.13	.17	3.34
Blairsville[2]	Indiana	T.	.23	T.	.12	.05	.02	.02	.13	.01	.01	.05	T.	.02	T.	.05	.27	.63	.13	.89	.03	....	....	....	T.	....	.01	.21	.12	.30	T.	.02	3.32
Bradford	McKean	.06	.09	.03	.74	.07	.05	.03	....	....	....	....	.10	....	.05	.30	.37	....	.23	.21	....	.13	....	....	....	....	....	....	T.	....	T.	....	2.46
Brookville[5]	Jefferson	.03	.02	.51	.05	.04	.03	.09	.02	T.	.02	T.	.04	T.	.05	.14	.15	.06	.19	.20	....	....	....	T.	....	T.	T.	....	.15	....	.07	.11	1.97
Buckstown‡	Somerset	.08	.05	.07	.14	....	....	.10	.09	....	.02	....	....	....	.10	....	.30	.18	.52	.28	....	....	....	....	....	....	.80	.03	*	*	*	.71	3.47
Cherry Grove‡	Warren	.09	.06	.53	.17	.15	.05	....	.11	.04	.05	....	.10	....	.10	.07	.33	.06	.20	.26	....	.03	....	....	....	....	.04	.03	.07	....	.05	.18	2.77
Clarion[2]	Clarion	.01	.16	.15	.49	T.	T.	.05	.07	T.	.02	.05	....	....	....	.33	.46	.23	.08	.41	.07	....	....	....	....	....	....	....	*	.28	.01	.14	3.01
Coudersport	Potter	.03	.06	.02	.50	.02	.01	....	.01	....	.02	....	.06	....	.03	.24	.34	....	.28	.15	....	.08	....	....	.06	....	....	....	.21	.30	.18	....	2.60
Crooked Crk. Dam‡	Armstrong	.05	....	.24	.01	....	.02	.08	.04	....	.02	....	....	....	.08	.14	.32	.04	.34	.10	....	....	....	....	....	....	....	....	.19	....	*	.12	1.79
Derry	Westmoreland	.19	T.	T.	.19	.03	T.	.13	.09	.08	.02	T.	T.	T.	*	.15	.46	.35	.46	.38	T.	....	....	....	....	....	T.	.25	.56	.04	.05	....	3.43
Dunlo‡	Cambria	.07	.07	.04	.15	.05	.04	.11	.06	.02	.02	.10	.03	.01	.13	.20	.49	.18	.36	.18	....	....	....	....	....	....	.67	.02	.73	.04	....	.05	3.82
Ebensburg[2]	Cambria	....	.05	1.00	T.	T.	.10	.06	.13	.01	T.	.01	....	.04	....	.24	.01	.54	.18	.30	.03	....	....	....	....	....	*	.25	.36	.37	T.	.12	3.80
Edinboro	Erie	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Franklin[2]	Venango	T.	.10	.07	.52	.16	.06	.08	.08	T.	.05	.04	T	.02	....	.08	.05	....	.03	.31	.05	....	....	....	....	....	....	....	.07	T.	T.	1.77
Glen Hazel[2](nr.)	Elk	.03	.09	.06	.75	.07	.08	.02	.03	....	T.	T.	.05	.03	T.	.31	.44	.03	.01	.34	.12	T.	.03	....	....	....	....	....	T.	.18	T.	.10	2.77
Homet	Indiana	.15	.07	.39	.02	....	....	.11	.09	....	....	....	....	....	.13	.13	.44	.04	.36	.24	....	....	....	....	....	....	....	....	.33	....	.08	.13	2.71
Indiana	Indiana	.05	T.	.02	.36	.01	T.	.07	.09	T.	.03	T	T.	T.	T.	.08	.30	.26	.23	.63	....	....	....	T	....	....	....	.05	.57	....	.06	.02	2.83
Johnstown	Cambria	.18	....	.06	.22	.10	T.	.13	.04	....	.08	....	.02	....	.08	.11	.37	.51	.32	.16	....	....	....	T.	....	....	.18	.16	1.04	....	.07	.05	3.83
Kane[5]	McKean	.13	.08	.32	.33	.21	.08	.02	.02	....	.01	.03	.06	.01	.10	.13	....	.03	.30	.22	T.	.03	....	....	....	T.	T.	....	.12	....	.03	T.	2.26
Laurel Hill Smt‡	Westmoreland	.28	.10	.06	.24	....	.03	.20	.08	.01	.03	.03	.05	....	.13	.22	.33	.09	.69	.21	....	....	....	....	....	....	.61	*	*	*	*	1.00	4.39
Laurel Hill Tunnel[3]	Westmoreland	.25	.21	.04	.37	.05	T.	.14	.03	T.	.06	T.	.01	.01	.13	.24	.41	.18	.50	.29	....	....	....	....	....	....	.76	.07	.82	....	.12	.16	4.85
Lycippus	Westmoreland	*	.37	.04	.21	.11	.03	.26	.18	.08	.06	....	T.	.03	T.	.21	.30	.33	.48	.35	....	....	....	....	....	....	.12	.20	.67	....	.06	T.	4.09
Mahoning Dam‡	Armstrong	.08	....	.45	.05	....	.02	.10	.01	....	.02	.02	.03	....	.14	.08	.61	.09	.25	.12	....	....	....	....	....	....	....	....	.82	....	.08	.06	2.53
Marienville‡	Forest	.20	.17	.29	.50	.05	.07	.04	.04	....	.05	.04	....	....	.22	.08	.40	.02	.06	.31	....	....	....	....	....	....	....	.01	.23	.03	.07	.20	3.08
Meadville[2]	Crawford	.05	.16	.09	.67	.13	.05	.09	.07	....	.04	.01	.02	.05	....	.18	.28	....	.05	.10	.04	.02	....	....	....	....	....	T.	....	T.	T.	.09	2.19
Mosgrove[2]	Armstrong	T.	.14	.05	.30	.05	T.	.06	.13	T.	.04	.02	T.	T.	....	.17	.30	.30	.06	.35	.07	....	....	....	....	....	T.	T.	.04	.17	....	.14	2.39
Parkers Landing[2]	Armstrong	....	.05	.14	.50	.03	.05	.05	.10	....	.05	.06	....	.04	....	.24	.42	.15	.08	.33	.07	....	....	....	....	....	....	....	T.	.28	....	....	2.64

Continued on page 5.

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Pittsburgh Cty Off[1]	Allegheny	.16		.12	.15	T.	.02	.19	.06	T.	.05		T.	T.	.08	.14	.85	.12	.42	.01							.01		.47		.09	.07	2.51
Port Allegany[2]	McKean	T.	.05	.07	.59	.02	.01	.01	.01			T	.01	.02		.28	.36		.05	.26	.01		.08								.13	T.	.10	2.06
Punxsutawney[2]	Jefferson		T	.13	.52	.02		.05	.12		T	T		.01		.29	.33	.32	.05	.37	.07							T.	.04	.47		.10	2.88
Ridgway[2]	Elk		.14	.24	.44	.11	.09	.02	.02			T.	T.	.01	T.	.16	.28	.03	.09	.16	.14	T.	T.					T.	.24	T.	.12	2.29
Saltsburg[2]	Indiana		.06	T.	.18	.07	T.	.02	.08	T.	.02	T.		T.		.08	.32	.29	.12	.88	.01						.06	.18	.48	T.	.10	2.95
Seward[2]	Indiana				.02	.09	.10		.05	.03				.08		.02	.21	.59	.10	.49	.08						.22	.16	.98				3.22
Smethport[1]	McKean	.07	.05	.54	.15										.10		.34	.03	.06	.30		.08							.13		.22	2.07
Strongstown[1]	Indiana	.04		.14	.16		.02	.09	.05		.06				.15	.09	.60	.25	.20	.33							.13	.01	.49		.06	.14	3.01
Tionesta Dam[1]	Forest	.19	.10	.52	.11			.07	.02		.06	.03			.23	.16	.29		.15	.25		.03							.23		.07	.16	2.67
Titusville[1]	Crawford	.10	.08	.71	.01	.02	.04	.06					.02	.04	.26	.21	.41		.20	.12				.02			.02					.26	2.58
Union City[1]	Erie	.08	.04	.53	.08		.08	*	.12	.01	.01		.08		.11	.09	.40		.11	.07		.03							.02			.22	2.08
Vandergrift[3]	Westmoreland	.11		.06	.29	T.	T.	.10	.04		.03		T.		.06	.03	.31	.08	.26	.06									.36		.07		1.86
Warren[2]	Warren	T.	.09	.06	.79	.08	.29	.05	.03		T.	.03	.02	.05	T.	.28	.35		.05	.27	.14	T.	.08		T		T.	T		.03	T	.04	2.73
Youngsville[1]	Warren	.10	.10	.61	.15	.06	.06	.03		.05	.04		.09	.01	.28	.05	.35	.03	.17	.25		.09								.05		.05	.24	2.86
MONONGAHELA																																	
Confluence[2]	Somerset		.17	T.	.22	.01	T.	.02	.15	T	T.	.02		T.		.02	.09	.21	.15	.86	.08						.10	.90	.24	.50		.03	3.86
Connellsville[2]	Fayette		.27		.06	.04	T.	.06	.14	.04	.01	.01		T.		.07	.10	.19	.19	.34	.05				T.		.15	.74	.15	.51	T.	T.	3.12
Donora[1]	Washington	.24		.02	.17		T.	.18	T.		.04		T.	T.	.12	.08	.25	.12	.40	.17							.02	.12	.50		T.	.03	2.46
Greensboro[2]	Greene		.26	.04	.16	T.	T.	.02	.18	.02	T.	.01		T.	T.	.05	.05	.17	.15	.33	.03						.01	.16	.92		T		3.60
Greensburg	Westmoreland	.15	06	.04	.22	.04	T.	.14	.16	.19	.09	T.	T.	.06	T.	.03	.39	.42	.34	.18							T	.09	.66		.04	.03	3.23
Irwin	Westmoreland	.20		.02	.15	.01	T.	.09	.10	T.	.05		T.	.03	T.	.06	.19	.58	.33	.60							.01	1.04	.43	11			3.52
Meyersdale[2]	Somerset		.12		.20	.06		.01	.13		.01	.02				.02	.05	.21	.07	.53	.02						.19		.02	.01	.59	.02	.03	2.46
Murrysville[1]	Westmoreland	.15		.14	.04		.03	.13	.04		.05				.07	.19	.29	.20	.25	.21							.02		.20	.35	.40			2.48
Newell[4]	Fayette	*	.12	*	.24			*	*	*	*				*	*	.60	.32	.25														
Pittsburgh Arpt.[1]	Allegheny	.35		.18	.09	.02	.07	.17	.05	.01	.10	T.	T	.01	.01	.09	.28	.15	.26	.15						T	.02	.02	.81		.05	.04	2.93
Somerset	Somerset	.11	T.	.05	.17	.07	T.	.13	.07	T.	.04		T.	T.	T.	.06	.24	.31	.64	.27	T						.77	.27	.81		.02	T	4.03
Springs	Somerset	.06	T.	.10	.08	.02	T.	.20	.03	T.	.08	T.	.02	.01	T.	.03	.11	.61	.61	.30	T.						.95	.11	.65		.02		3.99
Uniontown	Fayette	.18	.05	.11	.28	T.		.13	.13	T.	.04		T.		T.	.05	.15	.28	.30	.15							.80	.30	.54		T.	T	3.49
Waynesburg	Greene	.18		.14	T.			.26	.05							.15	.17	.25	.14								.32	.22	.53				2.41
BEAVER																																	
Beaver Falls[2]	Beaver	T.	.15		.30	.04	T.	.10	.40	T.	T.	T.		T.		.13	.19	.39	.11	.30	T.			T.					T.	.20		.01	2.32
Butler	Butler	.03	T	*	.33	.02		.07	.07		.06			.01		.20	.27	.03	.59	.07									.08	.02	.02		1.87
Greenville	Mercer	.15	.15	.42	.15	.23	.09	.11	.10		.01	T	.06		.16	.13	.19		.03	.43		.02		.03	.02				.03		.04	.03	2.58
Mercer[5]	Mercer	.15	.17	.36	.01	.08	.06	.07	.01	T.	T.	.01	.01	T.	.10	.22	.11	T	.12	.22				T.	T	T	T.			.05	T.	.02	.04	1.81
New Castle	Lawrence	.20	.02	.02	.85	.02	T.	.07	.09	T.	.08			.02	.02	.05	.26	.22	.15	.12	.02								.08	.01	.04	.02	1.86
Penn Line[2]	Crawford	T.	.17	.09	.51	.05	.03	.08	.04		.05	T.	.02	.06		.19	.32		T.	.09	.01							T			T.	.07	1.78
Pymatuning Dam[2]	Crawford	T.	.23	.07	.49	.03	.04	.10	.07		T.	.03	T.	T.	T.	.11	.30		.12	.04	.01								T.		.05	1.69
Sharon[2]	Mercer	.09	.17	.05	.66	.07	.01	.08	.04		*	.09		.01		.20	.29		.05	.12	.06								.02				‖2.01
OHIO																																	
Claysville[2]	Washington		.25	.03	.25	T.		.04	.13	T.	T.	.03				.11	.21	.38	.15	.29	.04						.06	.07	T	.28		.06	2.38
Coraopolis[2]	Allegheny	T.	.21	T	.30	.02		.05	.15	T.	.01	.03				.09	.22	.21	.04	.28	.01								T.	.06	.02	.10	1.80
Midland[2]	Beaver		.17	T.	.47	T	T.	.06	.13	T.	.02	.04	T.	.01		.09	.25	.42	.08	.33	.02								.01	.03		.04	2.17
Mt. Lebanon	Allegheny	.25		T	.35	.02	.04	.12	.05	T.	.03		T.	T	.04	.06	.37	.23	.42	.13							.02	.30		.05	T	2.48
Washington[1]	Washington	.21		.24				.09	.01		.08				.09	.14	.43	.14	.20	.21							.13		.45	.03	.02	.09	2.56
LAKE DRAINAGE																																	
Erie[1]	Erie	.02	T.	.20	.45	T.	T.			T	T.		.12		T.	T.		.02	T	.04		.08				T.	T.			T	T.	0.93
Raymond[1]	Potter	.08	.12	.34	.08									.01	.07	.01	.36	.09		.18		.10	.02	.05					.25	.05	.08	.08	1.97

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum* velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.64	27	29.28	15	9.8	30	w.	19	87	....	85	16	1217
Harrisburg	30.60	20	29.44	15	7.7	38	nw.	19	78	62	71	33	1061
Philadelphia	30.57	20	29.48	15	9.8	37	nw.	19	76	61	69	31	1028
Philipsburg	30.55	27	29.36	15	11.8	40§	w.	19	90	79	86	....	1275
Pittsburgh	30.68	20	29.42	15	11.4	45	nw.	4	85	74	79	24	1065
Reading	30.61	20	29.45	15	11.4	50	nw.	19	71	57	54‡	36	1044
Scranton	30.58	27	29.39	15	6.9	32	nw.	19	80	71†	....	28	1212

* For any five-minute period. ** Corrected to true velocities.
† Local noon ‡ 4:00 p. m. § Estimated

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.0	9.6	1	2.8	31	18
Easton	Delaware	5.0	19.4	1	3.0	29	22
Lehighton	Lehigh	4.2	6.6	1	3.6	29	9
Reading	Schuylkill	5.0	9.6	1	3.9	29	13
Wilkes-Barre	N. Br. Susquehanna	8.5	29.6	1	4.8	31	22
Williamsport	W. Br. Susquehanna	5.9	18.8	1	2.6	15	20
Newport	Juniata	6.5	16.5	1	4.4	16	22
Harrisburg	Susquehanna	6.3	19.4	1	4.4	17	17
Schenley, (nr) Lock No. 5.	Allegheny	17.4	28.9	1	13.7	15	24
Sutersville	Youghiogheny	6.1	10.9	19	4.6	14	0
Charleroi (nr.), Lock No. 4	Monongahela	16.4	22.5	19	13.0	16	30
Pittsburgh	Ohio	*	26.5	1	*	.....	5
Midland, Dam No. 7	Ohio	*	42.6	1	*	.....	30

* Pool stage. † On other days also.

Daily Temperatures for January, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	39	33	33	38	31	31	33	31	32	29	39	35	30	39	47	54	46	39	41	34	24	28	39	43	50	38	37	29	37	29	42	36.5
	Minimum	33	26	26	30	21	21	22	20	14	13	17	25	17	15	13	32	36	30	31	12	12	12	13	21	31	31	22	21	20	23	23	22.1
Altoona(near)	Maximum	35	34	39	36	22	27	29	28	26	28	35	30	21	29	36	56	44	39	38	18	24	28	48	47	62	48	28	25	32	32	46	34.5
	Minimum	28	22	26	18	14	12	17	22	16	18	24	18	9	4	26	30	37	32	15	1	8	8	16	33	35	25	15	18	21	24	27	20.0
Arendtsville	Maximum	36	44	36	38	28	31	34	30	30	29	42	36	30	32	45	55	48	41	43	26	29	30	36	47	57	53	39	28	36	32	43	37.4
	Minimum	28	28	30	28	22	15	24	27	20	17	29	26	15	10	32	33	44	34	26	10	13	13	17	25	35	28	20	20	25	26	20	23.9
Bedford	Maximum	44	46	47	32	25	28	33	32	30	31	39	40	26	34	41	54	50	45	45	22	31	34	38	49	67	59	20	30	34	34	49	38.7
	Minimum	24	26	30	23	20	17	25	27	21	19	25	23	14	5	30	34	39	35	22	10	13	26	17	36	32	26	23	21	22	28	30	24.0
Bethlehem[3]	Maximum	36	33	32	36	26	28	32	31	31	29	38	34	29	38	45	56	45	33	39	21	26	26	37	42	52	44	29	25	34	29	43	34.6
	Minimum	30	24	29	22	20	21	22	20	13	17	24	22	18	17	34	32	32	30	17	11	13	12	18	32	35	22	22	20	25	23	25	22.6
Blue Mt. Interchange[3]	Maximum	38	40	38	38	30	32	36	34	32	34	34	42	29	36	44	56	46	40	40	26	26	30	34	48	54	56	42	32	40	40	40	38.3
	Minimum	28	28	28	26	20	20	26	24	22	22	22	20	13	8	32	34	36	32	26	8	12	10	16	28	31	22	22	21	26	24	22	22.9
Bradford	Maximum	33	33	26	36	18	25	26	27	24	28	29	30	20	29	33	45	40	34	40	14	13	27	40	48	52	32	27	26	38	38	43	31.4
	Minimum	24	10	11	16	13	13	14	6	− 7	15	25	15	10	6	22	23	28	29	13	0	8	4	5	30	31	16	16	18	18	28	25	15.5
Breezewood Intchg[3]	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	28	34	40	38	26	32	40	52	52	48	38	22	32	36	42	48	66	40	30	24	34	38	44	38.4[b]
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	20	20	24	16	8	8	32	34	38	32	14	− 4	10	10	16	32	34	22	18	20	20	26	32	21.0[b]
Brookville[5]	Maximum	33	34	37	37	18	23	28	28	27	29	33	30	18	34	34	46	38	41	41	16	21	34	43	54	56	27	30	29	35	32	41	33.1
	Minimum	15	11	23	18	15	15	22	13	11	19	27	14	3	9	25	34	34	35	4	2	15	12	20	33	27	20	17	22	16	28	31	19.0
Burnt Cabins(near)[3]	Maximum	38	40	32	36	24	30	32	28	30	29	40	36	38	34	41	54	45	40	40	23	28	32	38	47	62	40	33	26	32	34	50	36.5
	Minimum	26	27	28	22	17	12	24	22	16	21	23	18	9	3	32	34	35	32	14	5	10	8	12	27	33	22	20	21	24	25	26	20.9
Butler	Maximum	34	34	41	35	24	25	30	30	30	34	34	35	23	35	35	59	59	47	45	22	30	30	47	61	57	40	27	27	36	38	40	36.9
	Minimum	27	23	29	23	18	16	20	25	17	23	29	21	4	6	21	29	35	35	21	3	12	15	26	35	36	20	19	24	20	30	30	22.3
Carlisle	Maximum	45	40	33	38	30	38	33	30	30	25	42	46	36	38	49	50	48	42	46	25	38	36	34	48	53	17	32	29	38	35	42	38.7
	Minimum	25	26	30	26	22	19	25	25	15	16	23	16	21	7	31	30	39	32	25	10	15	18	16	27	34	28	20	21	25	23	25	23.1
Chambersburg	Maximum	37	40	35	39	29	31	35	31	31	29	42	42	30	35	46	51	46	41	43	25	30	34	36	42	62	55	34	27	39	39	42	38.0
	Minimum	30	29	31	26	21	18	27	26	20	20	24	26	16	10	30	35	38	32	23	10	17	15	17	33	34	26	21	21	25	26	27	24.3
Claysville[2]	Maximum	33	46	53	30	21	28	32	29	30	35	37	26	23	35	50	55	39	48	44	21	34	47	53	68	63	24	31	32	40	36	47	38.4
	Minimum	26	25	27	27	15	9	9	20	9	16	27	23	7	6	15	31	37	31	32	2	1	11	15	34	35	29	19	16	19	21	31	19.8
Coatesville	Maximum	42	38	34	38	30	31	34	30	31	31	39	35	28	40	49	56	50	35	42	26	27	31	39	48	55	45	30	28	37	31	41	37.1
	Minimum	28	26	29	27	23	21	26	22	17	17	23	24	18	11	34	34	34	33	26	12	14	13	17	32	34	25	22	21	24	24	26	23.8
Coudersport	Maximum	34	30	28	33	20	24	30	31	25	26	29	31	21	27	34	50	44	40	33	16	14	26	34	48	46	51	32	25	43	35	41	32.2
	Minimum	24	8	12	15	14	11	15	12	− 12	12	24	16	10	1	25	29	30	29	16	0	5	11	20	24	32	20	6	17	16	25	26	15.4
Curwensville[5]	Maximum	30	32	32	31	16	20	24	25	25	26	29	24	14	30	32	42	40	40	36	12	15	33	39	43	53	26	25	24	30	29	39	29.6
	Minimum	11	11	22	14	10	11	20	12	6	17	23	8	2	10	20	32	30	31	− 1	− 2	9	6	17	31	26	17	14	17	19	23	29	16.0
Derry	Maximum	34	42	43	56	28	29	32	33	31	35	35	37	23	39	46	55	46	56	52	20	33	45	54	64	67	42	34	32	41	38	47	40.7
	Minimum	30	27	30	22	18	14	24	27	22	25	28	18	9	9	33	34	40	40	17	5	9	18	29	39	41	24	18	21	16	30	35	24.2
Donora[3]	Maximum	36	50	50	54	22	29	36	35	31	38	37	40	26	36	41	58	48	52	50	22	39	49	57	71	69	34	34	36	43	38	48	42.3
	Minimum	34	30	33	22	17	17	29	24	23	30	30	20	16	15	36	40	37	36	12	7	21	25	33	41	34	25	25	26	27	35	38	27.0
Eagles Mere[2]	Maximum	30	24	28	29	19	25	25	22	27	20	29	25	22	29	31	42	34	35	33	13	11	18	35	42	43	27	25	26	30	27	28	27.7
	Minimum	23	11	11	19	8	9	10	12	4	3	16	19	4	5	9	22	31	2	30	− 2	− 2	− 3	− 3	16	24	25	10	11	15	10	18	12.8
Ebensburg[2]	Maximum	31	39	28	14	22	24	34	28	29	28	34	21	15	36	42	50	44	48	40	16	25	39	46	58	62	24	25	24	29	32	43	33.2
	Minimum	23	21	22	14	10	12	14	14	20	18	22	21	8	5	6	28	40	36	35	0	0	15	14	26	36	23	15	15	18	22	28	18.4
Edinboro	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Emporium[2]	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ephrata	Maximum	39	36	35	37	30	32	33	31	35	31	43	35	32	41	48	56	48	37	42	28	26	32	34	50	55	47	32	31	43	34	42	37.9
	Minimum	30	26	28	27	24	22	25	24	15	19	24	28	17	11	35	34	36	33	28	12	18	14	18	31	37	27	22	21	26	25	27	24.6
Erie[3]	Maximum	36	32	31	31	22	24	24	23	29	34	34	31	21	37	37	45	36	37	32	15	16	22	33	53	55	22	26	28	35	37	44	31.6
	Minimum	23	19	23	19	18	20	18	15	13	28	27	18	13	13	21	28	24	24	7	6	9	9	19	33	22	18	17	22	22	25	33	19.9
Franklin[2]	Maximum	36	.....	.....	23	21	26	29	27	50	32	37	25	21	33	46	48	37	44	40	18	24	36	43	55	46	25	35	38	46	35	44	38.8[b]
	Minimum	28	20	.....	.....	16	16	18	23	14	17	26	25	9	7	10	24	34	33	34	2	3	14	15	26	35	19	17	17	20	21	31	19.7[b]
Freeland	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
George School	Maximum	41	39	46	40	31	32	34	31	36	32	37	38	35	41	50	58	55	37	40	35	30	26	35	45	52	48	32	29	40	35	43	38.8
	Minimum	28	25	27	27	20	20	20	20	16	11	23	25	16	10	34	33	33	33	13	12	12	12	28	31	30	23	22	25	25	23	23	23.0
Gettysburg	Maximum	40	43	42	39	31	31	34	32	30	29	42	41	32	36	47	58	56	43	44	30	32	31	36	48	57	57	30	30	37	34	42	39.2
	Minimum	30	30	31	31	22	17	27	28	21	19	26	31	16	11	33	35	43	32	30	11	16	15	20	24	34	29	22	22	27	21	21	25.0
Gordon	Maximum	37	35	31	31	23	27	30	28	33	27	28	35	28	33	40	55	45	35	37	25	21	24	36	44	54	50	36	28	40	37	45	34.7
	Minimum	25	21	26	23	19	17	13	19	1	11	20	25	13	5	26	36	35	32	25	7	7	6	15	27	31	26	18	21	15	23	25	19.8
Greensburg	Maximum	33	43	42	54	22	28	32	32	30	34	34	38	24	37	37	55	48	52	51	21	35	46	53	66	73	41	36	30	38	35	45	40.2
	Minimum	27	27	29	22	17	15	24	28	20	22	28	22	12	7	32	33	40	37	19	5	17	19	29	32	39	22	16	22	19	30	34	24.2
Hanover[2]	Maximum	38	40	38	38	30	31	35	31	31	30	42	37	31	42	47	59	55	38	44	26	30	32	37	56	64	34	29	27	37	30	45	38.0
	Minimum	30	28	28	31	22	17	18	27	20	20	25	29	16	15	15	36	43	32	33	12	12	15	15	26	30	30	22	21	21	26	26	24.0
Harrisburg[3]	Maximum	40	40	35	40	29	31	33	30	32	27	42	40	29	42	46	54	45	36	44	24	26	29	22	41	55	42	35	29	37	32	44	36.9
	Minimum	30	28	32	25	23	22	28	22	17	21	25	22	16	13	37	36	35	34	17	12	19	16	21	32	36	23	23	22	28	25	29	24.8
Hawley	Maximum	35	35	31	34	22	28	26	29	33	28	37	34	26	32	41	51	48	34	35	25	17	20	32	40	43	40	33	25	44	37	42	33.5
	Minimum	25	13	20	19	11	10	3	11	− 7	4	16	24	9	− 1	29	24	32	28	24	6	7	3	10	27	29	25	17	18	10	26	21	15.7
Holtwood[3]	Maximum	38	41	37	40	29	32	35	31	31	30	43	35	30	38	46	57	46	37	39	26	28	33	35	44	50	45	30	30	37	32	41	37.0
	Minimum	30	30	33	28	25	23	28	26	21	24	26	27	19	15	31	34	37	35	23	16	22	17	21	30	36	28	24	25	28	28	28	26.4
Huntingdon[2]	Maximum	39	33	39	37	26	30	32	30	32	32	42	31	26	40	40	42	43	42	39	21	26	32	41	50	54	33	32	28	38	32	50	35.9
	Minimum	30	25	25	30	20	18	18	26	19	17	24	29	14	8	7	31	35	36	35	11	8	10	19	15	33	30	28	26	22	24	27	21.8
Indiana	Maximum	33	37	37	45	22	25	31	31	30	32	31	35	21	35	35	51	46	48	48	19	30	42	51	59	62	42	32	32	35	35	44	37.3
	Minimum	26	21	26	20	14	13	22	24	19	20	26	18	6	8	29	29	37	36	16	2	11	15	28	32	40	26	18	20	20	27	30	21.7
Irwin	Maximum	34	41	34	48	23	28	33	34	33	35	34	31	25	37	37	40	45	57	51	21	33	46	54	67	67	43	32	34	40	38	44	39.3
	Minimum	28	28	25	20	16	9	23	25	17	25	27	20	10	4	31	31	32	34	18	4	14	16	25	32	40	20	18	20	17	28	29	22.1
Johnstown	Maximum	33	44	41	32	20	28	31	31	31	32	32	38	22	34	35	54	46	55	50	20	28	41	50	55	62	42	31	29	32	33	46	37.5
	Minimum	28	24	29	19	15	14	21	27	22	19	26	18	9	4	29	34	41	40	14	2	10	15	24	33	39	22	18	22	22	27	30	22.5
Kane[5]	Maximum	35	26	36	35	17	21	25	25	27	28	28	22	17	31	31	47	39	39	38	13	14	33	40	48	52	28	27	25	36	30	48	30.6
	Minimum	5	3	18	12	9	10	15	2	1	14	22	8	2	5	16	27	30	28	− 2	− 6	1	5	16	25	21	14	8	13	15	23	27	12.4
Lancaster	Maximum	41	41	41	40	32	30	35	36	34	32	44	41	33	40	50	59	56	44	42	33	28	31	35	47	51	51	43	33	40	39	44	40.2
	Minimum	25	23	28	29	23	23	25	24	13	16	19	23	17	9	29	30	39	34	32	10	15	12	16	23	30	30	22	21	26	25	26	23.1
Lawrenceville	Maximum	37	35	36	37	23	31	26	27	31	28	34	33	26	31	37	54	49	36	38	21	16	26	34	42	50	41	28	28	35	33	40	33.6
	Minimum	28	22	12	19	13	16	13	7	− 4	12	19	22	12	5	28	18	27	26	21	5	6	2	9	32	32	21	17	20	15	18	22	16.8
Lebanon[2]	Maximum	38	33	34	37	28	31	31	29	35	30	42	32	29	40	48	57	45	35	43	21	25	29	37	47	56	37	34	29	40	29	46	36.4
	Minimum	27	25	25	28	23	21	26	24	15	14	21	25	15	10	14	34	38	32	32	10	10	14	14	22	29	35	21	21	21	23	28	22.1
Lewistown	Maximum	42	38	33	39	27	30	31	28	33	29	42	41	28	33	40	45	45	41	41	29	26	29	31	51	48	50	32	30	39	36	47	37.2
	Minimum	34	26	30	27	22	21	27	23	8	21	26	28	17	14	30	33	39	37	28	10	15	13	16	31	35	30	21	22	22	28	29	24.5
Lock Haven[2]	Maximum	38	29	39	35	25	30	30	26	27	28	36	30	24	37	38	41	38	40	39	21	21	23	35	45	45	35	32	27	39	30	47	33.2
	Minimum	30	23	24	28	21	19	20	21	1	1	22	25	13	10	10	28	32	32	35	8	8	10	11	17	33	33	19	20	15	15	26	19.7
Marcus Hook[3]	Maximum	44	41	39	44	32	34	37	34	33	34	42	41	32	42	53	59	57	41	45	28	30	31	46	50	53	52	32	33	38	33	42	40.4
	Minimum	34	30	33	28	26	25	31	25	20	23	29	28	22	20	37	37	36	35	25	16	21	17	25	36	36	36	25	26	27	28	29	27.7
Martinsburg[5]	Maximum	35	40	33	35	20	26	30	26	23	28	38	32	21	36	37	51	40	43	37	20	25	30	45	46	62	36	26	22	31	30	42	33.5
	Minimum	28	26	28	19	16	15	24	21	17	21	28	15	11	9	32	36	33	33	7	5	16	11	19	33	30	19	17	19	22	25	28	21.4
Mauch Chunk	Maximum	36	35	30	33	25	27	30	30	28	28	32	34	30	32	40	50	47	35	38	29	18	24	24	39	45	51	32	32	38	40	41	34.0
	Minimum	26	20	23	23	15	17	13	14	3	8	20	19	12	5	21	27	33	31	28	8	8	8	12	24	29	26	19	20	15	32	23	18.8

Continued on page 7.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Meadville[2]	Maximum	34	32	37	23	22	25	28	24	28	34	33	23	20	35	40	45	31	37	32	16	23	36	13	30	37	23	30	33	40	35	15	31.1
	Minimum	26	11	19	22	14	15	16	11	−1	12	25	20	−1	1	10	19	27	27	30	0	−1	12	15	32	33	16	15	15	33	21	5	16.8
Mercer[5]	Maximum	34	34	41	34	26	24	28	25	28	33	33	29	20	40	35	43	34	40	36	17	25	36	34	55	51	22	32	32	38	34	14	33.5
	Minimum	15	15	24	12	14	14	22	4	4	24	22	9	4	5	22	22	29	31	3	−1	15	14	15	32	29	15	15	23	30	34	5	17.1
Middletown[3]	Maximum	40	40	34	39	28	32	33	29	30	28	41	38	28	43	46	54	45	38	44	21	27	29	33	47	53	43	31	29	36	35	42	36.6
	Minimum	30	26	29	25	22	21	27	20	14	18	23	21	14	10	36	33	33	32	20	12	17	15	20	27	34	22	22	21	26	24	26	23.2
Midland	Maximum	41	42	40	44	24	30	33	32	30	38	35	38	28	36	38	48	45	42	43	20	35	39	19	60	61	38	37	34	42	40	16	38.4
	Minimum	30	28	30	23	19	18	19	22	15	25	29	21	10	14	30	32	33	34	29	6	16	20	29	35	36	24	26	26	26	31	35	24.3
Montrose[2]	Maximum	31	24	29	32	18	24	20	19	30	28	31	28	19	33	35	45	32	32	34	13	8	17	32	36	49	26	24	24	32	30	40	27.6
	Minimum	22	8	9	18	7	7	10	4	−3	−7	9	19	8	7	7	18	30	27	28	2	1	−5	5	15	23	25	12	13	13	15	1	11.4
Mt. Lebanon	Maximum	33	42	45	47	21	29	31	30	28	35	36	36	23	34	36	55	43	48	44	20	33	45	52	64	64	50	39	39	38	35	44	38.1
	Minimum	29	26	30	20	14	13	25	19	17	25	28	18	10	13	31	33	33	33	9	3	17	21	34	35	30	21	21	23	23	30	34	23.7
Mt. Pocono[5]	Maximum	31	25	25	30	18	21	20	24	27	25	31	30	21	29	33	47	42	30	33	14	11	18	32	39	44	35	26	22	36	24	38	28.7
	Minimum	25	11	20	13	10	11	11	11	0	9	18	14	7	5	26	27	25	27	8	2	4	1	13	25	36	16	15	15	21	16	24	14.8
New Castle	Maximum	40	35	42	35	42	29	32	32	31	39	33	35	24	31	36	48	44	41	41	33	21	39	39	52	59	42	38	36	39	39	45	37.8
	Minimum	33	23	24	28	23	16	24	18	10	26	28	23	4	7	28	30	31	30	19	4	15	16	24	24	30	15	16	25	26	27	32	22.3
Orangeville	Maximum	36	34	33	35	26	29	30	26	29	30	36	37	27	34	40	40	40	36	40	26	19	23	30	43	45	42	32	30	39	32	42	33.6
	Minimum	28	15	21	21	16	11	10	12	0	8	26	25	8	8	29	22	31	30	22	6	10	6	12	28	34	25	12	15	6	9	24	17.5
Palmerton[3]	Maximum	38	34	35	36	28	30	34	33	37	30	37	35	31	38	45	55	44	35	42	23	21	30	38	44	49	43	38	39	42	31	48	36.6
	Minimum	31	24	27	22	20	19	16	19	9	15	26	22	17	11	34	33	34	32	16	10	15	11	18	33	37	23	22	21	24	24	26	22.3
Philadelphia Airport Station[3]	Maximum	41	37	36	42	31	32	35	33	34	33	39	38	32	41	50	56	48	38	44	26	28	30	44	47	49	47	36	39	36	33	42	38.1
	Minimum	30	28	32	25	24	23	26	24	20	19	27	24	18	16	34	34	35	35	23	15	17	15	21	32	34	28	25	26	27	26	29	25.5
City Office[3]	Maximum	42	39	38	41	30	32	35	34	33	32	39	39	32	41	48	56	53	37	44	25	28	39	43	46	52	50	31	29	37	31	42	38.3
	Minimum	33	29	33	26	25	23	27	26	21	21	29	25	21	22	37	39	35	35	22	15	18	16	23	35	36	29	25	26	28	27	28	26.9
Franklin Institute[2]	Maximum	42	38	39	42	31	31	34	33	34	33	43	38	31	41	49	57	57	41	44	26	27	30	43	43	53	43	31	30	36	36	51	39.3
	Minimum	32	28	28	28	24	23	23	23	20	20	22	31	20	20	24	37	37	34	34	13	14	15	18	25	32	38	23	25	24	25	36	25.4
Shawmont	Maximum	45	42	36	40	31	31	34	34	34	33	38	38	33	40	50	58	56	40	44	36	26	29	40	45	50	47	32	30	32	32	42	38.6
	Minimum	28	28	30	31	24	23	22	23	17	17	25	26	18	18	30	33	39	34	34	15	17	14	18	28	32	29	24	25	26	26	26	25.0
Philipsburg	Maximum	31	34	31	33	17	21	26	24	28	27	33	29	16	33	33	49	40	36	35	14	16	24	40	41	58	27	27	24	32	27	41	30.6
	Minimum	18	14	24	16	18	13	19	−6	−10	17	25	11	−4	1	25	31	30	31	2	0	10	5	20	32	27	18	15	17	17	23	21	15.5
Phoenixville	Maximum	45	47	42	44	36	34	39	48	40	38	44	45	38	43	53	60	60	47	45	43	31	33	37	50	58	38	36	36	44	44	56	44.1
	Minimum	26	26	26	30	24	22	17	23	14	12	21	21	16	8	33	32	38	34	31	14	14	12	15	26	29	30	24	24	25	26	29	24.3
Pittsburgh Arpt Sta[3]	Maximum	34	41	49	46	20	26	31	31	27	34	37	33	22	34	36	55	42	49	45	19	35	16	52	65	65	29	30	28	36	35	41	37.9
	Minimum	29	26	29	19	15	14	25	21	16	23	28	17	12	13	32	35	34	34	7	4	18	23	33	34	29	21	21	22	22	30	35	23.3
Pittsburgh City Office[3]	Maximum	36	45	48	49	23	28	34	34	30	37	39	35	25	37	38	57	43	50	46	22	37	46	54	65	65	30	33	31	39	39	48	40.1
	Minimum	29	29	31	21	20	19	29	23	20	29	30	20	16	19	33	38	36	36	12	7	22	24	33	37	30	23	24	25	26	33	39	26.2
Port Clinton	Maximum	38	38	33	35	28	28	32	32	32	32	34	44	39	37	40	54	54	41	35	34	21	26	26	42	48	48	30	30	36	36	41	35.6
	Minimum	28	24	28	26	22	21	18	21	8	26	22	22	16	10	30	29	39	32	32	10	10	10	15	26	34	26	20	20	22	24	25	22.6
Pymatuning Dam[2]	Maximum	33	33	36	22	19	25	28	23	26	34	33	24	20	35	42	44	30	34	31	17	25	36	12	51	36	22	29	32	38	34	43	31.5
	Minimum	24	12	22	18	12	14	15	9	8	25	20	3	2	12	20	26	25	27	−2	−1	12	16	31	34	15	9	14	17	18	30	15	15.8
Quakertown	Maximum	40	38	33	37	27	29	30	31	30	29	37	35	28	38	45	54	48	34	40	30	23	26	33	44	50	48	29	28	39	36	53	36.2
	Minimum	25	23	24	23	18	20	21	15	9	10	18	17	12	14	31	39	32	30	27	8	10	8	11	26	29	25	20	20	21	22	20	20.3
Reading[3]	Maximum	39	39	36	38	28	30	33	30	35	29	41	36	30	40	47	57	47	37	43	21	26	28	43	47	55	45	32	29	40	33	45	37.5
	Minimum	32	27	32	26	24	22	26	24	17	20	24	22	19	15	38	37	35	35	18	12	18	15	21	35	36	24	23	22	29	26	27	25.2
Ridgway[2]	Maximum	33	29	38	30	21	25	29	31	29	30	32	24	19	34	40	50	38	40	40	15	18	35	41	54	57	54	30	29	38	33	43	34.1
	Minimum	25	6	8	23	16	13	15	19	−5	0	20	23	−1	−3	−3	19	34	32	34	1	1	9	9	17	24	21	13	13	12	11	27	14.0
Scranton[3]	Maximum	34	26	29	35	23	28	24	25	25	29	36	34	25	35	40	46	41	37	40	20	19	21	35	44	48	39	30	25	37	30	40	32.3
	Minimum	25	16	25	19	15	18	14	14	5	14	25	19	14	12	30	28	33	34	13	9	8	4	20	31	38	19	18	20	21	22	24	19.5
Selingsgrove	Maximum	37	38	32	37	27	30	30	29	24	29	39	38	29	33	40	49	45	46	42	33	22	23	22	44	46	48	32	32	39	38	42	35.3
	Minimum	28	21	25	25	21	6	20	19	1	15	20	26	13	9	29	29	35	36	31	8	10	10	11	21	35	28	18	20	14	24	25	20.4
Sharon	Maximum	35	35	32	36	24	25	28	28	27	31	33	31	22	34	34	45	39	37	37	19	26	33	45	57	57	34	31	31	38	38	40	34.3
	Minimum	24	24	29	21	18	17	25	14	6	27	29	19	7	10	25	28	31	31	7	0	12	18	18	37	30	17	17	27	25	35	36	21.4
Somerset	Maximum	33	45	43	35	17	24	30	32	27	31	31	35	22	35	35	50	52	56	50	20	32	45	52	56	65	44	27	27	31	35	46	37.5
	Minimum	28	26	32	17	13	13	21	26	24	15	24	17	5	−3	29	32	38	38	13	0	13	13	22	29	36	21	17	19	21	25	30	21.1
Springs	Maximum	33	45	43	48	15	23	30	30	26	30	31	34	22	38	34	49	53	58	48	18	31	43	53	58	63	42	24	25	26	31	45	36.9
	Minimum	22	27	32	15	11	11	19	25	20	9	22	13	8	2	28	32	39	37	9	−2	11	14	22	29	33	19	16	17	19	23	27	19.6
State College[3]	Maximum	35	30	30	38	21	24	27	25	24	28	37	37	21	32	36	53	42	40	39	16	21	26	43	47	54	33	28	24	25	26	31	33.0
	Minimum	30	20	27	21	16	16	24	14	3	21	28	16	9	10	31	36	32	32	10	1	16	8	16	37	33	20	17	19	21	26	28	20.5
Stroudsburg	Maximum	43	38	35	37	28	30	32	33	33	32	35	35	33	37	43	53	52	35	40	35	22	28	29	44	53	52	36	36	41	41	50	37.8
	Minimum	25	17	22	23	17	19	14	15	5	11	17	19	12	7	25	28	33	30	31	10	13	7	13	24	33	28	20	20	18	21	22	19.3
Towanda	Maximum	37	32	33	37	26	31	28	27	28	31	35	35	26	32	40	52	45	36	41	24	17	19	35	41	47	40	30	25	37	30	46	33.6
	Minimum	27	13	22	21	14	17	8	9	−1	9	25	22	10	5	25	23	29	27	22	7	7	2	14	30	37	19	17	19	18	20	26	17.4
Uniontown	Maximum	35	51	49	54	24	31	33	33	30	36	34	37	26	38	40	56	52	60	52	22	37	47	58	70	66	47	34	33	44	39	46	42.4
	Minimum	32	30	32	24	19	16	25	29	21	23	30	23	17	12	34	36	40	38	19	6	19	21	29	35	47	23	22	26	20	31	36	26.3
Vandergrift[3]	Maximum	37	43	40	49	25	29	38	34	30	35	37	39	24	37	39	56	44	51	47	20	32	40	52	64	64	34	34	31	40	37	48	39.7
	Minimum	31	25	30	22	19	17	25	24	20	26	30	19	11	12	33	33	38	39	14	6	18	19	26	34	33	23	22	21	22	31	35	24.5
Warren	Maximum	35	27	32	37	22	27	30	29	31	32	30	32	23	33	34	45	36	39	42	16	18	40	40	52	50	29	32	30	41	36	40	33.6
	Minimum	22	8	16	17	15	13	18	8	0	21	25	14	8	8	17	16	30	31	10	1	4	10	18	32	28	17	15	19	16	29	30	16.6
Waynesburg	Maximum	34	52	49	35	23	29	33	33	27	36	35	39	27	37	40	60	52	52	49	24	37	50	59	69	66	43	35	33	45	37	46	41.5
	Minimum	30	29	31	21	17	14	25	25	19	22	28	20	11	8	32	35	35	34	15	4	15	17	26	36	43	21	21	24	17	30	35	23.9
Wellsboro[2]	Maximum	35	27	36	34	25	30	28	29	30	28	32	28	24	35	35	51	30	38	36	17	13	18	38	44	51	25	28	23	33	32	43	31.5
	Minimum	26	10	11	16	12	13	13	11	−9	−10	19	26	11	5	14	22	29	25	27	3	2	−1	1	12	30	24	15	15	15	17	23	13.8
West Chester	Maximum	41	36	34	39	28	31	33	32	33	31	40	35	31	40	49	52	52	38	42	25	26	29	38	48	54	46	30	28	37	33	44	37.3
	Minimum	28	26	29	27	23	20	25	22	17	20	24	26	16	14	33	35	38	33	23	12	17	13	19	31	34	28	22	22	24	25	26	24.3
Wilkes-Barre[5]	Maximum					25	30	25	27	27	29	36	34	27	35	40	45	39	36	41	22	18	20	36	41	45	38	32	27	40	31	43	32.9[d]
	Minimum					17	20	13	16	7	14	25	18	13	12	29	30	34	33	12	9	9	6	15	36	36	19	19	21	21	22	26	19.7[d]
Williamsport	Maximum	35	37	34	32	28	31	31	30	28	29	37	38	31	31	41	42	41	38	41	28	19	22	29	41	44	41	33	31	41	39	44	34.5
	Minimum	31	22	25	25	21	18	22	20	6	18	25	30	15	15	30	29	35	32	22	8	14	8	15	28	37	27	18	28	24	24	28	22.4
Williamstown	Maximum																																
	Minimum																																
Woodward[5]	Maximum	30	28	27	30	18	22	24	22	26	21	30	27	18	30	32	45	43	32	32	12	15	22	36	39	52	28	25	20	32	25	39	28.5
	Minimum	19	14	22	14	11	12	18	10	10	16	21	9	6	11	25	29	30	30	1	−1	5	3	17	31	28	14	13	15	18	20	23	15.9
York	Maximum	40	44	42	39	30	32	36	35	31	31	43	42	31	42	48	59	55	43	44	32	30	32	35	52	62	59	32	32	42	36	48	40.6
	Minimum	27	25	32	30	24	18	26	27	19	16	22	27	14	10	36	32	41	34	31	13	15	13	17	25	35	30	22	22	26	26	23	24.5

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

1.05
1P

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. FEBRUARY, 1943. No. 2.

GENERAL SUMMARY.

The average temperature for the State was well above normal and an average daily excess of 0.7° has been accumulated this year. This is in contrast to 1942 when, in the same period, there was a deficiency of 1.7°. All but a few scattered stations reported averages above their normals. Maxima were reported by most stations about the 23d, while minima occurred, generally, about the 15th. Extremes were well within the range of February absolute temperatures.

Precipitation was frequent but light falls brought the average for the State to slightly over half the normal amount. During the first two months of the year, a deficiency of 1.61 inches has been accumulated. With the exception of a small area in the northwest portion, stations reported amounts below their normals.

Snow was reported frequently but amounts were comparatively small. Some inconvenience was reported about the middle of the month when high winds drifted moderate amounts of snow. The snow cover decreased steadily and was generally inadequate.

Sleet and glaze were reported on scattered dates but caused only local difficulties. Thunderstorms were reported by many western stations about the 4th and 20th and at some eastern stations about the 24th. High winds were reported on various dates.

Streams rose somewhat toward the end of the month but crested well under flood stages. One child was drowned when a small bridge on which he was standing was struck by ice and swept away. Three boys were drowned when they went boating in a swollen river near Lewistown.

G. W. S

TEMPERATURE.

The mean temperature for the State, as determined from the reports of 74 stations, was 29.9°, which is 1.5° above the 56-year normal for February. The highest monthly mean was 37.4° at Marcus Hook, Delaware County, and the lowest was 22.4° at Kane, McKean County. Extremes ranged from a maximum of 75° at Phoenixville, Chester County, on the 24th, to a minimum of −27° on the 15th at Bradford and Kane, both in McKean County.

PRECIPITATION.

The average precipitation for the State, as determined from the observations at 188 stations, was 1.71 inches, which is 1.11 inches below the 56-year normal for February. The greatest monthly amount was 3.33 inches at Warren, Warren County, and the least was 0.49 inch at Lawrenceville, Tioga County. The greatest amount recorded in any 24 consecutive hours was 0.90 inch at Mercer, Mercer County, on the 10th.

The average snowfall for the State was 7.8 inches, which is 2.9 inches below the 56-year normal. The greatest monthly snowfall was 25.1 inches at Johnstown, Cambria County. The greatest fall for any observational day was 7.0 inches on the 8th at Warren, Warren County, and on the 27th at Lebanon, Lebanon County; Orangeville, Columbia County; and Pottsville, Schuylkill County.

ERRATA

Annual, 1942.—Page 88, Dushore, total precipitation for December should be 4.44 inches; total annual precipitation should be 38.65 inches.

Annual, 1942.—Page 89, East Waterford, total precipitation should be 47.85 inches.

October 21, 1942 to January 31, 1943.—Marienville's precipitation data for this period are questionable.

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	28.4	63	−31	2.50	7.2	9	7	11	11
1889	23.0	60	−27	1.96	8.7	9	7	9	12
1890	37.0	79	0	4.32	5.6	11	6	8	14
1891	34.8	70	−7	4.61	5.6	12	6	8	14
1892	31.6	62	−18	1.75	6.3	9	7	7	15
1893	27.3	60	−16	5.92	26.4	14	6	8	14
1894	27.6	64	−24	3.53	22.7	11	8	9	11
1895	20.2	60	−26	1.22	13.2	6	10	10	8
1896	29.4	65	−21	4.90	10.5	11	9	7	13
1897	30.6	67	−14	3.28	10 3	9	7	8	13
1898	29.4	72	−16	2.23	6.1	9	8	8	12
1899	22.7	67	−39	4.05	23.6	12	8	7	13
1900	27.1	81	−17	4.22	7.0	11	8	6	14
1901	21.7	57	−22	0.96	7.9	8	10	9	9
1902	23.9	64	−24	3.99	14.3	10	9	7	12
1903	30.5	68	−17	4.49	10.8	10	10	7	11
1904	21.8	68	−27	2.41	6.8	11	10	7	12
1905	20.8	59	−25	1.70	9.7	8	10	8	10
1906	28.0	79	−21	1.70	6.8	7	12	7	9
1907	22.8	56	−20	1.91	15.2	8	12	7	9
1908	24.8	64	−29	4.65	23.6	11	10	7	12
1909	35.8	73	−9	4.84	4.0	14	6	7	15
1910	26.6	65	−22	3.59	15.0	11	9	7	12
1911	31.0	66	−8	2.27	11.1	10	7	6	15
1912	23.7	69	−27	2.20	6.5	8	11	8	10
1913	27.4	67	−9	1.84	5.7	9	12	5	11
1914	21.8	65	−27	2.78	23.5	10	11	6	11
1915	33.3	73	−9	3.90	2.0	9	9	5	14
1916	25.7	67	−22	3.08	14.3	12	8	7	14
1917	25.6	68	−29	1.46	8.0	10	9	9	10
1918	28.2	69	−34	2.46	2.9	9	10	8	10
1919	32.0	66	−7	2.23	4.7	11	12	6	10
1920	25.6	62	−20	2.44	18.3	11	9	8	12
1921	32.8	76	−15	2.59	15.4	10	8	8	12
1922	33.0	74	−19	1.99	7.7	10	9	9	10
1923	24.6	58	−20	2.16	11.7	12	8	8	12
1924	26.9	70	−25	2.94	16.3	10	11	7	11
1925	35.6	71	−11	2.16	2.1	8	11	7	10
1926	28.7	65	−13	4.06	23.3	12	7	6	15
1927	35.0	69	−8	3.48	16.5	13	7	8	13
1928	30.3	65	−11	3.42	6.7	11	10	7	12
1929	28.0	69	−20	2.87	11.7	9	10	8	10
1930	35.1	80	−18	2.69	3.9	11	9	6	13
1931	31.9	66	−16	1.98	5.2	9	11	5	12
1932	35.3	83	−8	1.64	2.9	10	10	8	11
1933	31.3	68	−15	2.30	9.4	10	12	7	9
1934	18.1	59	−34	1.31	14.4	7	13	7	8
1935	28.9	66	−26	2.67	14.4	12	8	7	13
1936	21.5	69	−27	2.33	12.3	9	11	7	11
1937	31.4	77	−12	2.32	6.5	10	9	8	11
1938	34.1	74	−4	2.85	3.9	12	8	6	14
1939	33.7	74	−10	4.45	6.2	13	10	6	12
1940	29.4	63	−19	3.16	19.3	13	9	5	15
1941	26.5	62	−14	1.04	7.6	8	10	7	11
1942	25.9	58	−21	2.62	9.4	10	10	6	12
1943	29.9	75	−27	1.71	7 8	12	9	8	11
Period	28.4	83	−39	2.82	10.7	10	9	7	12

Climatological Data for February, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	30.5	+1.1	65	23	− 5	15†	1.93	−1.43	0.55	11-12	5.1	10	10	9	9	nw.	Allent'n-Bethlehem Gas Co.
Altoona(near)	Blair	1,615	56	29.2	+1.7	66	23	−10	16	1.68	−0.65	0.41	12-13	12.8	10	14	4	10	w.	City of Altoona.
Bedford	Bedford	1,120	11	32.6	+1.9	67	23†	− 5	16	1.16‖	−0.73	0.35	11	3.0	13	10	3	15	nw.	Charles C. Lee.
Bethlehem	Northampton	364	57	30.7	−0.6	66	23	− 7	15	1.83	−1.28	0.57	11	6.8	7	16	3	9	nw.	Lehigh University.
Burnt Cabins(near)	Huntingdon	990	2	30.1	.....	68	23	− 4	15†	0.97‖	.....	0.42	11	4.0	6	13	6	9	w	Penna. Turnpike Comm.
Carlisle	Cumberland	473	74	32.5	+2.3	67	24	0	15	1.43	−1.82	0.49	11	4.0	7	15	5	8	sw	Clarence E. Miller.
Chambersburg	Franklin	600	46	34.2	+2.4	70	23	0	15	1.29	−1.37	0.48	6	3.4	12	10	8	10	nw.	William B Spear.
Coatesville	Chester	431	56	33.2	+2.7	65	24	0	15	1.64	−2.13	0.65	11	3.5	6	9	8	11	nw.	Howard L. Pyle.
Curwensville (near)	Clearfield	2,215	1	23.5	.....	59	23	−15	15	3.06	.....	0.52	6-7	.....	17	....	....	....	.....	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	2	23.4	.....	64	23	−22	16	2.25	.....	0.57	11-12	15.5	11	12	7	9	sw.	Carl E. Bigger.
Emporium	Cameron	1,033	57	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ephrata	Lancaster	365	46	33.6	+3.2	67	23†	1	15	1.84	−1.11	0.65	11	7.9	8	13	6	9	s.	Ira J. Keath.
Freeland	Luzerne	1,970	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	w.	Andrew B. Evansha.
George School	Bucks	184	37	33.9	+2.6	67	23	− 1	15	1.67	−1.39	0.66	11	0.9	11	18	4	6	nw	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	34.5	+3.1	69	23	2	15	1.30	−1.46	0.60	11	3.0	7	14	8	6	w.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	27.8	+0.6	63	23	−14	16	1.92	−1.35	0.70	10-11	10.0	10	15	3	10	w	Miss Sallie M. Johnson.
Hanover	York	600	39	33.6	+0.4	71	23	2	15†	1.25	−1.56	0.50	11	0.2	9	16	2	10	w.	Evening Sun.
Harrisburg Airport	York	351	74	33.5	+3.3	70	23	2	15	1.42	−1.54	0.72	11	4.6	7	7	9	12	w.	U. S. Weather Bureau.
Hawley	Wayne	900	25	25.8	0.0	62	23	20	16	1.68	−1.14	0.39	6	10.7	13	14	7	7	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	28	33.9	+1.2	65	20	5	15	1.20	−1.52	0.53	11	4.5	11	13	7	8	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	56	29.3	−0.1	70	23	− 9	16†	1.37	−1.32	0.24	6	3.5	14	9	7	12	w	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	33.8	+2.8	69	24	2	15†	1.94	−0.73	0.72	11	4.0	8	18	5	5	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	28.9	+4.1	64	23	−15	15	0.49	−1.34	0.15	11	3.0	5	7	15	6	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	30.6	+1.1	69	23	− 2	16	1.59	−1.54	0.45	12	9.5	9	17	6	5	nw.	Lebanon Valley Gas Co.
Lewistown	Mifflin	467	5	33.8	.....	69	23	− 1	15	1.65	.....	0.40	17	§	11	7	6	15	.....	Penna. Edison Co.
Lock Haven	Clinton	557	53	28.6	+0.2	67	23	− 8	16†	1.39	−1.15	0.36	10-11	5.0	12	13	5	10	ne.	William R. Kelley.
Marcus Hook	Delaware	12	17	37.4	+2.4	66	23	6	15	1.95‖	−1.01	0.64	11	0.7	9	20	3	5	sw.	Sun Oil Co.
Martinsburg	Blair	1,493	1	28.8	.....	64	23	− 5	14†	1.09	.....	0.46	6	.....	10	...	...	...	.....	Civil Aeronautics Authority
Montrose	Susquehanna	1,176	38	22.6	−0.3	56	23	−20	15†	1.69	−0.39	0.42	11†	18.1	13	11	4	13	se.	Harry S. Fancher.
Mt. Pocono	Monroe	1,914	2	23.2	.....	56	23	−19	15	2.41	.....	0.65	11	17.7	12	9	8	11	nw.	U. S. Weather Bureau.
Orangeville‡‡	Columbia	610	5	27.0	.....	64	23	−13	16	1.77	.....	0.63	11	10.0	9	12	5	11	w.	Benjamin F. Conner.
Palmerton	Carbon	455	25	29.5	+0.5	61	23	−16	16	2.17	−0.22	0.64	11	8.2	9	9	10	9	w	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	2	34.1	+1.6	67	23	3	15	1.89	−1.43	0.71	11	1.0	10	4	14	10	nw	U. S. Weather Bureau.
Philipsburg	Centre	1,916	1	24.3	.....	62	23	−13	15	1.97	.....	0.48	11	12.3	14	1	12	15	w	U. S. Weather Bureau.
Phoenixville	Chester	100	38	36.2	+3.9	75	24	− 2	15	1.67	−1.73	0.45	11-12	T.	11	10	10	8	w.	Phila.-Suburban Water Co.
Port Clinton	Schuylkill	407	5	31.0	+1.6	63	23†	−12	16	2.25	−1.07	0.60	11	8.0	10	23	2	3	n.	Earl E. Rarick.
Quakertown	Bucks	480	58	29.9	+1.1	63	23	10	16	1.71	−1.60	0.55	11	2.6	8	14	6	8	w.	John E. Benner.
Reading	Berks	273	73	33.6	+3.0	68	23	0	15	1.73	−1.69	0.67	11	8.0	9	10	6	12	w.	U. S. Weather Bureau.
Scranton	Lackawanna	746	49	28.4	+1.1	63	23	−13	15	0.88	−2.16	0.37	11	5.0	10	5	12	11	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	53	32.0	+3.5	64	24	2	16	1.52	−1.25	0.52	10-11	5.8	9	17	4	7	w.	Dr. George E. Fisher.
State College	Centre	1,217	59	29.9	+3.1	66	23	− 7	15	0.99	−1.48	0.28	10-11	3.3	10	2	17	9	nw	Penna. State College.
Stroudsburg	Monroe	440	29	30.1	+2.7	64	24	−21	16	2.28	−1.07	0.62	13	7.6	12	9	9	10	w	Metropolitan Edison Co.
Towanda	Bradford	754	49	29.0	+3.9	64	23	−14	15	0.97	−1.02	0.37	10-11	4.0	9	7	13	8	w.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,819	73	24.8	−0.2	64	23	−16	15†	0.85	−1.17	0.18	11	3.0	11	13	8	7	s.	M. S. Bliss.
West Chester	Chester	440	94	34.2	+3.6	66	24	1	15	1.92	−1.58	0.71	11	6.5	10	17	5	6	w.	Clyde T. Saylor.
Wilkes-Barre	Luzerne	544	5	28.8	.....	62	23	−12	15	1.30	−1.28	0.44	11-12	4.0	11	5	8	15	s.	U. S. Weather Bureau.
Williamsport	Lycoming	550	57	31.4	+3.5	65	23	−10	15	1.43	−1.07	0.38	11	4.3	13	11	12	5	w.	John D. McEwen.
Woodward(near)	Centre	2,208	2	25.0[a]	.....	61[a]	23	−13[a]	15	1.41	.....	0.36	11	...	13	....	....	....	.....	U. S. Weather Bureau.
York	York	400	55	34.6	+3.3	70	23	1	16	1.10‖	−1.65	0.51*	11	.....	8	12	9	7	w.	York Water Co.
Division mean		....	....	30.4	+2.0	75	24	−22	16	1.61	−1.21	0.80	10-11	6.2	10	11	7	10	w.	
Ohio Drainage																				
Bradford	McKean	1,680	2	25.6	.....	61	23†	−27	15	2.79	+0.17	0.65	10-11	16.0	14	3	13	12	w.	City Water Dept.
Brookville	Jefferson	1,400	53	25.6	+0.6	62	23	14	16	1.62	−0.51	0.39	6-7	...	15	....	....	....	.....	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	29.4	+1.1	65	23†	−10	18	1.76	−0.64	0.67	11	11.5	14	8	16	4	w.	Butler Eagle.
Claysville	Washington	1,170	38	28.8	−2.8	66	23	−10	16	2.10	−0.37	0.60	10-11	7.9	13	10	8	10	sw	Walter B. Paget.
Coudersport	Potter	1,653	16	26.1	+1.5	62	23	−20	15	2.15	−0.73	0.45	1	10.0	16	9	5	14	sw	Philip R. Shaw.
Derry	Westmoreland	1,150	46	32.4	+2.4	67	24	−11	16	2.02	−1.00	0.42	12-13	10.5	14	11	7	10	w.	Miss N. Dixie Wineman.
Donora	Washington	761	17	35.1	+0.5	70	23	− 1	15	1.34	−0.90	0.36	10-11	2.9	13	0	2	26	w.	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	25.2	−2.1	62	23	−10	15†	1.77	−0.94	0.32	20-21	12.3	15	8	2	18	w.	Miss Emma H. Eastman.
Franklin	Venango	987	69	27.0	+1.2	65	23	11	16	2.63	+0.14	0.64	10-11	15.0	15	9	6	13	w.	William K. Fuller.
Greensburg	Westmoreland	1,160	34	33.2	+1.7	67	23	− 7	16	2.44	−0.31	0.46	13	14.9	14	1	19	8	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	42	30.2	+0.7	65	23†	−12	16	1.97	−0.89	0.39	13	12.7	13	9	7	12	w.	Indiana State Teachers Col.
Johnstown	Cambria	1,650	61	30.6	+0.1	67	23	−10	16	2.76	−0.72	0.67	13-14	25.1	15	10	9	6	sw.	Robert Tross.
Kane	McKean	1,938	10	22.4	+0.2	60	23	−27	15	2.80	0.05	0.44	6	11.6	17	3	7	18	w.	U. S. Weather Bureau.
Meadville	Crawford	1,065	49	24.6	+0.2	62	23	−18	15†	2.68	+0.16	0.82	10-11	19.0	13	5	9	14	sw.	City of Meadville.
Midland	Beaver	780	6	33.0	.....	66	23	− 3	15	1.79	.....	0.87	10-11	2.7	11	5	8	15	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	32.2	+3.5	67	23†	− 8	15	2.19	0.00	0.72	10-11	5.6	18	2	18	8	nw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	31.6	+0.7	66	23	5	15	1.72	−0.90	0.49	10-11	5.8	14	4	8	16	w.	U. S. Weather Bureau.
Pymatuning Dam	Crawford	1,050	2	24.7	.....	62	23	−15	15†	2.27	.....	0.80	10-11	.....	14	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1,371	36	24.0	−1.3	63	23	−17	16†	1.85	−0.52	0.47	10-11	11.5	13	7	7	14	s.	West Penn Power Co.
Sharon	Mercer	940	30	31.4	+3.1	65	23†	− 8	15	2.39	−0.33	0.86	10-11	7.0	13	18	9	1	sw.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,190	76	28.6	+1.5	64	23	−13	18	1.25	−2.65	0.25	6	10.8	16	1	13	14	sw.	D. I. Grove.
Springs	Somerset	2,500	26	27.0	−0.7	61	23	−11	16	1.74	−1.45	0.34	24	7.1	17	4	3	21	w	Allen E. Yoder.
Uniontown	Fayette	1,060	55	35.9	+3.2	68	23	− 4	16	1.28	−1.59	0.43	10-11	5.0	13	7	16	5	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	29	33.4	+1.6	68	23	− 1	15	1.51	−1.30	0.62	10-11	§	11	8	17	3	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	54	27.2	+2.3	64	23	−20	15	3.33	+0.99	0.68	10-11	20.9	18	8	1	19	w.	Harold L Johnson.
Waynesburg	Greene	1,100	12	34.0	+1.4	68	23	− 8	16	1.33	−0.96	0.46	6	2.2	8	4	11	13	w.	Thomas S Knox.
Division mean		....	....	29.2	+0.8	70	23	−27	15	2.06	−0.76	0.90	10	10.7	14	7	9	12	w.	
Lake Drainage																				
Erie	Erie	670	70	28.4	+1.5	62	23	− 9	15	1.25	−1.33	0.42	24	7.1	13	5	6	17	w.	U. S. Weather Bureau.
State mean		....	....	29.9	+1.5	75	24	−27	15	1.71	−1.11	0.90	10	7.8	12	9	8	11	w.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. * Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, [a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., missing from the record.

‡‡ Formerly Bloomsburg [near]

W. B. O., Philadelphia-6-19-43-975

Daily Precipitation for February, 1943

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2]	Pike	.07					T.	.60			.08	.40		.55				T.			T.					.08		.07					1.85
Hawley[2]	Wayne				.04	T.	T.	.39	.07	T.	.20	.33	.03	.29	.03		.03	.02			.09					.07		.09					1.68
Hollisterville[2]	Wayne	T	T.	T.	.05		T.	.38	.08	.03	.05	.13	.44	.01	.23	.05		T.	.04			.10					.12		.09	T.				1.80
Lakeville[2]	Wayne						T.	.41	.11			.24	.32	T.	.28	.09		.20	T.			.09				T.		.10					1.93
Matamoras[2]	Pike							.47	.07			.07	.47		.48							.06						.12					1.74
Mount Pocono[2]	Monroe	.07	T.		.05		.34	.11	.06	T.	T.	.65	T.	.61	.01	T.		T.	T.		T.	.11			.15	T.	.20	.05					2.41
Pleasant Mount†	Wayne																																
Stroudsburg	Monroe	.14			.02	.01	.42	.13	.09		T.	.56		.51	.11										.17		.06	.06					2.28
Tanners Falls†	Wayne				.04		.35					.62		.26							.07				.10		.08						1.52
LEHIGH																																	
Allentown[2]	Lehigh	.04				.05	.22	.31				.10	.55	.01	.38	T.						T.				.04	T	.23					1.93
Bethlehem†	Northampton				T.		.44				.03	.57		.38	T										.08		.23	.10					1.83
Blakeslee Corners†	Monroe	.07			.02		.23	.02			.10	.60		.20	.04						.03				.21		.02	.04					1.58
Gouldsboro[2]	Wayne				.16		.13	.14	.10			.27	.48	.11	.25	.05			.03			.04						.18					1.94
Lansford[2]	Carbon	.08			T.		.03	.35	T.			.28	.14	.03	.18	.15			T.			.02				.20		.32					2.08
Mauch Chunk	Carbon	.05					.38	.12	T.		T.	.80	.05	.34	T.							.05			.22		.22	.27					2.50
Merwinsburg[2]	Monroe																																
New Tripoli	Lehigh	.11			.01	.01	.51	.02			.03	.64		.38	T.			T.			T.				.13		.17	.06					2.07
Palmerton†	Carbon	.07			T.		.29				.01	.64		.56				T.			.02				.18		*	.40					2.17
Zionsville	Lehigh	*			*	*	.81				.03	.61		.45											.08		.46	.16					2.63
SCHUYLKILL																																	
Conshohocken	Montgomery	.10					T.				.08	.41		.68	T.										.01		.18	.15					1.61
Fredericksville[2]	Berks	.11			T.	.02	.27	.20	T.			.21	.46	.10	.26											T.	T.	.32	T.				1.95
Freeland[2]	Luzerne	*			*		.50	.18	T.	.02		.18	.50	*	.22	T.		T.	T.			.20			*	.32	T.	.43					2.55
Gratersford[2]	Montgomery	.11			.02	.17	.16	.69				.13	.71	.02	.21													.19					2.41
Phoenixville[2]	Chester	.10			.04	.06	.11	.32				.11	.45	T	.29	T.			T.							.02	*	.17					1.67
Port Clinton	Schuylkill	.08			.06		.25	.18				.60		.30								.10			.18		.25	.25					2.25
Pottstown[2]	Montgomery	.09			.02	.09	.18	.24				.10	.46	T.	.30	.02			T.			.01				T.		.21					1.72
Pottsville[2]	Schuylkill				.03	T.	.03	.18				.37	.32	T.	.25				T.			.02				.18		.49					1.87
Reading†[1]	Berks				.03	.02	.37				.01	.67		.21	T.										.04		.26	.12					1.73
Wernersville[2]	Berks																																
LOWER DELAWARE																																	
Coatesville	Chester	.04			.13		.32				T.	.65		.30													.20					1.64
Doylestown	Bucks				.05		.29	.24			T	.70		.36								.01			.01		.01	.04					1.71
George School	Bucks	.06			.09	.01	.33	.10			.02	.66	.02	.30	T.										.01		T.	.07					1.67
Marcus Hook[2]	Delaware	T.			.30	.07	*	.42			T.	.07	.64	T.	.22	T.										.11		.12					1.95
Philadelphia Airport Station[1]	Philadelphia	.09			.21	.02	.37				.02	.71		.18	T			T.				.05			.19		T.	.02					1.89
City Office†[1]	Philadelphia	.07			.14		.40				T.	.72		.17	T.			T.				.05			.03		T	.10					1.68
Franklin Inst.[2]	Philadelphia				.09	.08	.10	.31				.17	.53	.04	.21							.04						.04					§
Shawmont	Philadelphia	.10			.09	.02	.31	.17			.02	.80		.42	T.							.05			*	.02		.08					2.08
Quakertown	Bucks	17			T.		.42	.15				.55		.26											.08		.05	.03					1.71
West Chester	Chester	.06			.09	.01	.23	.19			T.	.71		.39								.03			T.		.14	.07					1.92
West Grove[2]	Chester	.08			.12	.08	.12	.30				.25	.45	T.	.33							.04				T.		.18					1.95
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg†	Tioga	.07	.04	.01	.06	.04	.05	.02	.03			.09		.10	.06		.04	.07	.04	.04	.10	.03			.19	.03	.13	.04	.03				1.31
Centerville[2]	Bradford						.10	.20				.23	.13	.05	.03										.05		.22						1.01
Covington[2]	Tioga			.30				.22	.03						.15							.10			.14	T.	T.	.04					0.98
Lawrenceville	Tioga	T.					.10	T.				.15		.05	T.			T.			T.				.10	T.	T.	.09	T.				0.49
NORTH BRANCH																																	
Canton[2]	Bradford	.12			.05	T.	.03	.25	.07			.04	.33	.05	.07				.02			.02			.10	.09		.10					1.34
Danville[2]	Montour				T.		.12	.21				.16	.41	.02	T.	.01		T.	T.			.05			T.	.20		.53					1.71
Kellogg Mt Tower[2]	Bradford	T.				.03		.25	.02			.01	.30	.01	.03	T.		T.	.02			.01			T.	.19	T.	.09					0.96
Millville†	Columbia				.03		.32				.06	.46		.18							.13				.22		.23	.02					1.65
Montrose[2]	Susquehanna		T.		T.	.14	T.	.36	.06	.01		.04	.38	.02	.05			.02	.04			.03				.42		.12	T				1.69
Orangeville[2]	Columbia				.04		.06	.23				T	.63	.04	.09				T			.12				.14		.42					1.77
Orwell[2]	Bradford				.02		.04	.14	T.	.01		.21	.26	T.	.03	T.	T		.01						.12	.09	T	.19					1.12
Pikes Creek†	Luzerne	.08			.05		.39	.01	.04			.46		.19							.15	.01			.21		.54						2.13
Rush[2]	Susquehanna	T.	T.	T.	T.	T.	T.	.15	.10	T.		T.	.65	T.	.30	.10			T.			.10			T.	.30							1.70
Scranton†[1]	Lackawanna		T.		.01		.17	.02	T.		T.	.37		.13	.05	T.		T.			.02				.07	T.	.01	.03	T.				0.88
Susquehanna[2]	Susquehanna					.07		.26	.05	T.		.05	.56		.09	T.						.02				.31		.09	T.				1.50
Towanda	Bradford	.02	T.		.06		.24	T	T.		T.	.37	T.	.04	T	T.		T.	T		T.	T.			.14	T.	.04	.05	.01				0.97
Tunkhannock†	Wyoming				.01		.30					.36		.14							.02				.16		.14	.03					1.16
Wilkes-Barre[5]	Luzerne	.27	T.	T.	.02		.21	.08	T.		T.	.44		.08	T.			.01			.06				.05	T.	.05	.03	T.				1.30
WEST BRANCH																																	
Ansonia[2]	Tioga				.19		.06	.05	.02			.10	.02	.07	.07			T.	T.			T.			.09	T.	.01	.10					0.78
Bald Eagle†	Blair	.06					.34				.02	.14	.02	.17							.15				.10		.13						1.13
Berwinsdale[2]	Clearfield	T.	T.		.32		.10	.25		T.		.26													.26	.04		.14					§
Carter Camp†	Potter	.05					.12	.07			.02	.18		.15	.01		.15										.09	.03					0.87
Cedar Run[2]	Lycoming				.12		.20	.12	.09			.18	.12		.12				.04			.10			.18	.08		.23					1.58
Clearfield[2]	Clearfield	.20	T.	.01	.17	.08	.12	.30	.10	T		.27	.09	.30	.15	.02		.10	.10			.20			.18	.12	T.	.21	.15				2.87
Curwensville[5]	Clearfield	.14	.03	T.	.09		.41	.34	T.		.05	.47	.03	.24	.07	.01	T.	.17			.12				.36	T.	.41	.08	.04				3.06
Driftwood†	Cameron	.07			.11		.07	.04			.04	.18		.16	.01						.11				.20		.11	.07					1.17
Du Bois(near)	Clearfield	.16			.10		.14	.08	.02		.02	.37		.07	.03			.06			.01				.29	T.	.04	.05	T.				1.44
Dushore†	Sullivan	.07			.08		.22	08	.01			.39		.04											.35		.15	.03					§
Eagles Mere[2]	Sullivan	.10				.03	T.	.36	.05			T.	.57	.05	.09				.07			.03			T.	.49	T.	.41					2.25
Emporium[2]	Cameron																																
English Center†	Lycoming	.12			.12		.35				.02	.30	.01	.08											.12		.04						1.16
Galeton	Potter	T.	T.		.33		.07	.03	T.		T.	.09		.12	T.			.04			.09	.01			.08	.06	T.	.11	.02				1.05
Karthaus[2]	Clearfield	.11			.11	.02	.17	.06	.15			.15	.02	.10	.12							.21			.14	.05		.17					1.58
Lock Haven[2]	Clinton				.08		.22	.20	T.			.36	.06	.03	.04	T.		.03				.02			.25	.01		.09					1.39
Medix Run†	Elk	.03			.14		.21	.13			.02	.20		.09	.03			.03			.09				.28		.05	.04					1.34
Philipsburg[5]	Centre	.08	T.	T.	.06		.26	.07	T		.01	.48	.05	.26	.02		T.	.04			.16				.20	T.	.27	T.	.01				1.97
Renovo[2]	Clinton	.23			.05	.04	.05	.08				.20	.04	.03	.18			T.				.03			.14	.06		.17					1.30
Shaffers Path[2]	Lycoming					.02	.10	.27	T.			.09	.31	.01	.04			T.	.02			.01			.01	.28		.19					1.35

Continued on page 11.

Daily Precipitation for February, 1943—Continued from page 10

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Susquehanna Basin (continued)																															
WEST BRANCH (continued)																															
State College‡	Centre	.01	T.	T.	.01		.27	T.	T.		.02	.26	T.	.12	T.			.02			.09				.13	T.	.06	T.	T.				0.99
Tamarack Tower[2]	Clinton	.08	T.	T.	.04	.05	.04	.10	.16	T.		.04	.21	.01	.21	.03		.02	T.			.09			.09	.08	T.	.25	T.				1.50
Wellsboro[2]	Tioga	.17			.05	.04		.15	.03			.03	.18	T.	.05			T.				T.			.07	.02		.06				0.85
Williamsport[2]	Lycoming				T.	.01	.05	.19	.03			.10	.38	.01	.05			T.	.02			.07			.06	.31		.15				1.43
JUNIATA																															
Altoona(near)	Blair	T.	T.		.08		.06	.08	T.		T.	.22		.41	.20			T.				.13			.23		.21	.06				1.68
Bedford[2]	Bedford	.03			.05	.05	.18	.12	.10			.30	.05	*	.10							.03			T.	*	T.	.15				‖1.16
Breezewood Intch[3]	Bedford				.02		.34	T.				.22	T.	T.	T.			T.							.03		.02					†
Buffalo Mills[2]	Bedford						.25		.18			.14		.07															.10			0.74
Burnt Cabins(nr.)[3]	Huntingdon				.05		.25					.42		.08							T.				.05		.12					‖0.97
Charter Oak(nr.)‡	Huntingdon	.02			*	*	*	*	.27	*	*	*	*	*	*	.30	.03	.08							.12		*	*	.10			0.92
East Waterford[2]	Perry	T.	T.	T.	.04	.01	.13	.20	T.	T.		.06	.37	.04	.01	T.	T.	T.	T.			.10				.15	T.	.19	T				1.30
Huntingdon[2]	Huntingdon	.03			.03	.04	.24	.20	T.			.22	.13	.11	.05			T.	T.			.01			.01	.20	.01	.09					1.37
Lewistown[2]	Mifflin				T.	.05	.12	.20				.08	.31	.03	T.			T.	.40			.03			*	.23	T.	.20					1.65
Loop Mt. Tower[2]	Huntingdon	.02			.01	.01	.25	.25	.02			.15	.12	.09	.03			.04	.01			.04				.15	.04	.09					1.32
Mapleton Depot[2]	Huntingdon				.05	.02	.18	.14				.03	.34	.06	.01							.04			T.	.13		.06					1.06
Martinsburg[5]	Blair	T.	T.	.02	.03	T.	.46	T.	T.		.01	.25	.11	.05	T.			T.			.03				.06	T.	.07	T.	T.				1.09
Newport[2]	Perry	T.			T.	T.	.11	.32			T	.08	.42	.01	T.				T.			.05			T.	.13	T.	.22					1.34
Saxton[2]	Bedford	T.	T.		.01	T.	.21	.19	T.	T.		.14	.23	.11	.09	T.			T.			.01				T.	.01	.06	T.				1.06
Shade Gap‡	Huntingdon				.03		.40				.02	.34		.03							.02											§
LWR SUSQUEHANNA																															
Arendtsville[2]	Adams				.18		.36	.04				.19	.41	T.	T.							T.				T.		.31					1.49
Bloserville	Cumberland				T.		.28	.01			T.	.58		.01	T.		T.					T.			.10		.28	T.				1.26
Blue Mt. Intchg[3]	Franklin			T.	.01	.01	.45	T.			T.	.59		.02	T.						.02				.15		.17					1.42
Carlisle	Cumberland				.06		.33	T.	T.		T.	.49			T.						T	.04			.17		.24	.10				1.43
Ephrata	Lancaster	.06			.10		.30	.08			T.	.65		.12	T.				T.						T.		.28	.25				1.84
Glen Rock‡	York	.05			.11		.34				.03	.57		.06													.22					1.38
Gordon	Schuylkill				*		.14	*			.21	.70		*								.12			.21		.16	.38				1.92
Hanover[2]	York	.05			.05	.03	.28	.19				.16	.35		.05							T.				T.		.09					1.25
Harrisburg Arpt‡[1]	York	T.	T.	T.	.04		.34	T.			.01	.72	T.	.08	T.			T.			T.	T.			.06	T.	.17	T.				1.42
Holtwood[2]	Lancaster	.04			.05	.03	.10	.11				.15	.38	T.	.04							.04				.01	T.	.25					1.20
Huntsdale[2]	Cumberland	T.			.02	.07	.09	.14				.09	.42	.01	01											.10	T.	.14					1.09
Lancaster	Lancaster	.06			.10		.41	.14			T.	.72		.07								T.			T.		.12	.32				1.94
Lebanon[2]	Lebanon				.04	.05	.07	.19	T.			.14	.45	T.	.20							.02			T.		T.	.43				1.59
Manada Gap	Dauphin	.04			.05		.24	.02			T.	.72		.10								T.			.15		*	.19				1.51
Middletown[3]	Dauphin	T.		T.	.01	T.	.26	T.			T.	.53	T.	.04	T						T				.02	T.	.04					†
Millersburg‡	Dauphin			.01	.05		.34					.50		.01							.01				.32		.22					1.46
New Park	York	.12			.13		.23	.09				.67		.04													.30	.22					1.81
Penn Nursery[2]	Centre	.11			T.		.18	.21				.14	.14	.06	T.	T		T.			T.	.21			T.	.38	T.	.15					1.58
Peters Mt. Tower[2]	Dauphin	.01		T.	T.	T	.03	.19	T.			.09	.48	.01	.04			T.				.02				.19	T.	.23					1.29
Pine Grove[2]	Schuylkill	T.			.02	.05	.15	.31	.01			.25	.29	T.	.15	T						.02				.27		.28					1.80
Ringtown[2]	Schuylkill	.02	T.		.03	.06	*	.42				.26	.07	.08	.62							.10				.09		.42					2.17
Selinsgrove	Snyder				.01		.26					.52		.08				.02				.03			.18		.11	.31					1.52
Shippensburg	Cumberland				.03	.19	.33	T.			.01	.51		.08	T										.06		.23	T					1.44
Sunbury[2]	Northumberland				.07	.03	.11	.29	T.			.17	.45	.04	.01	.01		T.	.02			.05			.02	.18	T.	.44					1.83
Woodward[5]	Centre	T.	T.	.01	.03		.23	.01	T.		.03	.36	.02	.01	.05	T		.05			.14				.25	T.	.22	T.	T.				1.41
York	York	.07			.08		.19					.54		.08								.02					.06	.06					‖1.10
York Haven[2]	York	.02			.02	.01	.06	.18				.10	.63		.05							T.				.02	T.	.17					1.26
Potomac Basin																															
Chambersburg[2]	Franklin	.02			.02	.07	.31	.17				.22	.22	.01	.02							.01			T.	.02	T.	.20					1.29
Gettysburg	Adams	.06			.06		.42	.03			T.	.50		.01								T			T.		.22	T.					1.30
Hewitt(near)‡	Bedford	.05			.08		.37					.15	.06	.03							.01				.06		.02					0.83
Hyndman[2]	Bedford	T.			T.	T.	.24	.12	.04			.09	T	.10	T.							T.				.07	.05	.04					0.75
McConnellsburg[2]	Fulton	T.			T	.15	.28	T.				.14	.15	T	T.							T.				T.	T	.11					0.83
Mercersburg	Franklin	*			*	*	*				*	*		.96											*		.06					1.02
South Mt. San't'm[2]	Franklin	.02			.03	.02	.25	.08				.20	.39	T.	.05							T.					T	.20					‖1.24
GULF DRAINAGE *Ohio Basin*																															
ALLEGHENY																															
Acmetonia[2]	Allegheny	.06			.13	T.	.04	.17	.04			.56	.08	.17	.06			.01	.08			.07			.20	T.		.11	T.				1.78
Allens Mills‡	Jefferson	.06		.03	.26		.39	.22			.10	.45		.11	.05			.10			.10				.28		.07	.02	.08				2.32
Blairsville[2]	Indiana	.08	.01		.03	.02	.06	.17	.07			.24	.04	.22	.19	T.	T	T.	.03			.27			.24	.08	T.	.16	.02				1.93
Bradford	McKean	.30			.10		.23	.18	.12			.65	T	.15	.06			.07	T.		.13	T.			.49		.10	.06	.15				2.79
Brookville[5]	Jefferson	.04	.01	*	.30		.39	.05	.02		.26	.08		.13	T		T.	.05			T.				.20	T.	.06	.01	.02				1.62
Buckstown‡	Somerset				.05	.05	.20	.13	.05		.08	.13	.09	.06	.03						.05	.03			.12	.03	.16	.02					1.28
Cherry Grove‡	Warren	.01		*	.21		.40	.11			*	.60		.19	.01		.07	.03			.33			.07	.51		.05	.07	.10				2.76
Clarion[2]	Clarion	.13		.01	.27		T.	.57	.20	.01		.73	.02	.01	.13						.10	.11			.41	.05		.03	.03				‖2.90
Coudersport	Potter	.45	.01		.15		.20	.23	.11			.13	.05	.09	.10			.03			.09				.32	T.	.05	.05	.09				2.15
Crooked Crk. Dam‡	Armstrong	.02		.02	.19		.16				.11	.30		.09	.02						.02				.25		.02					1.20
Derry	Westmoreland	.13			.03		.12	.12	T.		.02	.30	.05	.42	.14	T.		.05				.20			.30		.10	.04				2.02
Dunlo‡	Cambria	.05		.07	.06		.22	.09			.15	.11	.03	.21	.08										.25		.17	.04				§
Ebensburg[3]	Cambria	.27	T.		.03	.06	.13	.12	.05			.19	.03	.05	.13			T.	T.	.02		.32			.05	.18	T.	.14	T.				1.77
Franklin[2]	Venango	.04	.05	.03	.24			.34	.33			.64	.05	.05	.05				.05	.02		.15			.43	T		.16	T.				2.63
Glen Hazel[2] (nr.)	Elk	T.	.04	T.	.32		T.	.30	.36	T.		.39	.03	T.	.10	T.		.05	T.		T	.24			.39	.03	T.	.11	.03				2.39
Home‡	Indiana	.01		.02	.18	.02	.26	.02			.14	.32	.03	.27				.06			.11			.03	.23	.05	.14						1.89
Indiana	Indiana	.05			.10		.22	.15	T.		.02	.38	T.	.39	.07			.10				.20			.20		.04	.05					1.97
Johnstown	Cambria	.02			.36		.28	.04			.05	.27	.05	.30	.37			.13				.31			.39	T.	.09	.08	.02				2.76
Kane[5]	McKean	.02	.06	T.	.26		.44	.27	.06		*	.37	.02	.11	.02			.04			.41			T.	.38	T.	.09	.03	.22				2.80
Laurel Hill Smt‡	Westmoreland	.03			.10		.28	.23			.17	.23	.09	.32	.10						.25				.28		.24	.05					2.37
Laurel Hill Tunnel[3]	Westmoreland	T.		T.	.15	.03	.24	.23	T.		.09	.14	.11	.42	.11	T.	T.	.03			.13				.26	T.	.37	.09					2.40
Lycippus	Westmoreland	T.	T.		.18		.24	.26	T.		.02	.18	.02	.54	.20	T.	T.	.24	.01			.20			.33		.02	.22	T.				2.66
Mahoning Dam‡	Armstrong	.06		.08	.14		.38	.08		.13	.16	.50		.15	.03			.08			.03	.01			.30		.06	.02					2.16
Marienville‡	Forest																															
Meadville[2]	Crawford	.16	T.	T.	.15		T.	.31	.22			.82	.04	.04	.07			.12	.01		T.	.16			.40	T.	T.	.18	T.				2.68
Mosgrove[2]	Armstrong	.03	.04		.17	.01	T.	.44	.20	T.		.57	.10	.04	.19	T.		.04	.04			.05			.18	T.		.12	.02				2.24
Parkers Landing[2]	Armstrong	.25	T.		.25			.55	.08			.90	.22	.06	.13			.11	.01						.40	T.		.07	T.				3.03

Continued on page 12.

Daily Precipitation for February, 1943—Continued from Page 11

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Pittsburgh Cty Off†[1]	Allegheny	T.			.13		.21	.05			.18	.58	.06	.17	.07	T.	T.	.02			.03				.31		.05	.01	T				1.87
Port Allegany[2]	McKean	.21	.01		.16	T.	T.	.18	.13			.28	.05	T.	.05	T.		.01	T.		.01	.11			.25	.02	T.	.07	T.				1.54
Punxsutawney[2]	Jefferson	.14			.16		T.	.30	.01			.41	.03	.12	.16			.07	.01			.09			.25	.03		.10	T.				1.88
Ridgway[2]	Elk	.11	T.	T.	.20			.10	.32			.42	.05	.02	.05	T.		.02	T.			.19			.30	.02		.05	T				1.85
Saltsburg[2]	Indiana	T.					.09	.20	.07			.43	.02	.21	.11	T.	T.	.02	.04			.11			.26	T.	T.	.12	T.				1.68
Seward[2]	Indiana				.04	.12		.11	.08			.31	.08		.34				.23			.08			.10	.08		.21	.06				1.84
Smethport†	McKean	.07			.15		.27	.14			.03	.33		.07							.10				.39		.07		.08				1.70
Strongstown†	Indiana	.03			.09		.40	.09	.01	.02	*	*	.46	.21	.03			.02	.01		.25				*	.28	.12	.02	.01				2.08
Tionesta Dam†	Forest	.02		.05	.24		*	.60			.44	.30		.21				.08	.03		.24			.06	.43		.02	.01	.07				2.80
Titusville†	Crawford		.02	.03	.20		.28	.20	.02		.45	.31	.02	.10		.02		.10			.25				.50		.04	.04	.10				2.68
Union City†	Erie			.10	.26		.23	.07			.77	.06		.15							.18				.36		.07						2.26
Vandergrift[3]	Westmoreland	T.		T.	.13		.15	.06			*	.62		.13	.03			.05			.09				*		.25						1.51
Warren[2]	Warren	.20	.09	T.	.15	T.		.33	.65	T.		.68	.05	.05	.12	.01		.07	.02		.01	.15			.48	.01	.01	.25	T				3.33
Youngsville†	Warren	.09			.20		.38	.22	.02		.34	.28		.17				.09			.19			.04	.47		.11	.05	.12				2.77
MONONGAHELA																																	
Confluence[2]	Somerset	.08	T.		.02	.04	.17	.06	.01			.19	.06	.05	.08	T.	T.	T.	T.			.15			T.	.33	T.	.07	T.				1.31
Connellsville[2]	Fayette	.07				.07	.01	.17	T			.32	.07	.09	.07	T.			T.			T			.04	.25		.02					1.18
Donora[3]	Washington	.03			.07		.14				.07	.36	.02	.15	.05	.01	T.	T.	T.		.13				.29		.01	.01					1.34
Greensboro[2]	Greene	.07			.01	.03	.03	.06	T.			.36	.05	.08	.06	T.	T.		T.			.05			.08	.24		.01	T				1.13
Greensburg	Westmoreland	.04		T.	.07	.01	.22	.13	T.		.05	.45	T.	.46	.19	T	T.	.07				.21			.26	T.	.06	.22	T.				2.44
Irwin	Westmoreland	.05		T.	.03		.19	.01	T.		.02	.48	.05	.16	.12			.01	T.			.21			.42	T.	.01	.08					1.87
Meyersdale[2]	Somerset				.12	.03	.08	.09	.07	T.		.09	.07	.05	.05			.02								.21	.03	.12	T.				1.03
Murrysville†	Westmoreland	.03			.04		.14	.05			.15	.32		.17	.05						.05				.21		.01						1.22
Newell[4]	Fayette	*			*		.35				.15		*	.26				T.							.25								§
Pittsburgh Arpt.†[1]	Allegheny	.02		T.	.02		.17	.04	T.		.16	.33	.04	.28	.01	T	T.	.05			.22				.32	T.	.05	.01	T.				1.72
Somerset	Somerset	.03			.07		.25	.06	.02		.02	.13	.03	.17	.05	.02		.02	T			.06			.18	T	.04	.10					1.25
Springs	Somerset	.09	T.	T.	.15	.04	.28	.06	T.		.01	.20	.04	.13	.08	.01	T	.02	T.		.01	.10			.34	T.	.11	.07	T.				1.74
Uniontown	Fayette	.02			.05	.01	.10	.03			.01	.43	.04	.14	.05			T.			T.	.02			.35		.03	T					1.28
Waynesburg	Greene						.46	.01				.24	.19	.07	.04										.29		.03						1.33
BEAVER																																	
Beaver Falls[2]	Beaver	.03	T.		.14		T.	.39	T.		T.	.85	.02	.07	.11	T.		T.	T.			T.			.23	T.		.10					1.94
Butler	Butler	.15			.10		.21	*	.15		.02	.67	.02	.11				.05				.02			.20		.01	.05					1.76
Greenville	Mercer	T.	.02	.04	T		*	.06			.07	.03	.73	.13	.03			*			.59	T.	.02		.36		.03	.27	T.				2.38
Mercer[5]	Mercer	.02	T.	.05	.19		.31	.20	T.		.90	.11	T.	.15	.03		T.	.14			.15			.02	.27	T.	.05	.05	.06				2.70
New Castle	Lawrence	.06	T.	.02	.23		.30	.11		.01	.07	.72	.01	.13	.06	T	T.	.04	.02	T.	.01				.30	T.	.03	.02	.05				2.19
Penn Line[2]	Crawford	.13	T.	T.	.24			.31	.06			.75	.02	.03	.04	.02		.08	T.		.05	.07			.27	T.	T.	.04	.01				2.12
Pymatuning Dam[2]	Crawford	.12	T.	T.	.14		T.	.31	.01		*	.80	T.	.07	.03	T.		.08	T.		.10	.18			.39		T.	.02	.02				2.27
Sharon[2]	Mercer	.18	T.		.16			*	.47			.86	.02	.03	.09			.10	.03			.10			.28		.07						2.39
OHIO																																	
Claysville[2]	Washington	.09			T.	.09	T.	.18	.02			.60	.07	.16	.12	.02			T.			.20			.38	.15		.02					2.10
Coraopolis[2]	Allegheny	.05			.11		.05	.15	T.			.55	.01	.15	.05	T.	T.	.01	.01			.03			.21	T.		T.					1.38
Midland[2]	Beaver	.07			.14		T	.28	T.		T.	.87	.01	.08	.04	.01		T.	.03			.01			.25			T					1.79
Mt. Lebanon	Allegheny	.05			.09		.21	.08			T	.50		.25	.06			.04			15				.30		.03						1.76
Washington†	Washington	.01			.05		.29				.24	.20	.08	.11							.10				.45		.03						1.56
LAKE DRAINAGE																																	
Erie†[1]	Erie	T.	T.	T.	T.		.02	.02			.04	.09	T.	.19	.04		T.	.12			.08			T	.42	.05	.04	.10	.04				1.25
Raymond†	Potter	.15		.02	.14		.20	.10				.07	.03	.11							.16				.38		.12	.03	.02				1.53

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum* velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.69	18	29.26	6	11.1	30	w.	7	89	....	82	32	1028
Harrisburg	30.65	18	29.50	6	9.0	26	nw.	1	74	58	60	55	880
Philadelphia	30.64	18	29.48	6	10.4	37	nw.	14	76	57	65	56	817
Philipsburg	30.64	18	29.44	6	13.3	41[a]	w.	7	88	72	73	....	1113
Pittsburgh	30.68	18	29.37	6	14.0	35	w.	28	80	62	62	47	937
Reading	30.68	18	29.49	7	13.4	44	e.	6	72	55	51‡	57	881
Scranton	30.60	17	29.40	7	8.1	25	nw.	8	79	69†	69‖	42	1025

* For any five-minute period. ** Corrected to true velocities.
† Local noon ‖ 3:00 p. m. ‡ 4:00 p. m. [a] One-minute interval

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.1	9.0	25	2.9	1	18
Easton	Delaware	4.9	12.3	26	2.7	16	22
Lehighton	Lehigh	4.1	5.9	25	3.4	9†	9
Reading	Schuylkill	5.2	8.2	21	3.9	3	13
Wilkes-Barre	N. Br. Susquehanna	8.0	16.0	26	4.4	3	22
Williamsport	W. Br. Susquehanna	4.9	11.0	25	2.1	17	20
Newport	Juniata	6.1	7.7	8	4.7	19	22
Harrisburg	Susquehanna	5.4	9.0	26	4.2	5	17
Schenley, (nr) Lock No. 5.	Allegheny	16.6	21.2	23	13.6	18	24
Sutersville	Youghiogheny	6.5	9.6	21	5.1	15	20
Charleroi (nr.), Lock No. 4	Monongahela	15.8	20.9	2	13.0	18	30
Pittsburgh	Ohio	*	*		*		5
Midland, Dam No. 7	Ohio	*	20.9	12	*		30

* Pool stage. † On other days also.

Daily Temperatures for February, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	40	36	36	40	48	39	42	37	40	42	42	37	34	24	14	21	31	29	49	61	58	58	65	60	38	31	35	47				40.5
	Minimum	25	24	11	9	34	34	33	32	24	24	28	18	18	14	−5	−5	0	10	10	21	29	29	29	30	28	23	23	23				20.5
Altoona(near)	Maximum	38	31	32	43	48	40	38	34	38	42	39	29	32	23	9	17	27	33	54	61	56	57	66	59	37	34	30	46				39.0
	Minimum	24	19	8	29	30	33	16	24	15	31	19	6	19	0	−9	−10	6	0	21	39	38	37	33	36	25	21	11	19				19.3
Arendtsville	Maximum	38	36	32	45	50	40	38	40	37	40	43	34	37	30	15	24	36	37	57	65	65	65	67	67	55	38	32	49				43.3
	Minimum	32	19	10	30	32	34	30	30	22	30	30	20	28	1	1	−2	14	8	18	31	40	35	33	45	30	23	18	19				23.6
Bedford	Maximum	45	34	33	49	50	48	38	44	42	44	44	33	36	29	13	17	30	35	55	61	61	60	67	67	45	36	34	46				42.7
	Minimum	29	23	4	31	32	36	27	26	17	32	27	15	26	4	−3	−5	10	2	23	37	43	28	38	43	28	23	10	23				22.5
Bethlehem[3]	Maximum	38	32	31	38	49	40	34	36	41	36	40	27	32	23	4	20	29	27	50	62	60	60	66	58	37	29	32	45				38.4
	Minimum	25	23	15	30	35	33	31	31	24	28	24	16	22	0	−7	−1	15	10	21	34	40	34	33	34	25	22	22	25				23.0
Blue Mt. Interchange[3]	Maximum	42	40	34	46	55	41	40	39	40	46	36	32	36	28	12	22	31	34	56	64	68	66	68	66	40	37	34	48				43.0
	Minimum	24	24	8	32	35	32	30	29	22	34	30	16	21	8	−2	0	10	12	18	30	38	32	32	38	21	21	17	22				22.6
Bradford	Maximum	40	24	32	48	48	46	40	28	35	46	46	23	26	20	2	15	23	29	52	52	48	53	61	61	32	30	28	35				36.5
	Minimum	19	16	−2	30	30	30	21	20	9	32	20	7	5	1	−27	−23	14	−19	11	42	31	23	25	32	16	11	13	26				14.8
Breezewood Intchg[3]	Maximum	44	36	32	48	50	40	34	36	44	46	42	34	38	26	12	18	30	34	56	62	60	62	68	62	38	36	28	46				41.3
	Minimum	26	16	6	30	30	36	26	24	18	32	22	12	16	0	−4	4	10	1	26	42	42	30	30	34	22	20	12	22				20.6
Brookville[5]	Maximum	39	25	35	50	47	44	27	32	39	50	40	26	28	11	6	15	26	27	49	55	53	54	62	57	30	31	26	38				36.5
	Minimum	21	6	4	34	28	25	21	15	8	35	10	6	13	−5	−12	−14	0	−18	21	41	27	26	24	28	17	17	15	17				14.8
Burnt Cabins(near)[3]	Maximum	39	34	32	47	50	42	35	36	44	44	42	34	38	20	12	20	32	34	59	62	63	62	68	62	38	36	32	46				41.5
	Minimum	25	13	2	32	31	32	27	24	14	32	21	12	19	0	−4	4	12	1	22	20	32	26	26	34	19	18	15	23				18.7
Butler	Maximum	45	28	30	50	52	53	45	38	35	50	50	27	27	25	11	19	18	25	46	55	54	60	65	65	38	34	32	43				40.0
	Minimum	26	21	11	30	30	36	5	23	17	34	25	9	18	−2	−5	−8	13	−10	16	41	23	34	25	37	25	25	13	18				18.8
Carlisle	Maximum	40	38	33	44	50	43	37	42	40	42	39	35	38	30	14	25	35	37	56	60	65	64	66	67	55	35	35	49				43.4
	Minimum	30	23	1	29	27	32	31	30	20	29	30	16	19	11	0	1	14	8	16	20	40	29	28	39	27	23	18	15				21.6
Chambersburg	Maximum	40	38	34	44	50	40	39	40	44	45	45	34	40	29	15	24	37	35	58	67	67	65	70	67	48	34	34	51				44.1
	Minimum	31	24	7	33	33	33	30	29	25	30	29	20	15	10	0	4	15	10	21	32	45	30	30	44	31	25	19	25				24.3
Claysville[2]	Maximum	31	33	50	54	51	58	28	41	48	63	29	32	29	14	11	21	28	35	54	62	53	58	66	55	33	32	38	47				41.2
	Minimum	29	20	17	23	24	22	24	24	20	24	28	5	2	−1	−6	−10	1	−5	6	26	33	30	30	38	21	21	11	11				16.3
Coatesville	Maximum	42	35	35	39	51	40	37	36	38	42	46	31	38	31	9	21	35	28	52	62	60	60	64	65	53	37	32	50				41.8
	Minimum	30	21	15	30	38	34	32	31	24	29	28	20	21	9	0	3	14	10	19	35	45	32	33	45	24	22	26	19				24.6
Coudersport	Maximum	40	29	31	40	48	39	37	34	43	43	40	28	31	24	5	15	26	30	51	52	54	54	62	58	33	32	29	36				37.3
	Minimum	20	17	−3	27	29	25	20	22	7	27	20	8	9	2	−20	−17	10	−11	16	33	31	23	24	31	19	12	14	21				14.9
Curwensville[5]	Maximum	38	24	30	45	43	33	24	28	36	39	39	23	24	10	5	11	22	23	49	54	49	51	59	51	28	27	25	36				33.2
	Minimum	16	8	4	30	26	23	19	15	14	28	6	3	8	−10	−15	−11	−1	8	19	42	30	32	35	22	14	13	10	14				13.8
Derry	Maximum	51	34	41	58	53	55	40	40	49	57	56	31	32	26	10	17	27	34	52	61	51	54	59	67	39	34	28	46				47.9
	Minimum	27	23	16	38	29	38	24	25	16	30	24	9	22	1	−6	−11	13	8	22	42	38	36	31	31	28	25	13	25				21.8
Donora[5]	Maximum	48	35	40	60	51	64	36	43	48	68	50	34	32	20	12	19	29	35	58	64	55	62	70	60	35	36	31	48				44.4
	Minimum	28	25	24	45	33	36	26	27	26	43	22	14	20	4	−1	1	16	5	29	15	38	47	33	42	27	30	15	31				25.8
Eagles Mere [2]	Maximum	32	29	30	38	42	36	30	32	38	38	42	22	22	17	−4	13	25	22	46	51	58	58	64	60	30	27	28	37				34.4
	Minimum	18	16	7	8	28	28	22	20	13	12	24	3	4	4	20	−22	−11	−4	−5	18	34	32	32	36	20	11	11	11				12.5
Ebensburg[2]	Maximum	29	25	38	51	45	41	25	31	40	43	33	26	25	13	6	16	23	31	48	56	48	55	62	51	36	30	30	38				35.3
	Minimum	29	18	3	5	29	28	21	20	12	12	32	3	5	0	−10	−10	−3	−3	−3	31	39	35	29	36	23	20	10	10				15.0
Emporium[2]	Maximum																																
	Minimum																																
Ephrata	Maximum	41	37	34	40	50	42	38	39	43	43	45	33	35	33	15	21	34	31	57	66	64	63	67	67	48	35	36	49				43.1
	Minimum	31	21	10	31	33	35	32	31	22	29	31	19	23	15	1	3	16	10	18	27	39	30	30	46	28	24	19	24				24.2
Erie[3]	Maximum	36	25	15	49	50	48	31	28	37	54	31	26	21	13	6	18	23	31	53	50	39	53	62	58	26	33	33	38				36.4
	Minimum	23	19	19	36	33	25	24	23	20	31	13	16	13	−1	−9	3	10	5	31	39	27	27	44	28	18	18	16	19				20.4
Franklin[2]	Maximum	31	27	47	53	50	47	30	36	42	53	30	29	27	12	8	18	27	30	52	55	47	56	65	52	30	32	44	42				38.3
	Minimum	30	21	10	10	30	30	23	24	14	15	28	9	10	3	−8	−11	−7	−6	6	23	38	27	27	28	24	21	16	17				15.7
Freeland	Maximum	38	31	36	36	38	38	32	38	38	38	38	24	25	25	8	11	22	22	44	48	51	51	50	50	39	25	24	41				
	Minimum	23	15	20	20	31	30	22	22	9	19	20	5	10	0	−18	−9	6	−2	12	38	35	34	40	36	20	11	10	15				
George School	Maximum	42	39	35	42	50	46	37	39	42	39	57	32	36	34	17	21	33	28	52	63	62	61	67	66	61	36	35	52				43.7
	Minimum	30	21	12	30	35	35	31	31	22	22	31	18	18	17	−1	0	14	10	21	34	41	30	28	47	27	22	23	26				24.1
Gettysburg	Maximum	40	38	36	40	50	49	38	38	38	45	43	34	38	36	15	23	36	34	58	66	65	65	69	68	65	40	33	50				44.6
	Minimum	32	24	5	30	35	35	31	20	20	30	32	20	24	12	2	3	15	9	19	30	43	32	30	52	30	25	19	25				24.4
Gordon	Maximum	39	32	29	42	46	40	34	35	37	35	40	28	32	31	13	6	29	27	50	58	55	56	63	58	48	31	31	45				38.2
	Minimum	30	21	−8	26	23	30	28	28	16	24	28	11	9	8	−10	−14	1	5	8	23	34	25	26	44	27	18	16	10				17.4
Greensburg	Maximum	42	34	44	57	51	60	43	39	46	64	59	31	31	23	8	17	32	33	53	61	58	58	67	63	39	34	27	46				43.6
	Minimum	30	23	16	40	31	41	24	24	19	40	23	9	22	1	−4	−7	12	5	23	40	38	35	31	39	27	26	12	25				22.7
Hanover[2]	Maximum	40	38	36	42	51	39	39	40	44	47	43	35	37	30	15	24	37	36	58	67	65	66	71	68	43	34	36	52				44.0
	Minimum	32	20	13	11	35	35	30	29	25	26	34	20	21	13	2	2	5	11	11	26	42	37	36	37	36	28	20	20				23.2
Harrisburg[3]	Maximum	39	35	35	43	50	40	38	40	43	40	40	33	38	25	13	23	33	32	58	67	64	65	70	66	40	32	34	49				42.3
	Minimum	27	22	10	35	36	35	32	32	28	32	27	19	24	4	2	4	17	11	22	32	38	32	33	38	26	26	20	28				24.7
Hawley	Maximum	38	30	36	37	16	38	34	33	36	32	38	30	27	25	10	17	28	25	48	58	52	56	62	57	38	28	31	43				36.9
	Minimum	27	20	5	26	25	25	27	25	18	8	29	10	4	4	−16	−20	5	−8	10	21	35	21	23	35	18	16	19	22				14.6
Holtwood[3]	Maximum	40	36	34	38	48	38	37	39	37	41	47	35	37	28	13	23	33	32	56	65	64	57	60	64	43	35	34	51				41.6
	Minimum	29	23	18	34	32	35	33	33	25	31	29	24	27	10	5	7	18	14	21	29	37	35	33	43	28	28	24	28				26.2
Huntingdon[2]	Maximum	36	32	35	46	50	41	33	39	44	46	41	33	36	16	11	21	32	35	57	65	60	61	70	61	38	35	33	45				41.1
	Minimum	29	27	2	2	34	33	30	29	18	18	33	13	13	9	−2	−9	−9	2	1	26	25	29	27	29	29	18	18	18				17.5
Indiana	Maximum	45	28	37	55	52	49	45	36	45	54	51	28	29	22	8	15	26	30	49	59	56	56	65	65	38	32	29	43				41.0
	Minimum	24	20	15	33	27	38	21	22	16	36	21	4	20	−2	−11	−12	9	−7	17	37	40	30	35	36	23	22	11	22				19.5
Irwin	Maximum	45	35	42	55	54	51	40	41	45	62	62	32	31	28	11	17	28	35	55	61	52	59	67	67	40	35	38	46				44.1
	Minimum	26	20	15	36	27	37	23	23	18	37	23	7	28	0	−5	−9	10	−10	19	40	34	30	25	37	25	23	11	25				20.5
Johnstown	Maximum	44	31	34	54	49	45	42	35	41	48	46	31	29	20	8	14	26	34	58	60	55	59	67	54	36	32	29	43				40.1
	Minimum	25	21	9	31	39	36	22	23	17	33	19	7	19	0	−7	−10	10	−2	28	47	40	38	29	35	25	24	16	23				21.1
Kane[5]	Maximum	32	26	31	48	45	39	28	32	36	44	40	27	24	12	7	15	28	28	50	50	48	53	60	50	28	28	25	35				34.7
	Minimum	14	5	5	31	26	27	15	13	7	29	4	4	2	−20	−27	−18	−9	−15	15	39	26	20	30	19	10	11	10	10				10.1
Lancaster	Maximum	42	40	36	40	51	46	40	40	42	42	45	35	37	36	18	25	35	36	57	68	68	64	67	69	67	54	35	53				46.0
	Minimum	30	11	6	30	27	33	30	30	17	26	31	19	19	14	2	2	14	7	14	25	34	27	27	46	25	21	18	18				21.5
Lawrenceville	Maximum	40	30	33	43	49	45	38	34	36	41	41	30	32	31	8	19	30	30	55	57	63	59	64	61	35	32	34	41				39.7
	Minimum	27	21	3	28	25	26	27	27	18	17	29	12	12	6	−15	−7	9	0	18	33	30	25	26	35	21	9	16	28				18.1
Lebanon[2]	Maximum	39	35	36	41	51	36	35	38	41	42	40	32	37	20	8	23	32	31	55	66	63	63	69	65	40	32	33	50				41.2
	Minimum	27	22	7	7	30	31	31	30	23	23	31	17	17	13	−1	−2	0	8	9	19	30	31	31	31	31	24	19	18				19.9
Lewistown	Maximum	48	34	32	43	51	47	41	39	42	43	42	32	36	35	17	22	32	32	57	65	65	62	69	68	55	37	35	46				43.8
	Minimum	34	28	5	31	34	36	30	30	22	31	30	17	23	9	−1	4	15	7	20	26	43	31	29	41	30	25	19	18				23.8
Lock Haven[2]	Maximum	37	34	35	41	49	39	35	39	41	45	38	32	32	19	12	21	31	32	56	63	60	60	67	58	36	35	32	43				40.1
	Minimum	29	24	6	6	32	32	29	27	12	12	32	14	14	12	−7	−8	−8	−1	−1	20	32	30	28	28	25	24	18	20				17.2
Marcus Hook[3]	Maximum	46	37	38	48	54	48	44	41	49	48	60	35	42	33	13	25	38	34	57	63	65	63	66	65	45	41	34	51				45.8
	Minimum	31	27	22	37	40	37	36	35	28	33	31	25	27	9	6	8	17	14	28	37	14	40	38	43	32	28	25	32				28.9
Martinsburg[5]	Maximum	41	29	34	46	44	40	30	34	38	39	41	29	29	13	5	15	25	32	51	58	55	57	64	56	31	33	27	42				37.1
	Minimum	22	15	8	33	32	30	25	25	19	33	15	11	13	−5	−5	−3	8	5	31	41	38	36	37	30	24	16	15	22				20.4
Mauch Chunk	Maximum	40	34	30		45	44	35	34	36	36	37	35	32	33	15					54	54	53	56	58	54	32	32	43				40.1[e]
	Minimum	30	20	1	26		29	30	28	16	20	29	11	6	11	−9					20	33	23	27	36	26	15	19	11				19.9[e]

Continued on page 14.

Daily Temperatures for February, 1943 (Continued from page 1)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Meadville[2]	Maximum	27	21	46	51	51	19	28	34	40	54	27	31	24	12	9	19	25	31	52	55	46	35	62	44	30	31	34	39				36.5
	Minimum	26	17	8	15	25	28	21	22	8	26	9	11	1	−18	−18	4	−12	−10	22	31	24	23	29	22	17	14	13					12.8
Mercer[5]	Maximum	51	27	44	53	50	57	34	34	40	62	40	29	22	18	5	16	26	36	50	56	48	55	66	54	28	31	27	37				38.9
	Minimum	20	12	12	34	24	23	20	14	10	34	7	8	8	6	−10	−9	−2	1	19	38	26	26	29	25	18	14	12	16				14.9
Middletown[3]	Maximum	39	34	34	40	38	39	38	38	40	40	43	32	36	29	13	22	32	34	56	64	65	62	68	65	46	35	32	48				41.7
	Minimum	26	21	4	31	31	32	31	31	20	30	27	19	24	6	1	5	16	16	20	28	32	29	29	28	24	25	21	27				22.8
Midland	Maximum	47	35	42	53	51	53	38	40	45	63	61	29	36	25	10	24	32	32	50	61	55	55	60	63	35	38	30	43				43.0
	Minimum	27	23	20	40	29	36	26	28	23	41	23	16	21	3	3	−1	17	3	23	34	38	30	30	34	25	26	14	24				25.0
Montrose[2]	Maximum	35	23	30	38	43	35	29	28	30	39	38	23	2	12	−6	14	25	23	42	51	41	51	50	49	28	23	28	36				31.6
	Minimum	21	17	7	9	29	29	25	22	18	15	18	2	−5	6	−20	−20	9	0	0	22	33	28	32	30	20	11	16	14				14.7
Mt. Lebanon	Maximum	45	34	46	57	54	57	27	40	44	63	52	30	25	17	10	18	27	31	54	61	53	58	66	59	35	34	28	47				41.9
	Minimum	25	21	23	41	30	27	24	25	23	40	21	7	17	0	−8	−1	12	2	26	42	37	34	36	32	24	19	12	25				22.0
Mt. Pocono[3]	Maximum	32	24	27	37	43	34	31	29	33	33	41	24	28	14	7	11	22	21	45	51	51	50	56	52	26	24	26	39				31.8
	Minimum	19	9	5	25	30	30	23	20	15	15	14	4	9	12	−19	−14	5	1	19	36	25	29	34	25	10	9	16	20				14.5
New Castle	Maximum	43	31	39	51	58	54	54	38	43	60	60	33	35	25	10	21	28	36	57	58	45	58	67	67	46	33	31	33				43.4
	Minimum	25	19	14	38	29	36	23	26	19	37	26	9	21	0	8	4	18	4	18	42	37	27	28	35	23	23	15	17				21.0
Orangeville	Maximum	40	33	30	40	46	38	37	37	38	38	40	30	33	31	13	20	30	30	50	58	57	56	64	58	37	30	31	44				38.9
	Minimum	26	21	10	26	18	26	26	27	8	18	27	13	11	3	12	−13	15	−3	7	20	30	23	24	30	24	18	15	11				15.1
Palmerton[3]	Maximum	40	35	30	38	51	38	37	39	15	41	40	31	31	22	2	22	33	31	53	59	59	56	61	56	38	30	37	47				39.4
	Minimum	25	15	4	30	34	35	32	29	24	25	24	16	17	−1	−8	−16	8	4	12	29	34	22	31	33	23	20	22	26				19.6
Philadelphia Airport Station[1]	Maximum	43	36	34	40	51	41	40	40	42	43	58	35	39	25	12	23	35	30	53	64	63	61	67	64	41	37	35	52				43.0
	Minimum	28	21	18	33	35	34	33	33	26	29	27	22	24	5	3	4	17	13	22	32	39	33	30	38	28	25	24	29				25.2
City Office[3]	Maximum	43	37	34	47	53	46	39	40	43	45	59	35	38	28	12	23	34	30	54	63	62	62	67	63	42	36	35	52				43.6
	Minimum	29	24	24	31	40	37	33	33	28	33	29	22	27	7	3	8	20	14	25	37	41	43	42	37	30	27	24	30				28.0
Franklin Institute[2]	Maximum	42	37	39	42	52	39	36	41	39	59	50	36	40	40	12	24	32	29	55	64	64	61	68	65	42	37	35	53				44.0
	Minimum	27	24	21	30	41	37	34	24	26	23	32	22	28	22	2	3	26	12	26	38	50	42	39	52	32	28	24	32				28.2
Shawmont	Maximum	42	41	35	43	52	46	38	39	40	42	58	33	38	31	17	23	34	33	54	65	63	62	65	64	40	37	35	53				44.5
	Minimum	30	21	15	32	32	36	31	32	26	27	32	20	21	16	5	1	14	13	20	30	36	32	31	42	30	26	24	25				24.9
Philipsburg[3]	Maximum	40	24	29	44	42	38	27	30	35	38	42	23	28	12	1	12	23	26	48	57	49	53	62	56	29	28	24	37				34.1
	Minimum	17	17	−9	23	28	16	21	19	8	29	10	5	9	9	−13	−10	2	−3	26	43	34	27	26	26	12	14	11	18				14.5
Phoenixville	Maximum	51	45	41	43	56	52	42	45	44	48	60	40	41	40	21	29	40	40	60	71	68	69	71	75	70	44	38	58				50.1
	Minimum	30	19	8	32	29	33	28	32	21	23	32	19	18	17	−2	−1	10	11	16	27	36	27	27	46	27	17	23	22				22.4
Pittsburgh Arpt Sta.[3]	Maximum	45	33	47	55	50	50	28	39	44	63	46	30	29	13	8	15	26	32	53	60	52	57	66	56	34	33	27	44				40.9
	Minimum	24	21	22	43	33	28	24	25	21	40	17	11	13	−3	5	1	11	5	26	41	41	39	39	31	25	16	12	22				22.2
Pittsburgh City Office[3]	Maximum	48	35	49	56	51	58	30	41	45	65	47	31	31	18	12	19	29	34	55	62	53	59	68	60	35	35	34	45				43.9
	Minimum	27	24	25	47	37	30	26	27	25	42	20	15	18	2	0	5	12	7	31	46	40	36	34	32	27	19	15	24				24.8
Port Clinton	Maximum	41	41	33	36	47	47	36	35	58	38	41	31	30	30	15	18	29	29	49	66	59	58	62	63	59	38	31	45				40.7
	Minimum	32	32	2	26	28	36	31	30	20	25	30	15	27	10	−5	−12	5	8	12	24	25	28	28	14	30	22	20	20				21.2
Pymatuning Dam[2]	Maximum	27	27	45	51	50	47	28	33	40	56	26	28	22	10	11	20	25	30	52	52	42	55	62	38	29	32	35	37				36.1
	Minimum	25	18	12	18	25	25	20	20	16	15	25	6	9	0	−15	−15	−2	−13	−10	19	30	23	24	33	21	16	13	14				13.3
Quakertown	Maximum	40	33	32	39	49	40	36	36	37	37	35	32	35	33	15	19	30	28	48	60	56	56	63	59	57	32	34	47				39.9
	Minimum	30	20	2	28	32	30	30	29	18	20	29	15	14	11	−7	−10	7	4	15	36	35	25	26	37	25	17	21	17				19.9
Reading[3]	Maximum	40	35	34	42	52	42	36	39	41	40	45	31	35	24	10	22	33	29	55	66	62	61	68	63	41	33	34	51				41.6
	Minimum	25	24	15	34	37	35	32	32	26	37	27	18	24	5	0	3	18	11	24	38	41	35	33	39	30	25	22	28				25.5
Ridgway[2]	Maximum	31	31	38	51	49	44	28	33	41	48	32	26	30	14	9	17	27	27	52	55	55	56	63	51	33	32	33	38				37.3
	Minimum	30	20	2	2	30	28	23	21	3	2	32	8	7	4	−15	17	−17	−15	−15	9	36	21	22	20	15	11	14	15				10.6
Scranton[3]	Maximum	38	29	33	40	45	40	37	34	34	43	45	24	30	19	0	17	27	24	49	59	53	55	63	56	30	30	32	43				36.8
	Minimum	24	19	9	32	33	34	20	26	21	20	21	14	15	−5	−13	−3	11	7	24	33	35	30	32	30	19	18	21	26				20.1
Selingsgrove	Maximum	44	38	34	40	53	50	39	38	41	39	41	31	36	32	15	21	32	32	56	62	61	60	60	64	60	53	32	50				43.1
	Minimum	30	23	8	28	28	32	28	26	16	23	28	12	11	11	5	−2	12	5	15	28	34	25	26	43	35	21	16	16				20.8
Sharon	Maximum	43	29	42	48	50	50	50	37	42	58	58	27	27	24	7	18	28	31	55	56	52	53	65	65	34	32	30	39				41.1
	Minimum	26	22	18	42	32	39	30	25	21	39	17	11	19	1	−8	−4	8	7	22	42	32	28	33	31	23	21	15	26				21.6
Somerset	Maximum	45	30	34	58	48	44	41	35	45	45	45	30	29	19	6	13	23	34	51	57	53	58	64	61	36	31	26	40				39.1
	Minimum	25	18	6	31	27	36	22	21	12	31	20	8	19	−3	−7	−12	7	−15	25	38	37	30	25	36	24	23	8	19				18.1
Springs	Maximum	44	27	32	51	45	43	34	34	42	49	44	27	27	16	5	10	22	32	47	57	53	53	61	56	32	31	21	38				36.9
	Minimum	22	16	4	31	30	30	20	20	15	28	16	11	15	−5	−9	−11	6	−9	26	36	40	30	28	31	22	19	5	18				17.1
State College[3]	Maximum	43	29	33	48	46	43	35	34	38	41	40	28	31	19	6	17	28	30	53	61	55	57	66	59	34	34	28	42				38.5
	Minimum	21	19	8	33	33	34	25	25	17	33	19	9	19	−4	−7	−3	12	3	28	41	43	37	33	32	28	21	15	28				21.3
Stroudsburg	Maximum	44	37	35	38	50	19	37	39	42	42	39	35	30	30	20	22	32	32	53	58	60	59	62	64	59	39	37	47				42.5
	Minimum	33	18	4	28	28	34	31	30	17	18	31	15	14	6	−12	−21	−2	−2	11	28	33	24	26	36	22	15	21	19				17.7
Towanda	Maximum	41	32	31	44	50	39	39	35	38	43	42	31	34	23	4	21	30	30	54	62	56	60	64	56	36	30	34	41				39.2
	Minimum	25	17	−5	30	33	28	29	28	19	20	28	12	11	3	−14	−7	12	2	23	35	35	25	25	34	22	15	19	26				18.9
Uniontown	Maximum	49	36	48	58	54	60	43	43	56	65	65	34	32	25	18	19	30	36	54	61	59	59	68	64	41	37	29	47				45.9
	Minimum	30	21	20	46	32	43	26	27	26	43	26	15	25	8	−3	−4	14	2	28	44	43	44	32	41	28	29	14	26				25.9
Vandergrift[3]	Maximum	48	35	45	57	52	58	36	42	46	65	54	28	31	23	13	20	29	33	55	62	56	60	68	59	40	36	32	48				44.0
	Minimum	25	24	15	43	31	35	25	28	29	39	21	12	20	1	−1	4	14	5	18	41	36	30	29	36	27	22	16	26				22.9
Warren	Maximum	41	29	35	52	50	43	34	35	46	50	44	26	27	17	11	19	27	32	55	55	50	57	64	57	30	32	30	38				38.6
	Minimum	19	17	3	32	30	28	22	22	12	35	16	9	8	5	−20	−15	9	−13	15	38	30	22	25	30	18	15	15	24				15.8
Waynesburg	Maximum	48	35	45	59	53	59	42	43	46	65	63	35	32	23	15	20	30	38	57	63	60	66	68	64	38	36	29	48				45.7
	Minimum	27	21	16	43	26	41	25	23	20	35	20	9	23	0	4	8	18	−1	26	42	38	37	29	38	25	26	12	26				22.4
Wellsboro[2]	Maximum	34	29	33	42	51	37	33	33	38	40	40	29	32	16	5	17	27	28	52	57	54	57	64	53	30	31	31	40				36.9
	Minimum	26	20	−3	−4	31	25	25	24	11	14	29	10	11	3	−16	−16	−5	−4	−4	20	33	23	23	23	20	12	16	14				12.8
West Chester	Maximum	41	36	34	43	50	41	37	38	44	41	53	32	36	33	13	23	33	33	54	63	61	62	65	66	57	36	34	52				43.2
	Minimum	29	29	15	30	34	36	32	31	24	30	30	19	22	13	1	2	13	10	21	32	43	37	33	47	30	25	21	23				25.1
Wilkes-Barre[5]	Maximum	40	36	33	39	45	39	36	38	37	41	45	26	32	20	6	20	29	26	47	59	57	55	62	57	33	31	34	45				38.1
	Minimum	36	11	6	32	27	34	29	31	23	24	22	15	16	−6	−12	−3	11	5	16	27	30	28	29	30	19	19	20	28				19.5
Williamsport	Maximum	40	36	32	40	49	46	37	40	42	40	40	33	33	31	14	22	33	32	54	60	63	60	65	62	45	35	35	45				41.6
	Minimum	30	24	5	27	24	32	28	29	20	28	31	15	20	12	−10	−1	16	−4	17	27	35	28	28	42	26	20	17	25				21.1
Woodward[5]	Maximum	34	26	27	43	42	35	25		37	35	38	23	26	10	2	14	23	24	48	56	51	53	61	53	30	25	24	35				33.3[a]
	Minimum	16	14	11	27	29	27	20		14	26	9	4	10	−8	−13	−8	3	−2	24	40	40	38	40	25	17	14	11	20				16.6[a]
York	Maximum	40	37	35	45	53	43	38	40	42	46	45	35	39	39	17	24	35	34	58	66	67	66	70	69	65	40	35	52				45.5
	Minimum	33	13	6	32	29	35	31	30	18	30	33	20	23	14	3	1	14	10	20	28	39	29	29	52	28	24	19	23				23.8

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

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CLIMATOLOGICAL DATA

UNIVERSITY OF NORTH

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. MARCH, 1943. No. 3.

GENERAL SUMMARY.

Temperatures averaged slightly below normal and reduced the accumulated average daily excess for the year to 0.3°. Most stations recorded their lowest temperatures on the 4th and the extreme minimum for the month was the lowest since 1934. The maxima of the 31st were generally the highest of the month, although a number of stations in the southwest had equally high temperatures on the 16th.

Precipitation, frequent and well distributed until the 20th, was generally in light amounts and the average was again below normal. This was the third month in which precipitation was deficient. The average for March was about one inch higher than that for February and the accumulated deficiency for the year is now 2.37 inches. Frequent snow during the early part of the month accumulated a total close to normal but the average for the State was less than half that of March, 1942. At a majority of stations, the greatest 24-hour amounts fell in the storm of the 6th. Sleet and glaze were reported by most stations during the first half of March. Hail fell at scattered stations.

High winds were reported on a number of days and thunderstorms occurred at many southern and eastern stations about the 17th. Heavy fog was reported by many stations, and, on the 20th, caused accidents in the Philadelphia area which resulted in one death and three injuries. Earth tremors were felt in the western part of the State on the 8th.

Although snowfall, during the past winter, exceeded the average by four inches, wintering crops received inadequate protection. Periods of thawing which depleted the snow cover alternated with periods of freezing in which the crops were damaged. By the end of March, the varying temperatures and the muddy fields had delayed farm work so that it was approximately ten days late.

G. W. S

TEMPERATURE.

The mean temperature for the State, as determined from the reports of 75 stations, was 37.2,° which is 0.4° below the 56-year normal for March. The highest monthly mean was 44.7° at Phoenixville, Chester County, and the lowest was 29.8° at Montrose, Susquehanna County. Extremes ranged from a maximum of 85° at Phoenixville, Chester County, on the 31st, to a minimum of −15° at Bradford, McKean County, and Philipsburg, Centre County, on the 9th.

PRECIPITATION.

The average precipitation for the State, as determined from the observations at 196 stations, was 2.74 inches, which is 0.76 inch below the 56-year normal for March. The greatest monthly amount was 4.39 inches at Manada Gap, Dauphin County, and the least was 1.54 inches at Ansonia, Tioga County. The greatest amount for any 24 consecutive hours was 2.25 inches at McKeesport, Allegheny County, on the 5th and 6th.

The average snowfall for the State was 7.2 inches, which is 0.7 inch below the 56-year normal. The greatest monthly snowfall was 16.9 inches at South Mountain, Franklin County. The greatest fall for any observational day was 9.0 inches at Burnt Cabins, Huntingdon County, on the 6th.

ERRATA

July, 1942.—Page 41, Pittsburgh Airport, mean temperature should be 74.9°, departure should be +0.1°. Page 46, Clarion, precipitation on the 28th should be 0.01 inch. Ebensburg, precipitation on the 20th should be 0.20 inch; Sunbury, amount on the 23d should be 0.46 inch, total should be 4.84 inches. Page 47, Confluence, total precipitation should be 3.47 inches; Connellsville, total precipitation should be 2.85 inches.

August, 1942.—Page 52, Fredericksville, precipitation on 1st should be 0.45 inch, total should be 10.63 inches; Mt. Pocono, precipitation on 9th should be 2.20 inches. Page 53, Kingtown, precipitation on 15th should be 0.04 inch. Page 55, Butler, maximum temperature on 8th should be 79°, mean maximum should be 82.6°; Meadville, minimum temperature on 3d should be 60°. Page 56, New Castle, maximum temperature on 3d should be 89°; Pittsburgh Airport, minimum temperature on 30th should be 62°.

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		No. of days			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	31.2	72	−6	3.55	9.9	11	6	10	13
1889	39.0	76	4	2.90	3.1	9	10	8	15
1890	33.2	76	−21	5.15	17.5	16	6	10	15
1891	33.8	60	−14	5.10	15.8	14	7	8	16
1892	31.8	66	−4	4.14	18.8	12	11	7	13
1893	34.8	74	3	2.52	4.8	11	9	9	13
1894	43.2	84	−2	1.63	1.3	8	12	11	8
1895	33.8	70	−4	2.31	9.0	11	10	10	11
1896	30.6	69	−18	4.51	21.1	11	11	8	12
1897	39.0	75	−5	3.22	3.4	13	11	7	13
1898	44.0	83	4	4.31	3.6	12	10	8	13
1899	36.3	75	3	4.87	7.9	14	5	9	17
1900	31.2	66	−23	3.61	13.1	10	10	9	12
1901	37.4	80	−11	4.14	3.3	13	7	10	14
1902	41.3	78	2	3.98	12.6	11	10	9	12
1903	46.4	83	14	4.52	0.1	11	10	7	14
1904	36.0	80	−2	4.29	4.7	12	9	8	14
1905	39.0	86	−18	3.86	4.1	11	12	8	11
1906	31.7	68	−13	4.46	20.4	14	8	7	16
1907	41.8	92	−10	4.26	9.3	12	11	8	12
1908	40.7	83	−4	4.76	3.7	12	11	8	12
1909	35.6	74	−5	3.07	7.3	12	10	9	12
1910	44.9	88	5	0.56	1.0	5	15	10	6
1911	35.0	73	−18	2.57	10.1	13	11	8	12
1912	33.6	72	−8	5.05	6.9	13	10	8	13
1913	42.1	81	−7	5.27	2.1	13	9	8	14
1914	34.2	79	−12	2.61	13.4	10	10	8	13
1915	32.9	62	−4	1.28	9.5	7	15	8	8
1916	30.7	84	−31	4.12	17.6	12	12	8	11
1917	37.3	84	−12	3.68	12.7	14	11	8	12
1918	41.6	82	0	2.34	1.5	8	17	7	7
1919	41.1	79	6	3.57	2.4	10	15	7	9
1920	38.7	80	−11	2.83	6.4	9	16	7	8
1921	48.0	88	7	3.33	1.0	14	12	9	10
1922	40.0	81	−5	4.37	6.1	14	11	6	14
1923	37.0	80	−8	2.49	6.2	11	13	8	10
1924	36.1	78	3	2.83	10.3	9	12	9	10
1925	40.9	79	−15	2.56	2.2	10	14	6	11
1926	33.1	79	−16	1.91	4.0	10	14	8	9
1927	42.0	82	−6	2.61	0.7	10	13	7	11
1928	37.0	82	−3	3.24	14.5	11	12	9	10
1929	43.7	89	−5	2.69	4.4	12	12	8	11
1930	37.9	78	−9	3.03	4.9	10	13	7	11
1931	36.3	69	10	2.96	6.6	11	8	7	16
1932	33.4	72	−8	4.41	14.7	11	10	8	13
1933	36.6	79	−7	5.33	5.6	14	8	7	16
1934	34.9	78	−22	2.96	7.7	12	12	7	12
1935	42.8	83	−6	2.62	2.9	12	11	7	13
1936	42.6	84	−3	6.84	7.4	15	9	7	15
1937	34.2	67	−3	2.00	8.3	10	11	8	12
1938	42.7	87	−5	3.19	2.0	14	10	8	13
1939	38.6	85	−10	3.59	3.8	12	11	8	12
1940	32.4	76	−13	4.89	7.9	14	8	7	16
1941	31.8	67	−10	2.10	18.0	9	13	7	11
1942	40.0	76	4	4.47	16.1	13	9	8	14
1943	37.2	85	−15	2.74	7.2	10	11	9	11
Period	37.6	92	−31	3.50	7.9	11	11	8	12

Climatological Data for March, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	37.1	−0.8	77	31	5	4	2.55	−0.85	1.34	6	5.6	12	12	8	11	ne.	Allent'n-Bethlehem Gas Co.
Altoona(near)	Blair	1,615	56	37.4	0.0	77	31	− 4	9	2.88	−0.40	0.91	6	11.9	12	17	9	5	w.	City of Altoona.
Bedford	Bedford	1,120	11	39.3	+0.1	78	31	− 2	9	2.23‖	−1.56	1.00	6	10.0	12	14	5	12	nw.	Charles C. Lee.
Bethlehem	Northampton	364	57	38.2	−2.2	74	31	0	3	2.32	−0.92	0.88	6	6.0	10	18	1	12	w.	Lehigh University.
Burnt Cabins(near)	Huntingdon	990	2	36.8	.....	81	31	− 5	9	2.24	.....	1.06	6	13.5	10	14	8	9	n.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	74	40.5	+1.8	84	31	3	9	2.81	−0.50	1.05	6	9.0	8	16	4	11	sw.	Clarence E. Miller.
Chambersburg	Franklin	600	46	41.3	+1.5	82	31	5	9	2.64	−0.63	1.07	6	8.8	12	9	10	12	ne.	William B Spear.
Coatesville	Chester	431	56	40.0	+0.2	80	31	5	4	3.50	−0.52	1.60	6	4.8‖	9	3	12	16	nw.	Howard L. Pyle.
Curwensville (near)	Clearfield	2,215	1	32.0	.....	74	31	− 6	4	3.58	.....	1.16	19	.....	11	.....	.....	.....	.....	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	2	30.6	.....	76	31	−11	4†	4.34	.....	1.15	11-12	4.5	10	10	7	14	ne.	Carl E. Bigger.
Emporium	Cameron	1,033	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	46	40.9	+0.8	83	31	7	4	2.62	−0.71	1.13	6	4.4	7	11	7	13	ne.	Ira J. Keath.
Freeland	Luzerne	1,970	50	32.3	−0.5	66	31	− 3	8	3.14†	−1.23	1.06	6	4.3	11	.....	.....	.....	sw.	Andrew B. Evansha.
George School	Bucks	184	37	40.8	+1.7	72	26	4	4	2.60	−1.08	1.60	6	5.6	12	17	5	9	n.	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	41.8	+1.7	82	31	5	9	2.93	−0.59	1.22	6	8.5	10	13	12	6	w.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	36.6	0.0	79	31	− 4	4	3.05	−0.84	1.10	6	6.0	9	13	8	10	ne.	Miss Sallie M. Johnson.
Hanover	York	600	39	39.4	−2.9	82	31	5	4	3.14	−0.17	1.23	6	8.5	13	16	3	12	s.	Evening Sun.
Harrisburg Airport	York	351	74	40.6	+1.7	83	31	8	4	2.69	−0.35	1.14	6	4.5	12	5	9	17	w.	U. S. Weather Bureau.
Hawley	Wayne	900	25	33.8	−0.8	72	31	−13	9	2.99	+0.09	1.16	6	9.5	11	16	7	8	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	28	40.4	−0.8	79	31	10	4	3.27	+0.25	1.24	6	11.0	11	14	6	11	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	56	35.7	−2.9	82	31	− 7	9†	2.06	−1.40	0.75	6	5.9	13	9	11	11	w.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	40.8	+1.2	84	31	6	4	2.84	−0.48	1.19	6	4.9	12	16	8	7	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	35.2	+0.8	80	31	−13	4	2.13	−0.17	0.72	11	10.0	8	10	12	9	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	37.4	−1.8	84	31	5	4	2.55	−0.93	1.07	6	7.0	11	20	3	8	nw.	Lebanon Valley Gas Co.
Lewistown	Mifflin	467	5	41.4	.....	83	31	4	9	1.86‖	.....	0.65	6	3.4‖	11	9	7	15	.....	Penna. Edison Co.
Lock Haven	Clinton	557	53	36.1	−2.4	80	31	0	4†	2.40	−0.97	0.64	11-12	8.0	9	17	5	9	e.	William R. Kelley.
Marcus Hook	Delaware	12	17	44.5	+0.4	83	31	11	4	3.16	−0.26	1.58	6	4.4	12	20	1	10	nw.	Sun Oil Co.
Martinsburg	Blair	1,493	1	35.8	.....	76	31	0	9	1.72	.....	0.56	11	.....	10	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose	Susquehanna	1,176	38	29.8	−2.3	76	31	− 7	4†	3.68	+1.01	0.86	6	12.3	10	14	4	13	s.	Harry S. Fancher.
Mt. Pocono	Monroe	1,914	2	30.8	.....	70	31	− 6	4	3.24	.....	1.59	6	11.3	10	8	9	14	nw.	U. S. Weather Bureau.
Orangeville‡‡	Columbia	610	5	35.8	.....	80	31	−10	4	2.67	.....	0.83	16-17	2.0	8	12	10	9	w.	Benjamin F. Conner.
Palmerton	Carbon	455	25	37.8	+0.6	72	31	3	9	1.74	−1.30	0.98	6	5.3	9	7	11	13	n.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	2	41.3	+2.2	79	31	7	4	2.92	−0.47	1.47	6	7.8	10	7	8	16	sw.	U. S. Weather Bureau.
Philipsburg	Centre	1,916	1	32.1	.....	74	31	− 15	9	1.92	.....	0.61	19	9.5	9	4	10	17	w.	U. S. Weather Bureau.
Phoenixville	Chester	100	33	44.7	+3.6	85	31	2	4	3.07	−0.57	1.47	6	3.5‖	12	14	6	11	w.	Phila.-Suburban Water Co.
Port Clinton	Schuylkill	407	5	38.1	−0.3	80	31	2	4	2.67	−1.20	0.90	6	7.0	11	21	7	3	n.	Earl E. Rarick.
Quakertown	Bucks	480	58	38.5	+1.2	74	31	1	4	3.14	−0.65	1.31	6	5.5	12	14	7	10	nw.	John E. Benner.
Reading	Berks	273	73	41.0	−0.4	82	31	7	4	2.67	−0.85	1.20	6	8.8	9	6	11	14	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	49	36.2	+0.5	77	31	0	4	3.21	0.01	0.82	6	5.0	11	5	14	12	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	53	38.4	−0.1	81	31	− 1	4	2.72	−0.80	1.00	6	§	10	5	5	21	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	37.4	+1.3	77	31	1	4	2.26	−1.08	0.70	11-12	5.0	11	4	16	11	sw.	Penna. State College.
Stroudsburg	Monroe	440	29	37.8	+1.4	74	31	− 1	9	2.36	−1.15	1.35	6	5.6	10	7	8	16	n.	Metropolitan Edison Co.
Towanda	Bradford	754	49	36.1	+1.0	80	31	−11	4	2.64	+0.05	0.65	5-6	7.3	10	13	8	10	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	73	31.0	−1.9	78	31	−13	4†	1.71	−0.95	0.61	10-11	10.0	9	10	11	10	s.	M. S. Bliss.
West Chester	Chester	440	94	41.5	+2.4	81	31	5	4	2.82	−1.01	1.42	6	9.8	12	16	6	9	w.	Clyde T. Saylor.
Wilkes-Barre	Luzerne	544	5	35.6	.....	78	31	− 1	4	2.25	−0.66	0.74	6	5.5	8	4	8	19	s.	U. S. Communication Sta.
Williamsport	Lycoming	550	57	39.1	+1.6	81	31	1	4	2.86	−0.36	0.86	19	10.3	11	14	12	5	w.	John D. McEwen.
Woodward(near)	Centre	2,208	2	32.8	.....	76	31	− 5	4	2.08	.....	0.60	5-6	.....	12	.....	.....	.....	.....	U. S. Weather Bureau.
York	York	400	55	42.5	+1.9	81	31	7	4	2.91	−0.20	1.36	6	5.8‖	13	12	11	8	s.	York Water Co.
Division mean				37.7	+0.1	85	31	−15	9	2.70	−0.80	2.22	6	7.3	11	12	8	11	w.	
Ohio Drainage																				
Bradford	McKean	1,680	2	32.7	.....	77	31	−15	9	2.75	−0.80	0.75	11-12	6.5	11	8	9	14	w.	City Water Dept.
Brookville	Jefferson	1,400	53	33.3	0.0	76	31	− 5	3	2.20	−1.05	0.60	19-20	.....	8	.....	.....	.....	.....	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	36.4	−1.4	75	31	− 1	4	2.70	−0.74	0.78	11-12	8.0	8	12	18	1	w.	Butler Eagle.
Claysville	Washington	1,170	38	35.3	−5.7	75	16†	− 7	4	3.19	−0.14	1.17	5-6	7.0	9	11	12	8	nw.	Walter B. Paget.
Coudersport	Potter	1,653	16	34.0	+1.5	77	31	12	9	2.60	−1.13	0.50	11-12	8.7	11	15	5	11	sw.	Philip R. Shaw.
Derry	Westmoreland	1,150	46	40.6	+0.9	77	16†	0	4	2.28	−1.58	0.68	6-7	3.0	10	13	12	6	w.	Miss N. Dixie Wineman.
Donora	Washington	761	17	41.2	−0.8	79	16†	4	4	2.75	−0.76	1.12	6	2.0	7	8	6	17	w.	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	32.0	−3.3	76	31	4	4	2.53	−1.11	0.82	6-7	4.1	12	11	10	10	w.	Miss. Emma H. Eastman.
Franklin	Venango	987	69	33.7	−1.7	77	31	− 2	4	2.36	−0.99	0.71	11	8.0	11	14	10	7	n.	William K. Fuller.
Greensburg	Westmoreland	1,160	34	40.4	+0.5	77	16†	− 3	4	2.59	−0.83	0.71	5-6	6.7	12	10	16	5	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	42	38.0	−0.6	76	16	− 5	4	2.56	−1.19	0.69	5-6	5.2	11	9	13	9	se.	Indiana State Teachers Col.
Johnstown	Cambria	1,650	61	37.9	−1.3	76	31	− 2	9	3.02	−1.48	0.93	5-6	10.2	12	13	11	7	s.	Robert Tross.
Kane	McKean	1,938	10	30.3	−1.2	75	31	−13	3	2.00	−2.24	0.61	11-12	3.7	11	6	18	7	w.	U. S. Weather Bureau.
Meadville	Crawford	1,065	49	32.0	−2.8	77	31	− 6	4	2.89	−0.49	0.85	16	8.6	13	8	8	15	sw	City of Meadville.
Midland	Beaver	780	6	39.9	.....	77	15	1	4	3.23	.....	1.05	10-11	8.5	8	7	15	9	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	38.8	+1.9	79	31	− 1	4	3.30	+0.26	0.86	11	5.7	10	5	20	6	n.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	37.6	−0.6	75	31	− 1	4	3.26	+0.23	1.22	5-6	10.6	12	5	10	16	s.	U. S. Weather Bureau.
Pymatuning Dam	Crawford	1,050	2	32.2	.....	78	31	− 6	4	2.41	.....	0.72	15-16	.....	9	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1,371	36	31.2	−2.3	78	31	−11	4†	2.67	−0.58	0.88	11-12	6.0	10	12	9	10	s.	West Penn Power Co.
Sharon	Mercer	940	30	38.9	+1.3	82	31	.....	3†	2.74	−0.02	0.87	16-17	4.0	8	24	1	6	ne.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,190	76	36.4	+0.5	76	16	− 3	9	2.63	−2.09	1.03	5-6	11.7	10	5	11	15	sw.	D. L. Grove.
Springs	Somerset	2,500	26	33.6	−2.5	71	16†	− 5	9	2.27	−2.04	0.58	13	9.8	9	5	8	18	w.	Allen E. Yoder.
Uniontown	Fayette	1,060	55	42.0	+0.6	78	16†	0	4	2.46	−1.53	0.56	6	4.0	10	14	13	4	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	29	40.2	+0.3	79	31	0	4	2.87	−0.65	1.04	6	.....	8	12	14	5	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	54	34.4	+0.1	78	31	− 8	4	3.37	+0.05	1.07	16-17	12.8	13	10	4	17	w.	Harold L Johnson.
Waynesburg	Greene	1,100	12	40.6	0.0	77	16†	− 4	4	3.04	−1.05	0.98	6	4.0	8	7	16	8	w.	Thomas S Knox.
Division mean				36.3	−1.3	82	31	−15	9	2.72	−0.78	2.25	5-6	6.9	10	10	11	10	w.	
Lake Drainage																				
Erie	Erie	670	70	35.0	+1.5	76	31	3	3	2.51	−0.11	0.85	16	10.8	11	8	8	15	w.	U. S. Weather Bureau.
State mean				37.2	−0.4	85	31	−15	9	2.74	−0.76	2.25	5-6	7.2	10	11	9	11	w.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. * Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, ª, ᵇ, ᶜ, etc., indicate, respectively, 1, 2, 3, etc., missing from the record.

‡‡ Formerly Bloomsburg [near]

Daily Precipitation for March, 1943

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2]	Pike			.05	.11		.18	1.21					.18				.04	.15	.33		.34		T.								.30		2.89
Hawley[2]	Wayne			.13	.09		.21	.95			T.		.19		.06		.02	.34	.13	T	.46									T.	.41		2.99
Hollisterville[2]	Wayne	T.		.07	.09		.12	1.15					.23					.29	.41	T.	.40	T.								T.	.49		3.25
Lakeville[2]	Wayne			.04	.29	.01	.29	.95					.18				.04	.25	.12	T.	.86									.01	.41		2.95
Matamoras[2]	Pike			.05	.12		.14	.97					.21				.13	.11	.27		.35										.36		2.71
Mount Pocono[5]	Monroe		T.	.15			1.59			T.	T.	.23	.05	.06			.07	.22		.48	T.	T.	.04				T.			.35			3.24
Pleasant Mount‡	Wayne																																
Stroudsburg	Monroe			.14			.75	.60					.15	.10			.03	.26		.16	.07		T.								10		2.36
Tanners Falls‡	Wayne			.13			1.03					.36	.05	.02			.29	.62		.69	.05									.45			3.68
LEHIGH																																	
Alleutown[2]	Lehigh			.10	.05		.08	1.26				T.	.15		.22		.04	T	.31	.09	.16	.01	T.				T.	T.			.08		2.55
Bethlehem‡	Northampton			.22			.88					.08	.11	.30			.04	.43		.15	T						T	.02			.09	T.		2.32
Blakeslee Corners‡	Monroe			.20			.93					.21	.10	.03			.09	.37		.37	.08										.20			2.58
Gouldsboro[2]	Wayne			.08	.10		.45	.75		T.		.03	.32		.35			.37	.16		.38											.43		3.42
Lansford[2]	Carbon			.09	.06		.13	.84				.04	.36		.08			.33	.13	.03	.28											.09		2.46
Mauch Chunk	Carbon			.26			.72	.64				.03	.42	.08			.07	.31		.30	.05		T.				T	T.		.12			3.00
Merwinsburg[2]	Monroe																																
New Tripoli	Lehigh		.09				1.28	T.				.03	.28	.18			.03	.24		.30	.01		T							.07			2.51
Palmerton‡	Carbon			.12			.98					.12	.05	.08			.01	.15		.15			T.				T.			.08			1.74
Zionsville	Lehigh			.60			1.12					.05	*	.29			.08	.81		.02	.03									T.			3.00
SCHUYLKILL																																	
Conshohocken	Montgomery			.05			1.21	.03						.04			.02	.06	.23	.36		.28						.16					‖2.44
Fredericksville[2]	Berks			*	.14		T.	1.23				T.	.29		.22		T.	.01	.45	.14	.14		T.	T.				T.	T.			.03	2.65
Freeland[2]	Luzerne			.15	.20		.28	.78				.03	.35		T.		T.	.63	.18	.04	.40			T								.10	‖3.14
Gratersford[2]	Montgomery			T.	.18		.02	1.21				.06	.72		.16			.21	.36	.11	.43		T.	.07					.04				3.57
Phoenixville[2]	Chester			.02	.10		.11	1.36				T.	.14		.22		T.	.02	.23	.19	.46		.01						.21		T.		3.07
Port Clinton	Schuylkill			.30			.30	.60				.03	.35	.20			.03	.22		.38	.18										.08			2.67
Pottstown[2]	Montgomery			.07	.20		.14	1.10				.04	.14		.22		T.	.08	.43	.17	.30		.02						.09			.03		3.03
Pottsville[2]	Schuylkill			T.	.05		T.	1.00				.03	.34		.09			.70	T	.18	.30											.03		2.72
Reading‡[1]	Berks			.18			1.20					.14	.09	.20			T.	.32		51			.02				T.			.01			2.67
Wernersville	Berks			.11			1.14	T.				.11	.17	.19			T	.23		.60	.01		T.							.01	.02		.02	2.61
LOWER DELAWARE																																	
Coatesville	Chester			.15			1.60					.05	*	.38			T.	.54		.65		T.	.03					.10						3.50
Doylestown	Bucks			.08			1.04	.10					.14	.26			.08	.11		.37								.02	.06		.02			2.28
George School	Bucks			.20			1.02	.58						.27			.07	.04		.25	.03		.01					.08	.05		.05			2.60
Marcus Hook[2]	Delaware			T.	.06		.02	1.56					.05		.36		.04	.02	02	.24	.61		.14	T.					.04			T.		3.16
Philadelphia Airport Station[1]	Philadelphia		T.	.05			1.47					T.	.07	.32		T.	.04	.03		.63	T.	22	.03				T.	T.	.06	T.		T.	T.		2.92
City Office‡[1]	Philadelphia		T.	.10			1.53					.01	.06	.40			.01	.01		.57		.27	.07				T.	.07			.02			3.12
Franklin Inst.[2]	Philadelphia			.03	.01		.02	1.74					.08		.35		.03		.01	.25	.29		.25						.06			.02		‖3.14
Shawmont	Philadelphia			.12			1.28	.58					.06	.28			.04	*	.02	.51	T.		.43					.02	.05		.02			3.41
Quakertown	Bucks			.14			1.31	T.				.06	.16	.23			.04	.73		.35	.02		T.					.02	.01		.07			3.14
West Chester	Chester			.12			1.42					T.	.05	.37			.01	.11		.60	T	.01	.05					.03	.04		.01			2.82
West Grove[2]	Chester				.04			1.45				.08	.07		.47		.03	.12	.10	.47	.41		.15						.10					3.49
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg‡	Tioga		.14	.20			.51	.03				.07	.54			.02	.21	.09		.41										.29			2.51
Centerville[2]	Bradford	.02		.09			.15	.33					.43				.21	.18	.02	.03	.24										.03	.55		2.28
Covington[2]	Tioga			.21	.01		.22	.42				.02	.64				.08	T.		T.	.24										.13		1.97
Lawrenceville	Tioga			.19			.52					.10	.62				.18			.10	.10									.32			2.13
NORTH BRANCH																																	
Canton[2]	Bradford	.05		.17			.03	.71					.52					.25	.08		.44			.01							.22		2.48
Danville[2]	Montour			.04	.06		.14	.59				.04	.50		.02			87	.02	.03	.38										.11		2.80
Kellogg Mt Tower[2]	Bradford	.01		.15	.05		.11	.57				.02	.46				T.	.32	.09	T.	.49		T.								.24		2.51
Millville‡	Columbia			.08			.45					.51					.18	.64		*	*	*	.42				.04				.15	.04		2.51
Montrose[2]	Susquehanna	T.		.09	.06		.10	.76					.41				.03	.33	.41		.72	T.										.77		3.68
Orangeville[2]	Columbia				.08			.67					.44		.03			.83	.03		.53											.06		2.67
Orwell[2]	Bradford			.21		.01	.03	.42					.35				.04	.63	.08	.05	.17										.01	.65		2.65
Pikes Creek‡	Luzerne			.16			1.05					.46	.10				.16	.63		.65	.03										.18			3.42
Rush[2]	Susquehanna			.20	.10		.20	.48					.25				.20	.85	.15	T.	.72										T.	.54		3.69
Scranton‡[1]	Lackawanna		.01	.14		T.	.82					.47	.08	.03			.07	.71		.37	.01	T.	T					T			.50			3.21
Susquehanna[2]	Susquehanna			.09	.08		T.	.68					.36				T.	.43	.37		.43											.54		2.98
Towanda	Bradford		T	.20		T.	.65	.01				.14	.18				.14	.31		.30	.23		T.	T.	T.						.48			2.64
Tunkhannock‡	Wyoming		.01	.27			1.12					.30	.04				.05	.29		.37											.44			2.89
Wilkes-Barre[5]	Luzerne		T.	.15		T.	.74					.47	.01	.03		T.	T.	.21	T.	.47	T.	T.	T.				T.				.17			2.25
WEST BRANCH																																	
Ansonia[2]	Tioga	T.		.12	T.		.08	.20				.01	.51				.11	.15	T.	T.	.25		T.	T.								.11		1.54
Bald Eagle‡	Blair			03			.52					.98	.01	.06																				§
Berwinsdale[2]	Clearfield												.62	T.			.27	.17	T.	T.	.72							T.				T.		§
Carter Camp‡	Potter		.11	.09			.46					.75	.04				.46	.10		.43											.24			2.68
Cedar Run[2]	Lycoming			.22			.08	.38					.58				.32	.18			.48			05								.18		2.47
Clearfield[2]	Clearfield	.19		.22			.10	.33					.85		.04		.16	.30		.04	1.03											.12		3.38
Curwensville[5]	Clearfield	T.	.20	.05	T.	.05	.66	.02	.03			.87		T.			.47	.02		1.16	T.	T.	T.				T.	T.			.05			3.58
Driftwood‡	Cameron		.09	*	*	*	*	*	.63			.70					.36	.08		.64	.01										.10			2.61
Du Bois(near)	Clearfield		T.	.15			.42	.07				.31	.51				.27	.09		.23	.70		T.								.01			2.76
Dushore‡	Sullivan		.03	.21			.51					*	*	*	*	.40	.21	.42		1.13	.01										.20			3.12
Eagles Mere[2]	Sullivan	T.		.13	.03		.15	.30				.12	1.15					1.06	.16	T.	1.09			T.								.15		4.34
Emporium[2]	Cameron																												T.		.18		§
English Center‡	Lycoming			.04			.66					.65																						§
Galeton	Potter		T.	.21			.59	.02	T.			.64	.20				.27	.12		.30		T.		T		T.			T.		.20			2.55
Karthaus[2]	Clearfield			.17			.05	.27				.06	.65				.09	.26		.02	.82														2.39
Lock Haven[2]	Clinton			.17	T.		.10	.39				.02	.64					.36		T.	.63		.01									.08		2.40
Medix Run‡	Elk		.19	.07			.33					.88	.01				.34	.07		.64											.11			2.59
Philipsburg[5]	Centre	T.	.09	.06	T.	.02	.59	T.	T.		.04	T.		.08		T.	.31	.17		.61	T.	T.	T.	T.			T.	T.			T.			1.92
Renovo[2]	Clinton			.16	T.		.09	.38				.12	.48				.08	.24	T.	.02	.66											.16		2.39
Shaffers Path[2]	Lycoming			.11	.02		.21	.57					.66				T.	.66	.09		.70											.18		3.15

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Susquehanna Basin (continued)																																
WEST BRANCH (continued)																																
State College‡	Centre		.08	.05			.50	T.				.65	.05	.02			.15	.21	T.	.52	T.		T.	T.			.01	T			.02		2.26
Tamarack Tower[2]	Clinton	.04		.17	.02		.05	.39	T	T.		.01	.71	T.			.07	.40	T.	.01	.59			T.						T.		.16	2.62
Wellsboro[2]	Tioga			.11	T.		.11	.38				.01	.60				.01	.13		T.	.27									T.		.09	1.71
Williamsport[2]	Lycoming			.11	.03		.21	.52				.01	.41					.18	.10	.01	.85											.13	2.86
JUNIATA																																
Altoona(near)	Blair		T.	.11			.91	.12	.04			.41	.39	.11			.09	.06		.18	.43		T.	.03									2.88
Bedford[2]	Bedford			.10	T.		.40	.60				.05	.40	.14	.17			*		*	.24						.02	.11					2.23
Breezewood Intch[3]	Bedford			.04			.92					.30		.30				.10		.09	.05						.06	.14					2.00
Buffalo Mills[2]	Bedford			.02			.22	.61					.50	.28	.15						.27									.09			2.14
Burnt Cabins(nr.)[3]	Huntingdon		.01	.08			1.06					.41	.08	.18				.29		.06	.03					T.	.03						2.23
Charter Oak(nr.)‡	Huntingdon		.04	.05			.68					.56	.06	.05			.13	*	*	*	*	*	.47										2.04
East Waterford[2]	Perry			.03	.05		.20	.70	T	T.		.05	.44	T.	.19		T.	.21	.02	.02	.14		.01	T.				.05	.02			T.	2.13
Huntingdon[2]	Huntingdon			.04	.02		.17	.58	T.			.05	.50	.01	.15		.01	.10		.02	.40			T.				.01					2.06
Lewistown[2]	Mifflin			.03	T.		*	.66				.07	.55		.03			.20			.25			.01				.04	.03			T	11.86
Loop Mt. Tower[2]	Huntingdon			.07			.28	.59	.04			.03	.64	.04	.11			.18	.03		.44							.02					2.47
Mapleton Depot[2]	Huntingdon			.03	.05		.14	.73				.05	.55		.14			.13	.04		.38							.04	.03				2.31
Martinsburg[5]	Blair		.01	.03		.02	.41	T.	T.		T.	.56	T	.17			T.	.09		.39			T.			.02	.02					1.72
Newport[2]	Perry			T.	.18		.06	.77				.11	.53	.02	.10			.38	.04	T.	.18		T.										2.37
Saxton[2]	Bedford			.03	.06		.19	.68	.01	T.		.03	.45	T.	.22			.30		.01	.25			T.			.02	.04					2.29
Shade Gap‡	Huntingdon			.04			.71					.59	.10	.19			.15	.21		.12						.03	.11						2.25
LWR SUSQUEHANNA																																
Arendtsville[2]	Adams			T.	.04		.23	.88				.07	.44	.05	.34		T	.52		.07	.14		T.	T.			T.	.01					2.79
Bloserville	Cumberland			.10			.96		T.			.08	.50	.07			T.	.17		.08	.09		T.	T.			T						2.05
Blue Mt. Intchg.[3]	Franklin		T.	.12			.39	T				.70	.08	.24		.02		.29		.08	.06	T.					.03	T.					2.01
Carlisle	Cumberland		T.	.18			1.05					.22	.26	.20			T.	.54		.17		T.	T.					.19					2.81
Ephrata	Lancaster			.12			1.13	T.				.11	.11	.24			T.	.49		.42			T.					T.	T.		T		2.62
Glen Rock‡	York			.04			1.20					.10	.04	.47				.27		.65	.03							.03					2.83
Gordon	Schuylkill			.11			1.10					.17	.30	.07				.92		.19	.09		T.								.10		3.05
Hanover[2]	York			T.	.09		.15	1.08				.05	.18	.17	.27			.64	.03	.26	.18		.04	T.				T.	.05				3.14
Harrisburg Arpt‡[1]	York		T.	.03			1.14	T.				.27	.02	.15				.75		.16	.09	T.	.01	.01			.01	.05			T.		2.69
Holtwood[2]	Lancaster			T.	.15		.15	1.09				.02	.08	T.	.28		T	.47	.13	.46	.25		.19	T.								T	3.27
Huntsdale[2]	Cumberland				.04		.10	.74				.04	.32	.06	.22		T.	.34	.02	.07	.10		.01	.01				.02	.01				2.10
Lancaster	Lancaster			.09			1.08	.11				.03	.10	.22				.49		.59	.02	T.	.04					.01	.06				2.84
Lebanon[2]	Lebanon			T.	.03		.10	.97				.05	.22		.20			.55	.08	.10	.20		T.	T.				.05				T	2.55
Manada Gap	Dauphin		T.	.04			2.22					.26	.30	.17				1.01		.28	.04		T.	T.				.07			T.		4.39
Middletown[3]	Dauphin			.08			1.00					.27	.03	.12				.70		.33	.07	T.	T.				.01	.02					2.63
Millersburg‡	Dauphin						.65					.54	.10	.09				.70		.15	.02						.05	.03					2.33
New Park	York			.09			1.00	.13				*	*	.75				.48		.79		.02	.06					.08					3.40
Penn Nursery[2]	Centre			.15	.09		.21	.38	T.			.09	.72	T.	.05			.21	.02	.02	.44							T.				.04	2.42
Peters Mt. Tower[2]	Dauphin			T.	.09		.05	.73	T			T.	.40		.21		T.	.37	.21	.08	.11		.01	T.				.05	.01			T.	2.32
Pine Grove[2]	Schuylkill				.09		*	.88				.06	.48		.12			.76	.12	.13	.37		T.					T.	T.			.03	3.04
Ringtown[2]	Schuylkill		.52	.15			.25	.65				.03	.20					.56	.05	T.	T.											.11	2.52
Selinsgrove	Snyder			.08			1.00					.09	.48	.04			.03	.47		.11	.07		T.					T.			.35		2.72
Shippensburg	Cumberland		T.	.05			.96					.19	*	.84				.20		.10	.05		T					T.	T.				2.39
Sunbury[2]	Northumberland			.08	.10		.11	.79				.02	.54		.03			.64	.08	T.	.26			T.								.05	2.70
Woodward[5]	Centre	T.	.13	.05		.01	.59	.02			*	.48	T.	.01		T.	.22	.14		.36	T.	T.	T.			T.	T.			.07		2.08
York	York			.06			1.32	.04				.04	.12	.33				.45		.36	.04		.04	.02			.02	.07					2.91
York Haven[2]	York			T.	.04		.13	1.07				.04	.24		.10			.45	.12	.14	.15		.04	T.				.02					2.54
Potomac Basin																																
Chambersburg[2]	Franklin			.01	.02		.29	.78				.07	.53	.20	.23		T.	.31		.05	.12		T.					.03					2.64
Gettysburg	Adams			.03			1.19	.03				.16	.24	.48			T.	.48		.23	.05		T.	T				.04	T				2.93
Hewitt(near)‡	Bedford			.06			1.36					.40	.07	.50				.11		.13	.05							.03					2.71
Hyndman[2]	Bedford			T.			.29	.77				T.	.38	.17	.27			T.		T.	.24									.12			2.34
McConnellsburg[2]	Fulton			T.			.54	.62				T.	.55	T.	.37			.31			.10							T.	*				2.49
Mercersburg	Franklin			*			1.15					.51		.63				*		*	.20								*				2.49
South Mt. San't'm[2]	Franklin				.16		.37	.81				.05	.52	.21	.29		T.	1.00	T.	.06	.16		.01	T.				.01	.03				3.67
GULF DRAINAGE																																
Ohio Basin																																
ALLEGHENY																																
Acmetonia[2]	Allegheny			.21	.02		.33	.81				.01	.69				.04	.22		T	.79							.01					3.13
Allens Mills‡	Jefferson		.17	.05			.61					.94	.02				.49	.08		.56											.10		3.02
Blairsville[2]	Indiana	T.		.07	.01		.02	.32	T.	T.		.01	.48	T.	.02		.06	.40		T.	.67			T.		T		.02					2.08
Bradford	McKean		T.	.18			.13	.06	T.			.16	.59				.66	.25		.11	.16			.03							.42		2.75
Brookville[5]	Jefferson	T.	.14	.02	T.	T.	.22	.03	T.			.59	T.				.53	T.		.60			T.								.07		2.20
Buckstown‡	Somerset			.05		.02	.88					.47	.02	.20			.12	.02		.44	.01						.06	.10		.04	.03		2.41
Cherry Grove‡	Warren		.15	.07			.39	.01			*	.88	.01				1.13	.01		.38											.19		3.22
Clarion[2]	Clarion	.06		*	.26		.07	.66				.10	1.03					.38	.31		.01	.69										.09		3.66
Coudersport	Potter		.02	.45			.40	.02				.19	.50					.42	.06		.19	.07		T								.28		2.60
Crooked Crk. Dam‡	Armstrong		.02	.01			.63					.65						.30	.02		.83	.02											2.48
Derry	Westmoreland		T.	.16			.65	.03				.41	.04	.05				.07	.30		.14	.43		T.			T.	T.					2.28
Dunlo‡	Cambria		.01	.09		.03	.74											.15	.05	*	*	*	*	.53			.04				.03		5
Ebensburg[2]	Cambria			.06	.01		.15	.67	.02	T.		.02	.77	.03	T.			.05	.16		.01	.58			T.								2.53
Franklin[2]	Venango	.16		.20	T.		.10	.17	.02			.19	.52					.37	.20			.40						T.				.03	2.36
Glen Hazel[2] (nr.)	Elk	.08		.20	T.		.04	.44	T.			.06	.78					.46	.22		.02	.39			T.				.02	T.	T.	.10	2.81
Homet‡	Indiana		.09	.07			.63					.71	.07	.02				.48	.09		.80	.10											3.06
Indiana	Indiana		.01	.09			.69	.12				.21	.42	.03				.06	.26		.15	.52		T.			T.	T.					2.56
Johnstown	Cambria		.01	.11			.93	.04	.02			.43	.37	.19				.16	.14		.21	.41											3.02
Kane[5]	McKean	.05	.11	.05	T.	.01	.28	.05				.61						.37			.30	T.		.01			T	T.	T.		.16		2.00
Laurel Hill Smt‡	Westmoreland			.09		.10	1.02					.41	.02	.27				.16	.01		.78							.07					2.93
Laurel Hill Tunnel[3]	Westmoreland		T.	.15		.07	1.19	T.	T.			.35	.18	.11				.09	.06		.67	T.		T.			.04	.17					3.08
Lycippus	Westmoreland		.01	.46	.02		.86	T.				.21	.20	.26				.06	.33		.17	.53		T.				.03					3.14
Mahoning Dam‡	Armstrong		.03	.09	.02		.71				.03	.80	.02					.50	.04	.05	1.03	.02										.07		3.41
Marienville‡	Forest																																
Meadville[2]	Crawford	.03	.01	.08	.01		.13	.56	T.			.33	.41					.37	.48		T.	.33				.02						.13	T.	2.89
Mosgrove[2]	Armstrong			.19	.03		.20	.64	T.			.02	.84					.16	.28		T.	.98											T.	3.34
Parkers Landing[2]	Armstrong	.05		.17			.15	.61				.05	.95					.28	.22			.65												3.08

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Pittsburgh City Off[1]	Allegheny		.14	10		.12	.96	.01				.76					.16			.80			T.				.01						3.06
Port Allegany[2]	McKean	.06	.01	12	T.	T.	.17	.30	01			.04	.72				.24	.29		.01	.28		T.				T.			T	.34	2.59
Punxsutawney[2]	Jefferson			23			.13	.63				.01	.90				.12	.04		T.	1.05										T.	3.16
Ridgway[2]	Elk	.02		.9	T.		.07	.46	T.			.05	.83				.26	.26		T.	.43		T.				T.				.09	2.67
Saltsburg[2]	Indiana			19	T.		.37	.67	T.			.01	.65	T.	T.		.05	.30	T.		.67		T.		T.	T	T					2.91
Seward[2]	Indiana			.11			.24	.89					.55		.21			.19			.55											2.74
Smethport[‡]	McKean		.06	.04			.32					.69	.02			.03	.58	.09		.30										.33		2.46
Strongstown[‡]	Indiana		.03	.07			.62					.80		.04			.44	.07		.72	.01											2.78
Tionesta Dam[‡]	Forest		.12	.04			.47				.03	.93		.02			.90			.40										.12		3.03
Titusville[‡]	Crawford		.09	.08			.44					.68	.02				.82			.35										.10		2.58
Union City[‡]	Erie		.06	.03			.40				.15	.55	.03				.81			.43										.19		2.65
Vandergrift[2]	Westmoreland		.13	.14			1.04					.67					.20	.02		.65							.02					2.87
Warren[2]	Warren	.20	T.	.30	.05		.20	.32	.01			.16	.65				.58	.49		.01	.27	T.		T.		T.			T.	T.	.13	3.37
Youngsville[‡]	Warren		.07	.06			.50				.01	.72	.03				1.03			.30	.04										.16		‖2.92
MONONGAHELA																																	
Confluence[2]	Somerset	T.		.02	T.		.17	.67	T.			T.	.44	.19	.15			.15			.57		T.	T.				.10	.12			2.58
Connellsville[2]	Fayette			.19	.01		.25	.50	T.				.27	.12	.08			.21			.53							.05	.02			2.23
Donora[3]	Washington		T.	.20		T.	1.12	T				.45		.03			.25	.13		.57			T.				T.	T.				2.75
Green-boro[2]	Greene			.20	.03		.20	.65	T.				.35	.15	.13			.33		T.	.58		T				.05	.14				2.81
Greensburg	Westmoreland		.04	.27			.71	.09	T.			.36	.16	.06			.05	.45		.16	.22		T.				T	.02				2.59
Irwin	Westmoreland		.01	.24			1.10	.14	T.			.24	.33	.02			.02	.34		.30	.33		T.	T.			T.	.02				3.09
Meyersdale[2]	Somerset			.03	.01		.13	.78	.01			.01	.44	.20	.13			.03			.38		T.									2.15
Murrysville[‡]	Westmoreland		.14	.11		.08	1.11					.65					.22	.03		.57	.11											3.02
Newell[1]	Fayette			.30			.23	T.				.23	.45	.06				.55		.15	.40											2.37
Pittsburgh Arpt ‡[1]	Allegheny		.35	.19		.21	1.01	.02				.65		.01			.21	.03		.54	.02		T.				.02	T.				3.26
Somerset	Somerset			.08	T.		1.03	.04	T.			.27	.23	.32				.11		.06	.27	T.						.22				2.63
Springs	Somerset			.11	T.		.50	T.	T.			.37	T.	.58				.03		.15	.28	T.	T.				.02	.23				2.27
Uniontown	Fayette		T.	.27			.56	.03				.25	.13	.21				.28		.21	.34		T.				T.	.18				2.46
Waynesburg	Greene		T.	.32			.98					.45	.13					.39		.41	.28							.08				3.04
BEAVER																																	
Beaver Falls[2]	Beaver	T		.20	T.		.25	.79	T.	T.		.11	.82				.04	.16			.76		T.									3.13
Butler	Butler			.17			.71	.05				.18	.78					.08		.08	.65		T.									2.70
Greenville	Mercer		.06	.11			.60					.41	.24				.72	.20		.44	.01									.02	.10	2.91
Mercer[5]	Mercer	T.	.07	T.		.01	.52	.02			.08	.42				T.	.94			.56	T.		T.		T.	T.	T.	T.			.05	2.67
New Castle	Lawrence		.02	.26	T.		.63	.10	T.	T		.16	.70				.37	.29		.21	.56										T.	3.30
Penn Line[2]	Crawford	T.	T.	.12	T.		.14	.47	.02			.23	.31				.39	.48			.53										.10	2.74
Pymatuning Dam[2]	Crawford		T.	.09			.08	.47				.25	.35				.35	.37		T.	.40										.05	2.41
Sharon[2]	Mercer			.15			.20	.43				.20	.39				.46	.41			.50										T.		2.74
OHIO																																	
Claysville[2]	Washington			.28			.39	.78				T.	.69		.03		.04	.11			.84							.03					3.19
Coraopolis[2]	Allegheny			.15	T.		.34	.75	T			.06	.71				.13	.09		T.	1.05											3.28
Midland[2]	Beaver			.06	T.		.23	.57	T.			.28	.77				.12	.25			.95											3.23
Mt. Lebanon	Allegheny		.12	.12			.90	T.	T			.78		T			.12			.72			T.				T.					2.76
Washington[‡]	Washington		.21	.05		.05	1.06					.60	.03	.02			.14	.02		.80												2.98
LAKE DRAINAGE																																	
Erie[‡1]	Erie		.14	.07		T.	.33	.15			.14	.37	.12				.85			.16				T.		.02				.16		2.51
Raymond[‡]	Potter		.19	.14			.26					.64	.08			.02	.43	.09		.40											.32		2.57

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum* velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.79	8	29.27	6	10.1	29	w.	6	77		72	10	931
Harrisburg	30.94	9	29.46	6	9.3	38	sw.	16	72	53	57	58	754
Philadelphia	30.96	9	29.35	6	10.3	31	s.	6	73	52	62	55	699
Philip burg	30.84	9	29.44	6	12.7	36	w.	6	78	54	64		1018
Pittsburgh	30.74	8	29.34	6	13.1	35	w.	6	70	49	56	57	847
Reading	30.99	9	29.42	6	13.5	43	e.	31	71	52	47‡	60	743
Scranton	30.93	9	29.41	6	8.1	21	sw.	18	73	57†		53	888

* For any five-minute period. ** Corrected to true velocities.
† Local noon ‡ 4:00 p. m. ‖ 3:00 p. m. § One-minute interval

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	5.2	10.0	18	3.3	10	18
Easton	Delaware	6.7	14.2	18	3.7	5	22
Lehighton	Lehigh	4.4	5.6	18	3.6	9	9
Reading	Schuylkill	5.5	7.6	18	4.3	4	13
Wilkes-Barre	N. Br. Susquehanna	10.2	19.4	18	5.9	11	22
Williamsport	W. Br. Susquehanna	5.9	11.2	18	2.4	10	20
Newport	Juniata	5.9	9.4	13	4.4	10	22
Harrisburg	Susquehanna	6.3	10.4	19	4.3	10	17
Schenley, (nr) Lock No. 5	Allegheny	16.5	22.0	17	13.2	10	24
Sutersville	Youghiogheny	5.6	8.1	13	4.4	30	20
Charleroi (nr.), Lock No. 4	Monongahela	15.8	20.8	21	12.6	5	30
Pittsburgh	Ohio	*	18.2	18	*	.....	5
Midland, Dam No. 7	Ohio	*	23.7	18	*	.....	30

* Pool stage. † On other days also.

Daily Temperatures for March, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	39	32	23	27	45	38	30	26	32	48	51	51	46	55	61	60	53	65	42	58	39	43	44	55	66	70	58	49	47	50	77	47.7
	Minimum	28	23	19	5	6	19	23	15	12	12	30	43	32	23	25	32	44	30	30	36	30	29	26	27	31	36	40	30	24	25	36	26.5
Altoona(near)	Maximum	43	36	21	28	36	33	36	23	28	46	46	47	41	55	63	72	72	62	59	56	47	41	46	55	59	65	57	47	48	73	77	49.0
	Minimum	13	12	11	− 2	16	25	12	5	− 4	22	37	32	30	26	32	47	37	31	41	38	24	25	16	32	42	35	46	22	16	28	56	25.9
Arendtsville	Maximum	46	40	24	31	49	42	32	28	35	47	45	55	50	56	62	69	67	67	65	57	48	42	47	56	65	69	66	52	52	75	82	52.3
	Minimum	19	24	16	4	27	28	22	11	3	27	35	42	32	24	30	48	46	29	43	43	28	29	23	29	45	34	47	30	22	26	55	29.7
Bedford	Maximum	44	41	25	31	41	40	35	25	32	50	52	49	48	55	64	75	74	52	65	60	46	39	43	56	60	62	59	46	52	73	78	50.7
	Minimum	18	18	14	3	19	29	13	10	− 2	18	39	37	36	22	28	53	40	33	38	30	27	28	22	30	45	38	46	26	19	29	60	27.9
Bethlehem[3]	Maximum	40	30	24	25	44	34	34	25	31	50	52	50	47	54	60	57	53	64	48	56	37	42	43	54	66	69	57	47	47	49	74	47.2
	Minimum	28	22	0	6	19	23	22	16	12	26	41	37	31	29	36	45	37	32	36	34	29	28	25	33	46	42	43	28	25	35	38	29.2
Blue Mt. Interchange[3]	Maximum	40	33	26	28	48	38	36	24	42	64	54	66	52	64	76	70	60	64	66	56	37	43	44	58	62	68	63	54	46	72	82	52.8
	Minimum	21	22	16	5	16	28	20	10	4	22	34	24	30	22	32	50	32	30	44	37	28	28	24	38	44	34	48	32	16	28	46	27.9
Bradford	Maximum	33	33	16	25	31	33	36	17	26	53	48	42	47	52	63	65	64	52	51	57	33	34	39	50	58	62	61	41	42	66	77	45.4
	Minimum	− 6	− 8	5	− 13	18	21	8	0	−15	25	35	25	25	20	27	48	32	37	29	30	19	18	9	26	35	30	31	20	10	28	51	20.0
Breezewood Intchg[3]	Maximum	38	32	20	30	44	34	34	22	34	48	54	50	46	54	64	74	64	66	60	58	34	38	44	56	60	68	54	44	48	74	78	49.2
	Minimum	16	16	4	2	18	28	14	4	0	22	42	32	26	18	40	54	38	34	46	30	24	28	16	28	42	32	36	24	16	26	54	26.1
Brookville[5]	Maximum	38	19	17	22	33	37	19	20	30	53	45	45	47	54	64	72	48	54	56	56	31	35	41	53	56	64	52	39	45	71	76	45.0
	Minimum	10	10	− 5	− 2	22	17	7	− 1	− 2	28	37	28	25	22	33	42	32	35	32	42	26	23	21	16	23	30	27	25	19	12	30	47	21.6
Burnt Cabins(near)[3]	Maximum	40	29	24	30	45	35	34	26	32	52	50	50	43	55	64	70	62	66	52	52	35	40	45	58	62	70	58	43	50	74	81	49.1
	Minimum	17	17	6	2	15	28	10	4	5	22	38	30	22	18	31	52	30	29	44	34	24	26	18	26	40	28	38	26	14	24	51	24.6
Butler	Maximum	43	36	18	20	30	42	36	19	33	60	55	38	48	52	61	65	73	58	58	53	43	39	42	57	56	64	62	53	50	74	75	48.8
	Minimum	13	12	10	− 1	18	28	4	5	5	30	34	30	23	30	23	30	34	35	42	32	24	24	19	23	45	28	38	20	14	28	40	23.9
Carlisle	Maximum	45	40	27	31	50	45	34	30	35	46	47	54	48	58	62	70	68	67	63	57	45	45	48	57	69	73	65	53	50	67	84	52.6
	Minimum	23	22	17	6	15	28	20	12	3	26	35	40	32	28	32	51	44	28	40	40	28	28	23	28	43	33	51	28	21	25	36	28.4
Chambersburg	Maximum	43	35	28	32	50	39	38	30	35	51	46	54	45	57	65	71	65	66	57	57	46	45	49	59	69	70	58	49	52	77	82	52.3
	Minimum	23	23	17	7	20	30	21	11	5	18	34	41	32	29	30	54	45	34	43	41	29	29	24	32	43	43	48	31	21	27	55	30.3
Claysville[2]	Maximum	46	22	16	31	48	44	22	23	47	63	47	45	53	59	68	75	51	59	58	44	34	38	44	56	59	63	48	40	48	72	75	48.3
	Minimum	12	13	10	− 7	− 2	27	17	5	6	14	38	30	28	22	24	45	35	34	37	36	24	24	17	14	31	32	35	21	15	15	40	22.3
Coatesville	Maximum	42	33	29	27	45	38	38	26	36	53	59	52	41	54	62	67	63	63	51	64	46	43	43	56	65	73	61	47	46	56	80	50.3
	Minimum	29	25	14	5	18	28	24	15	11	23	39	39	32	29	31	48	40	31	41	40	30	27	25	26	40	40	47	30	24	29	42	29.8
Coudersport	Maximum	37	35	20	25	37	32	35	22	27	49	44	50	50	57	65	67	60	55	51	53	35	37	44	51	64	62	58	42	47	65	77	46.9
	Minimum	0	0	7	−10	−20	18	10	− 7	−12	22	36	31	24	20	33	45	34	33	33	29	21	23	15	20	36	29	35	21	10	30	48	21.1
Curwensville[5]	Maximum	38	17	14	22	31	33	18	16	24	42	44	44	41	50	61	64	52	55	53	54	31	31	40	52	55	60	48	35	44	69	74	42.3
	Minimum	5	4	5	− 6	22	18	− 3	0	2	23	38	30	28	25	37	48	33	32	39	28	15	19	16	12	26	39	36	24	18	13	30	21.8
Derry	Maximum	47	47	21	28	38	43	44	35	39	62	53	55	49	61	69	77	74	62	62	61	43	39	44	56	60	65	56	44	48	72	77	52.6
	Minimum	16	15	11	0	20	29	16	10	8	32	41	32	31	26	47	58	38	37	44	36	20	26	19	27	44	35	43	22	16	31	48	28.5
Donora[3]	Maximum	50	25	21	29	41	47	28	27	47	66	56	45	51	62	70	79	52	62	62	59	37	37	46	59	61	68	51	44	63	75	79	51.6
	Minimum	21	18	14	4	27	21	18	10	18	35	40	35	39	30	41	49	39	40	51	36	29	30	21	32	47	38	36	29	25	34	50	30.9
Eagles Mere[2]	Maximum	29	19	15	19	36	35	23	20	24	43	53	44	42	56	56	65	51	58	47	48	31	35	39	62	63	63	50	36	42	54	76	42.8
	Minimum	11	5	5	−11	−11	13	11	− 1	− 2	3	24	31	27	26	26	34	48	32	32	37	20	20	15	15	15	36	36	20	13	14	29	18.5
Ebensburg[2]	Maximum	40	17	13	27	27	34	16	15	28	46	46	43	46	53	63	72	46	57	56	46	29	27	38	52	55	62	48	38	46	68	76	42.7
	Minimum	30	8	9	− 4	− 2	21	12	5	2	10	23	30	30	27	32	37	36	32	33	38	22	22	13	14	26	35	35	18	15	16	34	21.3
Emporium[2]	Maximum																											57	38	48	71	78	§
	Minimum																												20	8	9	33	§
Ephrata	Maximum	45	36	29	30	50	40	37	29	37	50	55	55	45	58	62	65	63	66	55	60	50	44	47	57	67	72	64	56	56	54	83	51.8
	Minimum	26	24	18	7	21	28	24	16	14	24	41	42	33	21	37	52	45	30	43	41	29	28	26	26	37	33	48	30	22	28	33	30.0
Erie[3]	Maximum	34	17	14	30	31	40	20	18	34	54	46	42	46	48	66	67	50	45	60	41	34	37	39	54	56	62	46	34	41	67	76	43.3
	Minimum	14	12	3	3	23	16	14	9	9	34	30	26	32	31	40	38	34	32	29	29	27	27	23	37	39	46	29	24	23	40	57	26.8
Franklin[2]	Maximum	38	20	16	30	33	41	21	20	36	55	36	44	51	58	65	71	51	51	58	42	35	36	44	57	58	68	49	39	47	75	77	45.7
	Minimum	13	8	9	− 2	− 1	25	14	7	2	9	33	29	28	24	24	33	34	34	37	35	23	24	20	21	24	33	34	24	16	16	43	21.7
Freeland	Maximum	36	28	17	30	34	34	17	22	38	41	42	42	51	48	53	53	53	53	51	42	31	39	48	60	59	59	48	40	43	66	41	8
	Minimum	15	9	5	5	12	12	13	− 3	2	18	38	31	28	37	33	44	34	34	32	36	21	22	16	17	38	40	36	22	18	15	28	22.8
George School	Maximum	46	43	35	26	48	44	53	42	34	57	59	59	57	57	62	60	64	64	60	65	52	45	46	56	68	72	67	54	47	53	61	53.4
	Minimum	27	25	15	4	17	26	26	14	12	23	25	24	31	22	31	46	42	27	40	38	28	29	25	23	41	41	53	31	24	29	37	28.3
Gettysburg	Maximum	50	39	27	31	50	48	38	28	35	46	50	53	53	56	63	68	67	65	63	59	53	45	46	56	66	70	68	53	49	71	82	53.2
	Minimum	25	25	20	7	22	31	23	12	5	28	36	33	32	20	32	53	46	33	45	43	29	29	24	30	46	34	50	30	23	28	44	30.3
Gordon	Maximum	42	32	23	28	41	37	33	24	31	41	49	48	46	54	59	59	62	63	59	62	46	40	42	53	65	67	65	49	45	53	79	48.0
	Minimum	20	15	12	− 4	9	23	18	10	3	25	39	38	28	21	34	48	40	26	40	38	28	27	22	19	38	28	42	27	15	24	32	25.3
Greensburg	Maximum	55	43	20	26	37	40	44	22	42	64	57	53	50	60	69	77	72	63	61	58	43	38	44	56	60	64	53	48	48	73	77	52.2
	Minimum	16	15	10	− 3	22	27	15	8	12	32	39	31	33	28	41	52	42	35	45	35	26	25	20	28	45	37	46	24	19	32	48	28.6
Hanover[2]	Maximum	41	31	25	30	51	37	32	29	36	52	54	53	37	56	65	69	48	65	57	61	53	43	46	56	67	72	61	54	48	70	82	51.0
	Minimum	20	25	21	5	6	27	23	13	12	14	26	43	33	26	26	38	47	36	38	44	29	28	24	26	34	41	44	30	23	25	36	27.8
Harrisburg[3]	Maximum	42	32	27	31	48	37	39	25	34	50	50	53	40	59	64	70	66	64	50	57	36	42	46	57	66	70	60	44	50	73	85	50.4
	Minimum	26	22	11	8	25	28	21	13	12	27	40	37	33	29	39	55	41	35	42	36	31	29	26	34	48	39	42	31	25	33	39	30.9
Hawley	Maximum	38	32	22	24	39	33	35	23	27	45	51	47	40	51	57	52	44	61	55	60	45	41	40	53	58	67	62	45	44	41	72	45.3
	Minimum	19	13	9	− 2	17	18	19	− 1	−13	20	35	36	24	18	23	33	38	27	31	35	27	27	20	18	37	25	40	24	14	28	34	22.4
Holtwood[3]	Maximum	43	33	30	30	48	39	39	27	34	48	48	49	37	56	60	63	55	62	50	61	45	41	45	55	63	69	58	47	45	57	79	48.9
	Minimum	30	28	17	10	25	31	24	18	17	25	38	36	31	28	34	47	39	36	45	44	32	30	30	32	39	38	47	35	27	34	48	31.9
Huntingdon[2]	Maximum	43	25	24	31	41	39	27	26	33	50	48	51	42	59	66	73	53	66	53	51	36	42	47	58	65	70	57	46	51	76	82	49.4
	Minimum	18	17	16	5	7	14	20	9	− 7	− 7	26	38	29	24	24	29	43	27	28	43	29	29	22	22	32	28	30	28	17	17	24	22.0
Indiana	Maximum	44	44	20	24	33	36	41	21	34	57	53	52	48	58	67	76	73	58	58	59	44	36	41	55	57	63	59	48	46	71	75	50 0
	Minimum	13	11	8	− 5	16	26	13	5	9	28	37	29	32	25	38	51	35	32	44	38	24	23	17	24	43	36	42	22	18	28	44	25.9
Irwin	Maximum	48	46	23	26	35	40	40	24	44	63	62	45	48	54	68	74	74	61	60	59	44	36	44	54	58	58	56	48	47	73	77	51.3
	Minimum	14	12	9	− 6	18	22	14	6	8	30	36	29	29	24	38	24	35	33	43	32	32	23	18	26	34	32	42	25	15	28	44	24 8
Johnstown	Maximum	47	41	20	29	35	34	32	20	33	53	49	46	46	57	67	74	69	66	55	58	41	35	45	57	64	53	46	48	51	71	76	49.0
	Minimum	40	13	10	0	17	28	18	6	− 2	21	42	30	31	25	33	51	36	33	42	34	25	25	18	34	32	45	23	18	20	29	55	26.8
Kane[5]	Maximum	32	15	15	21	31	34	17	18	27	50	43	42	48	53	63	68	48	53	55	54	35	33	40	51	59	61	50	35	44	68	75	43.2
	Minimum	− 4	− 6	−18	−11	19	11	− 3	− 5	− 4	23	31	23	23	20	38	44	29	32	35	19	14	13	7	20	34	34	20	11	6	32	48	17.4
Lancaster	Maximum	49	40	32	31	50	49	36	33	36	50	56	56	57	60	62	67	66	68	65	63	52	46	48	58	69	72	70	55	51	69	84	54.2
	Minimum	26	22	17	6	21	28	24	15	10	21	30	38	31	21	28	46	32	27	44	41	23	28	25	23	37	30	48	29	21	25	32	27.4
Lawrenceville	Maximum	38	35	21	27	38	32	33	28	27	43	45	43	46	53	64	63	61	60	58	55	44	37	41	56	61	66	63	48	42	18	80	47.0
	Minimum	14	10	9	−13	18	18	13	− 8	−12	26	38	32	26	24	32	46	40	34	30	38	24	26	20	26	33	29	38	25	14	33	42	23.4
Lebanon[2]	Maximum	39	28	21	29	46	37	30	26	34	47	52	53	38	59	61	65	48	65	45	56	38	42	46	56	66	72	60	46	48	52	84	48.0
	Minimum	21	22	20	5	7	23	22	14	12	14	29	42	35	28	24	35	47	31	34	40	28	29	25	28	32	35	38	30	24	26	36	26 8
Lewistown	Maximum	45	43	29	32	43	42	39	28	34	47	47	56	52	62	65	69	71	67	65	54	53	45	50	59	66	70	70	51	48	58	83	53.0
	Minimum	22	20	16	7	18	28	21	13	4	25	38	41	33	27	31	51	44	31	44	45	30	30	24	30	44	35	48	31	22	29	43	29.8
Lock Haven[2]	Maximum	42	25	22	29	40	38	27	27	33	51	46	55	46	60	65	70	52	65	59	50	38	42	48	59	68	70	56	45	52	51	80	48.7
	Minimum	19	10	11	0	1	23	19	5	0	5	27	40	30	25	29	33	42	30	30	40	28	30	22	24	32	34	37	28	18	21	44	23.5
Marcus Hook[3]	Maximum	47	38	31	30	51	55	44	31	40	59	63	61	47	58	65	70	66	63	53	70	49	46	46	60	69	74	67	52	49	61	83	54.8
	Minimum	33	29	16	11	28	30	26	20	19	30	44	44	32	33	37	54	46	38	43	41	31	29	29	36	45	47	49	34	28	36	42	34.2
Martinsburg[5]	Maximum	38	23	16	27	37	35	22	19	27	45	48	45	39	53	62	71	54	62	55	55	33	35	40	54	58	66	52	41	47	71	76	45 4
	Minimum	17	15	1	3	24	22	11	3	0	25	38	33	29	25	39	53	38	35	44	26	25	23	20	30	42	38	30	24	19	27	57	26.3
Mauch Chunk	Maximum	42	34	27	24	41	39	34	28	27	37	45	46	47	52	55	55	53	60	57	56	47	39	40	51	62	67	67	....	49	49	78	46.9*
	Minimum	23	12	14	0	5	22	19	7	− 6	25	32	37	29	21	27	37	42	26	33	37	27	28	23	21	30	28	45	20	....	26	33	24.1*

Continued on page 21.

Daily Temperatures for March, 1943 (Continued from page 20)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Meadville[2]	Maximum	35	20	16	28	31	39	21	21	37	52	34	42	50	55	64	69	50	52	52	38	34	36	44	55	56	63	47	36	46	73	77	44.3
	Minimum	8	3	4	−6	1	23	12	5	0	14	28	25	25	23	24	42	30	30	34	31	18	21	15	19	31	31	31	23	14	16	37	19.7
Mercer[5]	Maximum	36	18	12	24	29	40	19	18	35	53	45	40	50	53	65	70	50	53	58	51	34	37	43	56	57	63	49	38	45	74	76	44.9
	Minimum	11	4	−5	−8	22	14	8	4	8	31	28	25	28	23	37	38	30	42	38	24	19	19	15	24	37	32	23	19	14	34	47	22.1
Middletown[3]	Maximum	38	31	29	28	46	37	38	25	33	47	52	52	39	58	62	70	66	63	49	56	36	43	48	57	65	71	60	49	49	71	82	56.0
	Minimum	24	23	11	8	24	27	18	13	10	26	39	34	28	27	33	51	39	34	41	36	29	28	25	27	41	36	45	28	22	31	35	28.8
Midland	Maximum	44	42	22	30	36	42	45	23	46	60	55	43	53	57	77	75	73	58	56	66	40	37	44	57	60	66	60	47	49	73	76	51.8
	Minimum	17	16	12	1	19	29	17	7	14	31	36	30	33	27	35	50	33	35	46	33	26	27	22	26	45	34	40	26	21	31	48	28.0
Montrose[2]	Maximum	30	17	11	19	32	34	21	12	25	41	47	40	40	47	56	55	48	59	44	52	31	35	35	52	54	64	48	35	38	52	76	40.3
	Minimum	13	7	6	−7	−7	14	14	3	0	0	24	30	25	25	27	35	40	33	30	33	23	23	18	18	23	35	35	21	14	14	30	19.3
Mt. Lebanon	Maximum	16	25	17	25	36	42	28	22	43	62	51	44	51	57	68	75	55	61	57	57	34	38	45	56	60	64	48	41	47	73	77	48.5
	Minimum	15	15	0	−3	21	28	15	5	14	33	35	29	32	29	43	55	35	37	47	30	25	26	17	29	45	42	53	24	21	36	51	27.9
Mt. Pocono[5]	Maximum	32	23	16	19	34	34	31	17	23	45	44	43	36	47	52	49	48	56	40	53	30	33	34	18	54	62	47	37	37	47	70	40.0
	Minimum	17	10	−1	−6	15	16	10	1	−4	19	38	30	26	20	32	41	33	31	32	24	23	19	17	22	38	38	29	19	16	29	34	21.5
New Castle	Maximum	39	39	21	30	34	41	41	23	39	60	60	41	49	56	67	73	73	54	58	58	44	38	45	57	59	61	64	47	46	75	79	50.8
	Minimum	20	13	9	−1	24	27	16	8	11	32	32	28	28	24	35	54	33	33	41	32	23	24	17	26	44	34	38	23	17	30	52	26.7
Orangeville	Maximum	39	31	21	26	40	37	37	26	32	45	52	51	47	54	61	60	64	64	64	52	48	40	44	54	66	70	65	49	50	49	80	49.0
	Minimum	17	14	11	−10	8	22	18	7	0	24	30	32	25	20	27	37	40	25	34	40	27	28	18	19	30	25	41	24	12	26	30	22.6
Palmerton[3]	Maximum	39	30	25	28	45	36	37	27	33	49	50	52	41	57	58	57	52	61	46	56	40	43	46	56	65	66	54	47	50	50	72	47.4
	Minimum	26	20	9	5	17	24	19	10	3	28	43	32	26	26	33	49	37	31	38	40	31	28	26	24	40	33	40	27	31	34	40	28.1
Philadelphia Airport Station[3]	Maximum	46	35	26	28	49	55	37	28	37	59	58	55	42	56	64	68	64	63	49	67	42	43	45	58	67	72	61	48	47	55	79	51.7
	Minimum	29	26	13	7	25	29	24	19	16	26	40	42	29	22	33	49	39	36	40	40	30	28	27	28	41	41	46	32	26	32	42	30.9
City Office[3]	Maximum	46	37	27	27	49	53	41	29	36	59	58	55	44	56	63	67	64	62	49	65	42	44	46	57	66	71	60	49	48	56	75	51.6
	Minimum	34	27	14	9	25	29	24	19	17	29	44	44	34	33	40	49	43	36	41	40	32	30	29	35	43	46	48	34	28	36	42	33.4
Franklin Institute[2]	Maximum	47	34	24	32	49	39	34	28	39	60	60	54	41	58	64	68	65	63	49	65	61	44	46	59	66	73	61	48	47	63	77	52.2
	Minimum	24	30	24	10	26	30	29	19	18	31	46	52	38	33	52	56	52	49	46	41	31	30	28	35	44	46	54	35	33	37	39	36.1
Shawmont	Maximum	53	44	34	28	47	46	52	31	36	58	57	56	51	58	62	66	65	64	63	65	57	44	45	57	65	72	69	50	47	55	76	54.0
	Minimum	27	27	19	8	24	27	27	19	15	27	42	46	33	25	30	52	46	35	42	39	32	29	26	25	39	38	49	38	26	30	39	31.6
Philipsburg[3]	Maximum	35	19	13	22	29	35	20	16	25	42	46	45	40	53	57	64	54	58	48	55	31	34	38	51	56	62	52	38	43	68	74	42.7
	Minimum	10	7	−3	−4	22	20	7	−13	−15	22	37	26	27	18	38	49	35	42	24	22	18	14	25	47	28	25	18	8	24	51	21	21.5
Phoenixville	Maximum	58	48	39	33	53	57	44	38	41	64	68	65	59	62	68	73	74	69	70	70	72	51	50	65	71	77	77	65	54	59	85	60.6
	Minimum	25	24	20	2	20	28	25	11	8	22	41	46	28	18	26	58	46	27	39	40	29	29	25	19	43	32	48	30	23	27	35	28.8
Pittsburgh Arpt Sta.[3]	Maximum	45	20	16	25	34	42	21	22	41	62	51	44	49	57	67	75	51	59	58	57	34	36	43	54	58	63	48	44	47	72	75	47.4
	Minimum	18	14	0	−1	21	21	12	6	13	33	35	29	33	33	43	51	36	37	48	29	26	26	21	30	45	41	29	25	22	36	53	27.9
Pittsburgh City Office[3]	Maximum	46	22	18	27	36	44	23	24	43	63	53	46	52	58	68	75	53	61	60	59	37	38	46	57	60	65	51	42	49	73	78	49.3
	Minimum	22	16	6	4	27	23	15	10	17	36	37	31	36	32	47	50	38	42	49	30	28	28	24	34	48	42	32	27	25	39	57	30.7
Port Clinton	Maximum	45	32	27	24	43	46	32	27	30	40	48	49	48	56	57	57	63	62	61	51	51	46	42	52	63	68	68	54	45	46	80	48.6
	Minimum	30	19	15	2	18	24	22	14	5	26	34	42	30	20	32	43	43	29	40	38	29	29	25	22	37	31	47	29	20	28	33	27.6
Pymatuning Dam[2]	Maximum	36	18	12	27	31	39	20	19	37	54	32	40	48	54	65	67	50	50	57	40	34	37	43	56	55	62	45	37	46	74	78	44.0
	Minimum	10	7	6	−6	0	22	11	3	4	18	28	25	24	22	36	41	29	30	33	28	19	21	14	20	32	35	30	22	14	21	38	20.4
Quakertown	Maximum	44	36	29	25	44	40	36	28	34	53	56	53	48	54	60	59	57	63	57	60	51	42	42	54	64	69	65	47	45	54	74	49.8
	Minimum	26	21	14	1	16	22	21	12	6	22	38	42	30	16	38	43	41	26	35	36	27	26	23	23	38	30	45	27	31	25	42	27.2
Reading[3]	Maximum	42	33	28	28	47	38	37	27	34	53	55	55	40	57	62	67	63	66	53	58	39	44	45	56	66	72	62	49	48	54	82	50.3
	Minimum	30	25	14	7	23	26	23	17	15	26	45	40	33	26	42	50	42	37	41	37	31	29	27	32	46	45	47	30	25	35	40	31.8
Ridgway[2]	Maximum	38	20	19	25	35	37	20	21	31	54	44	48	50	56	66	72	50	57	58	44	36	36	43	54	61	63	54	42	47	71	78	46.1
	Minimum	5	3	3	−11	−11	23	12	−1	−6	1	29	32	24	16	18	32	36	30	32	35	21	20	9	9	20	27	30	17	7	8	34	16.3
Scranton[3]	Maximum	39	30	19	24	37	35	36	20	29	47	53	51	40	51	62	60	60	64	43	56	36	39	40	52	59	66	53	40	42	42	77	45.2
	Minimum	21	15	4	0	20	20	18	10	2	26	44	33	31	28	37	53	41	36	37	31	27	26	23	28	40	34	34	24	20	35	41	27.1
Selingsgrove	Maximum	44	36	25	23	40	43	37	27	32	45	48	51	50	56	60	64	65	67	64	52	50	43	48	58	66	71	68	50	50	58	81	50.7
	Minimum	19	17	12	−1	18	15	19	10	4	27	29	38	30	23	31	47	42	30	40	42	27	29	23	25	44	30	45	16	17	26	32	26.0
Sharon	Maximum	39	39	18	28	32	42	38	19	34	59	58	38	52	58	70	69	54	54	58	58	42	38	46	59	60	66	66	49	49	76	82	50.0
	Minimum	20	12	0	0	25	20	14	6	10	32	32	28	33	28	44	54	32	36	41	34	26	27	22	30	46	40	32	26	20	34	57	27.8
Somerset	Maximum	45	42	23	25	35	36	37	20	32	53	49	48	49	54	65	76	69	59	65	65	40	35	40	52	55	62	52	41	47	69	73	48.8
	Minimum	12	13	8	−2	15	22	13	2	−3	20	41	30	30	20	29	52	34	29	39	34	22	23	16	27	41	24	40	21	16	26	52	24.1
Springs	Maximum	41	37	21	24	32	40	35	18	30	49	47	47	41	48	59	71	60	58	62	58	36	30	37	49	53	59	47	38	45	66	71	45.5
	Minimum	8	13	0	−4	10	26	11	1	−5	12	37	28	30	17	28	40	32	24	39	34	21	21	16	25	38	27	37	21	13	25	49	21.7
State College[3]	Maximum	39	29	19	27	35	36	31	21	30	46	49	49	42	55	61	66	59	61	51	55	34	38	44	54	60	65	55	42	47	71	77	46.7
	Minimum	17	14	3	1	24	25	13	5	3	27	42	36	31	27	42	53	39	37	44	28	26	23	19	34	46	39	37	26	20	34	56	28.1
Stroudsburg	Maximum	47	39	30	25	44	44	37	30	28	45	48	53	53	56	60	61	49	62	64	60	54	44	45	56	65	70	69	53	50	48	74	50.4
	Minimum	25	18	17	0	13	22	21	6	−1	24	32	38	26	20	24	42	40	26	35	37	29	28	22	20	36	28	45	26	17	28	37	25.2
Towanda	Maximum	38	33	20	27	38	33	39	24	30	45	51	48	47	53	63	63	66	63	55	56	41	41	43	55	62	67	63	44	44	48	80	47.7
	Minimum	17	13	7	−11	20	20	16	−1	−7	26	40	34	25	22	34	46	42	31	32	41	27	27	19	22	40	28	38	26	15	32	40	24.5
Uniontown	Maximum	48	45	23	27	39	46	46	26	44	66	60	55	50	62	71	78	74	65	67	67	42	40	46	58	61	65	56	45	50	74	78	54.0
	Minimum	18	18	12	0	24	32	17	9	15	38	33	33	35	27	37	61	39	36	51	38	28	28	21	39	44	33	43	25	21	30	52	29.9
Vandergrift[3]	Maximum	47	27	22	29	38	44	33	24	41	64	58	51	78	62	70	78	59	61	66	59	37	41	47	59	62	66	53	45	50	74	79	52.2
	Minimum	17	14	7	0	18	28	18	10	10	28	38	33	33	32	33	53	38	39	46	32	27	27	22	29	44	45	34	26	19	32	44	28.3
Warren	Maximum	35	22	20	25	35	37	38	22	30	55	47	44	52	55	65	70	58	54	55	57	34	38	44	55	60	63	56	39	47	72	78	47.2
	Minimum	3	−1	0	−8	21	23	11	3	−5	29	31	27	24	20	36	51	31	38	31	27	19	19	13	21	38	30	29	20	10	29	50	21.6
Waynesburg	Maximum	49	46	30	29	38	44	43	26	50	65	62	54	54	63	69	77	73	63	64	60	45	40	45	57	60	65	54	45	52	73	77	53.6
	Minimum	13	16	9	−4	23	29	14	6	9	32	39	30	33	24	42	59	37	35	46	32	26	26	19	25	41	31	40	23	17	28	53	27.5
Wellsboro[2]	Maximum	38	21	17	25	38	36	24	23	28	44	45	46	47	54	61	61	49	59	55	53	34	37	41	54	60	65	54	36	45	58	78	44.7
	Minimum	12	7	7	−13	−13	17	13	−5	−11	−8	25	32	22	20	19	36	43	33	30	30	22	22	18	18	28	28	28	22	11	11	36	17.4
West Chester	Maximum	44	39	31	28	47	42	42	27	36	57	60	55	49	56	63	66	65	64	59	64	50	44	45	57	66	72	64	50	47	55	81	52.4
	Minimum	29	26	18	5	20	28	25	16	13	25	39	46	31	24	34	50	40	32	43	39	29	27	25	28	41	39	49	30	24	31	44	30.6
Wilkes-Barre[5]	Maximum	38	28	19	24	40	37	36	24	29	47	53	51	40	52	59	59	60	63	44	55	38	40	42	52	64	67	52	43	45	44	78	45.9
	Minimum	23	17	4	−1	12	22	14	8	4	27	40	30	26	24	34	44	31	30	38	32	29	25	24	26	36	32	32	24	20	35	40	25.2
Williamsport	Maximum	39	35	25	31	40	39	36	28	32	43	48	53	50	58	60	65	65	66	61	52	50	42	52	60	68	70	66	52	50	48	81	50.5
	Minimum	21	15	13	1	15	24	18	8	2	28	39	39	30	27	37	51	42	29	40	42	28	30	23	28	42	33	42	28	18	34	32	27.7
Woodward[5]	Maximum	32	22	14	22	33	29	19	18	23	40	45	46	36	51	57	59	53	59	50	50	28	33	39	51	60	63	50	36	42	64	76	41.9
	Minimum	12	8	−4	−5	18	19	6	1	5	22	40	31	28	30	37	48	35	35	40	22	21	18	15	27	41	40	26	18	16	32	53	23.7
York	Maximum	50	45	30	32	51	50	38	30	37	56	56	55	54	58	65	69	69	65	64	60	53	43	47	57	66	71	68	54	49	71	81	54.6
	Minimum	25	24	18	7	24	31	24	14	9	23	44	44	32	20	33	53	43	29	46	43	29	29	25	25	36	42	48	31	22	28	40	30.4

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. APRIL, 1943. No. 4.

GENERAL SUMMARY.

April was wet and unusually cold, offering an unpleasant contrast to the weather usually associated with the month. The average temperature was the lowest obtained for the State in the period of record for April. There is now an accumulated average daily deficiency for the year of 1.2° and daily temperatures have averaged 2.0° lower than they did in a comparable period in 1942. All stations contributed to the deficiency and all experienced sub-freezing temperatures. Extreme maxima, occurring about the 25th, were below those reported in March at all but eight stations, most of which were in the extreme east portion. Only three times, in the period of record, has the extreme maximum in April been lower. Minima occurred, generally, in the first half of the month and the extreme minimum was the lowest since 1924.

Precipitation was frequent, and for the first time this year, the State average was above normal, reducing the accumulated deficiency for the year to 1.82 inches This deficiency is only 0.01 inch greater than that accumulated during the first four months of 1942. Precipitation was above normal at most stations, the exceptions being the east and south portions. Greatest amounts fell during the period 18th-21st, most stations recording their greatest 24-hour rainfall measurements during that interval. In the Bradford area, heavy precipitation on the 27th caused streams to rise rapidly, flooding low-lying areas. Streams were flooded when sewers, blocked by debris, were unable to carry away the excess water. Damage to property and gardens resulted.

Light sleet and some glaze were reported, generally, in the early part of the month. Light hail fell in thunderstorms which were reported on a number of days. Most general were those about the 20th. Snow was frequent in the first part of the month, and excepting 1942, the average was higher than in any April since 1928. It offered no protection, melting as it fell or shortly thereafter.

Another unusual feature of the month was the frequency of high winds, which in contrast to normal years, were more general than they were in March. They caused minor damage to property.

Farm activity was approximately ten days behind the stage usually reached by the end of April. The unusually low temperatures and wet ground kept outdoor work to a minimum and retarded the growth of vegetation. Undetermined damage to winter crops and fruits had resulted from the recurrent freezing temperatures.

G. W. S.

TEMPERATURE.

The mean temperature for the State, as determined from the reports of 76 stations, was 43.1°, which is 5.5° below the 56-year normal for April. The highest monthly mean was 51.2° at Phoenixville, Chester County, and the lowest was 35.2° at Kane, McKean County. Extremes ranged from a maximum of 83° at Lancaster, Lancaster County, on the 1st and Phoenixville, Chester County, on the 26th, to a minimum of 7° at Kane on the 7th and Bradford, McKean County, on the 16th.

PRECIPITATION.

The average precipitation for the State, as determined from the observations at 193 stations, was 3.97 inches, which is 0.55 inch above the 56-year normal for April. The greatest monthly amount was 7.00 inches at Philipsburg, Centre County, and the least was 2.05 inches at Philadelphia City Office, Philadelphia County. The greatest amount for any observational day was 2.53 inches at Driftwood, Cameron County, on the 20th-21st.

The average snowfall for the State was 3.7 inches, which is 1.5 inches above the 56-year normal. The greatest monthly snowfall was 23.8 inches at Tamarack, Clinton County. The greatest fall for any observational day was 8.3 inches at Shaffer's Path, Lycoming County, on the 17th.

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		No of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	47.2	92	12	2.52	1.3	8	14	10	6
1889	49.7	88	14	4.50	0.9	11	11	8	11
1890	48.6	85	12	3.46	0.4	10	14	8	8
1891	49.8	87	11	2.08	1.2	8	13	9	8
1892	46.9	85	14	2.04	1.1	10	10	10	10
1893	47.7	85	16	4.74	0.6	14	7	10	13
1894	48.0	83	5	3.62	14.7	11	11	8	11
1895	49.2	90	5	3.76	0.2	10	10	8	12
1896	53.0	97	4	1.75	0.9	8	10	10	10
1897	49.0	92	12	3.30	0.3	10	12	9	9
1898	45.6	84	4	2.93	2.5	12	9	8	13
1899	50.2	92	2	1.76	0.5	6	15	9	6
1900	49.2	90	13	1.57	0.9	8	14	8	8
1901	47.2	95	10	5.41	4.9	11	9	5	16
1902	48.0	91	20	3.56	3.0	9	8	10	12
1903	48.8	90	12	3.53	T	10	11	7	12
1904	44.7	86	9	3.45	1.0	13	8	8	14
1905	48.4	84	16	2.84	2.8	12	9	11	10
1906	50.0	89	12	3.13	0.6	9	14	8	8
1907	43.6	84	8	2.64	4.0	11	10	7	13
1908	49.8	89	0	3.51	1.0	12	12	8	10
1909	48.5	87	8	5.39	2.6	13	10	9	11
1910	52.6	89	13	5.07	0.6	13	10	9	11
1911	46.2	84	6	3.79	4.4	13	11	7	12
1912	50.2	83	18	4.39	1.6	15	10	7	13
1913	50.6	90	17	3.82	0.2	11	12	6	12
1914	47.3	93	5	4.66	1.1	14	10	8	12
1915	53.9	98	15	1.92	1.6	8	13	10	7
	48.0	87	16	3.65	5.6	14	9	9	12
1916	48.5	87	14	2.08	2.6	9	11	10	9
1917	48.2	81	12	4.53	10.8	14	10	9	11
1918	48.5	90	6	2.70	1.2	11	10	10	10
1919	46.0	87	8	4.39	3.0	16	9	9	12
1920	55.3	96	10	3.11	0.8	11	13	7	10
1921	50.1	91	11	3.17	0.4	12	12	9	9
1922	48.3	89	−5	2.94	1.9	9	14	8	8
1923	46.5	82	6	4.15	7.4	12	13	7	10
1924	51.3	96	9	2.32	0.5	10	15	7	8
1925	44.9	84	9	2.03	0.9	9	12	9	9
1926	47.7	92	17	3.52	1.0	13	12	7	11
1927	46.0	88	11	5.50	6.5	13	12	8	10
1928	51.4	94	19	6.12	1.1	15	9	8	13
1929	48.2	92	9	2.71	1.1	10	11	8	11
1930	48.4	85	16	3.33	2.3	10	14	6	10
1931	47.0	86	14	1.71	1.2	8	14	6	10
1932	50.9	89	15	4.49	0.5	13	12	8	10
1933	48.9	86	14	3.06	0.6	11	13	8	9
1934	47.1	91	12	2.56	2.9	11	11	7	12
1935	46.1	90	14	3.01	1.3	14	8	8	14
1936	47.7	89	19	5.53	0.2	14	9	8	13
1937	51.3	92	11	2.85	3.5	10	13	7	10
1938	46.7	90	9	3.70	1.0	15	7	9	14
1939	45.1	82	9	5.30	2.3	12	9	7	14
1940	55.1	94	18	2.01	T.	6	17	7	6
1941	52.8	94	14	2.21	4.5	7	13	8	9
1942	22.8	95	14	2.21	4.5	7	13	8	9
1943	43.1	83	7	3.97	3.7	14	9	9	12
Period	48.6	98	−5	3.42	2.2	11	11	8	11

Climatological Data for April, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	43.6	−5.1	75	25	20	15	3.29	−0.42	1.06	19-20	T.	13	18	6	6	ne.	Allent'n-Bethlehem Gas Co.
Altoona-5 mi. W.	Blair	1,615	56	42.4	−5.3	74	25	16	16	5.05	+1.53	1.25	20-21	4.2	16	11	12	7	w.	City of Altoona.
Bedford	Bedford	1,120	11	46.2	−3.8	77	1†	19	4	4.95	+1.51	1.30	18-19	T.	12	13	2	15	nw.	Charles C. Lee.
Bethlehem	Northampton	364	57	45.5	−5.7	77	25	24	6†	3.35	−0.15	0.84	19	T.	15	13	7	10	nw.	Lehigh University.
Burnt Cabins-2 mi. E.	Huntingdon	990	2	42.6	.....	80	25	14	7	3.59	.....	1.33	19	T.	13	13	4	13	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	74	46.4	−5.6	80	25	20	16	4.25	+0.89	1.70	18-19	T.	14	16	4	10	nw.	Clarence E. Miller.
Chambersburg	Franklin	600	46	47.4	−2.8	81	25	24	4†	3.13	−0.11	1.10	19	0.3	12	11	8	11	sw.	William B Spear.
Coatesville	Chester	431	56	46.7	−3.6	78	25	24	7	3.44	−0.32	2.05	18-19	T.	8	6	9	15	nw.	Howard L. Pyle.
Curwensville-6 mi. NW	Clearfield	2,215	1	36.8	.....	70	25	10	7	6.53	.....	1.49	18-19	.....	18	.....	.....	.....	.....	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	2	36.2	.....	75	25	11	7†	4.97	.....	1.14	16-17	15.5	14	6	11	13	ne.	Carl E. Bigger.
Emporium	Cameron	1,033	57	39.6	−7.0	73	25	8	7	5.43	+1.74	1.29	20-21	8.7	13	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	46	46.9	−3.6	78	25	22	16	2.29	−0.91	0.90	18-19	T.	12	9	8	13	ne.	Ira J. Keath.
Freeland	Luzerne	1,970	50	39.0	−5.2	70	25	12	6†	2.27	−2.31	0.68	19-20	§	14	6	0	24	w.	Andrew B. Evansha.
George School	Bucks	184	37	46.8	−3.6	77	25	21	7	2.50	−1.13	1.08*	19-20	T.	16	10	10	10	n.	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	48.6	−2.4	80	1†	24	7†	2.58	−1.05	1.33	18-19	T.	10	16	3	6	w.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	41.6	−6.0	76	1	15	16	3.58	−0.62	0.97	18-19	5.6	15	11	6	13	ne.	Miss Sallie M. Johnson.
Hanover	York	600	39	47.2	−5.1	79	25	24	7	3.20	−0.13	1.24	19	0.2	11	14	6	10	s.	Evening Sun.
Harrisburg Airport	York	351	74	46.0	−4.9	79	25	25	16	3.28	+0.59	1.66	19-20	0.6	13	3	14	13	nw.	U. S. Weather Bureau
Hawley	Wayne	900	25	40.4	−4.8	74	25	14	16	2.78	−0.44	0.76	19-20	9.1	15	11	12	7	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	28	47.1	−4.0	77	25	29	7†	2.67	−0.17	1.01	19-20	T.	12	11	9	10	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	56	42.2	−7.2	78	25	18	16	4.05	+0.56	0.78	18-19	2.2	15	7	11	12	w.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	47.8	−1.7	83	1	19	7	2.91	−0.35	1.20	18-19	T.	12	14	8	8	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	40.8	−5.1	78	1	14	7	3.87	+0.89	1.05	18-19	3.0	11	3	13	14	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	44.3	−5.9	79	25	22	7	2.97	−0.52	1.06	19-20	0.5	11	15	6	9	sw.	Lebanon Valley Gas Co.
Lewistown	Mifflin	467	5	47.0	.....	77	26	24	5†	4.71	.....	1.01	19-20	.....	13	10	6	14	.....	Penna. Edison Co.
Lock Haven	Clinton	557	53	47.2	−3.1	75	24	17	7	4.80	+1.22	1.10	16	11.0	14	9	11	10	e.	William R. Kelley.
Marcus Hook	Delaware	12	17	49.3	−5.6	78	25	26	7	2.96	−0.44	1.57	19-20	T.	10	20	4	6	sw.	Sun Oil Co.
Martinsburg	Blair	1,493	1	41.6	.....	74	25	20	6†	4.37	.....	1.37	18-19	.....	16	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose	Susquehanna	1,176	38	36.0	−7.8	67	24	10	7	3.82	+0.60	0.87	20	12.4	17	9	4	17	nw.	Harry S. Fancher.
Mt. Pocono	Monroe	1,914	2	36.4	.....	70	25	12	16	3.12	.....	1.05	19-20	7.2	19	5	9	16	nw.	U. S. Weather Bureau.
Orangeville††	Columbia	610	5	41.0	.....	75	25	14	7†	2.97	.....	0.65	13	4.5	11	8	11	11	w.	Benjamin F. Conner.
Palmerton	Carbon	455	25	42.4	−4.7	70	25	19	16	2.18	−1.06	0.59	19	0.2	12	7	10	13	w.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	2	46.8	−3.8	77	25	25	7	2.61	−0.44	1.45	19-20	T	13	4	13	13	nw.	U. S. Weather Bureau.
Philipsburg	Centre	1,916	1	37.1	.....	71	25	11	7	7.00	.	1.51	16	20.8	15	4	9	17	nw.	U. S. Weather Bureau.
Phoenixville	Chester	100	33	51.2	−0.7	83	26	20	16	3.52	0.00	1.52	19-20	0.7	12	11	9	10	w.	Phila.-Suburban Water Co.
Port Clinton	Schuylkill	407	5	44.8	−4.9	80	1	18	7†	3.16‖	−0.98	0.90	18-19	0.5	14	18	6	6	n.	Earl E. Rarick.
Quakertown	Bucks	480	58	44.3	−4.3	75	25	16	16	2.96	−1.10	0.95	19	T.	13	9	13	8	nw.	John E. Benner.
Reading	Berks	273	73	46.4	−4.3	78	25	25	7	2.90	−0.37	1.23	19-20	1.2	13	7	6	17	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	49	41.5	−6.6	71	25	18	6	2.15	−0.62	0.56	18-19	3.9	15	3	13	14	nw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	53	48.2	−6.2	81	1	10	16	4.83	+1.16	1.83	18-19	0.5	17	10	12	8	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	41.9	−5.8	73	25	19	6	4.43	+0.83	1.24	20-21	6.7	12	7	12	11	nw.	Penna. State College.
Stroudsburg	Monroe	440	29	44.8	−3.2	77	25	17	7†	2.89	−0.68	0.76	19-20	0.3	15	8	6	16	w.	Metropolitan Edison Co.
Towanda	Bradford	754	49	41.4	−4.9	73	1	17	6†	3.15	+0.06	0.81	18-19	5.6	19	7	9	14	e.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,819	73	37.2	−7.3	68	23†	10	7	4.00	+0.94	1.16	20-21	6.0	13	5	10	15	s.	M. S. Bliss.
West Chester	Chester	410	94	47.2	−2.7	77	25	22	7	3.50	−0.24	2.04	18-19	T.	13	10	9	11	nw.	Clyde T. Saylor.
Wilkes-Barre	Luzerne	544	5	41.5	.....	73	25	20	6	2.53‖	−0.40	0.54	13-14	0.5	13	2	4	24	s.	U. S. Communication Sta.
Williamsport	Lycoming	550	57	44.1	−4.8	79	1	17	7	4.56	+0.92	1.24	19-20	6.1	15	9	15	6	w.	John D. McEwen.
Woodward-4mi. NE.	Centre	2,208	2	37.2	.....	68	25	14	6	4.56	.....	1.31	18-19	.....	12	.....	.....	.....	.....	U. S. Weather Bureau.
York	York	400	55	48.0	−2.9	80	1	22	7	2.87	−0.32	1.29	18-19	0.0	13	14	6	10	nw.	York Water Co.
Division mean				43.6	−5.0	83	1†	8	7	3.62	+0.20	2.53	20-21	3.1	14	10	8	12	nw	
Ohio Drainage																				
Bradford	McKean	1,680	2	38.7	.....	75	1	7	16	6.20	+2.40	1.44	27-28	6.6	17	7	9	14	w.	City Water Dept.
Brookville	Jefferson	1,400	53	38.7	−6.0	72	27	14	7	4.95	+2.05	1.36	18-19	.....	17	.....	.....	.....	.....	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	43.2	−4.6	78	1	9	6	4.54	+1.17	0.92	16	10.0	16	7	16	7	w.	Butler Eagle.
Claysville	Washington	1,170	38	42.6	−7.9	74	27	15	4	4.02	+0.63	0.89	19-20	0.2	13	9	8	13	nw.	Walter B. Paget.
Coudersport	Potter	1,653	16	39.2	−4.6	76	24	9	7	6.74	+2.44	1.39	27	10.4	21	10	4	16	nw.	Philip R. Shaw.
Derry	Westmoreland	1,150	46	45.2	−4.3	75	25†	18	7†	3.94	+0.21	0.93	18-19	4.5	14	10	12	8	sw.	Miss N. Dixie Wineman.
Donora	Washington	761	17	46.9	−4.5	76	25†	23	4	3.44	+0.29	0.90	19	0.1	15	6	12	12	w.	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	38.4	−6.8	70	27†	14	4†	4.57	+1.37	1.05	16-17	7.5	14	7	12	11	w.	Miss. Emma H. Eastman.
Franklin	Venango	987	69	40.4	−5.5	73	27	17	7	3.93	+0.43	1.15	19	9.5	14	9	6	15	n.	William K. Fuller.
Greensburg	Westmoreland	1,160	34	45.9	−4.5	75	1†	20	4†	4.14	+0.74	1.39	18-19	2.8	16	8	10	12	w.	Westmoreland Water Co.
Indiana	Indiana	1,300	42	43.4	−5.8	75	1	16	15	4.44	+0.56	1.26	18-19	6.8	16	9	9	12	w.	Indiana State Teachers Col.
Johnstown	Cambria	1,650	61	43.2	−6.5	78	25	19	6	5.28	+1.33	1.22	16-17	7.2	20	10	10	10	nw.	Robert Tross.
Kane	McKean	1,938	10	35.2	−8.1	67	24†	7	7	4.95	+0.76	1.12	19	5.4	18	5	10	15	w.	U. S. Weather Bureau.
Meadville	Crawford	1,065	49	39.2	−6.3	72	27	16	7	3.53	0.00	1.22	19	7.4	18	10	2	18	nw.	City of Meadville.
Midland	Beaver	780	6	46.6	.....	76	27†	21	15	3.51	.....	0.87	19-20	3.5	15	12	5	13	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	44.9	−3.6	79	1	18	7	3.69	+0.27	0.74	12	5.9	13	6	14	10	n.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	44.2	−4.5	74	27	20	15	2.38	−0.54	0.81	18-19	2.3	13	7	9	14	nw.	U. S. Weather Bureau.
Pymatuning Dam	Crawford	1,050	2	39.4	.....	73	27	12	4	3.82	.....	1.03	19-20	.....	15	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1,371	36	37.6	−7.6	71	24	8	7	4.65	+1.62	0.84	19-20	1.0	16	9	6	15	s.	West Penn Power Co.
Sharon	Mercer	940	30	46.2	−2.5	82	1	22	7†	3.63	+0.59	1.12	18-19	3.8	14	15	6	9	ne.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,190	76	41.2	−4.9	72	25	9	16	4.55	−0.24	1.21	18-19	5.7	18	4	8	18	nw.	D. L. Grove.
Springs	Somerset	2,500	26	39.4	−6.0	69	25†	11	16	4.72	+0.73	1.10	18-19	2.7	22	4	8	18	w.	Allen E. Yoder.
Uniontown	Fayette	1,060	55	47.2	−4.0	76	25†	19	4	1.54	+0.81	1.19	18-19	1.5	17	9	14	7	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	29	45.8	−4.4	76	25†	19	7	4.17	+1.32	0.97	19	.....	16	11	13	6	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	54	38.9[b]	−6.1	72[c]	27	12	7	4.62	+1.00	0.97	19	4.0	18	9	5	16	e.	Harold L Johnson.
Waynesburg	Greene	1,100	12	45.8	−4.7	75	1†	17	4	4.54	+1.05	1.38	16-17	T.	13	5	11	14	w.	Thomas S Knox.
Division mean				42.2	−6.4	82	1	7	7†	4.36	+0.94	1.44	28	4.7	16	8	9	13	w.	
Lake Drainage																				
Erie	Erie	670	70	40.8	+4.3	64	27	23	6	4.02	−1.29	1.20	27	2.2	12	11	4	15	w.	U. S. Weather Bureau.
State mean				43.1	−5.5	83	1†	7	7†	3.97	+0.55	2.53	20-21	3.7	14	9	9	12	nw.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. * Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, [a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., missing from the record.

†† Formerly Bloomsburg [near]

W. B. O., Philadelphia-7-24-43-975

Daily Precipitation for April, 1943

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2]	Pike			.20		.13			.03					.33	.40			T.		.16	1.01	.23	.12								T.		2.61
Hawley[2]	Wayne		T.	.10	T	.10	.01		.09			T.		.11	.50	.02	T.	.13		.30	.76	.24	.20				.08		.07		.07		2.78
Hollisterville[2]	Wayne		.02	.18		.35	.04		.15					*	.83	.04	.03	*		.36	.72	.24	.07				.10				.01		3.14
Lakeville[2]	Wayne			.10	.20	.14	.05		.15					.10	.54	.03	.02	.10		.42	.69	.25	.16				.05		.04		.05		3.09
Matamoras[2]	Pike			.06					.16					.22	.51					.14	.88	.23	.22										2.42
Mount Pocono[5]	Monroe	.01	.05	T.	T.	.15	T.	.04					.28	.40	.12	.03	.20	.01	.05	1.05	.09	.34	.04			.02		.02	.01		.21		3.12
Pleasant Mount†	Wayne													.54	.04		.24		.28	.68	.05	.43				.23		.34	.04		.65		§
Stroudsburg	Monroe	.10	.04	T.	T.	.10	.01		.07				.21	.14	.34	T.	T.	.07		.45	.76	.29	.05					.01			.25		2.89
Tanners Falls†	Wayne		.18	.01	.11	.04		.03	.05				.08	.39	.03		.40		.37	.68	.02	.40				.07		.15			.75		3.76
LEHIGH																																	
Allentown[2]	Lehigh	T.	.25	T.		.11			.02					.41	.46			.10	.18	.17	1.06	.38	.09				.01		.05				3.29
Bethlehem†	N'rthampton	.25	.03		.07	.08		*	.03				.41	.42		T	T.	.33	.09	.84	.02	.46					T.	.04			.28		3.85
Blakeslee Corners†	Monroe	.07	.05		.10	.04		.02					.18	.52			.10		.28	.55		.13					.08			.32		2.44
Gouldsboro[2]	Wayne		.05	T.	.18	.17			.08					.16	.65			.20		.40	.64	.23	.19				.09		.10		.11		3.25
Lansford[2]	Carbon		.12	.08		.20			.04					.75		.05		.08	.04	.31	.87	.47	.01				T.		.06		.03		3.11
Mauch Chunk	Carbon	.10	.07	T.		.20	.02		.05				.33	.14	.35	.02	.04	.10		.53	.60	.28	.02	T.			T.	.05			.49		3.39
New Tripoli	Lehigh	.22	.02	T.		.14			.06				.38	.09	.28	T.	.02	.20		.82	.24	.18		.02				.06	.01		.22		2.96
Palmerton†	Carbon	.17	.02		17			.01					.35	.34	T.		T.	.12	.09	.59		.12	T.					.04	T.		.16		2.18
Zionsville	Lehigh	.03	.13			.32			.02				.60	.06	.41			.33	.08	.92	.21	.38	.11				T.	.01	.01		.21		3.83
SCHUYLKILL																																	
Conshohocken	Montgomery	*	*			.49			.05				.62		.94	.36	.05	.66		.29		T.						T.			.10		3.56
Fredericksville[2]	Berks		.15	T.		.15	T.		.03					.17	.43	T.		T.	.25	.35	1.24	.18	.13						.05				3.13
Freeland[2]	Luzerne		.03	.05	.05	.02	T.							.55	.08	T.	.43	.05		.04	.68	.23					.01	T.	.05		*		2.27
Gratersford[2]	Montgomery		.17			.03			.12					.09	.21			.11	.63	.21	1.62	.24							.09				3.52
Phoenixville[2]	Chester	T.	.22	T.		.18			.06					.15	.22	T.		.13	.29	.41	1.52	.30	.02				T.		.02				3.52
Port Clinton	Schuylkill	.18	.10			.17			.05				.40	.12	.31		.05	.13		.90	.18	.39						.05			.13		3.16
Pottstown[2]	Montgomery		.19			.27			.07					.17	.32	.01		.16	.21	.35	1.42	.16	.02						.02				3.37
Pottsville[2]	Schuylkill		.12	T.		.15			.06					.42	.40	T.		.18	.12	.42	1.10	.40	T.				.03		.07		.17		3.47
Reading†[1]	Berks	.16	T.		.19			.05					.32	.34	T	T.	.02	.15	.06	1.22	.02	.18	T.					.05			.14		2.90
Wernersville	Berks	.15	.01			.26			.08				.33	.20	.15	T.	.01	.11	T.	1.27	.04	.25	T.					.06			.17		3.09
LOWER DELAWARE																																	
Coatesville	Chester	.30							.03				.15	.23	.04	T.	T.	.55		2.05		.09	T								T.		3.44
Doylestown	Bucks	.17		T.		.05							.13		.20			.37		.72	.07	.21						.02			.19		2.13
George School	Bucks	.12	.09	T.		.09	.02		.02				.27	.03	.17	T.	T.	.21	T.	.78	.30	.20	.06	.02				.04			.08		2.50
Marcus Hook[2]	Delaware		.20			.04			.04					.28	.22	T.	T.	T.	.25	.22	1.57	.11	.03	T.					T.		T.		2.96
Philadelphia Airport Station[1]	Philadelphia	.22	.02	T.	.03			.05	T.		T.		.24	.16	T	T.	T.	.22	T.	1.44	.01	.15	.02				T	.02			.03		2.61
City Office†[1]	Philadelphia	.24	T.		.04			.02	T		T		.18	.17	.01	T.	T.	.14	T.	1.06	T	.18					T.	.05		T.		2.05
Franklin Inst.[2]	Philadelphia	T.	.20			.09			.04		T.			.34	.21	.02	T.	.01	.19	.22	1.81	.17	.03						.04		T.		3.37
Shawmont	Philadelphia	.06	.13		T.	.14		T.	.06				.17	.06	.28	T.	.02	.28	T.	1.35	.30	.20	.02					.04			.05		3.16
Quakertown	Bucks	.18	.01			T.			.14				.28	.06	.36		T.	.35		.95	.10	.23	.06					.01			.23		2.96
West Chester	Chester	.12	.03	T.		.04			.04				.17		.23	T.	.01	.43		2.04	.04	.26						.01			.08		3.50
West Grove[2]	Chester		.16	.05		.02			.03					.24	.23	.03		.11	.30	.46	1.69	.18	T.						T.		T.		3.50
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg†	Tioga	.10	.06	.03				.06		.03		.02	.26	.10		.03	.27		.17	1.09		.95	.02	.03		.13		.88			.33		4.56
Centerville[2]	Bradford						T.								.20			.17		.50	1.08	.40	.03				.05		.57		.15		§
Covington[2]	Tioga		.10	.05		.09	T.							.12	.40			.60		.42	1.08	.75	.30				.08		.58		.16		4.73
Lawrenceville	Tioga	.05	T.	T.	T.								.10	.10	T.	T.	.28	.10		1.05	.40	.82					T.	.08	.57		.32		3.87
NORTH BRANCH																																	
Canton[2]	Bradford		.10	.03		.19	.03		.03					.16	.45			.34		.52	.89	.57	.02				.07		.51		.09		4.00
Danville[2]	Montour		.05			.16			.09					.21	.56			.32		.50	.86	.46	.05				.04		.07				3.37
Kellogg Mt Tower[2]	Bradford		.01	.10	T.	.08	.02		.02					.06	.63	T.	T.	.33		.43	.86	.22	.07				.07		.23		.08		3.23
Millville†	Columbia	.02	.03	.09	.15	.05		.01	.09				.20	.47			.36		.36	.68	.44	.10										§
Montrose[2]	Susquehanna		.01	.17	T.	.08	.02	T.	.06			T.		.10	.57	.02	T.	.28		.39	.87	.32	.07				.23		.54	.01	.08		3.82
Orangeville[2]	Columbia		.04			.23			.02					.15	.65			.42		.63	.51	.21	T.						.04		.07		2.97
Orwell[2]	Bradford		.09	T	.03	.12	T.		.12	.01				.04	.72		T.	.37		.62	.70	.40	.12				.18		.55		.15		4.22
Pikes Creek†	Luzerne		.11		.15	.14		.05	.01				.37	.50			.46	.01	.38	.88		.30						.07	.18		.41		4.02
Rush[2]	Susquehanna		.02	T.	.10	.15	.20	T.	.15			T.			.40	.30		.87		.40	.50	.24				.15					.10		3.58
Scranton†[1]	Lackawanna	T.	.13	T.	.16	T.	.05	.08					.10	.44	T.	T.	.03		.24	.37		.22	.02			.05		.03	.04		.19		2.15
Susquehanna[2]	Susquehanna		.03	.22		.05	.03		.01	T				.05	.66	.02	T	.25		.21	.70	.10	.11				.21		.50	T	.09		3.24
Towanda	Bradford	.04	.08	.02	T.	.10	T.		.06		T.		.02	.58	.04	T.	.08	.04		.81	.24	.34	.01			T.	.11	.03	.39	.01	.15		3.15
Tunkhannock†	Wyoming	.03	.10		.15	.05	.02	.08					.11	.69			.30		.22	1.03	.01	.52				.06		.02	.02		.12		3.53
Wilkes-Barre[5]	Luzerne	T.	.15	T.	.07	.02	T.	T			T.		.17	.54	.05	T.	.11		.30	.37	.02	.33	T.			T.		.17	T.		.23		2.53
WEST BRANCH																																	
Ansonia[2]	Tioga		.09	.02	.04	.11	T.		.01					.24	.20	.02	.02	.58		.38	.47	1.29	.04								.61		.11		4.23
Bald Eagle†	Blair				.09	.01		.09					.56	.39			1.05	.03	.41	1.07	.41	.46						.17	.06		.42		5.22
Berwinsdale[2]	Clearfield												*	.59	.11	.08	.05	.92		.65	.53	.58	.15				.09		.43		.15		§
Carter Camp†	Potter	.10	.02		.17	.01		.07					.55	.23			*	*	*	*	*	3.24					.04		.97	.03		.65		6.08
Cedar Run[2]	Lycoming		.09	.03		.12	.02		.04					.38	.39	.04		.39		.58	1.08	1.32	.19				.06		.57		.23		5.53
Clearfield[2]	Clearfield		.02	.02		.37	02		.13					.70	.27	.08	.08	1.20		.47	.65	.60	.47				.10		.27		.24		5.69
Curwensville[5]	Clearfield	.05	.08	.02	.37	.03	T.	.05					.82	.40	.10	.13	.69	T	.21	1.33	.35	.72				.12		.31	T.	T.	.75		6.53
Driftwood†	Cameron	.10	.02		.08			.13	.10			.02	.47	.26			.64		.23	.97	1.04	1.49				.06		.51			.52		6.64
Du Bois, 7 miles E	Clearfield	02	T.	T.		.32	T.		.05				.44	.37	.02	T.	.56	.23		1.12	.04	.81	.02				.05	.07	.16		.52		4.80
Dushore†	Sullivan	*	*	*	*	*	*	.35					.19	.81			.76		.26	.73	.10	.30				.05		.07	.02		.32		3.96
Eagles Mere[2]	Sullivan		T.	.09	T.	.22	.03	T.	.05					.37	.86	.03		1.14		.56	.84	.47	.05								.21		.05		4.97
Emporium[2]	Cameron		.14	T.		T.	T.		.10				.06	.50	.13	T.	T	.93		.19	.97	1.29	.41				.10		.35		.26		5.43
English Center†	Lycoming		.08	.12	.12	.02		.03					.31	.40			.86		.29	1.29	.65	.35						.23	.02		.54		5.31
Galeton	Potter	.06	.05	.06	.02	.05			T.				.49	.04	.01	.02	.45	.36		.13	.05	1.24	T.				.05	.12	.78		.35		4.33
Karthaus[2]	Clearfield			T.		.18			.13					.43	.32	.06		.97		.55	.62	.79	.40					T.	.17		.19		4.81
Lock Haven[2]	Clinton		.01	T.		.15			.11					.25	.54	.02		1.10		.63	.55	.85	.16				.05		.26		.12		4.80
Medix Run†	Elk	.10	.02		.22	.01		.08					.36	.23			.68		.19	1.15	.69	.64				.07		.41			.44		5.29
Philipsburg[5], 7 miles E	Centre	T.	T.	T.	.39	T.	.03	.09					.59	.53	.11	.08	1.51		.56	1.03	.59	1.01	T.			.02		.14	T	T	.32		7.00
Renovo[2]	Clinton		.06	.02		.09			.11					.36	.40	.02		.86		.42	1.25	1.30	.42				.01		.42		.15		5.89
Shaffers Path[2]	Lycoming			.04		.30			.05					.20	.62			.46		.73	1.19	.44	.02				.01		.12		.05		4.23

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Susquehanna Basin (continued)																																
WEST BRANCH (continued)																																
State College†	Centre	T.	T.	T.	.31	T.	T.	.05					.43	.53	T.	T.	.60	T.	.29	.59	.71	.53				.01		.13	T.		.25		4.43
Tamarack Tower[2]	Clinton		.09	.01	.01	.18	.02		.04				T.	.38	.41	.03	T.	.79		.47	.71	1.35	.19				.10		.53		.17		5.48
Wellsboro[2]	Tioga		.09	T.		.08			T.					.17	.21	.01		.46		.40	.69	1.07	.09				.01		.60		.12		4.00
Williamsport[2]	Lycoming		.01	.01		.25			.03					.20	.65	.01		.78	T.	.62	1.24	.48	.01				.01		.18		.08		4.56
JUNIATA																																
Altoona	Blair			T.		.06			.09				.41	.46	.04	.12	.62	.21	.26	1.04	.14	1.25				.02	.08	.06		.24		5.05
Bedford[2]	Bedford	.03	T.	T.	T.	.14			.25				T.	.79	.30	.08	T.	.35		1.30	1.05	.60						.03		.03		‖4.95
Breezewood Intch[3]	Bedford	.02		T.	.10			.15	.02				.47	.22	.04	.02	.04	.01	.40	1.55	.54	.04								.03		3.65
Buffalo Mills[2]	Bedford								.22					.67	.25	.19		.27		1.24	.80	.37						.09				4.10
Burnt Cabins[3]	Huntingdon	.14			T.			.02					.46	.54	.01	T.	.09	.11	.33	1.33	.31	.10					.01		.14		3.59
Charter Oak†	Huntingdon				.14	.04							.64	.65		*	*	*	1.09	.84	.85	.54				.07		.05	.09		.31		5.31
East Waterford[2]	Perry		.14	T.	T.	.02	T.	T.	.06					.38	.51	.08	T.	.25	T.	.76	1.52	.49	.12	T.				.06		T.		4.39
Huntingdon[2]	Huntingdon		.01			.04	.01		.11					.52	.58	.03	.01	.53		.78	.64	.53	.18					.04		.04		4.05
Lewistown[2]	Mifflin	T.	*	*		.25			.05					.50	.53			.60		.60	1.01	.75	.37					.03		.02		‖4.71
Loop Mt. Tower[2]	Huntingdon		.03	.04		.06			.13					.59	.51	.03	.02	.59		.60	1.08	.51	.04					.04		.01		4.31
Mapleton Depot[2]	Huntingdon		.12			.05			.07					.51	.42	.01	T.	.37	T.	.67	.85	.67	.26					.11		T.		4.11
Martinsburg[5]	Blair	.03	T.	T.	.06	T.	T.	.06					.57	.37	.13	.01	.39	.10	.53	1.08	.61	.01				.06	T.	.02	T.		.34		4.37
Newport[2]	Perry		.13		T.	.15			.06					.37	.52	T.	T.	.31		.60	1.40	.62	.13									4.32
Saxton[2]	Bedford		.07	T.		T.	T.		.05					.68	.34	.02	.02	.40	T.	.96	.76	.93	.03				.02		.02		T.		4.30
Shade Gap†	Huntingdon	.14			.03	.01		.03					.46	.73			.11	.05	.44	1.02	.72	.11						.06		.08		3.99
LWR SUSQUEHANNA																																
Arendtsville[2]	Adams		.11			T.			T.					.38	.26	T.	T.	.16		.49	1.29	.45	.02	T.				.03		.01		3.20
Bloserville	Cumberland	.10		T.	T.	.04			.08				.40	.50	.02	T.	.02	.26	T.	1.55	.39	.43	T.				.02		.18		4.08
Blue Mt. Intchg...[3]	Franklin	.14			.03	T.		T.	T.				.44	.61	T.	T.	.02	.10	.20	1.65	.31	.17	T.			.02	.05		.12		3.86
Carlisle	Cumberland	.25			T.	.05			*				.40	.30	.01	T.	.02	*	.11	1.70	.35	.91				T.		.04	T.	.11		4.25
Ephrata	Lancaster	.13		T.		.01			.05				.26	.20	.18		.01	.13		.90	.11	.16					T.			.15		2.29
Glen Rock†	York	.12	.02															.19	.02	1.68	.37	.01										§
Gordon	Schuylkill	.11	T.	.03		.18			.05				.39	.24	.27		.07	.20		.97	.18	.53	.04					*		.32		3.58
Hanover[2]	York		.20			T.			.06					.22	.19	T		.07	.13	.67	1.24	.37	.03						.02	T.		3.20
Harrisburg Arpt†[1]	York	.17		T.	T.			.07					.23	.30	T.	.01	.02	.18	.13	1.64	.34	.06				T.	T.	.03		.10		3.28
Holtwood[2]	Lancaster		.24			.01			.01					.04	.29	T.	T.	.12	.18	.53	1.01	.22	.01	T.				.01		T.		2.67
Huntsdale[2]	Cumberland		.20			.03			.02					.38	.42	.04		.15	.04	.58	1.89	.43	.03					.03		.01		4.25
Kirkwood†	Lancaster	.30			T.								.18	.42				.40	.02	1.39	.06	.19								.05		3.61
Lancaster	Lancaster	.14	.03	T.		.04			.08				.12		.50	T.	T.	.17		1.20	.27	.22	.01					T.		.13		2.91
Lebanon[2]	Lebanon		.23	T.	T.	.11			.08					.33	.40	T		.13	.10	.31	1.06	.19	T.				T.		.03			2.97
Manada Gap	Dauphin	.25	T.	T.	T.	.17			.08				.74	.40	.06		.11	.17	.08	1.35	.23	.56	.02					.02		.09		4.33
Middletown[3]	Dauphin	.15		T.	T.			.07	T.				.33	.24	.09	T.	T.	.10	.01	1.88	.49	.08					T.			.16		‖3.60
Millersburg†[1]	Dauphin	.13	.07		.19			.10	.04				.27	.56			.25	.06	.27	.87	.50	.08					.02			.06		3.47
New Park	York	.30							T.				.18		.47			.22		1.65	.18	.30		T.								3.30
Penn Nursery[2]	Centre			T.		.36	T		.03					.48	.59	.19	T.	.76		*	.72	.98	.86				.04		.14		.02		‖5.17
Peters Mt. Tower[2]	Dauphin		.19	T.	T.	.12	T.		.04					.28	.44	.01	T.	.25	.04	.59	.82	.52	.08				T.		.01		T.		3.39
Pine Grove[2]	Schuylkill		.18	T.	T.	.14			*					.59	.56	T.	T.	*	*	.72	.73	.49	.04				T.		.03		T.		3.48
Ringtown[2]	Schuylkill	.01	T.			.01	T.		.03					.25	.58	.06	.01	.18	.11	.13	.44	.25	.02				.01		.01		.01		†
Selinsgrove	Snyder	T.	.04	T.	.16	.10			.09				.28	.68	.19	.01	.05	.23		1.83	.29	.66	.04					.01	.03		.14		4.83
Shippensburg	Cumberland	.16		T.		T.			.01				.40	.18	.02	T.	.01	.10	T.	1.15	.19	.21	T.						T.		T		2.43
Sunbury[2]	N'umberland		.01	T.		.10			.08					.34	.70	.06		.45		.63	1.43	.70	.04				.03		.04		T.		4.61
Woodward[5]	Centre	T.	.03	T.	.25	T.	T.	.11			T.		.28	.54	T.	T.	.79	T.	.41	1.22	.39	.17				T		.11	T.		.26		4.56
York	York	.12	.02			.01			.04				.18	.07	.26			.14		1.29	.25	.44						.01			.04		2.87
York Haven[2]	York		.14			T.			.06					.18	.22			.06	.03	.50	1.33	.49	.04								T.		3.05
Potomac Basin																																
Chambersburg[2]	Franklin		.17	T.		.05			.08					.39	.35	.02		.09	.05	.46	1.10	.35	T.						.02		T.		3.13
Gettysburg	Adams	.03				T			.03				.23	.09	.02			.15		1.33	.26	.41						.03		T.		2.58
Hewitt†, 2 miles S.	Bedford	.24			.09	.03		.14	.01	.05			.50	.14				.10	.25	1.28	.58						.01					3.42
Hyndman[2]	Bedford		.12	T.		.10			.22		.04		T.	.59	.20	.09		.12	T.	.88	.80	.52				T.		.04				3.72
McConnellsburg[2]	Fulton					.11			.12					.52	.44	T		.20	T.	.52	1.05	.55										3.51
Mercersburg	Franklin	*				*			.46				.07		.90			*	*	*	*	*								2.97		4.40
South Mt. San't'm[2]	Franklin		.23			.03			.11					.36	.47			.14	.12	.32	1.15	.46								.04		3.43
GULF DRAINAGE																																
Ohio Basin																																
ALLEGHENY																																
Acmetonia[2]	Allegheny		.01	T.			T.		.10				.01	.38	.26	.03	T	.52		.45	.65	.06					.03		.59		.24		3.33
Allens Mills†	Jefferson	.13			.29	.01		.19	.02				.61	.30	.06	.03	.98		.20	1.11	.23	.46	.03			.16		.48		.70		5.99
Blairsville[2]	Indiana	T.	.02	T.	T.	.01	T.		.17				.11	.40	.47	.01	.02	.86		.78	.48	.11	.04				.12	T	.24		.31		4.15
Boswell†**, 6 miles W.	W'moreland	.09			.09			.19	.01				.58	.41	.09	.09	1.27	.40	.54	1.28	.15					.01	.08	.09	.23		.33		5.93
Bradford	McKean	.10	T.	T.	.10	.12	.05						.74	.18	.05	.05	.25			.60	.36	.53				.06	.56	.30	1.44		.71		6.20
Brookville[5]	Jefferson	.09	.02		.24	T.			.08				.59	.28	.03	.01	.47		.24	1.19	.31	.27				.17		.34		.01	.61		4.95
Buckstown†	Somerset	.08			.09			.22	.09				.68	.30			.41	.28	.55	1.02	.30						.07	.24		.29		4.62
Cherry Grove†	Warren	.08	.04	.06	.05	.02		.09					.80	.21	.06		.37		.01	1.20	.10	.32				.20		.71		.41		4.73
Clarion[2]	Clarion	.03	.07	T.		.14			.18					.80	.19	.01	.05	.89		.36	.88	.19	.05				.16		.32		.31		4.63
Coudersport	Potter	.11	.18	.10	.03	.08			.03				.61	.19	.07	.04	.58	.13		.90	.12	1.38	.04			.04	.26	.19	1.20		.46		6.74
Crooked Crk. Dam†	Armstrong				.03			.05					.43	.19	.02		.49		.26	.91	.16					.09	.01	.30			.33		3.27
Derry	W'moreland	.02		T.	T.	.06		T.	T.				.40	.55	.12	.03	.60	.38	.33	.93	.22	T.					.06	.13			.11		3.94
Dunlo†	Cambria	.09			.07			.15					.47	.49	.06	.07	.64	.18	.45	1.06	.46	.04				.03	.05	.06	.07		.64		5.08
Ebensburg[2]	Cambria		T.	.01	T.	.04	T.		.17					.58	.85	.05	T.	1.05		.47	.24	.59	.04				.09		.20		.19		4.57
Franklin[2]	Venango	T.		.03	T.	.13	T.		.07				T.	.80	.02	.24	.10	.09		.25	.90		.05				.22	T	.85		.18		3.93
Glen Hazel[2], 1 mile NE	Elk	.18	.06	.06		.09	.02		.10					.72	.24	.02	.05	.88		.44	.82	.84	.09				.12		.45	T.	.31		5.49
Home†	Indiana				.04								.29	.41	.08		.91	.02	.17	1.06	.26	.09			.10		.58	.01			.39		4.41
Indiana	Indiana	T.	T.	T.		.03	T.	T.	.05				.37	.37	.15	.03	.60	.28	.04	1.26	.18	.15				.01	.10	.27			.55		4.44
Johnstown	Cambria	.09		.03	.03	.03		.04	.10				.51	.42	.08	.22	.66	.56	.30	.91	.22	.16				.08	.10	.13			.61		5.28
Kane[5]	McKean	.17	.08	.02	.07	.05	.01	.04					.76	.51	.08	T.	.30		.07	1.12	.38	.24			.10		.47	T.			.48		4.95
Laurel Hill Tunnel[3]	W'moreland	.07	T.	T.	.03	T.	T.	.34			T.		.60	.55	.12	.10	1.05	.35	.82	1.32	.23	.05					.05	.15			.31		6.14
Lycippus	W'moreland	.05		T.	T.		T.	.04	.10		T.		.40	.52	.05	.07	.42	.12	.53	1.10	.25	.20					.12	.20			.23		4.40
Mahoning Dam†	Armstrong	.02						.10					.60	.28	.01	.02	.86		.20	1.20	.40	.04					.28				.44		4.45
Marienville†	Forest																															
Meadville[2]	Crawford	.03	T.	.04	T	.13	T.		.08				.09	.57	.07	.05	.06	.37		.27	.95	.02	.01				.17	.02	.35		.25		3.53
Mosgrove[2]	Armstrong		.09	T.	T.	.02	.03		.04					.64	.33	.10	.03	.88		.39	.61	.18	.01				.11		.31		.16		3.93
Parkers Landing[2]	Armstrong	.03		.10			T.		.05				T.	.90	.12	.04	.04	.79		.38	.58	.06					.15		.23		.36		3.83

Continued on page 26.

Daily Precipitation for April, 1943 - Continued from Page 25

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Pittsburgh Cty Off[1]	Allegheny	.01	.01	T	.01			.09		T.			.34	.32	.03	T.	.33	T.	.28	.87	.03					.02		.14			.33		2.81
Port Allegany[2]	McKean	.03	.21	.02	T.	.13	.02		.04					.42	.12	.02	T.	.66		.04	.70	1.37	.31				.25		.89	.01	.23		5.47
Punxsutawney[2]	Jefferson		T.	T.		.04			.08					.55	.29	.01	T.	1.21		.41	.92	.40	.05				.12		.24		.19		4.51
Ridgway[2]	Elk	.03	.07	.01		.07	T.		.12					.44	.28	.02	T.	.50		.32	.84	.57	.15				.16		.80		.27		4.65
Saltsburg[2]	Indiana	T.	T.	T.	T.	T.	T.		.11				.09	.29	.42	.01	.02	.75		.70	.91	.32					.03	T	.32		.32		4.29
Seward[2]	Indiana		.02	.01		.01			.11					.84	.56	.11	.09	1.12		.46	1.29	.11	.11				.04		.01		.14		4.56
Smethport‡	McKean	.12			.07	.05		.02					.46	.13	.02		.60		.12	.96	.68	.36				.25		.84		.49		5.17
Strongstown‡	Indiana		.03		.10			.17					.47	.49	.07	.03	1.07		.45	.88	.17					.05		.25	.03	.73		4.99
Tionesta Dam‡	Forest				.15			.20	.03				.82	.10			.48		.01	1.21	.03	.07				.14		.54		.61		4.39
Titusville‡	Crawford				.06	.04		.18					.80	.10	.06		*	*	*	*	*	1.63				.14		.43		.82		3.76
Union City‡	Erie	.11	.02	.02	.06			.13	.03			.04	.60	.25	.06	.01	.39			1.03		.03				.42		.75		.50		4.45
Vandergrift[3]	Westmoreland	.01	.01	.01				*					.48	.38	.04	T.	.75		.25	.97	.19					*	.03	.13	.22	.70		4.17
Warren[2]	Warren	.02	.05	.12	T.	.04	.01	T.	.10					.66	.23	.08	.02	.39		.21	.76	.23	.19				.39		.90	T.	.22		4.62
Youngsville‡	Warren													.22	.08	.06	.60			.88	.09	.34				.40		.80		.61		§
MONONGAHELA																																	
Confluence[2]	Somerset		.12	T.	T	.03	T.	T.	.30		.21		T.	.83	.54	T.	T.	.72	.08	.86	.48	T	.03				.07		.12				4.39
Connellsville[2]	Fayette		T.			.04			.35		.03	T.	.01	.30	.78	.03	T.	1.05	.01	.60	.72	.25	.03						.18		.05		4.43
Donora[3]	Washington	.03	T.	T.	T.		T.	.11		T	T.		.32	.55	.01	T.	.52	.03	.31	.90	.17	.01				.04		.10	.19	T.	.15		3.44
Greensboro[2]	Greene		.15	T.	.02	.02	T.	T.	.12		.15		T.	.38	.78	.03	T.	.61	.05	.76	.96	.30	.03				.01		.08		T.		4.45
Greensburg	Westmoreland	.02	T.	T	T.	T.	T.	.09	.08				.44	.58	.02	.04	.38	.28	.19	1.39	.23	.12					.12	.13			.03		4.14
Irwin	Westmoreland	.01	T.	T.	T.	T.	T.	.02	.10				.27	.52	.04	.02	.41	.17	.22	.93	.13	.14					.04	.05	T		.23		3.30
Meyersdale[2]	Somerset		.09	.01	.01				.30		.16		T.	.82	.23	.05		.26		.84	.62	.24					.03		.08				3.74
Murrysville‡	Westmoreland							.07					.26	.34			.38		.26	.89	.10					.05		.19		.30		2.84
Newell[4]	Fayette	.02		.04	.16	.20			.25				*	.30	*	*	.30	.50		.90	.35	.15					.05	.05	.15		.15		3.57
Pittsburgh Arpt.[1]	Allegheny	.01	T.	T	.01	T	T.	.09		T.	T		.19	.35	.07	T.	.26	T	.23	.69	.02	T.	T			.03	T.	.13	T.	T.	.30		4.55
Somerset	Somerset	.07	T.	.01	.02	T.	T.	.04	.33		T		.61	.48	.04	.08	.21	.45	.22	1.21	.35	.02						.05	.14		.22		4.55
Springs	Somerset	.30	T.	.01	.06	T.	.01	.07	.30	.03	.17		.94	.45	.04	.02	.09	.44	.08	1.10	.25	.18	T.				.04	.09	.03		.02		4.72
Uniontown	Fayette	.09		T.	.04		T.	T.	.27		.16		.30	.82	.01	.02	.15	.80	.18	1.19	.17	.10					T	.08	.03		.13		4.54
Waynesburg	Greene								.20		.19		.29	.60	.03	T.	.34	1.04	.20	1.33		.06						*	.20		.06		4.54
BEAVER																																	
Beaver Falls[2]	Beaver	T.	T.	T.			T		.05				T.	.58	.30	T.	T	.26		.35	.84	.02					.01		.36	T.	.13		2.90
Butler	Butler	.06		.01		T.	T.		.09				.55	.23	.15	.04	.61	.31		.59	.55	.01					.25	.25	.46		.38		4.54
Greenville	Mercer		.01		.09			.13					.89	.13	T.	.01	.30	.01		1.30	.03					.03	.17	*	31		.53		3.89
Mercer[5]	Mercer	.05	T	T.	.04	T.	T.	T.					.99	.14	.09	T.	.36		T	1.08	.07	T.				.12		.39	T	.02	.40		3.75
New Castle	Lawrence		T.	.01	T.		T.	T.	.08	T.			.74	.06	.08	.04	.63	T	T.	.71	.56						.12	.03	.22		.41		3.69
Penn Line[2]	Crawford	.05	T.	.03		.08	T		.07				.08	.56	.03	.06	.36	.29		.36	1.04	T	T				.24	.10	.48		.34		4.17
Pymatuning Dam[2]	Crawford	.02	T.	T.		.05	T.		.12				.12	.50	T.	.06	.14	.16		.25	1.03	T.					.16	.02	.89	.01	.29		3.82
Sharon[2]	Mercer			.01					.13				.15	.82	.07	.11	.31	.15		.27	.85						.18	.04	.18		.36		3.63
OHIO																																	
Claysville[2]	Washington		.02	T.					.21		.15		.03	.39	.47	.06		.65		.62	.89							.03	.34		.16		4.02
Coraopolis[2]	Allegheny	T.	T	T.					.11	T.			.11	.29	.21		.02	.35		.54	.52						.01		.51		.36		3.03
Midland[2]	Beaver	.02	T.	T.		.01			.09		T.		.03	.54	.19	.04	.01	.40		.45	.87	.09					.08		.41		.28		3.51
Mt. Lebanon	Allegheny	T.	T.	T.	T.	T.	T.	.08					.20	.30	T.	T	.18		.12	.85	.07						.03	.16	.03		.29		2.31
Washington‡	Washington							.10		.04			.31	.40			.50		.46	.87	.03					.09	.01	.36			.16		3.33
LAKE DRAINAGE																																	
Erie‡[1]	Erie	.14	.04			T.		.07					.27	.12	T.		.29			1.13	.02	.04				.40		1.20			.30		4.02
Raymond‡	Potter	.11	.02	.02	.11	.01			.08	.02			.50	.11		.02	.59		.08	.81	.39	1.23				.15		1.06	.04		.38		‖5.73

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated.
** Boswell was formally Laurel Hill Summit. Figures and letters following station indicate distance and direction of station from the city or town.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum * velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.46	3	29.04	12	9.6	28	se.	27	76	66	72	41	725
Harrisburg	30.41	18	29.19	12	10.5	35	nw.	5	69	52	55	61	572
Philadelphia	30.41	18	29.20	12	11.9	37	nw.	12§	70	45	59	62	521
Philipsburg	30.40	29	29.10	12	14.2	44	w.	30	81	62	67		840
Pittsburgh	30.42	29	29.03	12	13.4	42	nw.	5	72	50	56	54	620
Reading	30.43	18	29.19	12	14.8	45	w.	5	64	43	46‡	63	556
Scranton	30.44	18	29.19	12	7.9	29	nw.	5§	77	62†		42	708

* For any five-minute period. ** Corrected to true velocities.
† Local noon § Also other dates. ‡ 4:00 p. m. ° One-minute interval

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.3	6.6	22	3.0	12†	18
Easton	Delaware	5.0	8.6	22	3.2	12	22
Lehighton	Lehigh	3.8	4.6	21	3.3	12	9
Reading	Schuylkill	4.5	6.5	21	3.8	17	13
Wilkes-Barre	N. Br. Susquehanna	8.5	17.1	21	5.4	13	22
Williamsport	W. Br. Susquehanna	6.1	19.0	22	2.1	12	20
Newport	Juniata	6.4	15.2	21	3.9	12	22
Harrisburg	Susquehanna	6.0	13.4	23	4.2	13	17
Schenley, (nr) Lock No. 5	Allegheny	15.9	28.9	20	12.9	11	24
Sutersville	Youghiogheny	5.8	14.0	20	3.9	6	20
Charleroi (nr.), Lock No. 4	Monongahela	14.6	26.9	20	11.7	12	30
Pittsburgh	Ohio	*	23.6	20	*		25
Midland, Dam No. 7	Ohio	*	31.2	20	*		30

* Pool stage. † On other days also.

Daily Temperatures for April, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	61	60	37	47	52	40	46	51	62	48	52	47	60	40	39	47	59	52	40	62	51	56	65	67	75	68	59	63	64	67	..	54.6
	Minimum	38	37	29	25	28	23	23	25	30	33	29	27	34	30	20	23	27	30	34	37	37	40	33	34	38	44	40	45	40	43	..	32.5
Altoona	Maximum	71	54	39	41	50	39	42	56	68	63	54	49	42	41	34	35	48	46	41	59	56	58	64	70	74	68	62	70	64	69	....	54.2
	Minimum	49	28	20	21	32	19	17	29	31	37	20	31	31	23	20	16	32	25	33	34	34	36	32	35	37	41	38	47	31	43	....	30.7
Arendtsville	Maximum	75	58	42	46	56	49	44	64	67	60	57	54	57	48	41	54	62	60	41	63	57	61	66	72	80	77	70	67	64	76	....	59.6
	Minimum	37	42	27	22	37	25	21	28	34	42	27	30	34	30	25	22	46	30	36	38	35	41	32	34	42	56	39	51	33	46	....	34.7
Bedford	Maximum	77	56	41	44	53	44	45	62	68	66	55	55	48	38	35	39	54	52	45	60	56	61	64	71	77	76	67	70	64	74	....	57.2
	Minimum	52	35	32	19	35	22	35	30	32	43	23	32	37	23	23	21	34	38	40	40	37	42	30	35	36	59	50	53	30	42	....	35 3
Bethlehem[3]	Maximum	61	60	35	46	51	38	46	50	62	47	52	52	61	38	39	46	59	54	42	64	50	58	67	68	77	70	58	67	65	66	....	55.0
	Minimum	38	32	28	26	33	24	24	33	38	32	30	40	35	27	27	27	39	36	38	38	40	42	37	40	46	51	46	45	42	46	....	36.0
Blue Mt. Interchange[3]	Maximum	76	62	54	54	64	44	46	60	70	57	57	52	53	48	40	46	42	56	42	76	54	60	74	70	78	72	60	66	66	74	....	59.1
	Minimum	38	32	24	26	32	24	20	25	33	34	27	31	33	32	32	38	38	32	36	34	40	40	34	36	42	52	41	42	32	46	....	34 2
Bradford	Maximum	75	57	31	36	40	29	41	46	59	59	59	50	36	32	29	39	45	51	50	52	54	58	66	66	66	57	58	67	58	57	....	50 8
	Minimum	51	30	17	16	26	15	9	30	28	27	16	25	27	20	14	7	25	16	35	33	35	34	24	30	36	32	30	36	32	43	....	26.6
Breezewood Intchg[3]	Maximum	66	50	40	46	52	48	46	60	70	54	54	48	48	34	36	46	56	46	42	62	46	60	64	72	78	68	66	68	64	64	....	55.1
	Minimum	44	28	20	18	32	20	16	26	30	28	22	34	28	20	20	22	32	24	34	34	34	36	30	36	40	44	44	40	28	46	....	30.3
Brookville[5]	Maximum	60	45	35	45	42	35	44	54	64	45	52	47	39	29	33	45	42	54	39	57	41	59	68	70	70	62	72	52	60	66	....	50.9
	Minimum	35	23	18	17	22	18	14	24	26	22	18	33	25	21	19	20	24	21	36	36	37	29	26	33	33	34	39	32	26	33	....	26.5
Burnt Cabins[3]	Maximum	70	53	40	43	54	42	46	60	69	54	56	48	48	36	38	50	60	42	38	63	43	58	65	71	80	70	64	68	66	75	....	55.7
	Minimum	40	28	23	20	30	22	14	23	24	30	23	28	30	24	21	19	34	24	33	34	31	36	27	34	36	45	40	39	27	42	....	29.4
Butler	Maximum	78	62	42	51	45	43	43	44	64	70	52	54	54	39	32	40	40	57	60	55	57	56	70	70	74	65	66	75	58	68	....	56.1
	Minimum	46	32	21	14	28	9	15	28	26	40	20	35	35	18	19	23	30	22	35	37	38	38	36	38	40	44	38	38	28	42	....	30.4
Carlisle	Maximum	78	60	45	46	44	50	48	60	68	66	57	57	55	46	42	47	58	45	40	63	60	64	69	73	80	78	70	70	67	73	....	59 3
	Minimum	40	45	25	25	25	25	22	31	32	32	25	30	31	29	26	20	40	28	35	35	40	36	30	45	45	40	37	47	36	45	....	33.4
Chambersburg	Maximum	71	60	44	45	56	45	46	66	71	62	60	51	58	40	41	54	64	52	40	65	58	64	68	71	81	74	68	68	68	78	....	59.6
	Minimum	39	40	27	24	38	26	24	27	30	42	27	32	38	30	26	26	43	30	35	35	36	41	32	36	40	54	40	50	36	50	....	35.1
Claysville[2]	Maximum	63	44	40	53	50	41	45	62	68	49	55	58	42	33	36	52	48	55	44	53	47	60	69	70	71	65	74	56	62	69	....	54.5
	Minimum	54	43	20	15	28	22	17	25	32	37	20	25	39	22	16	18	31	26	31	39	37	32	30	35	40	44	39	47	27	30	....	30 7
Coatesville	Maximum	72	64	39	50	57	41	48	56	64	52	52	51	63	41	42	50	60	44	46	64	55	58	66	66	78	69	66	70	64	70	....	57 3
	Minimum	38	39	28	25	37	25	24	31	38	40	29	27	31	29	26	25	41	31	35	37	42	42	35	35	48	57	40	49	51	48	....	36.1
Coudersport	Maximum	73	57	38	34	39	31	43	47	63	60	53	48	39	31	33	35	46	56	45	55	51	64	74	76	70	62	61	59	61	61	....	52 2
	Minimum	41	20	18	15	27	14	9	30	27	30	16	25	28	20	12	11	32	18	34	34	32	30	25	30	32	34	29	39	28	42	....	26 1
Curwensville[5]	Maximum	57	46	32	39	38	33	38	49	62	43	50	42	34	26	30	45	41	43	33	52	37	55	62	68	70	62	65	50	58	62	....	47 3
	Minimum	41	18	15	17	18	11	10	30	32	18	16	31	22	12	15	19	28	21	32	32	32	33	35	40	45	37	37	31	29	40	....	26.3
Derry	Maximum	63	63	41	46	53	42	47	61	69	67	56	59	43	36	33	49	50	51	43	58	46	62	69	71	75	71	74	75	68	72	....	56.9
	Minimum	49	33	23	19	38	23	18	33	28	33	18	36	33	25	22	24	38	27	38	40	38	38	30	44	42	45	42	45	30	50	....	33.4
Donora[3]	Maximum	65	54	42	54	56	42	46	64	70	55	57	65	45	35	38	55	51	55	45	60	49	62	70	75	76	66	76	72	68	72	....	57.8
	Minimum	51	31	25	23	35	25	25	36	35	35	26	39	34	26	24	30	42	34	42	44	40	40	35	44	45	48	44	44	34	43	....	36.0
Eagles Mere 2	Maximum	53	53	30	40	40	29	36	42	51	40	46	39	35	34	33	39	55	53	37	53	38	56	65	65	75	62	49	55	60	55	....	47.3
	Minimum	36	36	17	16	16	12	11	11	27	27	18	18	29	16	12	12	18	24	24	31	31	32	32	37	36	41	34	36	32	32	....	25.1
Ebensburg[2]	Maximum	58	44	34	38	38	34	41	48	65	46	49	49	38	27	32	45	41	47	36	55	40	56	62	66	76	61	70	51	60	65	....	48.9
	Minimum	54	40	18	14	22	14	16	17	23	30	18	20	33	20	18	15	22	25	28	33	33	34	30	36	39	42	40	45	29	29	....	27 9
Emporium[2]	Maximum	62	47	38	....	44	34	44	48	65	51	54	45	41	34	34	37	47	54	45	59	54	60	68	72	74	64	70	62	63	65	..	52.9[4]
	Minimum	38	30	18	18	27	15	8	27	26	32	15	23	29	22	15	13	34	18	32	34	32	34	24	28	30	34	27	40	26	42	....	26 4
Ephrata	Maximum	77	60	42	50	56	43	46	59	67	60	57	52	58	40	42	50	61	54	48	64	61	59	68	70	78	76	65	69	67	72	....	59.0
	Minimum	39	41	28	25	36	25	23	31	31	41	29	29	33	30	27	27	40	30	37	37	40	41	32	34	34	55	43	49	37	46	....	34.8
Erie[3]	Maximum	64	50	36	49	42	33	44	49	52	40	41	48	40	30	33	51	41	47	44	48	40	52	63	64	63	55	64	52	58	59	....	48.4
	Minimum	42	27	23	29	26	23	24	36	37	29	27	35	30	25	27	28	35	34	33	33	35	36	40	45	43	39	44	39	39	36	....	33.3
Franklin[2]	Maximum	61	40	36	49	42	35	41	56	67	41	53	50	40	31	34	18	44	56	43	56	45	60	67	71	71	62	73	51	62	66	....	51.7
	Minimum	46	38	21	22	25	21	17	19	30	31	21	22	34	24	21	22	28	23	24	37	38	35	28	29	38	39	38	43	30	30	....	29 1
Freeland	Maximum	61	52	28	40	48	37	42	41	56	50	46	41	44	33	32	35	50	53	42	61	55	52	66	67	70	68	59	57	62	61	....	50.3
	Minimum	32	22	18	17	26	12	12	26	26	26	20	28	31	19	12	15	35	26	30	31	34	32	35	37	39	43	37	46	32	46	....	27 8
George School	Maximum	68	65	43	49	57	47	46	56	61	63	55	54	62	56	42	52	58	57	45	60	58	58	64	65	77	75	59	72	64	69	....	58.6
	Minimum	37	32	28	23	32	25	21	32	29	31	28	25	35	31	24	40	43	42	37	37	39	41	31	33	44	54	41	48	38	48	....	35.0
Gettysburg	Maximum	80	60	48	46	58	54	45	65	67	66	57	56	59	46	42	55	63	62	44	63	62	60	66	70	80	79	71	69	66	72	....	61.0
	Minimum	40	42	28	26	39	27	24	36	31	42	27	29	35	31	28	24	46	32	37	37	38	42	34	36	43	57	41	53	36	50	....	36.2
Gordon	Maximum	76	50	39	42	48	42	46	50	60	58	50	48	48	35	35	41	56	51	45	60	56	56	65	68	75	72	62	53	61	66	....	53 7
	Minimum	37	34	22	19	29	20	19	28	28	35	25	26	27	25	16	15	37	25	35	35	35	38	26	30	33	49	34	38	28	35	....	29.4
Greensburg	Maximum	75	54	40	45	52	41	46	60	69	65	54	62	43	35	35	50	51	54	42	59	46	62	69	71	75	70	75	75	65	70	....	57.0
	Minimum	49	37	22	20	38	23	20	35	33	41	21	37	32	24	21	26	37	28	38	45	38	39	32	44	48	46	44	50	31	49	....	34 8
Hanover[2]	Maximum	73	60	46	49	59	45	49	63	67	57	53	53	59	42	43	57	61	63	40	62	51	59	67	68	79	73	67	72	65	73	....	59.2
	Minimum	39	39	27	25	39	26	24	26	34	40	27	39	38	29	27	28	32	33	37	37	38	40	37	40	41	48	43	49	36	42	....	35.3
Harrisburg[3]	Maximum	60	58	42	45	55	42	47	58	68	51	55	48	57	39	40	49	61	46	41	61	48	59	68	71	79	70	55	67	67	74	....	56 0
	Minimum	41	34	26	27	34	25	26	31	34	34	31	36	35	29	27	25	42	31	37	37	42	41	35	41	56	53	44	45	38	47	....	35.9
Hawley	Maximum	63	59	36	47	48	34	45	47	54	44	49	43	49	38	37	35	57	59	51	63	55	57	69	72	74	64	57	58	61	62	....	53 0
	Minimum	35	28	21	16	32	15	15	29	28	29	21	18	27	22	18	14	31	21	34	34	38	37	25	30	33	40	28	38	34	41	....	27 7
Holtwood[3]	Maximum	61	57	42	46	55	42	46	58	63	53	53	54	57	40	42	54	58	50	45	61	51	55	63	64	77	67	58	68	64	74	....	55 9
	Minimum	41	37	32	31	38	30	29	36	37	37	35	35	37	34	29	29	41	35	40	40	42	42	38	39	44	50	44	48	44	54	....	38 3
Huntingdon[2]	Maximum	63	53	42	52	51	43	46	59	69	54	58	49	42	37	40	44	52	46	40	62	44	61	68	72	78	70	68	60	66	71	....	55 3
	Minimum	41	33	25	21	23	24	20	23	25	27	24	27	38	28	25	18	23	22	27	37	38	38	30	31	35	38	33	38	31	35	....	29 2
Indiana	Maximum	75	60	38	40	44	40	45	55	66	66	53	54	42	36	34	41	49	52	40	57	52	61	66	70	72	69	71	73	62	68	....	55.0
	Minimum	47	30	19	17	37	18	17	31	33	41	19	35	31	20	16	21	34	27	35	36	35	35	33	41	43	44	44	43	29	45	....	31 9
Irwin	Maximum	76	57	39	44	51	44	43	60	68	68	52	53	45	35	35	49	50	51	42	45	47	61	71	72	73	72	75	75	65	67	....	56 2
	Minimum	47	33	20	17	36	19	17	30	27	39	18	33	31	23	20	24	35	24	36	32	33	37	28	39	40	44	39	43	26	46	....	31 2
Johnstown	Maximum	68	60	42	42	51	37	45	57	68	59	57	53	42	31	33	42	48	46	39	58	45	58	65	69	78	65	73	73	63	70	....	54.6
	Minimum	49	33	20	20	34	19	20	32	28	40	21	31	30	22	20	20	36	25	35	36	36	35	29	37	37	46	39	44	31	45	....	31.7
Kane[5]	Maximum	59	45	30	39	39	29	40	45	60	38	50	43	37	28	30	43	41	50	38	54	39	61	65	67	66	58	67	46	59	59	....	47 5
	Minimum	33	17	13	11	16	11	7	29	25	26	11	29	20	10	9	16	21	19	31	31	30	28	24	36	39	32	33	28	23	28	....	22 9
Lancaster	Maximum	83	64	54	50	58	55	48	62	68	67	57	55	61	60	44	50	63	63	48	64	64	62	66	73	79	81	73	70	66	73	....	62.7
	Minimum	39	41	27	23	32	25	19	28	28	40	27	25	30	29	25	21	35	27	37	37	38	37	34	32	35	55	36	47	35	46	....	33.0
Lawrenceville	Maximum	78	58	35	45	45	36	44	43	55	53	47	46	44	36	35	35	44	49	44	55	54	59	68	71	69	64	57	54	61	60	....	51 5
	Minimum	43	32	20	18	32	17	14	31	29	32	22	24	28	25	19	19	34	24	35	35	37	38	28	36	35	40	31	43	37	45	....	30 1
Lebanon[2]	Maximum	52	58	40	49	43	41	47	57	65	51	54	47	57	39	42	50	60	50	40	63	48	57	67	70	79	69	55	67	65	72	....	56 1
	Minimum	38	40	27	25	30	25	22	26	32	39	28	31	32	28	26	28	30	30	36	36	39	38	33	37	40	48	42	42	36	45	....	33 5
Lewistown	Maximum	71	62	48	45	50	45	48	59	69	67	57	61	49	40	39	38	56	54	45	63	63	63	70	74	74	77	74	64	67	71	....	58 8
	Minimum	41	37	26	28	24	25	24	27	34	42	28	33	38	28	27	24	34	28	38	38	39	42	32	38	42	54	43	52	38	48	....	35.1
Lock Haven[2]	Maximum	64	53	43	43	50	39	46	49	67	51	65	48	42	36	40	40	53	54	39	60	46	62	70	75	70	71	59	57	66	69	....	54 4
	Minimum	41	36	25	20	28	21	17	24	32	35	25	31	33	27	20	20	28	25	29	37	38	37	30	32	37	39	34	36	32	35	....	30.0
Marcus Hook[3]	Maximum	67	68	42	54	60	43	48	59	65	59	54	57	62	45	44	55	59	52	46	65	57	59	69	66	78	75	64	75	66	73	....	59.5
	Minimum	40	38	31	30	37	29	26	35	43	35	33	36	36	34	31	33	46	36	40	43	42	44	39	42	49	56	47	48	41	52	....	39.1
Martinsburg[5]	Maximum	60	50	38	49	48	37	43	59	66	51	55	47	44	29	31	46	49	41	38	58	43	59	63	69	74	65	68	62	62	69	....	52 4
	Minimum	41	25	21	22	25	20	21	30	33	25	21	36	27	22	20	22	32	28	34	35	37	38	33	39	46	42	40	35	34	36	....	30.7
Mauch Chunk	Maximum	68	59	48	48	50	50	43	46	58	58	50	47	46	45	38	39	58	55	53	56	62	51	64	68	76	71	58	....	67	65	....	55 1[4]
	Minimum	39	32	25	18	27	20	16	32	28	37	26	21	27	24	18	14	33	26	36	35	39	38	26	28	32	47	30	....	36	44	....	29.4[4]

Continued on page 28.

Daily Temperatures for April, 1943 —Continued from page 27

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Meadville[2]	Maximum	62	34	35	47	40	34	41	55	66	40	54	47	37	31	34	47	45	56	43	55	46	59	68	71	65	58	72	48	62	62	....	50.5
	Minimum	44	31	20	19	27	20	16	23	28	31	17	20	31	22	17	21	29	20	29	37	35	30	26	34	37	35	41	43	28	32	....	27.9
Mercer[5]	Maximum	61	50	40	49	45	36	43	57	67	60	52	50	40	28	30	47	55	56	42	55	47	58	68	70	70	63	72	58	63	69	....	53.2
	Minimum	39	22	17	16	22	16	15	28	20	18	16	34	25	18	13	24	32	25	36	36	33	12	38	33	41	34	39	30	30	31	....	26.4
Middletown[3]	Maximum	66	57	40	45	53	41	47	58	64	51	54	48	57	38	38	50	60	46	41	61	48	58	65	69	78	69	57	65	69	72	....	55.5
	Minimum	40	32	28	27	33	27	26	35	31	33	30	32	36	30	28	26	41	28	37	38	42	30	34	40	42	47	40	41	41	48	....	35.2
Midland	Maximum	74	60	40	46	54	42	42	60	68	65	53	58	45	37	37	51	52	60	50	54	54	60	69	72	73	71	76	76	64	68	....	57.7
	Minimum	47	33	24	23	37	28	24	32	33	36	25	38	33	25	21	25	35	30	40	40	37	37	33	43	41	46	45	42	34	49	....	34.5
Montrose[2]	Maximum	53	53	25	40	42	23	39	39	50	35	41	42	42	31	32	39	43	57	37	55	41	55	63	67	65	56	52	52	56	56	....	46.0
	Minimum	35	35	17	16	19	11	10	14	28	29	20	22	29	18	14	14	13	23	23	32	32	33	35	37	42	40	31	35	35	35	....	25.9
Mt. Lebanon	Maximum	64	62	42	45	51	42	42	61	68	63	55	59	42	35	37	51	50	55	41	55	50	60	66	72	74	69	75	73	63	71	....	56.4
	Minimum	47	34	21	20	38	21	23	33	37	42	22	41	32	24	20	27	36	31	39	39	35	34	39	46	48	44	47	45	31	50	....	34.9
Mt. Pocono[5]	Maximum	61	52	25	40	40	25	42	41	49	36	42	40	46	29	28	36	51	51	35	58	39	48	62	65	70	58	51	56	54	58	....	46.2
	Minimum	31	25	19	17	22	14	14	27	30	23	21	23	25	18	14	12	29	26	31	32	32	31	31	35	41	34	31	26	35	39	....	26.7
New Castle	Maximum	79	64	40	40	51	40	41	60	69	69	57	57	41	33	36	50	50	57	60	55	53	62	70	70	72	71	77	77	64	68	....	57.8
	Minimum	48	34	22	20	38	21	18	28	35	29	20	35	33	24	20	26	33	22	38	39	36	30	29	38	40	38	40	48	30	48	....	32.0
Orangeville	Maximum	74	57	40	45	49	41	45	48	62	51	55	50	45	36	38	38	55	58	44	58	51	59	67	70	75	71	58	60	62	65	....	54.2
	Minimum	30	32	22	16	24	18	14	30	22	38	25	21	25	21	18	14	30	20	34	35	38	38	25	29	33	41	30	39	29	43	....	27.8
Palmerton[3]	Maximum	58	58	34	50	51	37	48	50	59	47	52	45	53	38	40	45	57	50	40	58	47	52	62	64	70	63	57	63	62	62	....	52.4
	Minimum	38	34	28	24	32	22	20	33	31	31	29	24	34	27	21	19	36	28	36	37	40	39	31	34	39	45	35	44	39	45	....	32.5
Philadelphia Airport Station[5]	Maximum	65	65	38	50	58	42	46	56	65	55	54	54	63	43	42	51	59	52	43	63	55	57	64	66	77	71	62	72	64	71	....	57.4
	Minimum	41	37	31	25	35	27	25	34	36	34	32	29	35	30	27	27	41	34	38	40	41	40	35	35	43	54	43	45	41	51	....	36.2
City Office[3]	Maximum	65	64	38	48	55	41	46	56	65	57	55	55	62	41	41	50	57	51	42	61	53	57	64	64	75	71	61	71	64	70	....	56.7
	Minimum	40	38	31	30	35	27	26	34	45	34	32	38	35	32	30	31	44	37	39	41	40	43	42	45	48	56	46	48	45	51	....	38.8
Franklin Institute[2]	Maximum	66	65	38	48	56	41	48	56	65	54	54	55	62	42	41	53	59	52	44	61	53	58	64	65	77	70	62	70	62	69	....	57.0
	Minimum	41	43	31	27	30	28	27	36	42	45	33	35	42	37	32	33	40	37	38	39	43	44	42	44	49	50	48	53	46	51	....	39.5
Shawmont	Maximum	72	64	54	47	55	54	47	54	65	65	54	53	62	61	41	50	60	60	52	62	61	55	65	66	77	76	70	68	65	70	....	60.2
	Minimum	40	37	31	21	35	27	25	32	32	42	30	28	34	31	27	23	46	31	37	39	41	32	33	34	41	56	40	53	40	56	....	35.7
Philipsburg[3-7 mi. E.	Maximum	59	49	35	41	43	33	38	48	61	45	51	44	38	27	30	44	44	42	34	54	37	56	61	68	71	64	66	63	59	68	....	49.2
	Minimum	30	20	16	18	20	15	11	26	25	20	17	32	22	19	13	13	24	20	32	32	32	33	25	34	32	36	38	33	30	33	....	25.0
Phoenixville	Maximum	78	73	71	71	72	72	54	60	71	69	59	61	68	68	47	58	61	64	56	69	69	64	71	73	82	83	78	79	74	75	....	68.3
	Minimum	40	39	44	27	27	26	42	30	28	38	28	23	31	31	21	20	42	28	38	38	42	42	29	31	36	55	34	42	33	35	....	34.0
Pittsburgh Arpt Sta.[5]	Maximum	63	53	38	52	52	39	43	59	67	51	55	60	42	31	35	50	50	52	40	56	46	60	67	71	72	65	74	62	62	68	....	54.5
	Minimum	48	26	21	23	30	23	23	36	41	30	24	40	31	23	20	27	35	30	38	40	37	37	40	44	50	46	45	39	36	37	....	34.0
Pittsburgh City Office[3]	Maximum	64	55	39	54	53	39	45	60	70	54	55	61	45	34	37	52	52	56	43	56	48	61	68	72	74	67	76	64	65	70	....	56.3
	Minimum	49	28	25	28	31	25	27	40	38	32	27	43	33	27	25	30	37	32	41	42	40	40	38	50	49	47	49	43	38	37	....	36.4
Port Clinton	Maximum	80	53	49	45	50	50	42	51	60	60	52	51	53	55	38	42	58	58	48	56	56	54	70	65	76	76	70	65	62	62	....	56.9
	Minimum	39	39	27	26	31	22	18	30	29	38	29	25	30	29	20	18	38	27	37	36	40	42	29	32	36	52	35	45	39	45	....	32.8
Pymatuning Dam[2]	Maximum	61	37	36	48	41	35	41	56	65	40	49	47	37	31	34	49	42	55	43	55	45	57	68	69	70	58	73	48	62	63	....	50.5
	Minimum	42	30	21	12	25	21	15	23	27	31	18	29	33	22	14	20	29	22	36	36	32	30	28	34	39	35	40	42	28	36	....	28.3
Quakertown	Maximum	67	61	47	48	54	46	45	52	61	59	51	50	59	57	39	45	56	56	47	60	58	65	65	66	75	72	64	67	63	68	....	57.4
	Minimum	36	30	27	19	31	21	20	30	35	37	27	20	31	28	19	16	35	28	35	35	38	39	27	28	35	50	34	46	35	44	....	31.2
Reading[3]	Maximum	60	60	39	48	54	40	46	55	65	52	55	47	60	40	41	51	60	50	42	63	52	57	67	70	78	72	58	66	65	72	....	56.2
	Minimum	40	35	30	29	33	25	25	33	37	34	31	35	35	30	28	29	40	34	37	39	43	41	37	41	48	52	44	46	41	46	....	36.7
Ridgway[2]	Maximum	63	47	35	42	48	35	44	50	65	43	56	43	42	35	33	46	45	54	43	57	42	60	67	71	70	62	70	50	60	63	....	51.4
	Minimum	36	29	16	13	19	15	8	11	28	28	12	12	29	22	14	13	26	17	18	34	33	34	25	26	31	33	31	41	27	30	....	23.7
Scranton[3]	Maximum	55	57	30	45	45	29	44	44	54	40	45	47	46	34	34	43	52	60	41	60	50	58	67	69	71	62	58	59	59	62	....	50.7
	Minimum	37	30	23	25	24	18	20	34	36	30	26	28	37	25	23	20	34	29	36	37	38	39	32	38	42	44	35	44	41	45	....	32.3
Selinsgrove	Maximum	81	57	44	45	52	47	44	50	62	63	55	47	47	38	39	38	57	45	45	59	60	60	65	70	76	74	67	60	63	64	....	55.8
	Minimum	38	35	25	28	28	21	17	29	26	31	24	25	31	29	22	10	32	24	36	36	31	37	28	35	36	48	33	47	31	45	....	30.6
Sharon	Maximum	82	66	39	52	54	42	41	56	71	71	59	58	43	35	34	49	47	59	59	51	50	62	74	75	75	73	72	72	68	67	....	58.5
	Minimum	50	28	24	24	34	23	22	35	33	32	23	41	32	25	22	30	33	27	41	41	38	36	33	43	46	41	46	40	34	40	....	33.9
Somerset	Maximum	71	51	37	42	49	39	45	58	67	61	52	55	42	31	31	45	44	44	40	57	44	58	62	67	72	65	70	70	63	68	....	53.8
	Minimum	36	32	19	17	36	19	15	33	25	40	17	26	30	20	19	9	37	23	34	34	33	35	25	32	32	45	34	47	28	45	....	29.2
Springs	Maximum	59	50	33	42	49	35	41	56	64	47	50	50	47	28	30	49	48	39	41	52	41	58	60	64	69	62	69	66	62	69	....	50.8
	Minimum	45	28	17	18	33	17	15	31	27	31	19	27	27	17	18	11	31	25	32	38	31	33	26	30	32	46	34	45	25	32	....	28.0
State College[3]	Maximum	62	51	38	37	44	36	43	51	63	48	56	47	44	33	35	45	47	48	38	59	41	58	65	70	78	67	63	63	64	69	....	51.9
	Minimum	43	29	20	23	27	19	22	32	35	28	23	37	28	25	21	25	32	27	35	35	33	38	34	43	47	44	40	39	35	38	....	31.9
Stroudsburg	Maximum	63	61	54	50	50	49	49	49	60	61	55	53	56	56	40	40	60	60	56	64	63	56	67	69	77	75	69	66	66	65	....	58.6
	Minimum	38	31	27	20	32	21	17	32	30	38	27	20	28	28	18	17	36	26	37	36	33	39	28	31	36	47	32	44	34	45	....	30.9
Towanda	Maximum	73	56	35	46	47	32	43	46	57	45	48	48	47	36	37	37	50	56	52	60	55	61	69	72	68	64	56	56	61	61	....	52.5
	Minimum	40	34	22	21	32	17	17	30	33	32	24	23	31	21	21	17	32	21	36	36	39	38	25	35	33	43	29	41	39	46	....	30.4
Uniontown	Maximum	73	53	42	46	54	46	48	64	69	64	54	66	45	35	38	55	51	50	43	61	48	60	70	72	76	71	76	75	65	73	....	58.1
	Minimum	50	39	24	19	40	25	25	38	33	45	24	37	33	24	23	27	40	32	40	41	36	40	32	42	43	51	47	52	31	55	....	36.3
Vandergrift [3]	Maximum	66	55	43	49	54	43	46	63	70	57	57	59	45	35	39	51	55	58	62	59	50	65	70	74	76	68	76	71	67	70	....	58.4
	Minimum	49	30	24	20	35	25	19	30	29	33	22	33	33	25	23	26	34	30	39	40	40	40	31	42	41	47	43	43	31	43	....	33.3
Warren	Maximum	68	45	28	38	42	35	42	49	62	48	53	45	35	31	32	45	46	55	47	58	48	61	69	70	65	59	72	....	....	....	....	49.9[c]
	Minimum	45	27	16	17	29	16	12	29	30	28	17	29	29	21	16	16	27	20	36	35	33	34	25	34	35	34	32	40	34	40	....	27.9
Waynesburg	Maximum	75	59	43	44	55	48	45	65	70	62	57	63	44	36	37	55	53	51	44	55	50	60	72	72	72	70	75	73	68	70	....	58.1
	Minimum	49	36	20	17	39	22	21	35	30	42	22	32	32	22	23	23	38	27	39	40	36	36	30	40	40	47	39	51	29	52	....	33.6
Wellsboro[2]	Maximum	59	52	34	43	43	31	45	44	57	42	48	44	39	34	34	45	48	54	38	55	43	58	68	68	67	62	54	51	62	59	....	49.4
	Minimum	45	28	19	16	18	15	10	12	25	25	19	22	30	23	16	15	22	18	22	33	34	35	25	28	32	35	28	28	33	37	....	24.9
West Chester	Maximum	72	62	43	48	56	47	46	54	64	62	54	53	62	57	41	50	58	57	48	63	54	56	65	66	77	71	67	69	64	70	....	58.5
	Minimum	38	41	28	24	37	25	22	32	36	41	29	32	34	29	24	24	42	32	36	38	41	41	35	36	42	56	42	52	37	47	....	35.8
Wilkes-Barre[5]	Maximum	56	56	31	45	46	33	45	45	57	43	48	47	46	36	37	41	56	61	41	60	47	60	67	69	73	62	57	59	60	63	....	51.6
	Minimum	34	30	24	22	28	20	22	35	34	31	27	27	30	23	23	21	30	28	36	37	40	33	30	36	40	38	35	44	42	43	....	31.4
Williamsport	Maximum	79	57	42	48	49	41	44	50	64	62	55	45	45	37	42	36	57	55	46	56	55	62	67	71	76	69	66	67	65	64	....	55.7
	Minimum	40	36	25	23	31	20	17	33	30	38	25	31	30	33	21	20	33	26	37	37	39	39	29	39	38	46	35	45	35	45	....	32.5
Woodward[5-2 mi. NE.	Maximum	54	46	32	36	38	30	40	44	59	41	49	39	36	27	31	40	45	45	32	55	35	53	61	66	68	62	54	55	59	65	....	46.6
	Minimum	43	20	18	19	19	14	16	25	35	22	19	32	22	17	17	20	28	25	31	32	30	33	41	40	49	38	36	33	31	33	....	27.9
York	Maximum	80	60	49	47	57	54	50	62	67	68	57	58	60	50	41	54	63	63	46	65	64	60	68	70	78	75	73	68	66	74	....	61.6
	Minimum	41	38	28	24	33	27	22	28	31	42	27	32	32	30	27	23	39	29	37	38	37	36	31	34	42	56	37	53	31	49	....	34.5

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

Daily Evaporation(inches) and Wind Movement(miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Pymatuning Dam.. (a. m.)	Evaporation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Wind movement	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Shaver Creek..... (p. m.)	Evaporation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....	....	....	....	....	....	....	....	....	.096	.144	.150	.120	....	.....
	Wind movement	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	40	115	64	45	....	.....
Wallenpaupack.. .. (a. m.)	Evaporation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind movement	....	....	....	....	....	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	..	....	....	....	....	....	....	....	....	....	....	.....

ERRATA.

September, 1942.—Page 58, Marcus Hook, number of days with 0.01 inch or more of precipitation should be 6; Towanda, precipitation departure should be +2.91 inches; Pittsburgh Airport, precipitation departure should be +0.82 inch; York, mean temperature should be 67.4°, departure should be +1.1°. Page 59, Philadelphia, Franklin Institute, precipitation on 28th should 0.80 inch. Page 63, Sharon, minimum on 22d should be 39°, mean minimum should be 54.9°; Wallenpaupack Dam, wind movement on 10th should be 32 miles; York, maximum on the 18th should be 85°, mean maximum should be 80.3°.

October, 1942.—Page 65, Bethlehem, maximum should be 82°. Page 66, Canton, precipitation on 5th should be 0.22 inch and on 17th, 1.01 inches; Philadelphia, Shawmont, precipitation on the 27th should be 0.02 inch. Page 70, Daily Evaporation and Wind Table, Pymatuning Dam, evaporation on the 11th should be .105 inch.

December, 1942.—Page 81, Glen Rock, amount on the 30th should be 2.74 inches, total precipitation should be 4.22 inches.

Annual, 1942.—Page 86, Bedford, days with 0.01 inch or more of precipitation should be 111. Page 87, York, mean temperature for September should be 67.4°, departure for September should be +1.1°. Page 90, Laurel Hill Summit, total precipitation for the year should be 56.69 inches.

February, 1943.—Page 14, Port Clinton, maximum temperature on the 7th should be 36°.

1.05
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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. MAY, 1943. No. 5.

GENERAL SUMMARY.

Although temperatures averaged only slightly above normal, the contrast with April's abnormally cold weather was a pleasant one. The accumulated average daily deficiency for the year was reduced to 0.8°, but the average daily temperature for the year is 2.0° below that obtained for the comparable period in 1942. Highest temperatures occurred in the early part of the month, reaching 90° at relatively few stations. Minima of 32° or lower were reported at all but a few stations, most of which were in the extreme southeast portion. The extreme minimum was the lowest May temperature since 1931.

Frequent precipitation produced the highest May average since 1908. The average exceeded by 0.20 inch that of May, 1942. The average number of days on which measurable amounts of rain fell equaled the May record, which was established in 1933. At many stations, particularly in the west portion, measurable precipitation was reported on 20 days, Uniontown obtaining measurements on 24 days. The accumulated excess for the year is now 0.37 inch.

Heavy rain caused flooding of low-lying areas, and resulted in damage to farms, highways, and gardens. Near Scranton, on the 18th, two temporary bridges were washed out by rain-swollen streams. In the Johnsonburg area, heavy rains on the night of the 25th, caused streams to rise suddenly. Over 100 feet of roadbed of the Pennsylvania Railroad were washed out and a freight train was derailed. Many families were driven from their homes.

Thunderstorms were frequent, most general being those of May 18-20th. Lightning killed three men and started fires which resulted in property damage of at least $25,000. High winds caused many power interruptions as trees and branches were blown down, breaking the lines. Four additional deaths and two injuries were attributed to accidents caused by storm damage.

Snow was reported by many stations on the 1st, but amounts were measurable only at South Mountain and at Springs, where 0.1 inch and 0.3 inch respectively, were reported.

TEMPERATURE.

The mean temperature for the State, as determined from the reports of 75 stations, was 60.4°, which is 0.7° above the 56-year normal for April. The highest monthly mean was 65.7° at Marcus Hook, and the lowest was 53.2° at Kane. Extremes ranged from a maximum of 93° at Marcus Hook, on the 7th, to a minimum of 19° at Butler, on the 1st and 2d.

PRECIPITATION.

The average precipitation for the State, as determined from the observations at 198 stations, was 6.08 inches, which is 2.19 inches above the 56-year normal for May. The greatest monthly amount was 10.34 inches at Gratersford, and the least was 3.59 inches at Woodward. The greatest 24-hour amount was 3.23 inches at Gratersford on the 26th.

ERRATA

November, 1942.—Page 72, Burnt Cabins, number of cloudy days should be 13. Page 73, Freeland, precipitation entry on 1st should be "*". Page 75, Mt. Lebanon, precipitation total should be 2.88 inches. Page 76, Freeland, minimum temperature on 13th should be 25°; Indiana, minimum temperature on the 26th should be 29°. Page 77, Phoenixville, minimum temperature on the 1st should be 53°.

December, 1942.—Page 79, Uniontown, maximum should be 59°. Page 80, Williamsport, precipitation on the 6th should be 0.02 inch.

March, 1943.—Page 20, Coudersport, minimum temperature on the 5th should be 20°.

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		No. of days			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	57.3	91	24	4.24	T.	16	4	11	16
1889	60.4	96	25	5.91	0	11	11	9	11
1890	58.5	89	23	6.71	0	15	7	11	13
1891	57.3	93	20	2.12	0.2	8	10	10	11
1892	58.5	91	28	5.70	0	16	7	10	14
1893	57.9	93	26	5.54	0	12	11	8	12
1894	60.8	92	27	8.88	0	16	9	8	14
1895	60.6	102	22	2.68	0	9	13	10	8
1896	65.4	98	31	2.85	0	10	10	12	9
1897	57.7	88	25	5.24	T.	12	11	10	10
1898	60.0	94	22	5.11	0	15	8	9	14
1899	61.1	100	24	3.82	0	11	10	11	10
1900	60.4	96	20	2.79	T	9	13	9	9
1901	58.9	91	28	5.56	0	15	8	9	14
1902	59.8	95	25	1.96	0	8	13	11	7
1903	61.8	94	18	1.67	0	7	16	9	6
1904	61.6	94	21	3.78	0	11	12	10	9
1905	60.8	93	22	2.59	0	12	11	9	11
1906	60.0	99	23	3.23	0	10	12	10	9
1907	54.8	91	19	3.08	0.1	11	11	9	11
1908	61.2	96	22	6.28	0.3	15	10	10	11
1909	59.2	92	23	2.90	0.1	10	12	16	9
1910	56.8	88	24	3.38	0	12	11	10	10
1911	65.2	99	20	1.97	0	7	17	10	4
1912	61.2	91	28	3.15	0	11	14	8	9
1913	58.5	93	21	3.86	0	10	13	8	10
1914	61.5	96	19	3.34	0	9	16	9	6
1915	56.2	84	21	4.16	0	14	10	8	13
	61.0	93	26	3.19	T.	13	12	11	8
1916	53.3	90	20	3.39	T.	13	9	10	12
1917	65.1	95	21	5.04	0	14	13	12	6
1918	59.5	98	27	5.80	0	14	13	7	11
1919	56.6	92	18	2.02	0	8	17	8	6
1920	59.8	93	22	3.93	0	11	14	8	9
1921	62.5	96	20	3.21	0	10	15	8	8
1922	58.3	93	20	3.50	0.6	8	19	6	6
1923	54.6	92	18	5.71	0	17	9	9	13
1924	55.2	98	22	3.49	0.2	11	13	10	8
1925	58.8	95	18	1.78	0	8	17	10	4
1926	58.2	92	23	4.14	0	16	9	9	13
1927	58.0	95	20	2.23	0	10	15	9	7
1928	58.5	97	23	4.81	T.	14	13	9	9
1929	61.2	99	25	3.03	0	10	15	8	8
1930	59.8	98	19	5.28	T	15	13	9	9
1931	59.8	98	21	3.69	0	10	15	8	8
1932	62.2	94	24	5.86	0	18	8	10	13
1933	62.2	98	22	2.51	0	8	18	8	5
1934	56.0	92	21	3.00	0	10	13	8	10
1935	62.8	96	24	2.09	0	7	19	8	4
1936	60.7	96	24	3.39	0	11	14	10	7
1937	58.8	93	20	3.85	0	13	11	9	11
1938	62.8	99	20	1.58	T.	7	16	10	5
1939	59.2	98	22	4.46	T.	16	9	9	13
1940	61.3	102	21	2.25	T.	9	15	9	7
1941	62.5	99	22	5.88	0	12	10	10	11
1942	62.5	99	22	5.84	0	12	10	10	11
1943	60.4	93	19	6.08	T.	18	6	11	14
Period	59.7	102	18	3.89	T	12	12	9	10

Climatological Data for May, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	61.6	+0.9	90	8	34	2	4.18	+0.78	1.01	18-19	0	18	8	13	10	ne.	Allent'n-Bethlehem Gas Co.
Altoona-5 mi. W.	Blair	1,615	56	60.4	+1.6	86	6†	31	1	5.65	+1.63	1.82	11-12	6	17	11	15	5	w.	City of Altoona.
Bedford	Bedford	1,120	11	63.0	+1.6	88	17†	26	2	5.42‖	+1.85	1.98	11-12	0	17	8	5	18	nw.	Charles C. Lee.
Bethlehem	Northampton	364	57	63.0	+0.5	90	8	38	1†	4.21	+1.09	1.45	25-26	0	16	16	2	13	sw.	Lehigh University.
Burnt Cabins-2 mi. E.	Huntingdon	990	2	61.4	.....	90	6	25	2	4.68	.....	0.74	10	0	18	8	9	14	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	74	64.0	+2.2	91	8	32	2	5.25	+1.87	1.02	25	T.	15	11	7	13	sw.	Clarence E. Miller.
Chambersburg	Franklin	600	46	64.0	+2.7	90	8	32	2	6.43	+3.04	1.71	19	0	13	3	20	8	sw.	William B Spear.
Coatesville	Chester	151	56	63.5	+2.2	87	7†	34	2	5.30	+1.71	1.39	25-26	0	14	2	12	17	nw.	Howard L. Pyle.
Curwensville-6 mi. NW	Clearfield	2,215	1	55.8	.....	84	6	25	1	8.55	.....	1.80	11	.....	21	.....	.....	.....	.....	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	2	55.6	.....	82	17†	26	2	5.42	.....	1.47	25-26	0	17	8	11	12	ne.	Carl E. Bigger.
Emporium	Cameron	1,033	57	57.4	−0.5	88	6	24	2	6.25	+2.06	1.70	25-26	T.	21	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	46	63.6	+1.7	90	8	33	2	4.06	+1.02	0.82	26	0	13	6	8	17	s.	Ira J. Keath.
Freeland	Luzerne	1,970	50	57.9	+1.3	82	6	28	1	5.84	+2.00	1.03	25-26	0	18	3	1	27	nw.	Andrew B. Evansha.
George School	Bucks	184	37	63.0*	+1.7	89a	7	33*	5	5.84‖	+2.47	2.24	11-12	0	15	11	8	12	s.	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	65.0	+3.2	89	8	33	2	7.27	+3.58	3.00	20-21	0	14	12	12	7	s.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	60.2	+2.0	85	6†	23	2	6.16	+2.24	1.30	11-12	0	13	12	6	13	ne.	Miss Sallie M. Johnson.
Hanover	York	600	39	63.9	+0.7	90	18	34	2	6.37	+3.00	2.45	20-21	0	14	11	1	19	s.	Evening Sun.
Harrisburg Airport	York	351	74	63.6	+1.8	90	6	36	2	6.24	+2.80	2.61	18-19	0	18	3	12	16	sc.	U. S. Weather Bureau
Hawley	Wayne	940	25	58.2	+1.1	86	8	25	2	6.02	+2.50	1.03	25-26	T.	19	10	11	10	w	Mrs. Della M. Pennell.
Holtwood	Lancaster	240	28	64.0	+1.1	86	8	39	2	4.29	+1.52	1.36	25-26	0	19	12	5	14	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	56	61.0	+0.6	90	6†	25	2	5.70	+1.95	1.02	11-12	0	19	6	10	15	w	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	64.2	+3.0	92	8	28	2	6.46	+3.51	2.62	19-20	0	14	17	8	6	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	59.0	+1.6	88	6	28	2	5.94	+2.14	1.08	11-12	0	11	5	15	9	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	61.6b	+0.5	90a	8	32	2	6.45	+3.19	1.31	18-19	0	16	15	11	5	sw.	Lebanon Valley Gas Co.
Lewistown	Mifflin	467	5	64.7	.....	90	6†	34	2	5.27	.....	0.80	10-11	0	16	5	4	22	.....	Penna. Edison Co.
Lock Haven	Clinton	557	53	60.3	−1.5	90	6	29	2	5.23	+1.18	0.69	17-18	T.	19	11	11	9	w	William R. Kelley.
Marcus Hook	Delaware	12	17	65.7	−0.5	93	7	42	2	4.94	+1.82	1.14	20-21	0	14	19	3	9	se.	Sun Oil Co.
Martinsburg	Blair	1,493	1	59.8	.....	87	6	30	2	4.85	.....	1.40	11-12	.....	20	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose	Susquehanna	1,176	38	55.0	0.0	82	6	25	2	8.06	+1.23	1.35	25-26	T.	21	6	10	15	s	Harry S. Fancher.
Mt. Pocono Airport	Monroe	1,914	2	55.2	.....	82	8†	27	2	5.52	.....	1.54	12-13	T.	15	1	14	16	nw.	U. S. Weather Bureau.
Orangeville‡‡	Columbia	610	5	59.6	.....	86	8	23	2	4.64	.....	1.06	18-19	0	16	7	12	12	w	Benjamin F. Conner.
Palmerton	Carbon	455	25	60.4	+0.8	90	8	30	2	5.10	+1.68	1.55	18-19	T.	15	5	11	12	s.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	2	64.3	+1.2	89	8	37	2	5.63	+2.37	1.59	11-12	0	13	2	13	16	sw.	U. S. Weather Bureau.
Philipsburg‡-7 miles E.	Centre	1,916	1	56.8	.....	84	6	27	1	5.37	.....	1.23	11-12	0	19	2	11	18	w.	U. S. Weather Bureau.
Phoenixville	Chester	100	33	.....	.....	.....	.....	32*	5	7.46	+3.70	2.33	19-20	0	15	15	6	10	w.	Phila.-Suburban Water Co.
Port Clinton	Schuylkill	407	5	62.0	+0.9	88	9	28	2	6.75	+2.61	1.59	19-20	0	13	.....	.....	.....	s.	Earl E. Rarick.
Quakertown	Bucks	480	58	60.8	+1.2	88	8	30	2	7.35	+3.99	2.74	19-20	0	15	9	12	10	w.	John E. Benner.
Reading	Berks	273	73	63.5	+1.5	89	8	40	2	4.36	+0.69	1.40	18-19	0	16	3	12	16	nw	U. S. Weather Bureau.
Scranton	Lackawanna	746	49	60.2	+0.8	86	8	32	1	4.25	+0.98	0.98	26	0	17	2	13	16	sw	U. S. Weather Bureau.
Selinsgrove	Snyder	476	53	61.6	+0.9	86	7†	29	2	5.87	+2.17	1.18	19-20	T.	14	3	22	6	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	60.6	+1.7	86	17	31	1	3.67	−0.22	0.62	10	T.	18	3	15	13	w.	Penna. State College.
Stroudsburg	Monroe	440	29	62.4	+3.6	90	8†	30	2†‡	5.01	+1.68	1.22	25-26	0	18	5	10	16	w	Metropolitan Edison Co.
Towanda	Bradford	754	49	59.2	+1.7	86	6†	28	2	5.78	+2.42	0.92	25-26	T.	17	3	11	17	e	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	73	55.4	−1.0	84	17	27	2	4.87	−1.47	0.89	19-20	T.	18	5	12	14	s.	M. S. Bliss.
West Chester	Chester	440	94	63.3	+2.4	88	8	33	2	7.66	+3.78	3.07	12	0	15	11	7	13	sw.	Clyde T. Saylor.
Wilkes-Barre	Luzerne	544	5	60.7	.....	88	8	31	5	5.99	+2.84	1.29	19-20	T.	17	2	12	17	s.	U. S. Communication Sta.
Williamsport	Lycoming	550	57	62.2	+1.7	90	6	31	2	5.35	+1.52	1.51	25-26	0	20	7	17	7	w.	John D. McEwen.
Woodward-2mi. NE.	Centre	2,208	2	56.6	.....	85	6	29	1	3.59	.....	0.67	25-26	.....	18	.....	.....	.....	.....	U. S. Weather Bureau.
York	York	400	55	65.2	+3.7	91	18	29	2	5.15	+2.13	1.68	19-20	0	15	10	13	8	s.	York Water Co.
Division mean				61.0	+1.3	93	7	23	2	5.62	+1.73	3.23	26	T.	16	8	10	13	w.	
Ohio Drainage																				
Bradford	McKean	1,680	2	56.4	.....	83	6	26	1†	7.14	+4.24	1.45	25	0	18	2	6	23	w.	City Water Dept.
Brookville	Jefferson	1,400	53	57.0	+1.5	85	6	26	2	6.93	+3.51	1.35	25	.....	22	.....	.....	.....	.....	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	60.6	+1.1	87	7	19	1†	5.06	+2.03	0.79	25-26	0	18	8	20	3	w.	Butler Eagle.
Claysville	Washington	1,170	38	59.8	−1.0	85	6	26	2	5.98	+2.39	1.12	25	0	17	3	15	13	nw.	Walter B. Paget.
Coudersport	Potter	1,653	16	55.7	−0.8	84	6	24	2	7.77	+3.43	1.91	25-26	T.	20	5	6	20	sw.	Philip R. Shaw.
Derry	Westmoreland	1,150	46	62.6	+1.8	87	6	31	5	9.30	+5.66	1.40	17-18	0	20	8	15	8	w	Miss N. Dixie Wineman.
Donora	Washington	761	17	63.8	+1.1	89	6	33	2	6.94	+3.85	1.16	25	T.	17	2	10	19	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	56.4	0.0	84	6	28	1†	8.57	+4.23	2.40	11-12	T.	21	6	12	13	w.	Miss. Emma H. Eastman.
Franklin	Venango	987	69	57.3	−0.3	85	6	30	2	4.75	+0.87	0.99	8-9	0	18	5	7	19	s.	William K. Fuller.
Greensburg	Westmoreland	1,160	34	62.1	+1.6	86	6	30	2	6.63	+2.85	1.09	11-12	0	18	2	18	11	w.	Westmoreland Water Co.
Indiana	Indiana	1,390	42	60.2	+0.6	85	6	28	2	7.67	+3.56	2.65	11-12	0	19	3	9	19	w.	Indiana State Teachers Col.
Johnstown	Cambria	1,650	61	60.0	−1.0	85	6†	28	2	7.96	+3.87	2.23	11-12	0	23	7	13	11	w.	Robert Tross.
Kane	McKean	1,938	10	53.2	−2.3	80	6	22	2	8.03	+4.22	2.04	25	T.	21	3	14	14	sw	U. S. Weather Bureau.
Meadville	Crawford	1,065	49	56.4	−0.5	84	6	29	2	5.00	+0.89	0.68	8-9	T.	20	2	8	21	sw.	City of Meadville.
Midland	Beaver	780	6	61.6	.....	87	6	30	2	5.40	.....	0.87	10-11	0	20	1	17	13	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	61.2	+1.6	86	6†	33	14	3.93	+0.36	0.65	24-25	0	20	3	20	8	w	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	61.1	−0.1	86	6	32	1	5.63	+2.42	1.01	25	T.	20	2	9	20	s.	U. S. Weather Bureau.
Pymatuning Dam	Crawford	1,050	2	56.4	.....	83	6	29	2†	4.71	.....	0.77	20-21	.....	21	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1,371	36	55.7	0.0	85	6	23	2	7.86	+4.30	2.08	25-26	T.	21	4	13	14	s.	West Penn Power Co.
Sharon	Mercer	940	30	62.0*	+2.3	88a	6†	35*	2	4.63	+1.44	0.64	21	0	16	9	9	13	sw	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,190	76	58.7	+2.1	82	17†	23	2	6.84	+2.46	1.73	30-31	0	19	1	12	18	sw.	D. L. Grove.
Springs	Somerset	2,500	26	56.3	+1.0	80	17	21	2	5.28	+1.33	1.08	11	0.3	23	4	1	26	w.	Allen E. Yoder.
Uniontown	Fayette	1,060	55	63.6	+1.6	88	6	28	2	8.05	+4.42	0.80	18-19	0	24	3	22	6	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	29	62.6	+1.8	89	6	30	2	6.90	+3.64	1.92	25	0	19	5	7	19	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	54	60.0*	+3.5	80b	18	30	1	9.93	+5.91	2.40	21	0	18	7	14	10	se.	Merrill L. Jordan.
Waynesburg	Greene	1,100	12	62.0	+0.1	86	6	27	2	6.89	+2.80	1.15	30-31	0	17	2	16	13	w.	Thomas S Knox.
Division mean				59.3	−0.4	89	6†	19	1†	6.68	+2.79	3.04	25-26	T.	20	4	12	15	w.	
Lake Drainage																				
Erie	Erie	670	70	55.6	−1.2	83	6	32	1	6.41	+3.01	1.81	19-20	0	19	4	7	20	w.	U. S. Weather Bureau.
State mean				60.4	+0.7	93	7	19	1†	6.08	+2.19	3.23	26	T.	18	6	11	14	w.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. * Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, a, b, c, etc., indicate, respectively, 1, 2, 3, etc., missing from the record.

Figures and letters following station indicate distance and direction from the city and replace the previous designation 'near'. Locations not appearing here are shown in the Daily Precipitation Table.

‡ Philipsburg is Black Moshannon Airport. ‡‡ Formerly Bloomsburg [near]

W. B. O., Philadelphia-8-20-43-975

Daily Precipitation for May, 1943

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																
Delaware Basin																																
UPPER DELAWARE																																
Dingmans Ferry[2]	Pike	.23		.16	.11					.25	.05	.12	.14	.29				T.	.04	.36	.67	T.	.54			.36	.75						1.07
Hawley[2]	Wayne	.25	T.	.20	T.	T.		.04		.07	.50	.31	.29	.56	.04			T.	.46	.84	.29	.13	.48	.05			.52	.51	.16	.32			6.02
Hollisterville[2]	Wayne	.27	.06	.01				.03		.07	.42	.27	.09	.87	.06		.01	.03	.19	.79	.34	.07	.59	.04		T.	.44	.35	.02	.08		.02	5.12
Lakeville[2]	Wayne	.17	.10	.20				.03		.11	.48	.25	.21	.53	.05			.03	.40	.45	.28	.15	.50	.65		T.	.44	1.15	.18	.05			5.81
Matamoras[2]	Pike	.24		.25	.12					.32	.08	.16	.17	.33					.78	.75	.40		.39				.19	1.23	.06	.07			5.54
Mount Pocono[1, 5]	Monroe	T.	.02	.24	T.		T.	T.	T		.05	.30	1.54	.02			.09	.19	.18	.45	.65	.31	.08			.01	1.39		T.		T		5.52
Pleasant Mount†	Wayne		.15	.12			.14	.24	.27		1.09	.02	.16					.21	.44	.78	.30	1.30	.13			.09	1.08						6.82
Stroudsburg	Monroe	.01		.09					.01	.14	.11	.25	.55	.02			.05	.01	.09	.66	1.07	.22	.01			.03	1.22		.47				5.01
Tanners Falls†	Wayne		.09	.21					.20		.73	.08	1.13					.17	.67	.52	.13	1.43	.01			.05	.80						6.22
LEHIGH																																
Allentown[2]	Lehigh	.23		.03	.05				T.	.19	T.	.34	.10	.31	.05	T.		.03		1.01	.61	.10	.13	.03			.58	.27		.04		.05	4.18
Bethlehem†	Northampton			.06					.36		.35	.06	.41				.05	T	.51	.56	.16	.15	.01	.01		.17	1.28		.03		.05	T.	4.21
Blakeslee Corner†	Monroe			.17					.17		.30	.06	.79					.44	.57	.57		.20				.45	.85		.66		.01		5.24
Gouldsboro[2]	Wayne	.16		.21				.15	.04	.20	.15	.19	.33	.50	.03				.37	1.15	.87	.05	.45	.07		.05	.61	.44	.11	.06			6.19
Lansford[2]	Carbon	.36	T.	.12					.03		.30	.58	.23	.53				.30	.11	1.23	1.86	.17	.15			.20	1.45	.21	.17			.16	8.16
Mauch Chunk	Carbon			.11					.01	.33	.09	.55	1.25	.01	.05		.07	T.	.18	1.02	1.43	.21	.11			*	1.79		.12		.09	T.	7.42
New Tripoli	Lehigh			.06				T.	.21		.14	.44	.67		.02		.11		.22	.69	.70	.38	.01			.06	.93		.03		.11	.13	4.91
Palmerton†	Carbon	T.		.05					.17		.76	.02	.46		T.		.08	.04	.73	1.17	.04	.11				.31	.95		.14		.07	T.	5.10
Zionsville	Lehigh			.04						.18	.03	.34	.61	.10		.07	.01			1.13	1.93	.21	.03				1.65		.13		.03	.15	6.64
SCHUYLKILL																																
Conshohocken	Montgomery			.47						T.		.81	.55	.27	.09						2.63	1.10					.81		.09		.68	.58	8.03
Fredericksville[2]	Berks			.04	T.			T.	T.	.13		.34	.20	.37	.08			.02	.01	.93	1.15		.03	T.			.95	.25		.02		.18	4.70
Freeland[2]	Luzerne	.06		.28				T.	.07	.08	.04	.46	.22	.86				T	.50	.62	.95	.07	.16			.05	1.03	.16		.07		.16	5.84
Gratersford[2]	Montgomery	.22		.12						.24		.62	.31	1.88	.40		T.			.32	1.84	.20	16	.18			1.92	1.31				.62	10.34
Phoenixville[2]	Chester			.19						.05		.37	.38	1.14	.33		T.	.03		.06	2.27	.42	.18				1.11	.49		.12		.32	7.46
Port Clinton	Schuylkill			.20						*	18	.52	.98				.08			1.09	1.59	.40				1.10		.17		.32	.12	6.75
Pottstown[2]	Montgomery	.15		.09	.02					.15		.52	.19	.37	.23		T.	.05		.14	1.41	.22	.12				1.18	.46		.59		.37	6.26
Pottsville[2]	Schuylkill	.17		.08					.07	.30	.17	.62	.35	.85	.08			T	.85	.80	.39	.17	.04			.04	1.00	.09		.36		.38	6.81
Reading†	Berks		.08	.04				T.	T		.29	.05	.81	T.	.07	T	.04	T.	.71	.75	.33	.06				.04	.71		.22		.11	.10	4.36
Wernersville	Berks			.08					.03		T.	.30	.54		.05		.10		T.	1.06	.92	.32				.07	.92		.22	.01	.21	T.	4.82
LOWER DELAWARE																																
Coatesville[6]	Chester			.01					.04			.15	1.25		.33		.02			.15	1.01	.69				.18	1.21		.10		.15	.01	5.30
Doylestown	Bucks			.09						.08	T.	.11	1.84	.01	.28						.96	.23	.03			.01	1.66		.02		.07	.10	5.49
George School	Bucks			.10				T.		T.	T.	.15	2.24	.13	.21	T.	.03			.07	1.35	.22	.04			.03	1.08	T.	.05	T.	.04	.09	5.83
Marcus Hook[2]	Delaware	.11		.15					.11		T	.27	.87	.09	.05	T.				T.	.05	1.09	.05				1.07	.03		.80	T.	.20	4.94
Philadelphia Airport Station†	Philadelphia		.05	.11				T.	.09	T.	T.	.04	1.58	.05	.26		T.			.87	.64	.77	T.			T.	.83		.18		.16	T	5.63
City Office†	Philadelphia		.05	.05				T.	T.		T.	.05	1.69	T	.37	T.				1.47	.52	.62	T.			T.	.99		.05		.12	.02	6.00
Franklin Inst.[2]	Philadelphia	.02		.15					.05	.02		.01	.44	1.18	.34	.05					2.13	.65	.07				.93	.32		.05		.18	6.59
Shawmont	Philadelphia			.12						.07		.05	1.51	.76	.38		.02			T.	1.84	.64	.07			T.	2.25	T.	.20	.03	.10	.11	8.15
Quakertown	Bucks			T.					.23	.06	T	.18	.89		.10			.04		.56	2.74	.24		.01		05	2.03		.05		.04	.13	7.35
West Chester	Chester			.16					.01	.07		.06	3.07		.58			.05		T.	.85	.82				.04	1.46		.08	.14	.20	.07	7.66
West Grove[2]	Chester	.03		.14						.07		.03	.69	2.00	.25	T.		.07	T.		.48	.94	.45				1.23	.02		.05		.14	6.59
Susquehanna Basin																																
CHEMUNG																																
Austinburg†	Tioga		.11		.05		.08	.22	.87		.59	.36	.41			.02		.16	.03	.31	.16	.57				.35	.21					.12	4.62
Centerville[2]	Bradford	.25		.06				.21	.62	.40	.62	.35	.56	.30			.10		.57	.19	.38	.82	.75				.67	.05		.22			7.12
Covington[2]	Tioga			.05				.08	.36	.54	.61	.73	.91	.71	T.		.19		.29	.40	1.05	.69					1.08	.14		T.		T.	7.83
Lawrenceville	Tioga			.05				.68	.88		.54	.23	1.08				T.	.40	.39	T	.44	.75					.50		T.				5.94
NORTH BRANCH																																
Canton[2]	Bradford	.17		.11				.14	.30	.43	.44	.38	.47	.30	.01			.06	.10	.69	.39	.56	.22				.60	.11		.17		03	5.68
Danville[2]	Montour	.25		.16	T.				.04	.09		.65	.21	.25	.04				.61	1.31	1.47	.18	.11			T	.64	.49		.14		57	7.21
Kellogg Mt Tower[2]	Bradford	.15		.06				.15	.19	.52	.29	.34	.27	.07	T		T		.16	.81	.18	.11	.53	T.			.52	.45		.05		T.	4.85
Millville†	Columbia							.05	.11		.51	.19	.42					.08	.71	.71		.37				1.30		.10		.16		§
Montrose[2]	Susquehanna	.34	T.	.22	.05	.01		.14	.49	.34	.54	.82	.26	.37	T.			.01	.13	.06	.57	.07	1.32	.01			.47	.88		.06			8.06
Orangeville[2]	Columbia	.16		.19					T.		.02	.45	.43	.12	.09				.24	1.06	.61	.22	.03				.52	.24		.11		.15	4.64
Orwell[2]	Bradford	.28		.12	.01			.19	.50	.74	.56	.52	.31	.17				.09	.42	1.06	.82	.58	.90				.74	.34		.06			8.41
Pikes Creek†	Luzerne		.02	.30					.08		.42	.14	.31	.11	.03			.14	.95	.56		.45			.22		.84	.01	.08				4.66
Rush[2]	Susquehanna	.52		.47	.15	T.		.10	.25	.30	.10	.15	.08	.16			T.		.22	.64	.23	.58	.64				1.05	.30		.15			6.09
Scranton†	Lackawanna	T.	.02	10	T.		.06	T.	.11		.44	.04	.55	.03			T	.04	.49	.54	.01	.71	.01				.98	.01	.11		T.		4.25
Susquehanna[2]	Susquehanna	.31		.13	.02			.19	.34	.21	.54	.52	.15	.37	T.				.34	.32	.61	.32	1.09				.45	.88		.04			6.83
Towanda	Bradford	T		.07	T.		.04	.78	.53	T	.84	.05	.38		T.		.05	.08	.36	.28	.01	.81	.44			T	.92		.09	.05	T.		5.78
Tunkhannock†	Wyoming		.05				.08		.25		.49	.35						.16	.52	.43		.75				.07	1.01	.02	.19				4.37
Wilkes-Barre[5]	Luzerne	T.	.10	.06	T.		T.	T.	.16	T.	.33	.41	.46	.43		T.		.02	.98	1.29	.02	.48	T.			.01	1.00	.13	.07		.04		5.99
WEST BRANCH																																
Ansonia[2]	Tioga	.13		.07	T.			.10	.64	.38	.14	.22	.92	.12	T.				.17	.34	.69	.47					.12			T.		.22	5.03
Bald Eagle†	Blair		.25	.07				.17	.27		.02	1.34	.12						.57	.24		.89			.10	.14	.08			.02	.21	.36	4.80
Berwinsdale[2]	Clearfield			.41	.01				.24	.18	.12		1.54	.07	.06			.04		.59	.60	.40	.20	.65			.04	.67	T		.04	.05	.27	§
Carter Camp†	Potter		.30	.03			.31	.26	.49		.85	.87	.31					.05	.05	.45	.37	.20	.82				.41	.18			*	*	.95	5.95
Cedar Run[2]	Lycoming	.37		.22	.03			.18	.06	.90	.34	.28	1.22	.14				.20		.25	.39	.48	.30	.23				.74	.08		.14		.34	6.89
Clearfield[2]	Clearfield	.42		.28				.04	.16	.34	.06	.71	1.68	.03				.04		.33	.13	.28	.44	.32			.02	1.32	T.			.06	.28	6.94
Curwensville[1, 5]	Clearfield	.02	.26	.02	T.	T		.06	.23	.15	1.03	1.80	.02	T.		.02	T.	.81	.79	.03	.01	1.05	T.		.12	1.26	.13	T.		.08	.15	.51	8.55
Driftwood†	Cameron		.20					.03	.25		.39	1.06	.12					.20	.52	.14		.53			.06	.41	.19				.73	.10	4.93
Du Bois, 7 miles E	Clearfield	T.		.34	.02	T.	T.		.17	.34	.07	1.17	1.03	.02		T		.18	.64	.49	.02	1.06	.02		.01	.45	1.17				.17	.11	7.48
Dushore†	Sullivan		.07	.05			.08		.34		.50	.07	.18					.31	1.26	.48		.74				.06	1.54		.18	.05	.05		5.96
Eagles Mere[2]	Sullivan	.37		.26				.01	T.	.11	.21	.23	.26	.14	T.					.33	.49	.51	.23	.62			T.	1.12	.35		.06		.12	5.42
Emporium[2]	Cameron	.45	T.	.22	.01			.11	.04	.15	.54	.20	.80	.04	T		.01	*	.27	.24	.20	.82			.02	.10	1.70			T.	.04	.29	6.25
English Center†	Lycoming		.09	.05					.24		.67	.80	.21				.07	.33	.27	.32		.43				.45	.52		.05		.27	.03	4.80
Galeton	Potter	.05		.02	.12		.07	.40	.27		.85	.37	.62		T.		.03	.26	.37	.24	.03	1.01	T.		T.	.24	.42		T	.04	.36		5.77
Karthaus[2]	Clearfield	.35		.32				.10	.25	.09	.44	1.17	.07				.35		.43	.61	.16	.15	.62			T.	.28				.07	.58	6.04
Lock Haven[2]	Clinton	.21		.21				.06	25	.06	.68	.62	.06	.10					.69	.06	.61	.23	.42			.02	.61			.04	.08	.22	5.23
Medix Run†	Elk		.29	.01			.08	.20		.53	1.19	.08						.17	.55	.17	.02	.42		.04	.90	.24				.53	.06	5.43
Philipsburg[1, 5], 7 mi. E	Centre	.01	.14	T.	T.		T.	.18	.24	T.	.45	1.10	.15	.01		T.	.03	.06	.62	.33	.01	1.09	T		.07	.22	.07	T.	T.	T.	.40	.19	5.37
Renovo[2]	Clinton	.32		.16					.04	.22	.15	.22	.92	.08			.13	.03	.24	.25	.13	.19	.40			.02	.16	.04			.15	.44	4.29
Shaffers Path[2]	Lycoming	.25	T.	.16				.05	.04	.17	.07	.31	.40	.15	.02				.52	.31	.59	.16	.37			.02	1.67	.02		.03		.43	5.74

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Susquehanna Basin (continued)																																	
WEST BRANCH (continued)																																	
State College‡	Centre	T.	.15	.08	T.		.01	.09	.05	T.	.62	.50	.17	.08		T	T.	.01	.39	.29	T.	.42			.07	.04	.18	T.		T.	.44	.08	3.67
Tamarack Tower[2]	Clinton	.48	T.	.19	T.	T.	T.	T.	.08	.44	.21	.31	.79	.08	T.	T.	.10	.03	.60	.15	.21	.43	.42			.08	.49			T.	.03	.31	5.43
Wellsboro[2]	Tioga	.15		.08				.15	.44	.44	.54	.22	.45	.45	T.		.05	T.	.09	.31	.58	.44	.06				.36	.05				.01	4.87
Williamsport[2]	Lycoming	.26	T.	.14				.15	.01	.15	.07	.26	.36	.14	.01		T		.44	.22	.52	.24	.32			.02	1.52	.06		.04	T.	.42	5.35
JUNIATA																																	
Altoona	Blair	.11		.41		T.		.16	.72	.04		.16	1.82				.06		.32	.61	.06	.41			.09	.08	.33				.11	.16	5.65
Bedford[2]	Bedford	.07		.37				.03	.07	.10		.30	1.98	.15	*		.25			.20	.35	.58				.05	.15				*	.77	5.42
Breezewood Intch[3]	Bedford	.01	.02	.02		.01		.01	.15		.68	.85	.53	.05	.25	.04		T.		.80	.95	.15			.01	.06	.42		.23		.04	.09	5.37
Buffalo Mills[2]	Bedford			.38					.23			.20	1.16	.07	.18		.14			.12	.35	1.21	.05				.20			.14		.96	5.39
Burnt Cabins[3]	Huntingdon		.03	.10				.04	.18		.74	.71	.47		.27			.16		.66	.32	.09			.16	.05	.37		.07		.18	.08	4.68
Charter Oak‡	Huntingdon		.15	.02			.07		.09		.98	.61	.27	.03	.03					.23	.40	.19	.54			.10	.07	.42				.35	.50	5.05
East Waterford[2]	Perry	.17	T.	.11	T.	T.		.03	.08	.06	T.	1.00	.61	.12	.09		.02	T	.89	.53	1.04	.25	.13			.31	1.05	.01			.26	.65	6.81
Huntingdon[2]	Huntingdon	.23		.30				.09	.09	.25		.74	1.02	.04	.01		.27		.07	.74	.03	.15	.65			.07	.74			T.	.16	.05	5.70
Lewistown[2]	Mifflin	.18		.16					.23			.80	.56		.10				.66	.54	.38	.06	.48			.16	.53		.06		.12	.25	5.27
Loop Mt. Tower[2]	Huntingdon	.34		.38	.02			.05	.13	.34	.01	.57	1.23	.07	.04		.09		.10	.75	.14	.13	.51			.62	.28				.07	.03	5.90
Mapleton Depot[2]	Huntingdon	.15		.16	.03				.03	.03		.92	.69	.08	.01		.04	.01	.33	.21	.82	.08	.23			.04	.29	T.			.08	.02	4.25
Martinsburg[5]	Blair		.18	.02	T.	T.		.04	.05		.90	.87	.53	.02		.10	.01		.39	.52	.12	.26			.04	.01	.09			.01	.43	.26	4.85
Newport[2]	Perry	.13		.15					.04	.10	.04	1.13	.50	.12	.04			T.	.15	.77	.76	.21	.12			.07	1.20	.07			.04	.13	.18	5.95
Saxton[2]	Bedford	.14		.13	T		T.	.01	T.	.01		1.04	1.00	.19	.04		.11		.05	.21	.16	.11	.18			.04	.51			.02	.10	.80	4.85
Shade Gap‡	Huntingdon																																
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams			.12					T.	.12		.50	.87	.10	.07	.01	.02	.01	T.	.10	1.05	1.80	.14			.10	1.05			.05	.27	.07	6.45
Bloserville	Cumberland	T.		.11		T.		T.	.38		T.	1.25	.96		.25		.01		.95	1.48	1.15	.56		.07	.09	.65		.01		.38	.21	6.51
Blue Mt. Intchg...[3]	Franklin		.03	.06				T.	.06		.50	.59	.72		.36			.02	.01	.87	.24	.13		.17	.22	.60				.15	.20	4.93
Carlisle	Cumberland	T.		.07				T.	.05		T	.91	.67		.16				.01	.23	.70	.86		.10	.04	.98		.15		.25	.07	5.25
Columbia[6]	Lancaster			.05				T.	.10		T.	.40	.40		.08	.09	.01		.01	.42	.87	.70		T.	T.	1.42			13	.04	.22	.03	4.97
Ephrata	Lancaster			.10				T.	.03		T.	.57	.80		.11		.11			.16	.78	.36			T.	.82		T.	.02	.18	.02	4.06
Glen Rock‡	York		.04	.02					.05		.06	.25	.27	.16	.15					.37	1.06	1.75				.81		.03		.15	.08	5.19
Gordon	Schuylkill			.08					.17		.08	.58	1.30							1.12	.82	.18			.40	.87		.17		.28	.11	6.16
Hanover[2]	York	T.		.09					T.	.14	T.	.13	.81	.09	.18	T.	.03	T.		.85	2.45	.07			T.	.97			.07	.33	.16	6.37
Harrisburg Arpt‡[1]	York		.04	.01			T	T.	.06	T.	.69	.43	1.19	T.	.11	T	T.	.10	1.10	.96	.61	.12		.01	.04	.36		.03		.38	.05	6.24
Holtwood[2]	Lancaster	T.		.01					T.	.01	.01	.03	.51	.48	.21	.03	.12	.02			.40	.80	.14		.01	1.27	.09		.06	.08	.01	4.29
Huntsdale[2]	Cumberland	.03		.10					.01	.04		.78	.72	.10	.14		T.		.13	.04	.97	.77	.07		.09	.71	.02			.17	.02	4.91
Kirkwood‡	Lancaster											.06	1.35		.20					.66	.26	.33			T.	T.		.13		T.	T.	§
Lancaster	Lancaster			.04						.05	.02	.31	1.16		.19		.05				2.62	.56			.11	.91			.12	.22	.10	6.46
Lebanon[2]	Lebanon	.13		.23					T.	.07		.48	.40	.67	.09		T.		.49	1.31	.98	.50	T.			.62	.05		.22	.06	.15	6.45
Manada Gap[6]	Dauphin			.10				T.	.28		.49	.48	.79	.01	.10				.13	1.57	.49	.57		T.	.01	.67		.15		.29	.02	6.15
Middletown[3]	Dauphin		.03	.05				T.	T.		1.01	.45	1.12	T.	.40	T.	T.	.12	.16	1.14	.81	.15		T.	T.	.52		.03		.39	.08	6.46
Millersburg‡	Dauphin		.06	.03					.10		.87	.25	.33					.18	.34	.83	.13	.09				1.29		.06		.20	.11	4.89
New Park	York			.05					T.			*	1.46		.26	T.	.06				.37	1.99	.02		.08	1.03		.15		.27	.03	5.77
Penn Nursery[2]	Centre	.21		.19					.28	.06	T.	.71	69	.09	.04		T.	T.	.09	.24	.12	.29	.16		.30	.51	T.		T.	.11	.23	4.32
Peters Mt. Tower[2]	Dauphin	.04		.09					.07	.20		.91	.31	.19	.13		T.	T	.19	1.13	1.20	.31	.04		.01	.63	.07		.02	.11	.19	5.84
Pine Grove[2]	Schuylkill			.05	T.				T.	.25	T.	.53	.50	1.00	.06		T.	T.	.35	2.02	1.25	.28	.05			.70	.06		*		*	7.10
Ringtown[2]	Schuylkill	.04	.01	.01	.01	T.			.01	.10	*	.40	.88	.70					.08	.60	1.50	1.12	.27			.25	.80		.23			.32	7.33
Selinsgrove	Snyder	T		.09			.06		.16			.77	.35				.03		.57	.76	1.18	.19			.03	1.13				.33	.22	5.87
Shippensburg	Cumberland			.10				T.	.05		T.	1.62	1.00		.10	T.			.35		.74	.62		.07	.09	.24		T.		.25	.15	5.38
Sunbury[2]	Northumberland	.15		.12					.05	.24	.01	.70	.35	.10	.02		T.		.53	.94	2.31	.10	.13			.77	.40		T.	.01	.23	7.16
Woodward[1, 5]	Centre	T.	.13	.05	T.			.03	.09	T.	.45	.43	.16	.06		T.	T.	.03	.41	.14	.05	.27	T.		.05	.40	.27		T.		.39	.18	3.59
York	York			.08					.16			.29	.76	.02	.09	.02					1.68	.72	.02			.02	.77		.10		.39	.03	5.15
York Haven[2]	York			.05						.04		1.15	.86	.50	.07		.02		.05	.05	1.13	.85	.08			.67	.08		T.	.20	.05	5.85
Potomac Basin																																	
Chambersburg[2]	Franklin	T.		.20				T	T.	.02		.35	.95	T.	.21	T.			.06	.67	1.71	1.44	T.			14	.38			.20		.10	6.43
Gettysburg	Adams			.10					.13			.64	1.07	T.	.10		.04			T.	1.05	3.00		.02	.03	.49		.19		.18	.27	7.27
Hewitt‡, 2 miles S.	Bedford		.09	.16			.02				*	.98	.78	.04	.19					.76	.15	.13			.24	.48		.05		.67		4.74
Hyndman[2]	Bedford	T.		.27				T.	.16	.04		.30	.80	.04	.31	T.	.07			T.	.31	.18			.07	.19				T.	1.07	3.81
McConnellsburg[2]	Fulton			.36					T.	T.		.54	1.10	.58	.23	T.			.09	.56	1.03	.88	.09			.55				.16	.43	6.60
Mercersburg	Franklin			.21					*	*		*	1.60	.10	.34				*	1.17	*	*		*	*	3.30		*		*	.60	7.32
South Mt. San't'm[2]	Franklin			.20						.14	T.	.22	.70	.04	.11	T.	.05			.01	1.14	2.26	.09		.09	.53	.10		.20	.22	.05	6.15
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.32		.38	.02			.03	.45	.03	.02	.04	.38	T.	.04		.08	.02	.60	.33	.07	.03	.39			T.	1.20				.12	.71	5.26
Allens Mills‡	Jefferson		.43	.02			.04	.07	.42	.10	.59	.52	.07			.05		.50	.83	.05		.64		.03	1.68	.07			.02	.17	.17	6.47
Blairsville[2]	Indiana	.37		.37	.14	T.	T.	.18	.36	.47	.01	.39	1.21	.24	.08		.20	T.	.87	.22	.24	.24	.63			.09	.80	.01			.07	.14	7.33
Boswell‡**, 6 miles W.	W'moreland		.29	.26	.10		.04	.41	1.13	.05	.30	1.45	.76			.32	.02		.61	.88		.40		.07	.35	.28		.03	.06	1.25	.18	9.24
Bradford	McKean	.15		.34	.21	T	.04	.27	1.40		.42	.16	.18	T.	T.			.49	.12	.23	.16	1.40	.07			.75	.70	T.			.05	T.	7.14
Brookville[5]	Jefferson	T.	.35	.04	T.	.01		.12	.25	.13	.85	.53	.01	T.		.03	.04	.70	.94	.09	.01	.76	.01		.01	1.35				.14	.28	.28	6.93
Buckstown‡	Somerset		.31	.17				.07	.16		.22	1.76	.44		.03	.40	.02		.05	.61	.10	.23		.04	.07	.19		.06	.10	.72	.16	5.91
Cherry Grove‡	Warren	.02	.30	.01	.09			.92	1.06	.07	.19	.85	.33					.03	.53	.23	.45		.99	.04		1.10				.09	.48	.37	8.15
Clarion[2]	Clarion	.28		.49	.01		.03		.19	.37	.30	.90	.77	.13			.02	.02	.73	.25	.77	.45	.04			.02	1.26	.01			.15	.24	7.42
Coudersport[6]	Potter	.08		.21	.09		.08	.85	.79			.45	.04	.49			.03	.36	.74	.72	.71	.03				.81	1.10		.01		.16	.02	7.77
Crooked Crk. Dam‡	Armstrong		.38	.03	.05		.06	.16	.04	.03	.16	.68	.04	.02			.01	.11	.55	.16		.59	.02			1.76				.08	.18	.22	5.28
Derry	W'moreland			.31				.54	.53	T.	.13	.97	.51	.15	.72	.15	.05	.70	.70	.97	.58	.47			.05	.05	.69			T.	.23	.80	9.30
Dunlo‡	Cambria		.21	.12	.02			.14	.51		.43	1.22	.57			.22			.74	.76	.01	.28			.14	.16	.21				.17	.03	5.94
Ebensburg[2]	Cambria	.35	T.	.48	.03			.09	.28	.55	.03	.41	1.62	.78	.06		.59		.48	.82	.14	.13	.36			.10	.50				.08	.69	.82	8.57
Franklin[2]	Venango	.25		.19	.05		.02	T.	.76	.23	.20	.26	.35					.02	.66	.37	.19	.34	T.			.05	.62	T.			.04	.15	4.75
Glen Hazel[2], 1 mile NE	Elk	.53	T.	.26	.06	T.	.02	.21	.32	.42	.29	.21	.34	.03	T.		.02	.11	.44	.26	.68	.97	.02			.07	2.09	.01	T.	T.	.02	.60	7.98
Home‡	Indiana		.39	.03	.03	.03	.02	.38	.26	.11	.57	1.28	.05						.13	.48	.86	.03	.27			1.05	.13			.03	.13	.09	6.35
Indiana	Indiana	.06		.41	.08	T.		.19	.50	T.	.06	1.60	1.05		.08	.03	T.	.22	.30	.25	.55	.52			T.	.28	.87	T.		T.	.14	.48	7.67
Johnstown[6]	Cambria	.19		.36	.15			.55	.46	.07	.05	1.02	1.21			.47	.16	.48	.82	.64	.19	.26			.08	11	.48		.01	.02	.12	.06	7.96
Kane[5]	McKean	T.	.19	.03	.05	T.	.02	.71	.73	T.	.23	1.15	.30			.05	.15	.16	.67	.30		.10	.01		.10	2.04				.03	.56	.45	8.03
Laurel Hill Tunnel[3]	W'moreland	T.	.29	.20	.04			.34	.68		.13	1.21	.88	.04	T.	.46	T.		.54	1.35	T.	.38			.13	.37	.22		T.	.03	1.81	.31	9.41
Lycippus	W'moreland	T.		.24	.10	T.	T.	.07	.42	.75	.23	.20	.95		.18	.21	.08	.13	.41	.98	.20	.38			T.	.08	.85	T.	.04	.03	.35	1.30	8.18
Mahoning Dam‡	Armstrong	.01	.25					.26	.48	.02	.41	.80		.01			.04	.33	.75	.03		.75				1.67				.01	.16	.13	6.11
Marienville‡	Forest		.30	.02	.08	.06		.40	.44	.02	.42	.73	.07			.07	.08	.04	.56	.58		.62			.02	1.33		.04			.18	.16	6.22
Meadville[2]	Crawford	.15		.34	.08		.01	T.	.64	.68	.03	.53	.47				T.	.12	.27	.06	.04	.61	.03			.22	.22	.04			.08	.45	5.00
Mosgrove[2]	Armstrong	.21		.23	.01		T.		.24	.28	.08	.77	.75				.02	T.	.80	.04	.13	.15	.39			.02	1.45				.07	.38	6.02
Parkers Landing[2]	Armstrong	.16		.32	.05				.22	.32	.28	.44	.75	.05				T.	.60	.30	.54	.43	.10			.02	.99	.04			.10	.32	6.03

Continued on page 34.

Daily Precipitation for May, 1943—Continued from Page 33

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Pittsburgh City Off[1]	Allegheny	.02	.34	.02	T.	T.	..	.38	.08	.06	T.	.51	.01	.06	..	.14	T.	.02	.30	.65	.01	.10	..	..	.08	1.24	T.	..	..	.06	.58	.07	4.73
Port Allegany[2]	McKean	.28	..	.28	.04	T.	.01	.02	1.07	.61	.19	.18	.21	.02	T.	..	.02	T	.36	.26	.78	.78	.02	..	..	.01	1.94	..	..	..	..	.08	7.16
Punxsutawney[2]	Jefferson	.39	..	.30	.02	..	..	.05	.27	.22	.06	.20	1.13	T.	..	..	.02	T.	1.03	.28	.04	.43	.15	..	..	T	1.42	..	..	..	.19	.21	6.41
Ridgway[2]	Elk	.56	..	.27	T.	..	.02	.03	.06	.26	.25	.29	.52	.01	..	..	.02	T.	.45	.82	.37	1.06	.03	..	..	.03	2.08	..	..	.14	.14	.45	7.86
Saltsburg[2]	Indiana	.18	..	.22	.02	T	T.	.11	.41	.34	.08	.07	.83	T.	.12	..	.08	T.	.55	.17	.34	.36	.22	..	..	.02	1.29	..	..	..	.34	.01	5.76
Seward[2]	Indiana	.53	..	.29	.03	..	..	.21	.29	.66	..	.38	1.04	.21	.17	..	.11	..	.58	1.01	.17	.09	.29	..	..	.06	.87	.02	..	..	.04	.27	7.32
Smethport‡	McKean	..	.22	.01	.06	.03	.03	.73	.74	.01	.36	.12	.06	..	..	..	..	.10	.40	.35	.15	.70	..	..	..	3.03	.02	..	..	..	.09	.14	7.35
Strongstown‡	Indiana	..	.47	.11	..	..	..	.48	.32	.03	.04	1.20	.23	.09	..	..	.04	.28	.73	.35	..	.62	..	..	.03	.62	.17	.02	..	..	.67	.33	6.83
Tionesta Dam‡	Forest	..	.25	.03	..	..	..	.53	.52	.06	.61	.24	.18	..	..	..	.05	.11	.70	.07	..	.50	..	..	..	.90	..	..	..	.03	.11	.23	5.12
Titusville‡	Crawford	.07	.27	.07	.07	..	..	.62	1.13	..	.24	.25	.24	..	..	..	..	.14	.19	.09	*	*	*	*	*	*	1.66	..	..	..	..	.20	5.24
Union City‡	Erie	..	.36	.14	.05	.01	.02	.10	.91	..	.07	.05	.57	..	..	..	.08	.33	.11	.99	13	1.00	..	..	..	.54	..	.08	..	.05	.10	.44	6.13
Vandergrift[3]	Westmoreland	..	.32	..	.10	..	..	.91	.16	.02	.58	.51	.20	.05	..	.08	..	.23	.53	.30	..	.36	..	..	.03	1.92	..	..	..	.05	.27	.28	6.90
Warren[2]	Warren	.53	..	.30	*	.11	T.	..	.90	1.20	T	.31	.16	.17	..	..	..	T	.18	.80	.52	1.90	.50	..	..	.60	.98	T.	T.	..	.30	.17	9.93
Youngsville‡	Warren	..	.30	.01	.16	..	.10	.40	1.39	..	.28	.29	.34	..	..	.01	.03	.15	.13	.57	.08	1.16	.01	..	..	.87	..	.06	..	.03	.28	.13	6.78
MONONGAHELA																																	
Confluence[2]	Somerset	.08	..	.57	.01	T.	T.	.05	.22	.06	..	.37	.78	.10	.18	.01	.09	T.	..	.35	.61	.39	T.	..	..	.03	.42	T	..	.28	.03	.83	5.41
Connellsville[2]	Fayette	.07	..	.26	.01	..	..	.08	.30	.37	..	.26	.77	.15	.15	..	.57	..	.56	.54	.51	.03	.06	..	..	T.	1.10	..	..	.10	.05	1.25	7.19
Donora[3]	Washington	.04	.35	T.	..	..	..	.42	.64	..	.16	.79	.30	.18	..	.24	..	..	.65	.65	..	.28	..	..	T.	1.16	.02	..	..	.02	.82	.22	6.94
Greensboro[2]	Greene	.06	..	.35	..	..	..	.07	.28	.17	..	.48	.48	.02	.25	.04	.47	..	.30	.49	.52	.06	.02	..	..	.01	1.11	..	..	T.	.02	.68	5.88
Greensburg	Westmoreland	..	..	.30	.06	T.	..	.42	.42	T.	.12	.39	.70	..	.22	.15	.02	..	.42	.52	T.	.24	..	..	T.	.28	.96	..	T.	.10	.37	.94	6.63
Irwin	Westmoreland	.01	..	.29	.05	T	..	.40	.78	..	.01	.40	.62	T.	.16	.06	T.	..	.39	.24	1.27	.45	..	..	T.	.50	1.05	T.	T.	.04	.44	.52	7.68
Meyersdale[2]	Somerset	.13	..	.48	.02	..	..	.10	.20	.17	..	.30	2.85	.04	.17	.05	.06	..	..	T.	.48	.75	.05	..	..	.04	.28	..	..	.15	.05	1.73	8.10
Murrysville‡	Westmoreland	..	.20	..	..	..	..	.37	.36	..	.05	.60	.03	.09	..	.03	..	..	.62	.57	..	.47	..	..	..	1.49	..	..	..	.05	.78	.09	5.80
Newell[4]	Fayette	.10	..	.25	..	..	..	.07	.10	.20	.08	.12	.75	..	.10	..	.25	..	.15	1.10	.20	.44	..	..	..	.05	1.10	..	..	..	.46	.40	5.92
Pittsburgh Arpt.‡[1]	Allegheny	.02	.27	.03	T.	T.	T.	.48	.57	T.	.09	.51	.11	.09	..	.10	T.	.01	.34	.68	T.	.38	..	..	.03	1.01	.01	T.	..	.06	.64	.20	5.63
Somerset	Somerset	T.	..	.47	.03	..	..	.08	.25	.01	..	1.22	.82	..	.08	.09	.09	..	.07	.33	.63	.21	..	..	.06	.05	.39	..	..	T.	.23	1.73	6.84
Springs[6]	Somerset	.03	.09	.42	.07	..	.12	.18	.27	T.	.05	1.08	.41	..	.14	.16	.01	..	..	.07	.63	.31	..	..	.07	.14	.22	..	.20	.09	.36	.16	5.28
Uniontown	Fayette	..	.01	.37	.01	..	..	.18	.43	.22	.59	.77	.44	..	.24	.21	.17	.18	.38	.80	.34	.39	..	..	.01	.15	.70	..	.14	.01	.56	.75	8.05
Waynesburg	Greene	..	..	.38	..	..	..	.58	.38	..	.31	.46	.48	..	.22	.21	.20	..	.19	.91	.27	.31	..	..	..	.57	.27	..	..	..	.31	.84	6.89
BEAVER																																	
Beaver Falls[2]	Beaver	.21	..	.39	.01	..	T.	T.	.35	.02	.01	.14	.56	T.	..	..	T.	T.	.43	.06	.12	.26	T.	..	..	.01	.53	.06	..	..	.08	.42	3.66
Butler	Butler	.09	..	.45	.03	..	..	.31	..	.50	.10	.61	..	T.	..	..	.01	..	.58	.25	..	.56	..	..	.05	.32	.79	.01	..	.01	.25	.11	5.06
Greenville	Mercer	.19	.03	.28	*	*	.06	*	.75	.54	.07	.28	.58	..	..	.02	*	.46	*	.36	*	*	..	..	*	*	*	1.41	..	*	*	*	‖4.98
Mercer[5]	Mercer	T.	.38	T	.01	T.	T.	.36	.51	T.	.20	.17	.12	..	..	T.	T.	.12	1.03	.14	.13	.61	..	..	.03	.67	.03	..	..	.03	.40	.25	5.19
New Castle	Lawrence	.10	..	.29	T.	..	.04	.22	.30	.13	.28	.15	.27	..	..	..	T.	.20	.15	.10	.20	.23	..	..	.06	.65	.07	.01	..	..	.17	.31	3.93
Penn Line[2]	Crawford	.20	..	.55	.06	..	T	..	.46	.51	.01	.12	.21	..	..	..	06	.16	.29	.17	.08	.88	.02	..	..	.34	.17	.09	..	..	.04	.73	5.15
Pymatuning Dam[2]	Crawford	.17	..	.31	.05	T.	.01	..	.71	.62	.02	.07	.20	.01	T.	..	.02	.07	.60	.12	.12	.77	T.	..	..	.28	.20	.05	..	T.	.14	.17	4.71
Sharon[2]	Mercer	.05	..	.57	..	..	T.	.03	.50	..	.33	.20	.33	..	..	..	.06	..	.41	.30	.04	.64	..	..	..	.32	.24	T.	..	..	*	.61	4.63
OHIO																																	
Claysville[2]	Washington	.12	..	.31	..	..	..	.06	.38	.39	..	.23	.39	..	.18	..	.38	..	.39	.36	.09	..	.38	..	..	.07	1.12	.04	..	..	..	1.09	5.98
Coraopolis[2]	Allegheny	.08	..	.35	.01	..	..	.05	.41	.04	.08	.01	.59	..	.06	..	.04	T.	.88	.26	.16	.21	.01	..	..	.09	.77	..	..	.07	.68	4.85
Midland[2]	Beaver	.06	..	.37	.02	..	..	.04	.20	.12	.28	.87	.46	..	.02	..	.06	..	.52	.15	.11	.55	..	..	..	.12	.65	.09	..	..	.07	.64	5.40
Mt. Lebanon	Allegheny	.07	..	.18	.03	T.	..	.40	.40	..	.12	.35	.21	..	.12	.12	.04	T	.35	.27	.60	.12	..	..	.06	1.10	.20	..	..	.03	.65	.29	5.71
Washington‡	Washington	..	.30	..	..	..	..	.43	.55	..	.09	.28	.23	.12	..	.30	..	..	.52	.28	..	.52	..	..	.02	1.05	..	..	..	1.67	.19	6.55
LAKE DRAINAGE																																	
Erie‡[1]	Erie	..	.26	.05	..	.02	..	.06	1.05	T.	.25	.74	.34	T.	..	T.	.03	.19	.10	1.66	.15	.80	..	..	T.	.15	..	.02	..	.01	.04	.49	6.41
Raymond‡	Potter	..	.18	.04	.10	.06	.05	.94	.82	..	.46	.44	.18	..	..	.03	..	.44	.32	.32	.12	.62	..	..	..	1.05	.39	..	.05	.02	.18	.07	6.83

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. [6] Observation taken at a fixed hour between sunset and 11:00 p. m. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated. ** Boswell was formally Laurel Hill Summit.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**			Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.	
Erie	30.40	15	29.55	3	8.1	27	se.	16	82	..	78	28	303
Harrisburg	30.44	15	29.62	12	8.4	27	nw.	1	79	58	64	58	115
Philadelphia	30.46	15	29.63	12	9.3	29	sw.	3§	76	53	66	57	115
Philipsburg	30.42	15	29.64	3	12.3	44[a]	w.	8	84	60	73	..	265
Pittsburgh	30.35	1	29.61	11	11.5	35	sw.	8	78	54	66	48	172
Reading	30.45	15	29.65	3	12.3	36	w.	3	72	52	50‡	58	121
Scranton	30.44	15	29.63	3	6.4	32	nw.	6	79	63†	..	45	194

* For any five-minute period. ** Corrected to true velocities.
† Local noon § Also other dates. ‡ 4:00 p. m. [a] One-minute interval

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	5.3	8.1	22	4.1	7†	18
Easton	Delaware	6.7	11.1	20	4.2	9	22
Lehighton	Lehigh	4.3	6.0	20	3.4	8	9
Reading	Schuylkill	4.9	9.6	20	3.6	10	13
Wilkes-Barre	N. Br. Susquehanna	11.0	16.7	13	7.4	8	22
Williamsport	W. Br. Susquehanna	7.0	13.3	13	4.4	8	20
Newport	Juniata	6.0	10.2	13	4.3	8	22
Harrisburg	Susquehanna	6.6	9.9	14	4.8	10	17
Schenley, (nr) Lock No. 5.	Allegheny	18.1	21.9	12	15.7	8	24
Sutersville	Youghiogheny	5.6	10.3	12	4.3	1	0
Charleroi (nr.), Lock No. 4	Monongahela	13.9	16.9	13	12.0	3	30
Pittsburgh	Ohio	*	18.4	13	*	.....	5
Midland, Dam No. 7	Ohio	*	22.9	13	*	.....	30

* Pool stage. † On other days also.

Daily Temperatures for May, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	52	61	69	58	72	85	84	90	74	64	57	77	77	68	67	78	83	88	82	70	64	59	70	72	73	78	79	78	76	68	79	72.5
	Minimum	39	34	39	46	38	49	52	60	50	52	50	50	52	48	48	51	53	64	64	64	58	51	43	45	55	61	55	52	51	51	51	50.7
Altoona	Maximum	53	57	59	56	63	86	82	78	70	82	67	70	78	69	61	73	86	84	83	78	71	74	71	62	67	73	74	72	70	74	75	71.5
	Minimum	31	33	43	39	34	40	56	55	47	56	55	53	50	39	41	47	53	59	61	60	58	49	43	50	56	55	51	50	47	54	63	49.3
Arendtsville	Maximum	72	60	72	64	73	89	82	88	82	78	76	76	78	72	66	70	86	86	85	76	72	70	69	69	70	80	80	77	76	73	79	75.7
	Minimum	37	31	46	45	38	45	57	54	50	58	56	56	50	48	46	49	57	60	64	62	55	52	45	47	59	63	50	56	50	57	62	51.8
Bedford	Maximum	66	61	64	66	64	87	85	83	74	87	75	68	76	73	70	74	88	88	88	86	75	75	75	63	70	75	75	74	71	72	77	75.0
	Minimum	30	26	46	40	38	40	37	54	50	60	61	57	50	45	42	47	56	60	70	61	62	67	44	52	59	59	49	51	47	56	61	50.9
Bethlehem[3]	Maximum	51	60	70	59	76	88	85	90	87	60	52	75	76	71	66	72	84	89	84	69	57	58	71	72	73	79	80	75	76	68	80	72.7
	Minimum	38	38	46	47	47	52	62	66	50	52	49	49	52	48	49	52	65	65	64	57	51	48	43	58	58	61	61	54	56	53	58	53.2
Blue Mt. Interchange[3]	Maximum	54	61	68	58	70	86	80	86	73	76	72	78	78	72	64	70	86	87	87	75	66	73	69	67	68	78	82	76	76	74	80	73.9
	Minimum	37	30	47	48	40	43	62	58	50	62	54	54	54	48	42	52	58	62	64	61	55	50	44	47	60	64	52	56	58	60	62	52.7
Bradford	Maximum	44	53	52	54	62	83	77	65	64	61	70	62	60	58	66	75	75	78	75	65	69	71	71	70	60	69	69	65	65	65	71	65.9
	Minimum	26	26	40	35	27	46	58	54	44	48	55	55	46	26	29	55	66	53	55	50	52	48	45	48	58	53	51	40	55	55	58	47.0
Breezewood Intchg[3]	Maximum	74	62	64	58	70	88	78	84	78	82	70	74	76	68	54	72	86	88	88	92	84	82	78	75	74	78	76	74	74	78	84	76.2
	Minimum	32	26	42	40	32	40	60	54	50	60	58	56	44	46	44	50	56	60	54	49	44	42	44	42	56	52	48	52	46	56	62	48.3
Brookville[5]	Maximum	45	52	52	55	61	85	72	72	72	74	76	66	65	63	63	77	77	81	78	72	69	73	70	61	60	70	68	70	69	68	73	68.0
	Minimum	29	26	38	30	27	38	53	47	46	55	57	50	36	30	37	52	57	57	59	60	49	43	40	50	56	53	47	45	45	55	64	46.1
Burnt Cabins[3]	Maximum	53	59	68	60	70	90	82	87	76	79	62	74	78	71	52	70	84	84	88	78	76	72	68	63	70	80	79	74	74	80	75.4	
	Minimum	34	25	46	40	30	41	55	52	48	58	55	53	44	47	42	52	62	62	62	60	56	52	40	48	57	56	46	48	44	55	60	49.4
Butler	Maximum	67	55	53	57	63	83	87	76	75	75	82	84	76	76	68	82	80	85	81	81	75	69	77	75	65	67	73	73	73	73	75	73.6
	Minimum	19	19	48	37	28	45	52	55	45	50	60	54	32	35	44	49	50	59	66	60	48	48	58	59	58	55	55	46	44	56	44	47.7
Carlisle	Maximum	70	57	74	62	73	90	83	91	81	76	70	80	80	75	66	71	86	90	85	80	72	70	71	70	72	80	81	76	78	72	77	76.1
	Minimum	36	32	48	45	40	44	57	56	48	60	54	53	49	46	40	50	58	61	64	63	54	55	44	48	59	64	58	54	53	58	59	51.8
Chambersburg[6]	Maximum	62	61	72	61	69	88	80	90	80	80	68	79	78	73	64	71	87	88	88	80	73	75	69	70	71	82	81	78	78	78	84	76.1
	Minimum	38	32	45	45	35	45	57	54	49	60	57	54	50	49	46	52	52	62	65	62	57	55	45	48	59	64	50	54	50	58	61	51.9
Claysville[2]	Maximum	49	59	57	58	66	85	74	75	70	81	80	67	72	65	63	80	81	82	82	77	70	73	69	65	61	71	73	70	71	79	79	71.1
	Minimum	32	26	40	39	32	35	54	56	46	46	57	59	42	38	40	48	61	61	62	62	61	45	47	52	54	54	52	48	44	46	61	48.4
Coatesville[6]	Maximum	61	60	77	60	71	83	87	74	79	69	64	80	78	69	60	73	85	87	86	73	63	62	72	72	78	82	81	78	75	70	80	73.8
	Minimum	41	34	46	45	45	49	63	63	53	55	51	51	52	48	44	53	62	68	68	62	53	51	42	47	57	64	56	56	54	56	59	53.2
Columbia[6]	Maximum	73	63	75	63	73	90	85	91	77	73	70	81	79	70	61	74	88	89	88	76	67	68	71	72	75	82	82	78	75	70	79	76.1
	Minimum	41	32	49	46	41	45	57	56	51	57	53	54	48	50	41	53	64	64	65	64	55	55	45	50	58	64	52	55	52	57	60	52.7
Coudersport[6]	Maximum	46	54	50	58	66	84	75	67	73	62	60	67	65	65	68	70	79	80	77	74	72	74	76	67	61	71	70	71	70	64	75	68.1
	Minimum	25	24	41	36	25	40	45	50	39	48	51	52	46	26	29	50	54	56	57	51	46	37	31	50	51	54	46	41	39	51	50	43.3
Curwensville[5]	Maximum	45	51	50	54	60	84	69	74	68	70	63	65	67	62	59	72	77	80	76	67	70	69	64	56	58	67	68	67	67	68	68	65.5
	Minimum	25	28	35	35	32	48	55	45	40	55	53	45	37	33	41	46	57	59	58	58	47	46	45	49	53	52	48	45	44	53	60	46.0
Derry	Maximum	53	61	60	59	64	87	77	78	83	82	82	69	72	67	65	83	85	85	83	75	74	74	74	64	64	72	74	72	71	73	78	72.8
	Minimum	32	28	47	41	31	57	60	58	49	58	62	55	49	40	42	52	68	62	64	62	61	49	55	54	59	56	55	54	46	57	62	52.4
Donora[3]	Maximum	52	62	60	62	65	89	76	80	71	85	81	70	75	69	65	86	85	86	85	80	76	77	72	68	65	75	77	75	75	83	81	74.5
	Minimum	35	33	46	43	37	38	60	53	50	60	65	55	50	42	51	55	68	61	65	63	52	50	52	57	59	57	58	55	50	61	65	53.1
Eagles Mere [2]	Maximum	46	62	68	56	62	80	80	80	70	55	57	64	68	61	62	63	82	82	77	62	59	55	66	80	64	71	74	61	74	59	72	66.8
	Minimum	27	26	28	36	36	38	39	57	41	41	50	49	43	34	35	40	49	59	59	53	49	44	41	43	50	54	50	46	46	49	52	44.3
Ebensburg[2]	Maximum	48	53	54	53	60	84	73	73	70	79	69	65	68	55	58	73	83	81	78	71	69	66	59	58	64	68	68	68	65	70	72	66.8
	Minimum	28	28	31	37	33	32	42	53	44	44	57	55	43	38	38	39	55	58	56	59	60	44	50	48	51	53	50	47	42	52	55	45.9
Emporium	Maximum	48	57	55	59	67	88	78	74	75	66	65	68	70	65	69	73	82	83	81	70	75	73	74	64	63	73	70	70	71	65	74	69.8
	Minimum	30	24	43	38	26	37	51	43	37	49	54	53	41	26	28	51	52	56	63	53	53	49	38	51	56	54	47	42	40	52	57	45.0
Ephrata	Maximum	65	62	73	61	74	88	88	90	79	72	66	80	79	72	61	71	86	89	88	76	69	65	71	73	75	82	82	76	78	70	80	75.5
	Minimum	41	33	47	45	40	46	46	55	49	49	52	53	48	48	44	52	63	64	63	64	54	52	42	51	59	64	54	56	52	56	60	51.7
Erie[3]	Maximum	44	56	53	53	57	83	65	52	54	55	78	58	49	56	63	82	73	63	56	65	52	70	76	67	63	69	64	62	66	67	73	62.7
	Minimum	32	41	40	40	46	56	51	42	45	45	45	46	40	37	45	54	53	50	47	46	46	46	57	57	57	56	57	53	52	60	62	48.5
Franklin[2]	Maximum	47	53	52	57	58	85	75	69	74	67	79	66	65	61	64	80	80	80	77	77	65	74	71	63	61	71	69	69	70	74	74	68.6
	Minimum	32	30	33	39	32	32	40	56	44	44	53	56	45	33	38	42	59	59	60	56	57	49	43	44	54	54	56	47	44	44	57	46.0
Freeland	Maximum	58	55	61	51	65	82	78	81	72	71	58	63	70	67	64	61	78	81	81	72	63	62	68	67	67	73	74	69	68	67	74	68.3
	Minimum	28	31	39	37	38	48	60	57	41	51	45	42	47	37	41	47	47	61	61	56	48	48	44	49	53	58	54	51	49	50	55	47.5
George School	Maximum	69	61	76	71	72	82	89	87	85	66	59	70	78	71	64	74	84	86	84	78	64	65	72	72	74	76	80	....	77	78	76	74.3*
	Minimum	40	35	44	47	33	47	53	61	52	55	50	48	50	46	45	52	63	64	65	60	52	52	42	49	57	64	55	....	52	54	57	51.5*
Gettysburg	Maximum	76	61	74	68	72	87	85	89	76	79	78	78	80	77	66	71	85	87	85	81	73	68	67	68	71	78	80	78	75	74	75	76.2
	Minimum	40	33	48	46	39	46	61	57	50	59	57	60	50	50	46	51	63	66	66	64	57	55	46	50	60	65	55	56	53	59	63	53.9
Gordon	Maximum	67	59	65	58	68	85	81	85	75	74	60	71	75	70	66	67	85	85	81	76	66	64	68	68	71	77	76	73	73	70	77	72.1
	Minimum	35	23	35	43	34	41	51	53	45	53	52	51	45	43	45	51	64	60	61	61	52	51	38	48	53	62	46	47	49	51	56	48.4
Greensburg	Maximum	58	60	58	59	64	86	78	77	72	82	80	69	72	66	68	81	85	84	82	80	74	74	72	65	64	71	73	72	70	74	78	72.4
	Minimum	33	30	46	41	32	50	58	58	48	59	60	54	48	39	45	53	63	60	64	62	60	48	48	53	60	54	60	54	47	57	62	51.8
Hanover[2]	Maximum	58	63	75	60	71	89	82	88	76	80	66	76	80	69	59	71	87	90	87	76	68	69	70	70	75	81	81	77	77	75	77	74.9
	Minimum	40	34	40	46	40	48	55	59	51	58	57	57	52	49	46	49	55	66	66	63	57	54	47	50	56	64	55	58	52	56	60	52.9
Harrisburg[3]	Maximum	54	59	72	61	71	90	81	87	78	71	57	75	80	70	58	75	87	88	87	72	60	67	71	71	75	80	80	76	75	64	75	73.1
	Minimum	40	36	49	46	46	49	62	58	51	57	54	55	54	50	45	52	64	65	65	59	55	50	46	52	60	64	57	58	55	59	60	54.0
Hawley[6]	Maximum	58	60	67	52	69	85	81	86	74	63	54	61	72	66	70	61	85	85	78	70	61	62	77	74	70	77	75	71	72	78	83	70.8
	Minimum	32	25	41	40	27	39	51	51	43	49	47	46	47	36	31	50	58	60	59	58	50	49	36	44	53	60	47	44	46	41	51	45.5
Holtwood[3]	Maximum	54	59	72	60	68	79	82	86	77	77	61	77	79	66	59	73	82	82	79	75	64	65	65	68	70	77	80	77	73	66	75	71.8
	Minimum	43	39	52	48	44	50	59	59	54	58	57	60	56	52	49	55	64	61	66	61	58	54	63	55	62	64	59	59	55	61	64	56.2
Huntingdon[2]	Maximum	52	61	62	59	70	90	80	83	76	82	62	74	76	71	61	72	90	88	87	77	76	74	70	60	75	76	76	76	75	70	78	73.5
	Minimum	35	25	31	44	30	38	46	53	50	53	53	55	46	45	39	45	53	58	63	62	59	54	43	46	56	61	49	50	46	56	58	48.5
Indiana	Maximum	57	56	56	56	61	85	83	75	74	80	77	64	67	68	62	81	82	84	83	82	75	74	65	63	70	72	71	69	69	75	71	71.2
	Minimum	30	28	43	38	31	49	56	54	45	58	58	54	46	36	44	49	57	59	61	58	56	47	49	51	57	53	52	49	44	54	61	49.3
Irwin	Maximum	62	58	57	58	65	85	83	77	64	82	82	78	74	67	67	80	85	85	85	84	77	77	74	73	63	72	75	75	72	76	77	73.8
	Minimum	32	26	44	39	28	44	54	55	52	45	59	52	45	36	42	51	61	60	62	59	60	45	48	46	58	50	53	50	43	55	60	48.8
Johnstown[6]	Maximum	51	58	54	55	62	85	77	76	72	83	72	64	71	64	60	75	85	82	84	82	72	73	70	60	65	72	73	71	68	73	75	70.5
	Minimum	31	28	44	38	31	40	58	53	47	59	58	55	52	40	43	48	55	60	60	61	55	48	43	50	57	54	53	50	48	55	63	49.6
Kane[5]	Maximum	42	52	49	55	60	83	72	66	67	59	68	60	62	60	64	73	76	78	75	65	70	69	69	58	58	68	65	65	68	62	72	64.8
	Minimum	25	22	34	29	25	45	54	42	40	47	52	45	24	24	34	44	54	54	53	52	45	44	42	48	52	46	40	36	32	50	56	41.6
Lancaster	Maximum	72	65	76	69	73	90	86	92	82	78	72	80	82	80	70	73	83	85	86	80	71	77	69	70	73	80	82	81	73	72	78	77.4
	Minimum	41	28	48	44	36	45	43	53	50	56	53	54	48	48	42	52	61	62	64	60	55	51	44	48	57	64	52	54	51	56	61	51.0
Lawrenceville	Maximum	55	57	68	58	70	88	81	66	69	64	60	60	64	60	67	66	85	84	80	69	73	70	75	73	68	78	75	69	73	74	80	70.2
	Minimum	30	28	45	40	30	44	52	49	49	49	51	53	42	31	31	52	62	60	61	51	54	50	41	54	60	57	62	40	49	48	58	47.8
Lebanon[2]	Maximum	54	62	71	61	73	89	85	90	77	69	57	76	80	71	60	73	....	....	....	....	58	66	70	70	72	78	82	78	72	62	78	71.6*
	Minimum	40	32	41	45	39	48	57	58	49	58	52	52	50	48	47	51	52	65	64	63	54	53	44	50	57	62	52	56	52	56	56	51.5
Lewistown	Maximum	68	63	63	61	70	90	90	85	77	80	78	76	78	74	72	68	89	90	88	86	74	76	77	72	72	78	77	78	79	73	75	76.7
	Minimum	37	34	47	46	38	46	57	56	51	65	57	56	50	48	41	53	56	63	65	64	54	56	46	52	60	62	52	56	55	49	61	52.7
Lock Haven[2]	Maximum	52	61	62	73	90	82	81	75	68	59	70	75	70	69	71	89	89	85	71	70	75	75	69	69	79	77	77	75	68	75	78	73.0
	Minimum	36	29	30	44	33	35	47	58	45	42	55	54	45	37	37	43	51	60	62	60	56	54	44	44	59	61	51	48	47	55	55	47.6
Marcus Hook[3]	Maximum	59	64	76	63	74	84	93	87	75	70	57	72	82	67	65	79	86	87	88	75	60	67	75	74	80	79	87	85	80	79	78	75.4
	Minimum	44	42	50	48	47	52	64	65	54	56	53	54	55	49	50	56	64	66	68	57	54	54	49	56	60	66	63	61	57	61	60	56.0
Martinsburg[5]	Maximum	47	56	59	54	60	87	75	81	74	79	62	68	72	66	52	70	83	83	82	74	71	72	65	59	68	71	71	71	67	72	75	69.2
	Minimum	32	30	40	40	36	43	57	53	48	60	55	53	49	44	46	50	57	60	62	60	51	50	46	52	58	55	52	51	53	55	62	50.3
Mauch Chunk	Maximum	49	68	68	....	67	80	83	89	76	60	58	73	76	68	67	64	78	85	86	79	67	62	72	72	72	75	77	77	72	70	....	72.1*
	Minimum	35	27	....	44	31	40	50	55	46	53	49	50	50	44	39	50	54	58	62	61	52	50	40	52	57	62	54	58	50	46	55	49.1*

Continued on page 36.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Meadville[2]	Maximum	48	53	49	57	59	84	73	65	62	67	76	64	58	58	66	78	75	78	77	68	61	75	71	65	62	70	69	68	69	72	75	67.1
	Minimum	30	29	37	38	32	39	57	52	39	44	54	51	41	39	35	47	56	56	59	50	54	42	42	52	50	51	54	46	44	47	59	45.8
Mercer[5]	Maximum	53	53	52	57	57	81	75	68	71	70	78	65	63	61	63	73	73	80	78	77	63	75	71	65	66	77	68	68	70	75	74	68.6
	Minimum	27	35	39	34	32	50	54	44	40	50	53	45	38	33	39	45	60	56	53	49	47	42	42	39	48	46	40	41	48	48	44	44.1
Middletown[1]	Maximum	60	59	68	70	68	89	80	87	72	72	57	76	78	64	60	73	86	86	82	73	65	76	77	71	74	79	75	74	74	66	77	75.0
	Minimum	36	41	48	48	39	44	55	56	46	57	50	52	47	44	41	55	64	64	64	58	53	49	45	60	60	65	[illegible]	50	56	58	60	51.7
Midland	Maximum	63	58	56	60	64	87	84	74	72	78	82	71	69	64	63	82	81	84	81	77	77	74	81	76	64	72	73	72	70	79	78	72.9
	Minimum	39	30	45	42	35	35	55	57	47	54	60	53	45	42	48	44	60	61	62	56	55	49	50	54	54	54	56	54	49	57	63	50.4
Montrose[2]	Maximum	39	57	57	49	64	82	77	77	66	52	54	60	66	57	64	64	81	80	77	72	54	67	76	69	69	75	70	66	66	67	79	65.5
	Minimum	27	25	31	36	37	37	49	55	39	40	47	46	45	33	35	37	49	60	58	55	50	48	45	40	50	55	52	50	47	47	49	44.4
Mt. Lebanon	Maximum	60	58	58	59	68	87	83	76	70	82	80	68	73	65	64	81	83	86	80	78	76	74	76	65	66	74	74	72	74	78	78	72.3
	Minimum	32	33	46	40	36	55	62	60	46	56	63	52	46	40	47	55	64	61	64	58	54	46	65	53	58	53	60	55	48	57	65	52.4
Mt. Pocono[6]	Maximum	40	53	60	48	61	78	77	82	69	55	48	68	68	60	64	59	78	82	83	85	79	78	73	76	72	68	74	74	72	70	73	64.8
	Minimum	30	27	39	38	34	43	56	47	42	41	44	4	16	37	38	47	60	58	60	50	47	41	38	47	52	57	50	47	48	43	51	45.5
New Castle	Maximum	68	56	55	57	57	86	86	76	68	77	80	80	67	64	61	78	82	83	86	79	78	73	76	72	68	74	74	72	70	73	78	72.3
	Minimum	34	34	45	42	34	47	65	57	42	51	63	52	45	33	44	53	61	59	61	54	62	48	44	55	58	55	54	48	45	57	63	50.2
Orangeville	Maximum	58	60	64	60	71	8	82	86	71	67	62	73	74	68	68	71	86	85	81	75	67	67	72	72	74	72	75	72	75	81	79	72.6
	Minimum	32	25	44	42	28	40	50	52	39	54	50	52	40	39	34	50	52	60	59	58	52	50	38	46	58	51	45	45	39	48	59	46.7
Palmerton[3]	Maximum	52	60	68	59	74	85	83	90	77	59	52	75	79	73	69	67	84	87	80	68	56	62	72	70	73	80	80	75	76	69	79	72.0
	Minimum	37	30	45	40	34	40	55	51	48	53	49	49	53	45	40	51	64	64	62	55	51	42	41	47	58	59	56	48	51	45	55	48.8
Philadelphia Airport Station[3]	Maximum	56	61	75	61	72	85	89	89	77	70	56	72	80	66	63	76	85	87	85	71	58	62	70	72	76	77	82	76	76	70	78	73.3
	Minimum	40	37	48	42	40	48	59	60	54	55	51	52	52	49	48	54	62	65	65	56	53	51	46	50	59	65	61	57	56	57	60	53.3
City Office[3]	Maximum	56	60	73	59	71	82	87	88	74	67	55	70	78	64	63	74	81	85	85	76	58	62	70	70	74	76	80	75	76	71	77	72.1
	Minimum	44	41	48	48	50	55	64	65	55	55	51	51	55	50	52	54	61	67	66	56	53	53	51	55	60	64	63	62	58	59	59	55.7
Franklin Institute[2]	Maximum	54	62	74	58	70	81	87	88	80	66	68	72	80	66	56	76	86	86	86	70	59	62	72	72	77	78	82	77	76	72	78	73.1
	Minimum	44	42	48	46	48	56	62	67	54	56	47	53	57	51	51	55	56	67	70	66	55	55	49	53	62	66	6	62	58	62	60	56.2
Shawmont	Maximum	69	60	76	70	71	85	87	89	88	76	67	70	80	80	70	75	83	87	86	82	66	62	77	70	75	77	80	80	75	74	79	76.3
	Minimum	44	35	47	48	36	47	56	61	53	57	52	51	53	49	45	55	61	65	65	63	54	53	45	49	57	65	54	53	52	53	54	52.7
Philipsburg[3]	Maximum	45	52	54	54	65	84	74	75	69	75	58	66	68	65	58	67	81	81	79	68	72	70	65	59	63	70	70	70	68	64	76	66.9
	Minimum	27	30	37	37	34	51	53	45	43	57	52	47	42	34	41	48	56	55	59	57	48	47	48	50	55	49	46	46	45	53	59	46.8
Phoenixville	Maximum	[illegible]																															
	Minimum	43	45	47	46	32	42	53	56	50	58	52	48	[illegible]	49	40	54	52	64	61	60	55	54	59	48	58	68	54	52	50	54	59	52.1[4]
Pittsburgh Arpt Sta.[3]	Maximum	48	58	56	58	61	86	74	75	69	81	80	68	70	65	60	81	83	83	82	78	70	74	68	63	61	70	72	71	70	77	78	70.6
	Minimum	32	34	42	40	40	55	59	48	47	58	60	52	44	40	46	57	63	60	63	59	50	49	54	54	57	54	55	56	54	58	62	51.6
Pittsburgh City Office[3]	Maximum	50	59	58	59	63	88	76	77	73	82	81	70	73	68	62	81	84	86	85	79	73	77	71	65	64	73	75	73	74	74	79	72.8
	Minimum	35	36	48	44	39	48	59	50	48	59	61	54	45	42	49	58	67	65	59	52	51	55	58	59	56	59	57	53	60	65	53	53.2
Port Clinton	Maximum	60	60	66	65	70	81	85	87	88	71	62	74	76	76	70	65	81	84	84	77	77	60	68	69	71	79	79	79	74	75	83	74.1
	Minimum	38	28	44	45	32	41	52	56	47	55	49	50	52	46	42	50	61	63	62	64	53	49	42	49	57	63	49	49	49	52	59	50.0
Pymatuning Dam[2]	Maximum	47	52	50	57	62	83	72	65	65	66	76	62	56	59	63	80	74	79	76	74	69	72	71	64	61	69	68	67	68	75	73	66.6
	Minimum	30	29	41	39	32	43	60	50	39	43	53	49	39	29	41	47	55	57	59	56	52	48	46	53	56	51	53	44	41	48	59	46.2
Quakertown	Maximum	67	61	71	64	70	83	84	88	72	70	60	74	76	72	64	73	82	85	81	80	65	70	68	70	72	77	75	75	73	70	76	73.2
	Minimum	37	30	43	44	42	41	51	53	46	35	48	48	49	45	40	50	62	62	61	59	50	45	49	36	50	61	64	49	51	46	57	48.5
Reading[3]	Maximum	55	61	70	61	72	87	83	89	76	65	55	77	78	71	62	72	81	88	85	79	57	63	71	72	75	80	81	77	75	66	79	72.8
	Minimum	42	40	47	47	46	53	64	62	51	55	52	51	54	49	48	52	63	67	65	57	54	51	47	52	58	65	57	58	55	59	59	54.2
Ridgway[2]	Maximum	45	54	53	38	63	85	75	72	73	64	72	67	62	64	66	77	80	82	79	69	73	72	73	63	70	70	68	70	70	66	73	68.6
	Minimum	30	23	25	38	26	39	45	50	45	46	51	56	44	27	28	34	54	55	57	57	57	48	38	39	51	54	47	36	39	39	55	42.8
Scranton[3]	Maximum	43	58	64	55	67	85	80	86	72	61	55	64	72	63	71	66	86	85	76	67	67	63	73	74	74	77	74	67	71	71	81	69.8
	Minimum	32	34	46	42	36	49	58	50	46	54	52	58	49	42	38	55	66	64	63	61	54	50	42	49	60	63	54	49	54	49	55	50.6
Selinsgrove	Maximum	67	60	66	59	70	85	86	86	72	73	70	73	76	74	68	70	84	85	84	82	70	69	69	70	71	78	79	75	80	75	74	74.2
	Minimum	36	29	46	43	32	42	53	55	44	58	53	53	45	42	39	53	62	62	63	59	55	53	43	51	64	48	40	41	41	41	50	48.9
Sharon	Maximum	58	57	57	62	63	88	88	74	69	68	84	75	62	64	68	67	80	76	81	80	76	77	77	76	65	74	74	74	72	71	[illegible]	71.7[a]
	Minimum	36	35	49	46	38	50	65	49	44	56	68	51	46	37	48	48	61	65	60	56	55	51	51	58	60	58	60	52	49	66	[illegible]	52.3[a]
Somerset	Maximum	54	59	57	53	62	81	77	77	75	80	79	65	70	68	65	75	82	82	81	78	70	70	69	60	69	68	70	69	68	70	73	70.4
	Minimum	29	23	44	38	26	36	51	48	48	57	58	52	44	41	38	47	52	57	61	59	56	46	38	49	55	52	48	47	44	54	59	47.0
Springs[6]	Maximum	47	59	57	50	59	79	71	79	72	78	70	63	68	64	58	72	82	79	79	76	67	66	66	69	67	65	73	73	73	74	77	67.4
	Minimum	28	21	42	36	26	38	47	47	48	53	56	50	46	42	46	45	48	48	56	55	53	44	38	47	54	51	42	42	40	52	59	45.2
State College[3]	Maximum	48	57	58	57	68	85	75	78	73	76	61	69	71	68	59	69	86	85	83	63	74	72	69	64	67	73	73	73	73	65	71	70.0
	Minimum	31	35	43	41	37	50	60	52	47	59	54	54	50	42	42	53	60	61	63	60	53	52	50	54	56	57	53	53	51	57	60	51.3
Stroudsburg	Maximum	65	63	69	66	73	85	85	90	90	77	63	72	79	75	74	69	84	88	88	81	70	62	73	75	73	73	80	78	76	76	83	76.0
	Minimum	37	30	44	46	39	44	53	58	46	53	50	49	46	45	36	53	60	60	62	60	52	51	40	47	57	62	49	47	46	45	54	48.8
Towanda	Maximum	52	59	63	57	70	86	80	72	71	61	57	63	71	62	67	68	86	85	75	67	65	67	75	74	71	79	78	69	78	68	80	69.9
	Minimum	32	28	45	42	36	45	53	52	44	50	53	53	45	35	32	52	63	61	60	55	53	55	40	52	61	58	50	45	51	46	53	48.4
Uniontown	Maximum	58	65	64	60	67	88	83	79	74	85	82	66	75	67	64	81	85	85	83	81	74	73	70	66	66	72	75	74	71	79	79	73.9
	Minimum	35	28	49	42	31	48	62	56	50	62	62	54	51	43	49	58	65	62	65	63	62	45	57	56	62	55	58	55	49	60	63	53.4
Vandergrift[3]	Maximum	52	59	60	61	64	89	77	79	75	83	82	74	73	70	65	83	84	86	85	78	75	78	74	67	68	74	76	75	74	76	79	74.0
	Minimum	36	30	45	43	32	43	46	53	48	59	62	57	46	40	47	54	64	61	64	61	54	52	45	55	58	56	57	52	46	58	64	51.2
Warren	Maximum	[illegible]									76	66	65	77	63	60	69	76	79	80	77	71	70	74	75	68	62	72	69	69	69	63	76	70.7[b]
	Minimum	30	31	50	39	32	48	60	56	64	59	48	63	50	31	34	51	59	58	59	55	51	47	43	53	57	59	53	44	41	54	58	49.4
Waynesburg	Maximum	56	60	60	59	69	86	81	76	70	83	80	68	73	66	65	80	84	84	84	82	71	74	73	67	65	71	74	73	72	78	80	73.0
	Minimum	33	27	46	40	32	45	59	57	47	57	61	53	45	41	46	53	64	61	64	62	59	44	47	50	66	54	55	52	46	59	62	51.0
Wellsboro[2]	Maximum	45	57	59	57	68	81	77	73	69	55	56	60	68	60	66	64	84	83	76	65	70	67	74	67	67	75	70	70	72	64	81	67.7
	Minimum	28	27	36	38	28	30	44	50	40	42	47	52	39	28	29	35	51	57	57	51	51	49	37	42	52	57	48	40	43	50	54	43.0
West Chester	Maximum	68	62	75	64	70	83	86	88	76	72	66	74	78	75	64	75	84	86	85	80	63	60	70	70	76	80	80	76	74	68	79	74.4
	Minimum	41	33	45	44	40	49	61	59	51	55	51	51	51	47	45	58	62	63	66	63	52	49	44	49	56	64	54	55	51	55	58	52.2
Wilkes-Barre[5]	Maximum	47	60	66	57	69	84	81	88	73	61	57	66	70	63	72	70	82	85	78	68	61	64	73	74	72	77	76	68	74	70	80	70.5
	Minimum	34	32	47	45	31	47	52	57	46	55	53	55	47	42	38	56	66	63	63	60	56	53	42	52	60	63	52	48	54	50	58	50.9
Williamsport	Maximum	62	62	65	60	74	90	84	85	74	73	63	72	78	68	67	66	85	89	85	75	67	72	73	71	72	80	78	77	79	73	76	74.0
	Minimum	35	31	46	44	35	46	56	58	46	56	54	54	47	37	37	55	57	62	63	60	54	53	43	52	59	62	50	48	50	54	58	50.4
Woodward[5]	Maximum	43	54	54	52	65	85	72	80	68	66	54	64	69	63	58	61	84	84	80	67	62	65	67	59	60	71	68	71	67	60	68	65.8
	Minimum	29	30	37	36	37	51	57	44	42	54	49	49	43	37	41	48	58	60	59	53	47	46	46	48	54	53	55	49	46	51	59	47.3
York	Maximum	74	63	74	68	72	89	84	90	78	80	78	80	80	78	71	75	88	91	88	77	74	70	72	71	76	82	83	81	76	75	79	78.0
	Minimum	40	29	49	45	32	44	56	54	51	58	56	58	46	50	40	53	64	65	66	62	56	55	44	51	59	65	51	54	48	58	61	52.3

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [6] At a fixed hour between sunset and 11:00 p.m.

[a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

Daily Evaporation(inches) and Wind Movement(miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Pymatuning Dam.. (a. m.)	Evaporation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Wind movement	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Shaver Creek..... (p. m.)	Evaporation	.210	.142	.056	.266	.154	.246	.162	.156	.062	.208	.254	.084	.230	.310	.080	.022	.102	.164	.162	.190	.140	.104	†	.018	.110	.106	.248	.202	.198	.084	.014	5.608
	Wind movement	196	49	99	135	41	54	58	54	72	20	35	39	58	62	37	29	26	25	21	47	40	121	31	24	31	56	58	47	51	9	10	1635
Wallenpaupack.. .. (a. m.)	Evaporation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	. ..
	Wind movement	....	....	....	....	....	....	....	....	.	....	....	....	....	..	....	....	....	....	....	....	..	.	....	....	....	....	....	....	....	....	....	.....

† 1.174

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. JUNE, 1943. No. 6.

GENERAL SUMMARY.

June was a month of extreme and violent weather. It was the hottest June in the period of record, and thunderstorms approached a frequency of one day out of every two. Forty-eight deaths were reported, which were attributed, directly or indirectly, to the weather.

In spite of the high average, extreme maxima were well below the records established in 1934, when the previous record high average was established. While an average daily surplus of 4.8° was built up during the month, the accumulated average daily excess for the first six months of the year is only 0.2°. Temperatures were generally above 90° from the 20th to the 28th, extremes occurring at most stations about the 25-28th. Cases of heat prostration, which were common throughout the month, increased sharply during the latter part. Twenty-six deaths were attributed to heat about the 27th, in contrast to seventeen from the 1st to the 26th. The heat wave was definitely broken by the 29th, and as the month closed, temperatures were approaching record summer lows.

Precipitation was adequate and well distributed until the 17th, but was spotty and of little consequence thereafter until the last few days of the month, and the State average was the lowest obtained for any June since 1933. The accumulated precipitation for the year is now 0.42 inch deficient. Thunderstorms, most general about the 17th and at the close of the month, were severe, much local damage resulting from lightning, wind, and heavy rain. Lightning killed three persons and injured a number of others. Reports of property damage were numerous. Many fires were started, utility interruptions were frequent, and some livestock were killed. Four deaths occurred in accidents caused by high winds. Heavy rain caused sudden flooding in some communities as drainage systems were overtaxed. Fields were eroded and crops and gardens were washed out. Hail, reported at scattered stations, was the size of hickory nuts on the 10th at Lock Haven, where it broke windows and damaged crops. On the 13th, hail the size of golf balls fell at Meckville, Berks County.

Crops and field work were still behind their normal stages at the end of the month. The excellent growing weather had partially counteracted the effects of an abnormally cold April, but the lack of rain was becoming increasingly apparent, as reserves, built up during excessively wet May, dwindled. The adverse affect of the cold winter and spring weather on winter grains and fruits was becoming apparent.

TEMPERATURE.

The mean temperature for the State, as determined from the reports of 77 stations, was 73.0°, which is 4.8° above the 56-year normal for June. The highest monthly mean was 79.7° at Marcus Hook, and the lowest was 66.3° at Kane. Extremes ranged from a maximum of 101° at Phoenixville, on the 4th and 25th to a minimum of 35° at Kane, on the 30th.

PRECIPITATION.

The average precipitation for the State, as determined from the observations at 201 stations, was 3.33 inches, which is 0.79 inch below the 56-year normal for June. The greatest monthly amount was 7.11 inches at Sharon, and the least, 0.71 inch at Hyndman. The greatest 24-hour amount was 3.05 inches at Susquehanna on the 17th.

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	68.4	100	30	3.04	.....	9	12	11	7
1889	66.7	95	33	5.43	.....	15	5	12	13
1890	70.1	97	33	3.42	.....	9	12	11	7
1891	68.2	100	30	4.50	.....	11	14	8	8
1892	71.8	99	40	5.64	.....	13	9	11	10
1893	69.8	100	38	3.12	.....	9	10	11	9
1894	69.6	102	30	2.57	.....	10	13	12	5
1895	71.4	104	32	3.50	.....	9	13	10	7
1896	67.4	98	32	4.64	.....	11	10	11	9
1897	64.8	96	28	3.38	.....	11	11	11	8
1898	69.6	100	33	2.79	.....	9	14	11	5
1899	69.9	101	32	3.51	.....	9	13	11	6
1900	69.9	97	35	3.60	.....	10	11	12	7
1901	69.1	103	32	3.47	.....	10	12	11	7
1902	66.0	97	32	5.97	.....	13	11	12	7
1903	63.5	90	34	6.53	.....	15	7	10	13
1904	67.9	96	32	4.06	.....	13	12	10	8
1905	68.0	99	30	4.39	.....	13	11	10	9
1906	69.3	97	28	5.43	.....	13	11	12	7
1907	63.6	98	30	4.99	.....	12	11	9	10
1908	68.8	102	28	2.36	.....	7	19	9	2
1909	68.8	96	34	4.48	.....	13	12	9	9
1910	65.4	95	32	4.31	.....	11	12	8	10
1911	68.3	99	38	4.71	.....	12	12	10	8
1912	65.6	96	29	3.36	.....	8	13	9	8
1913	68.2	99	20	2.26	.....	7	19	7	4
1914	68.6	101	25	3.71	.....	9	16	8	6
1915	65.6	92	31	4.00	.....	11	14	10	6
1916	63.7	89	28	6.14	.....	15	11	10	9
1917	66.8	92	32	5.38	.....	14	12	11	7
1918	66.0	98	29	3.46	.....	10	13	11	6
1919	71.2	102	32	3.90	.....	10	16	9	5
1920	67.0	99	32	4.97	.....	13	12	11	7
1921	70.6	101	26	3.12	.....	8	17	9	4
1922	69.5	96	30	5.11	.....	13	11	11	8
1923	70.9	103	32	2.73	.....	9	16	9	5
1924	65.8	98	26	5.57	.....	15	11	11	8
1925	71.9	104	29	3.04	.....	9	16	11	3
1926	64.1	94	23	3.63	.....	12	13	10	7
1927	63.8	99	25	3.72	.....	9	15	8	7
1928	65.5	93	30	7.96	.....	17	9	9	12
1929	67.8	98	28	3.56	.....	10	15	10	5
1930	69.1	100	22	4.20	.....	9	17	8	5
1931	68.5	102	28	3.71	.....	9	16	8	6
1932	68.5	98	26	3.15	.....	11	13	9	8
1933	70.9	107	28	2.58	.....	9	18	8	4
1934	72.9	104	35	3.64	.....	9	17	9	4
1935	67.4	96	33	4.22	.....	12	13	9	8
1936	68.5	100	33	3.80	.....	10	14	9	7
1937	69.5	99	38	4.37	.....	12	13	9	8
1938	67.1	99	32	5.14	.....	11	12	10	8
1939	69.9	101	35	4.46	.....	13	12	9	9
1940	67.8	95	31	4.11	.....	13	10	11	9
1941	68.6	99	31	4.95	.....	12	14	7	9
1942	69.0	96	34	3.82	.....	13	10	10	10
1943	73.0	101	35	3.33	.....	10	13	11	6
Period	68.2	107	20	4.12	.....	11	13	10	7

Climatological Data for June, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	74.4	+4.5	97	26	53	12	3.68	−0.26	1.22	17	0	11	16	7	7	sw.	Allent'n-Bethlehem Gas Co
Altoona-5 mi. W.	Blair	1,615	56	72.8	+6.2	93	28	47	30	3.01	−0.84	0.86	15	0	12	19	7	4	w.	City of Altoona.
Bethlehem	Northampton	364	57	74.4	+3.8	97	25	53	9†	4.28	+0.42	1.69	17	0	8	19	4	7	w.	Lehigh University.
Burnt Cabins-2 mi. E.	Huntingdon	990	2	73.8	.....	98	25	45	30	2.48	.....	1.05	28-29	0	7	22	1	7	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	74	75.8	+4.6	98	26	54	30	1.95	−1.91	0.82	9	0	9	21	3	6	sw.	Clarence E. Miller.
Chambersburg	Franklin	600	46	77.0	+6.9	100	25	55	30	4.71	+0.49	1.75	28-29	0	10	14	12	4	w.	William B Spear.
Coatesville	Chester	431	56	78.0	+7.8	99	26	54	10	4.12	−0.08	2.55	27	0	8	12	8	10	nw.	Howard L. Pyle.
Curwensville-6 mi. NW	Clearfield	2,215	1	68.0	.....	87	25	39	30	3.75	.....	1.19	28-29	0	13	10	11	9	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	2	68.1	.....	89	25	43	30	4.57	.....	1.35	21	0	13	18	6	6	ne.	Carl E. Bigger.
Emporium	Cameron	1,033	57	71.2	+5.3	94	25	43	30	4.78	+0.34	1.84	2-3	0	16	19	6	5	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	46	76 8	+7.1	99	25†	56	8†	3.46	−0.80	1.21	9	0	9	17	4	9	sw.	Ira J. Keath.
Everett-1 mi. SW	Bedford	1,020	21	.....	.....	98§	26†	57§	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	50	71.4	+6.4	89	25†	48	30	3.41	−1.55	0.55	1-2	0	14	15	1	14	w.	Andrew B. Evansha.
George School	Bucks	184	37	74.8	+5.4	95	25†	55	10	2.57	−1.10	1.20	17	0	11	20	5	5	s.	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	76.8	+6.5	97	26	56	30	1.70	−2.69	0.79	28-29	0	8	20	6	4	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	71.6	+5.4	94	26	49	26	6.38	+1.95	2.20	28	0	9	20	4	6	w.	Miss Sallie M. Johnson
Hanover	York	600	39	76.8	+5.4	96	25†	57	30	1.57	2.44	0.76	28-29	0	10	19	2	9	s.	Evening Sun.
Harrisburg Airport	York	351	74	76.8	+6.5	98	25	54	30	2.32	−1.27	0.83	9	0	7	3	16	11	w	U. S. Weather Bureau.
Hawley	Wayne	900	25	71.0	+5.0	98	25	45	6	1.68	−2.17	0.64	7	0	12	18	9	3	w	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	28	77.4	+4.8	97	26	61	9†	2.08	−1.13	0.62	27	0	11	13	10	7	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	56	74.8	+6.2	98	28	51	30	2.06	−2.06	0.50	9	0	12	14	10	6	w.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	76.1	+5.8	97	27	56	30	3.41	−0.65	1.80	26-27	0	9	22	4	4	w.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	73.0	+6.9	98	25	49	30	2.08	−1.84	0.82	7	0	7	16	10	4	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	76.0	+6.2	100	25	56	30	3.86	−0.49	1.46	8-9	0	10	21	7	2	sw.	Lebanon Valley Gas Co.
Lewistown	Mifflin	467	5	76.4	.....	98	25	55	6†	4.10‖	.....	1.78*	28-29	0	10	14	7	9	.....	Penna. Edison Co.
Lock Haven	Clinton	557	53	74.3	+4.5	99	25	50	30	3.83	−0.43	0.85	31-1	0	14	17	9	4	e.	William R. Kelley.
Marcus Hook	Delaware	12	17	79.7	+4.6	100	26	58	9†	4.31	+1.46	1.60	27	0	9	23	4	3	s.	Sun Oil Co.
Martinsburg	Blair	1,493	1	71.8	.....	92	28	45	30	1.25	.....	0.55	16-17	0	8	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose	Susquehanna	1,176	38	68.6	+5.0	93	28	47	30	2.37	−1.75	0.58	7	0	12	17	6	7	sw.	Harry S. Fancher.
Mt. Pocono Airport	Monroe	1,914	2	67.2	.....	89	26	44	30	2.65	.....	0.66	17	0	10	7	16	7	w	U. S. Weather Bureau.
Orangeville††	Columbia	610	5	70.5	.....	94	25	49	30	5.64	.....	1.30	7	0	12	13	12	5	w.	Benjamin F. Conner.
Palmerton	Carbon	455	25	73.8	+5.8	100	25	47	30	5.08	+1.37	1.50	17	0	11	12	7	11	w.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	2	76.8	+6.2	97	26	56	9	4.03	+0.79	1.26	17	0	8	5	16	9	sw.	U. S. Weather Bureau
Philipsburg‡-7 miles E.	Centre	1,916	1	67.4	.....	89	28	37	30	1.89	.....	0.79	28-29	0	10	2	17	11	w.	U. S. Weather Bureau.
Phoenixville	Chester	100	33	76.5	+4.7	101	4†	47	15	4.87	+1.50	0.80	8	0	10	17	8	5	sw.	Phila.-Suburban Water Co
Port Clinton	Schuylkill	407	5	73.2	+4.1	95	25†	50	6†	4.70‖	+0.24	1.41	28-29	0	8	20	6	4	n.	Earl E. Rarick.
Quakertown	Bucks	480	58	72.0	+3.6	95	26	49	10†	4.15	+0.24	1.71	17-18	0	9	17	8	5	w	John E. Benner.
Reading	Berks	273	73	76.6	+6.2	99	25	57	30	2.43	−1.12	0.79	9	0	8	7	14	9	sw.	U. S. Weather Bureau
Scranton	Lackawanna	746	49	73.2	+5.4	95	25	52	30	5.11	−0.56	0.92	22	0	11	4	21	5	sw.	U. S. Weather Bureau
Selinsgrove	Snyder	476	53	72.4[b]	+3.3	95	25	49[d]	8	3.55	−0.58	1.42	28-29	0	10	13	12	5	s.	Dr. George E. Fisher.
State College	Centre	1,217	59	73.2	+6.4	93	25†	47	30	1.50	−2.62	0.35	28-29	0	10	8	16	6	w.	Penna. State College.
Stroudsburg	Monroe	440	29	73.6	+6.8	97	25†	48	12	5.32	+1.00	2.03	17	0	9	16	4	10	w.	Metropolitan Edison Co.
Tamarack Twr.	Clinton	2,250	3	68.6	.....	88	4†	42	30	5.12	.....	1.76	2-3	0	14	11	11	8	w.	James E. Swartz.
Towanda	Bradford	754	49	72.2	+6.4	95	25	47	12	2.33	1.49	0.88	21	0	10	11	15	4	nw	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	73	69.0	+4.5	94	25	45	30	2.52	−1.21	0.66	2	0	11	14	11	5	s.	M. S. Bliss.
West Chester	Chester	440	94	74.6	+4.9	95	26	53	10	2.68	−1.87	0.69	27	0	9	18	6	6	w.	Clyde T. Saylor.
Wilkes-Barre	Luzerne	544	5	72.6	.....	95	25	51	12	2 97	−1.01	1.05	28-29	0	11	1	11	18	s.	U. S. Communication Sta.
Williamsport	Lycoming	550	57	74.4	+5.4	97	25†	51	30	3.08	−0.78	0.85	6-7	0	15	17	8	5	sw.	John D. McEwen.
Woodward-2mi- NE.	Centre	2,208	2	69.1	.....	89	25	44	30	3.02	.....	1.01	7	0	9	5	13	12	w.	U. S. Weather Bureau.
York	York	400	55	77.2	+7.0	98	26	54	30	2.60	−1.15	1.04	28-29	0	9	19	7	4	w.	York Water Co.
Division mean		.....	....	73.5	+5.3	101	4†	37	30	3.33	−0.79	3.05	17	0	10	14	9	7	w.	
Ohio Drainage																				
Bradford	McKean	1,680	2	69.6	.....	90	24†	46	30	6.18	+2.11	1.50	15	0	14	4	13	13	w.	City Water Dept.
Brookville	Jefferson	1,400	53	69.4	+5.8	91	25	40	30	2.47	−1.87	0.54	15-16	0	11	4	11	15	sw	Civil Aeronautics Auth'y
Butler	Butler	1,077	30	73.0	+5.0	96	25	49	30	3.96	−0.70	1.09	15-16	0	11	15	15	0	sw.	Butler Eagle.
Clarion-3mi SW.	Clarion	1,114	33	§	.....	94[b]	25†	47[b]	30	3.28	−0.88	1.15	7	0	12	.....	.....	.....	w.	Penna. Electric Co.
Claysville	Washington	1,170	38	72.2	+2.9	91	24†	49	30	3.33	−0.37	1.04	15-16	0	10	15	12	3	nw.	Walter B. Paget.
Corry	Erie	1,431	30	70.0	+4.7	92[a]	25	48	30	5.45	+0.64	2.25	4	0	12	16	13	1	...	Corry Evening Journal.
Coudersport	Potter	1,653	16	70.2	+6.4	96	25	45	6	3.92	−0.71	1.16	2	0	14	16	8	6	sw.	Philip R. Shaw.
Derry	Westmoreland	1,150	46	74.9	+5.9	98	24†	52	30	4.93	−0.01	2.36	16-17	0	9	19	11	0	w	Miss N. Dixie Wineman.
Donora	Washington	761	17	77.1	+5.7	97	24	55	30	1.39	−1.97	0.32	15	0	8	11	13	6	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	69.0	+4.0	88	25	46	30	3.12	−1.72	1.62	16-17	0	10	16	9	5	w.	Miss. Emma H. Eastman.
Franklin	Venango	987	69	71.2	+5.0	92	25†	51	30	4.85	+0.72	1.18	6-7	0	14	19	9	2	w.	William K. Fuller.
Greensburg-2 mi. S.	Westmoreland	1,160	34	74.7	+5.8	93	24	51	30	2.30	−2.09	0.95	13	0	9	14	16	0	w.	Westmoreland Water Co.
Indiana	Indiana	1,300	42	72.6	+4.7	92	24†	46	30	4.72	−0.03	2.20	16-17	0	11	13	12	5	s.	Indiana State Teachers Co
Johnstown	Cambria	1,650	61	72.6	+3.2	92	26†	49	30	2 97	2.23	1.58	17	0	12	19	10	1	sw.	Robert Tross.
Kane	McKean	1,938	10	66.3	+2.6	90	25	35	30	4.80	−0.08	1.11	27-28	0	17	6	17	7	sw.	U. S. Weather Bureau.
Meadville	Crawford	1,065	49	70.6	+4 9	95	25	43	6	4.43	+0.37	1.59	27	0	11	9	17	4	sw.	City of Meadville
Midland	Beaver	780	6	74.6	.....	94	24†	50	30	2.69	.....	0.75	15-16	0	9	8	20	2	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	73.6	+4.5	96	26	47	30	2.48‖	−1.81	0.57	26	0	11	20	10	0	sw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	74.6	+5.1	93	24	52	30	1.89	−1.92	0.92	16-17	0	8	7	19	4	sw.	U. S. Weather Bureau.
Pymatuning Dam	Crawford	1,050	2	70.1	.....	93	25†	48	6†	4.51	.....	0.83	6-7	.....	14	.....	.....	.....	e.	Pa. Dept. Forests & Wate
Ridgway	Elk	1,371	36	69.0	+4.8	92	25†	45	6	5.05	+0.67	0.80	7	0	16	8	15	7	s.	West Penn Power Co.
Sharon	Mercer	940	30	77.4	+8.0	100	25†	54	8	7.11	+3.43	2.49	15	0	9	19	10	1	se.	Carnegie-Illinois Steel Co
Somerset	Somerset	2,190	76	71 4	+6.2	91	24	49	20†	2.03	−3.61	0.82	28-29	0	9	4	21	5	sw.	D. L. Grove.
Springs	Somerset	2,500	26	68.6	+4.7	86	24†	42	30	3.04	−2.15	0.98	17	0	11	4	9	17	w.	Allen E. Yoder.
Uniontown	Fayette	1,060	55	75.7	+5.6	92	28	55	30	2.23	2.49	1.31	28-29	0	8	16	14	0	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	29	75.6	+6.2	94	25†	52	30	3.24	−1.00	1.46	17	0	8	9	20	1	.....	Carnegie-Illinois Steel Co
Warren	Warren	1,190	54	72.2	+6.9	96	25	48	30	4.43	−0.04	1.19	1-2	0	12	13	13	4	sw.	Merrill L. Jordan.
Waynesburg	Greene	1,100	12	74.6	+3.9	94	27	52	30	1.65	−2.53	0.85	28-29	0	6	2	28	0	w.	Thomas S Knox.
Division mean		.....	....	72.3	+4.1	100	25†	35	30	3.66	−0.46	2.75	13	0	11	12	14	4	sw.	
Lake Drainage																				
Erie	Erie	670	70	71.2	+5.0	90	12	50	7	1.65	−1.69	0.56	1-2	0	8	13	13	4	w.	U. S. Weather Bureau.
State mean		.....	....	73.0	+4.8	101	4†	35	30	3.33	−0.79	3.05	17	0	10	13	11	6	w.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. * Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, [a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., missing from therecord.

Figures and letters following station indicate distance and direction from the city and replace the previous designation 'near'. Locations not appearing here are shown in the Daily Precipitation Table.

‡ Philipsburg is Black Moshannon Airport. †† Formerly Bloomsburg [near]

Daily Precipitation for June, 1943

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2]	Pike	.30	.45				.38	.09	.09	.12	.03	'03			.05				.47				.42							.97	.30		3.70
Hawley[2]	Wayne	.13	.22	T.				.22	.42	.17	.06	.04			.01				.11									.01		.02	.47		1.68
Hollisterville[2]	Wayne	.02	.69					.22	.47	.06	.20	.05			.58				.14				.02							.04	.24		2.73
Lakeville[2]	Wayne	.17	.19					.31	.15	.18	.03	.02			.45				.09									.20		.05	.20		2.34
Matamoras[2]	Pike	.05	.71					.14	.23	.07	.12								.26				.09					.27		.14	.27		2.35
Mount Pocono[1, 5]	Monroe	.36	T.					.65	.02	.43	.11			.07				.66					.02						.12	.21			2.65
Pleasant Mount†	Wayne	.74	.10					.79		.07		.15										.08					.07						2.00
Stroudsburg	Monroe	.91						.44	.01	.42	.03								2.03								1.15			.31	.02		5.32
Tanners Falls†	Wayne	.62	.07	.08				.91		.11	.05			.04													.12			.05			2.05
LEHIGH																																	
Allentown[2]	Lehigh	.63	.12	T.				.20	.25	.25	.16	T.			.01				1.22									.05		.33	.46		3.68
Bethlehem†	N'rthampton	.52						.41		.37	.02			T.		T.		1.69									.69		.22	.36			4.28
Blakeslee Corners†	Monroe	.50	.02					.36		.41	.06			.14				1.05											.12	.18			2.84
Gouldsboro[2]	Wayne	.20	.16					.52	.22	.21	.15				.48				.48									.04		.35	.36		3.17
Lansford[2]	Carbon	.75	.05	.03				.64	.31	.21	.30	.07		*	.29		T		.71				T.					.12		1.00	.18		4.66
Mauch Chunk	Carbon	.85	.14					.62		.65	.11			.03			T.		.87											1.00			S
New Tripoli	Lehigh	.56	.05					.41		.53	.02			.33		T.		.08	.35											.02	1.33			3.68
Palmerton†	Carbon	.56	.01					.90		.47	.01			.20		T.		1.50				.25					.16		.83	.25			5.08
Zionsville	Lehigh	.40	.21					.63	.01	.61	.01	.02			.03				1.24									.76			.61	.02		4.55
SCHUYLKILL																																	
Conshohocken	Montgomery	.27	.22	T.				T.	.50						.26				.70									.41	.34	*				2.70
Fredericksville[2]	Berks	.41	.23	.01				T	1.13	.47	.18	T.			.06		T.		1.65									.27		.32	.29			5.02
Freeland[2]	Luzerne	.30	.48	.07				.41	.06	.36	.38	.08			.06				.38									.08	.20	.41	.20			3.41
Gratersford[2]	Montgomery	.31	.46						.83	.91	.12				*				.98									.63		.52				4.76
Phoenixville[2]	Chester	.34	.33	.02					.69	.80	.08				.60				.74									.74		T.	.53			4.87
Port Clinton	Schuylkill	.21	.13						.44	.84		.06			.29				1.32											1.41				4.70
Pottstown[2]	Montgomery	.33	.18	.20					1.65	.58	.16				.30		T		.76									.52		.14				4.82
Pottsville[2]	Schuylkill	.47	.27	.02				.48	.26	.50	.21	.02			.97		T.		.71											1.48	.36			5.75
Reading†[1]	Berks	.34	T.					.14		.79	T.			.15		.01		.42									T.		.17	.41			2.43
Wernersville	Berks	.12	.17					T.		1.18	T.			.12		.05	T.		.11								T.			.48			2.23
LOWER DELAWARE																																	
Coatesville[6]	Chester	.09	.20					.02		.84									.13								.01	2.55		.28				4.12
Doylestown	Bucks	.32	.08					.20	.01	.24	T.								2.45									.48		.86				4.87
George School	Bucks	.19	.04					.54		.16	T.			.06				1.02	.18								.02	.08	.02	.26	T.			2.57
Marcus Hook[2]	Delaware	.04	.05						.14	.50	.38	T.			.17				1.13					T.					1.60		.30			4.31
Philadelphia Airport Station†[1]	Philadelphia	.06	.04					.47		.49				.65				1.26	T.									.24		.82				4.03
City Office†[1]	Philadelphia	.20	.01					.10		.37				.42				.93	T.					T.			T.	.70		.45				3.18
Franklin Inst.[2]	Philadelphia	.15	.10						.15	.25	.09				.53				1.25									.40	1.10		.53			4.55
Shawmont	Philadelphia	.23	.26					.10	.20	.48					T.			T.	1.65					T.				T.	.10	.20				3.22
Quakertown	Bucks	.41	.02					.81		.46				.02	T.			.70	1.01									.24		.48				4.15
West Chester[3]	Chester	.10	.07					.06		.65								.20	.08						.65		T.	.69		.18				2.68
West Grove[2]	Chester	.05	.10							.63	.13				.17				.57										2.00	.07	.56			4.28
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg†	Tioga	.23	.06					1.22	.06	.04	.04			.54				.36	.01	.02	.01	.06			.01		.01		.34				3.01
Centerville[2]	Bradford	.20	.10						.82		.03	.06		.10					.59				.47					.07		.30				2.74
Covington[2]	Tioga	.50	.05	.28					.49	.19	.08			.02					.30									T.		.42	T.			2.33
Lawrenceville	Tioga	.58	.11					.82		.14				.05		T		.26										.12		T.				2.08
NORTH BRANCH																																	
Canton[2]	Bradford	.44	.10	.25		.01		.01	.39	.25	.10	.10		.21	T.				.26											.05	.32			2.49
Danville[2]	Montour	.47	.51	.06				.43	.20	.25	.17	.05			.10		.05		.13				.25	T.				.03		.38	.55			3.63
Kellogg Mt Tower[2]	Bradford	.37	.31	T.		.03			.76	.25	T	T.			.06				.17				.02							.08	.16			2.21
Millville†	Columbia	.99	.04					.77		.26				.02				77									.09		1.19	.38			4.51
Montrose[2]	Susquehanna	.06	.49	.04		T.			.58	.04	.01	.50			.03				.38				.04	T.				.07			.13			2.37
Orangeville[2]	Columbia	.18	.46	.06				1.30		.13	.30	.07			T.				.54				.70					.53		1.09	.28			5.64
Orwell[2]	Bradford	.17	.13					T.	.40			T.		.09	.10				.57				.04							.32	.09			1.91
Park Place[1, 5]	Schuylkill	.87	.08					.41		.57	.01			.51		.01		.71											1.36	.15			4.68
Pikes Creek†	Luzerne	.70	.09				.03	.53		.50				.10	.21			.33				.19					.02		.76	.53			3.99
Rush[2]	Susquehanna	.51	T					T	.94	.07	T.				.15				.17				.82	T.				T		T.	T.			2.66
Scranton†[1]	Lackawanna	.64	T.				.02	.66		.21	.02			.16				.05					.92				T.		.13	.29	.01			3.11
Susquehanna[2]	Susquehanna	.03	.52						.58	.04		.07			T.				3.05			.17	.39					.56		.02	T.			5.43
Towanda	Bradford	.39	.01			.05		.49		.09	T.			.07			T.	.15	T.			.88	T.						.04	.16	T.			2.33
Tunkhannock†	Wyoming	.35						.35		.15	.03			.24				.02					.38						.36	.07				1.95
Wilkes-Barre[5]	Luzerne	.63	.03				.12	.13	.01	.53	T.			.11				.31				T.	T.				.05		.77	.28				2.97
WEST BRANCH																																	
Ansonia[2]	Tioga	.34	.08	.67		.02		.09	.35	.17				.40			.02		.08									.37		.24				2.83
Bald Eagle†	Blair	.58						.31		.09							.15	.39											.17	.18				1.87
Berwinsdale[2]	Clearfield	.28	.18			.54		.12	.05	.08	T.						.22	.30	.35				.02						.03	.81				2.98
Carter Camp†	Potter	.28	.68		.11			.87		.18				.99														27	*	*	*			S
Cedar Run[2]	Lycoming	.96	.10	1.28		.10		.37	.29	.15	.08	.10		.38	.35		.06		.32				.16							.39	.32			5.41
Clearfield[2]	Clearfield	.65	.12	1.16		.39		.09	.18	.05	.01				.35		.07	.39	.04											.93	.01			4.44
Curwensville[1, 5]	Clearfield	.62	.48		.48		T.	.25	.02	.04	T.			.19		.05	.40	.01				T.					.02		.81	.38			3.75
Driftwood†	Cameron	.79	.71	.06	.27			.81		.27		.12		.40				.10									.08		.14	.39				1.14
Du Bois, 7 miles E	Clearfield	.47	.26	1.10		.37	.02	.43	T.	.07	T.			.45		.03	.03	.19					.04					.03	.58	.33				4.40
Dushore†	Sullivan	.53	.04					.39		.23					.13			.70				.12							.80	.09				3.03
Eagles Mere[2]	Sullivan	.36	.42	.15				.10	.31	.18	.26	.05			.53				.47				1.35							.20	.19	T.			4.57
Emporium[2]	Cameron	.42	.05	1.84	.02	.20		.35	.21	.15		.02	T.	.48	.14		.06		.39		.01	T.			T.	T.	T.	.22		.22				4.78
English Center†	Lycoming	.62	.81				.03	.26		.20				.24				.57								*	*	*	*	*				2.73
Galeton	Potter	.34	.76	.17		.05	T.	.60		.13	.03			.64		.02	.03	.15									12		.01	.27				3.32
Karthaus[2]	Clearfield	.68	.10	.01		.12		.11	.10	.05	.39	.06		.03	.15		.02	.14	.05											1.01	.10			3.12
Lock Haven[2]	Clinton	.85	.15	.53				.48	.15	.23	.11	.60			.10			.02	.06					.01						.36	.18			3.83
Medix Run†	Elk	.73	.13		.30		.20	.73		.17	.20			.15		.07	.01	.82									.02		.10	.28				3.91
Philipsburg[1, 5, 7 mi. E	Centre	.18	T.		T.		T.	.19	T.	.07	.01			.01		T.	.19	.40				.05					T.		.46	.33				1.89
Renovo[2]	Clinton	1.47	.15	1.11		.05			.48	.15	.06	.16			.18				.15									.07			.26	.21			4.50
Shaffers Path[2]	Lycoming	.73	.27	.15		.01		.79	.19	.22	.23	.10			.34				.14					.08											3.65

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Susquehanna Basin (continued)																																	
WEST BRANCH (continued)																																	
State College‡	Centre	.33	.01		T.		.18	.21	T.	.15	T.	T.		.01		T.	.03	.23									T.		.14	.21			1.50
Tamarack Tower[2]	Clinton	.76	.11	1.76	T.	.19		.35	.21	.17	.04	.12		T.	.52		.02		.10											.48	.29		5.12
Wellsboro[2]	Tioga	.32	.09	.66					.52	.14				.04	T.		.01		.06										.09	.56	.03		2.52
Williamsport[2]	Lycoming	.64	.18	.12		.03		.59	.26	.18	.09	.03			.20		.02		.18					.25						.04	.27		3.08
JUNIATA																																	
Altoona	Blair	.22	.42	.06		.19		.13		.06	.05			.16		.86		.19	.31								T.		.36				3.01
Bedford[2]	Bedford	.20	T.						.10		T.				•		.38		.60									.27	.43				1.98
Breezewood Intch[3]	Bedford	.40						.40						.14		.52		.03									.22	.31	T.	.56			2.58
Buffalo Mills[2]	Bedford	.08															.22												.30	.39			0.99
Burnt Cabins[3]	Huntingdon	.33						.05		.10						.82		.13	T.										.48	.57			2.48
Charter Oak‡	Huntingdon	.40			.03			.15	.03	.07	.03					.10	.04	.55											.03	.07			1.50
East Waterford[2]	Perry	.29	.22	T.				.15	.04	.03	.53	T.			.14		.49	.01	.24								T.		.02	.54	.35		3.05
Everett	Bedford																									.08	.02	.17			.35		§
Huntingdon[2]	Huntingdon	.38	.11		T.			.02	T.	.45	.05	.12			.01		.36	.12	.20								T.		.02	.22			2.06
Lewistown[2]	Mifflin	.50	T.					.21	T.	*	.58	.08					.05	T.	.72								T.	.18	1.63	.15			‖4.10
Loop Mt. Tower[2]	Huntingdon	.19	.08			.01		.01	.01	.23	.15	.05					.73	.15	.07											.01	.44			2.13
Mapleton Depot[2]	Huntingdon	.24	.16					.02		.01	.04	T.					.79	.14	.35										.05		.32		2.12
Martinsburg[3]	Blair	.04						.03	T.	.02	T.			T.		.30	.06	.49									.01		T.	.30			1.25
Newport[2]	Perry	.30	.08					.09		.12	.32	T.					.06	.07	.43										T.	.74	.15		2.36
Saxton[2]	Bedford	.49	.23					.08	.07	.06	.02						.40	.01	.23									T.		T.	.47			2.06
Shade Gap‡	Huntingdon															.84		.23											.03	.43			§
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	.28	.12						.02	.20	.06						.39	.01	.03										.06	1.13	.51		2.81
Bloserville	Cumberland	.22	.08					.23		.95	.02			T.		.50	.02		.24								T.		.01	.35			2.62
Blue Mt. Intchg...[3]	Franklin	.70						T.	*	.31	.01					.01		.01											.02	.03	.35			1.44
Carlisle	Cumberland	.13	.17							.82	T.			T.		.13		.10	.14										.02	.08	.36			1.95
Columbia[6]	Lancaster	.07	.13					.09		.69						.06			.57								T.	2.06		1.38			5.05
Ephrata	Lancaster	.46	.30					.16		1.21				.05		.06	T.		.15								.48	T.		.59			3.46
Glen Rock‡	York	.19	.02					.24		.49						.07		.48									.30	.19	.05				2.03
Gordon	Schuylkill	.58	.12					1.22		.48		.02		.40					1.18										2.20	.18				6.38
Hanover[2]	York	.06	.09							.28	.03		.05				.07		.15									.08	T.	.37	.39			1.57
Harrisburg Arpt‡[1]	York	.24	T.					T.	T.	.83	T.					.12		.23										.63	.04	.23				2.32
Holtwood[2]	Lancaster	.06	.10						.23	.30	.09				T.		.02		.13									.25	.62	.02	.26			2.08
Huntsdale[2]	Cumberland	.42	.31							.52	.09				.07		.03		.15										.03	.54	.36			2.52
Kirkwood‡	Lancaster		.10					.11		.05	.37																.40	.18	.27					§
Lancaster	Lancaster	.09	.08					.02		.63							.03		.14									1.74	.06	.62				3.41
Lebanon[2]	Lebanon	.36	.28							1.26	.20	.22					.12		.14									.36		.56	.36			3.86
Manada Gap[6]	Dauphin	.33	.37					.04		.90	.03	.22				.11		.44					T.						.53	.15				3.12
Middletown[3]	Dauphin	.85	T.	T.				T.	T.	1.05	T.		T.			.12		.19										.12	.35	.57				3.25
Millersburg‡	Dauphin	.33								.58	.30					.05		.52											.75	.20				2.73
New Park	York	.26						.32		.70							.23		.46									.56	.37	.12				3.02
Penn Nursery[2]	Centre	.21	.19	T.				.26	.14	.09	.06	.02						.05	.04									.04		.27	.02			1.39
Peters Mt. Tower[2]	Dauphin	.28	.19	T.						.60	.33	.01				.09			.19										.03	.40	.18			2.30
Pine Grove[2]	Schuylkill	.74	.15	T.				T.	.10	.60	.35	.27			.30		.04	T.	.90											1.24	.51			5.20
Ringtown[2]	Schuylkill	.02	.91	.12				*	.69	*	.57	T.			1.04		.02		.77										.14	.98	1.09			6.35
Selinsgrove	Snyder	.74	.11	.05				.24		.51		.22		.04					.22										.13	1.29				3.55
Shippensburg	Cumberland	.14	.20							.24						.30			.32										T.	.84				2.04
Sunbury[2]	N'umberland	.97	.31	.06				.08	.02	.37	.05	.09			.01		T.		.36				T.							.73	.35			3.40
Woodward[1, 5]	Centre	.58	.68				T.	1.01	T.	.13	.16	T.		T.		T.	T.	.02					.05				T.		.25	.14				3.02
York	York	.31	.15					.45		.45			.05				.08		.05									.02		1.04				2.60
York Haven[2]	York	.22	.33						.05	.40	.26						.01		.14										.05	.62	.15			2.23
Potomac Basin																																	
Chambersburg[2]	Franklin	.03	.09							.27	.01		.22				1.39		.38								T.	.57	1.42	.33			4.71
Gettysburg	Adams	.03	.03							.15	.01		.03				.08		.58									T.	.79				1.70
Hewitt‡, 2 miles S.	Bedford	.06												02		.02		.39								•	.17		.10	.14			0.90
Hyndman[2]	Bedford	.05	.08					.05		T.	T.		T.		T.		.05		T.								.14			T.	.34			0.71
McConnellsburg[2]	Fulton	.13	.35							.19					T.		1.50		T.									.13	.60	.10	.38			3.38
Mercersburg	Franklin	*	.40							.18						.97			.10									•	2.35	.16				4.16
South Mt. San't'm[2]	Franklin	.03	.32							.04	T.						.80		.14											.61	.57			2.51
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.03	.02						.18	.01					.27		.38	.04	.22										.07	.70	.03			1.95
Allens Mills‡	Jefferson	.15	1.61	.03	.91	.04	.19	.67		.11				.07		.46	.16	.11											.12	.31				4.94
Blairsville[2]	Indiana	.11	.08	T.				T.	.07						.49		.11	1.51	.96									.38	.16	.34	T.			4.21
Boswell‡**, 6 miles W.	W'moreland	.12	.07					.04		.04				1.19		.52	.15	.09										.02	.16	.40				2.80
Bradford	McKean	.40	.88	.03		.04		1.22	T.	.03				.03		1.40	.10	.21				.08					.30		.31	1.15				6.18
Brookville[5]	Jefferson	.02	.09		.52		T.	.37	T.	T.				.15		.54	.19	.21									.04		.16	.18				2.47
Buckstown‡	Somerset	.01												.28		.29	.08	.05										.05	.16	.36				1.28
Cherry Grove‡	Warren	.38	.49	.16	.40			.70	.05	.05			.01	.13		.69	.17	.24									.66	.12	.56	.04				4.85
Clarion[2]	Clarion	.19	.15	.02		.30		.68	.47	.08							.22	.18	.30									.45		.24				3.28
Corry	Potter	.53	.94	.02	2.25	.01		.54	T.							.19	.16	.04	T.								.40	.24	.13	T.	T.			5.45
Coudersport[6]	Erie	.48	1.16	.07		.04		.67			.05	.31		.51		.08	.03	.11									.01		.32	.08				3.92
Crooked Crk. Dam‡	Armstrong	.73	.02							.04				.90		.26	1.52												.85	.47				4.79
Derry	W'moreland	.08	.09					.25						1.33		.07	.06	1.98	.38										T.	.69				4.93
Dunlo‡	Cambria	.15						.10						.09		.04	.36	.50									.29			.46				1.99
Ebensburg[2]	Cambria	.19	.41	.10						.10	T.					.05	.05	.91	.71											.40	.20			3.12
Franklin[2]	Venango	.30	.36	.40		.18		.72	.46	.10					T.		.77	.34	.02				.04					.38	.56	.22				4.85
Glen Hazel[2], 1 mile NE	Elk	.60	.20	1.69		.47		.85	.59	.08		.17		.23	.25		.28	.15	.32				.02					.03	.01	.07	T.			6.01
Home‡	Indiana	.22			.22	.02		.03						.04		.45	2.01	.09	.08								.09		.99	.61				4.80
Indiana	Indiana	.34	.44		T.	T.	T.	T.		.03				.06		.06	.30	2.20	.16									.28	.32	.53				4.72
Johnstown[6]	Cambria	.14	.05					.05		.02				.31		.13	.06	1.58									.04	.05	.02	.52				2.97
Kane[5]	McKean	.12	.25	.06	.62		.01	.92	.06	.03	.02			.30		.89	.04	.29				.06					.01	.30	.81					4.80
Laurel Hill Tunnel[3]	W'moreland	T.	.06					.14						1.11		.46	.15	.42											.13	.55				3.02
Lycippus	W'moreland	.05	.20	.03				.03		T.	T.	T.	.55	2.75		.10	.10	T.	.25										T.	.50				4.56
Mahoning Dam‡	Armstrong	.78						.16		.01				.24		.60	.21	.11									.17		.70	.15				3.13
Marienville‡	Forest	.38	.14	.04	.20	.05	.03	1.16		.09				.22		.61	.15	.07									.20		.06	.05				3.45
Meadville[2]	Crawford	.21	.15	.89				.67	.17							.14	.08	.26	.12									T.	1.59	.15	T.			4.43
Mosgrove[2]	Armstrong	.15	.55					T.	.03	.01							.55	.87	.17									.01		.55				2.91
Parkers Landing[2]	Armstrong	.08	.32			.10			.15	.05						.08		.90	.21	1.13								.05		.55				3.62

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Stations	Counties	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALLEGHENY (continued)																																	
Pittsburgh City Off[1]	Allegheny	.04					T.	.01			.02			.19		.18	.08	.53										.10	.23	.24			1.62
Port Allegany[2]	McKean	.05	.18	.78		.03		.27	.54	.03		T.		.54	T.		.15	.07	.33				.15					T.	.04	.03			3.19
Punxsutawney[2]	Jefferson	.32	.41	T.		.38		T.	.26	.03				.04	.07		.36	.35	T.									.05		.92			3.19
Ridgway[2]	Elk	.37	.64	.33		.54		.80	.31	.14		.14		.12	.18		.35	.02	.67				.03					.26		.15			5.06
Saltsburg[2]	Indiana	.14	.12					T.	.20	T.					.65		.16	.73	.64									T.	.07	.64			3.35
Seward[2]	Indiana	.13	.15					.09	.01						.29		.11	2.16	1.18									.83	.02	.48	.10		5.55
Smethport‡	McKean	.67	1.02		.06			.83						.40		.18	.01	.21				.70					.03		.46	.14			4.71
Strongstown‡	Indiana	.76			.05			.04		.03					.14	2.62	1.42											.17	.33				5.56
Tionesta Dam‡	Forest	.36	.43					.86		.09				.28		.80	.09	.02									.64	.15	.12				3.84
Titusville‡	Crawford	.20	.62					.67						.08	.04	.45	.23	.16									.72	.18	.78				‖4.13
Union City‡	Erie	.20	.74	.03	.55			.27								.56	.03	.04				.07					.68	.40	.04				3.61
Vandergrift[3]	Westmoreland	.25	.17											.16		.05	.25	1.46										.40	.50				3.24
Warren[2]	Warren	.18	.21	.98		.24		.30	.80	T.				.12			.40	.10	T.									.10	.50	.50			4.43
Youngsville‡	Warren	.35	.74		.51			.91						.07		.97	.07	.03									.04	.18	.26	.14			4.27
MONONGAHELA																																	
Confluence[2]	Somerset	.11	.04				T.	.13		T.			T.				1.01	.01	.04									.04		.13	.50		2.01
Connellsville[2]	Fayette	.16							.04						.10		.52		.11							.04			1.07	.22		2.26
Donora[3]	Washington						T.	.17		T.		T.		.28		.32	.25	.23	.01										.08	.05			1.39
Greensboro[2]	Greene	.28						.01	.06			.04	T.				.85	.09	.26											.79	.88		3.26
Greensburg	Westmoreland	.04	.01					.07						.95		.16	.10	.26	.33										T.	.38			2.30
Irwin	Westmoreland	.04						.03					T.	.32		.04	.17	.95	.76				.03					T.	.17	.50			3.01
Meyersdale[2]	Somerset	.03	.17					.05					.39		.10		.13		.09											.01	.23		1.20
Murrysville‡	Westmoreland							.11						.66		.14	.15	1.01											.65	.45			3.17
Newell[4]	Fayette	.05											.12		.15		.80		.16										.03	.70			2.01
Pittsburgh Arpt.‡[1]	Allegheny	T.	T.				T.	.01		T.				.27		.10	.10	.90										.09	.23	.19			1.89
Rices Landing[2]	Greene	.14										T.			.06		.52	.05	.15											.72	.26		1.90
Somerset	Somerset	.06	T.	.09				.05	T.					.60		.08	.20	.07	.06											.82			2.03
Springs[6]	Somerset	.24					.18	.09		.01		.01		.19		.28	.14	.98	T.											.78			3.04
Uniontown	Fayette	.15										.01		.11		.27	.23	.12	.03											1.31			2.23
Waynesburg	Greene	.18														.21	.16	.14	.11											.85			1.65
BEAVER																																	
Beaver Falls[2]	Beaver	.02	.17					.01	.04			.08			T.	T.	2.33	T.	T.									T.	1.22				3.87
Butler	Butler	.11	.52		.15			.11		.12	.01					T	1.09	.93	.06										.01	.85			3.96
Greenville	Mercer	.62	*		*		*	*		*						*	1.58	1.13	T.								1.53	.30	.43	T.	.01		‖5.60
Mercer[5]	Mercer	.32			.07		.10	.62	.03	T.				.09	T.	.87	.73	.13				T.				T.	.03	.85	.50		.01		4.35
New Castle	Lawrence	.04	.27	T.			.07	.02						.01		.42	.38	.48	.22								.30	.27	T.				‖2.48
Penn Line[2]	Crawford	.04	.26	.14				.92	.19	T.						T.	.84	.13	.46				.02						.91	.50			4.41
Pymatuning Dam[2]	Crawford	.25	.34	.05				.83	.15	.17	T.	T.			T.	.15	.50	.60	.27	T.			.02	T.				.21	.82	.15			4.51
Sharon[2]	Mercer	.24	1.28							.03	.01					.41	2.49	2.12										.12		.41			7.11
OHIO																																	
Claysville[2]	Washington	.34							.06			.02	.06		.03		1.04	.12	.66										.03	.97			3.33
Coraopolis[2]	Allegheny	.02							.01						.09	.02	.55		.23											1.58			2.50
Midland[2]	Beaver	.04	.28							T.					.19	.01	.75	.02	.14										.67	.59			2.69
Mt. Lebanon	Allegheny	.13		T.			T.	.10						.37		.06	.18	.76										.50	.25	.88			3.23
Washington‡	Washington	.01					.10	.02						.02		.98	.05	.37											.57	.08			2.20
LAKE DRAINAGE																																	
Erie‡[1]	Erie	.34	.22		.19			.43								.21	.03	.07										.16					1.65
Raymond‡	Potter	.44	.64		.05			.93	.01	.08				.36			.04	.37				.10					.10	.94					4.06

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. [6] Observation taken at a fixed hour between sunset and 11:00 p.m. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T.(trace), when precipitation is less than .01 inch. ‖ Record partially estimated. ** Boswell was formally Laurel Hill Summit.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum* velocity	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.26	8	29.62	28	7.4	26	w.	1	80	....	71	65	42
Harrisburg	30.23	30	29.63	2	6.8	31	ne.	27	77	54	64	65	14
Philadelphia	30.22	8	29.62	2	8.3	29	nw.	1	76	55	67	54	6
Philipsburg	30.29	30	29.65	2	8.8	38*	w.	1	87	62	75	....	56
Pittsburgh	30.28	30	29.66	2	9.3	29	nw.	28	79	51	60	69	7
Reading	30.22	30	29.61	2	9.5	37	nw.	17	72	52	52‡	70	10
Scranton	30.22	14	29.60	2	6.3	24	nw.	22	80	60†	....	61	21

* For any five-minute period. ** Corrected to true velocities.
† Local noon § Also other dates. ‡ 4:00 p. m. * One-minute interval

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.4	5.5	3	2.0	28	18
Easton	Delaware	3.9	7.0	3	1.9	29	22
Lehighton	Lehigh	3.8	5.0	18	3.0	27†	9
Reading	Schuylkill	4.3	5.7	18	3.3	28	13
Wilkes-Barre	N. Br. Susquehanna	5.5	9.2	5	2.8	30	22
Williamsport	W. Br. Susquehanna	3.7	11.1	3	1.0	29	20
Newport	Juniata	4.3	5.4	3	3.7	26	22
Harrisburg	Susquehanna	4.6	6.0	5	3.6	28	17
Schenley,(nr) Lock No. 5	Allegheny	14.6	19.1	4	12.3	27	24
Sutersville	Youghiogheny	3.8	7.4	1	2.7	27	0
Charleroi(nr.), Lock No. 4	Monongahela	11.8	15.4	1	10.8	29	30
Pittsburgh	Ohio	*	*		*		5
Midland, Dam No. 7	Ohio	*	17.0	1	*		30

* Pool stage. † On other days also.

Daily Temperatures for June, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	83	85	91	93	88	83	72	67	63	66	83	83	90	85	84	90	86	84	89	91	92	93	90	92	96	97	95	92	80	74	....	85.2
	Minimum	61	64	68	70	72	57	60	57	58	54	59	53	60	63	61	67	65	64	61	68	67	66	63	60	66	73	72	72	71	58	....	63.7
Altoona	Maximum	83	85	88	90	86	83	79	68	66	72	81	82	86	84	88	83	85	79	85	87	87	89	86	89	91	92	92	93	82	70	....	83.7
	Minimum	65	60	71	72	66	50	64	56	57	56	61	62	69	57	62	66	62	61	57	59	62	63	57	58	64	68	71	69	64	47	....	61.9
Arendtsville	Maximum	85	89	92	93	91	83	85	66	62	65	83	82	92	86	87	90	91	85	89	92	94	95	93	93	97	97	97	94	78	70	....	86.5
	Minimum	65	60	74	66	70	60	64	57	57	60	63	61	68	67	64	68	67	60	57	60	61	65	68	60	65	68	71	70	70	51	....	64.0
Bethlehem[3]	Maximum	84	83	91	93	87	84	72	69	62	64	84	84	90	86	83	90	84	83	89	91	94	93	88	92	97	95	96	90	77	65	....	84.7
	Minimum	64	67	72	76	63	58	63	57	53	53	58	56	65	66	62	69	65	64	63	70	72	68	66	62	72	68	68	70	64	53	....	64.2
Blue Mt. Interchange[3]	Maximum	92	90	92	94	90	84	82	82	62	67	85	83	92	87	86	90	90	82	88	90	94	96	90	96	98	100	98	98	84	68	....	87.7
	Minimum	66	60	78	72	70	58	62	58	59	59	63	66	71	63	66	68	68	68	60	62	66	72	62	62	70	72	70	70	66	50	....	65.2
Bradford	Maximum	81	80	86	89	87	77	70	71	72	73	77	83	84	84	83	80	81	76	84	85	84	85	84	90	90	89	88	88	80	65	....	81.5
	Minimum	64	61	65	65	55	48	54	50	51	54	48	55	64	55	65	64	66	53	55	64	58	56	51	56	58	57	68	64	57	46	....	57.6
Breezewood Intchg[3]	Maximum	88	88	90	86	86	90	82	74	66	74	84	86	88	88	90	88	90	82	88	90	94	92	90	92	96	98	92	94	80	64	....	86.3
	Minimum	62	60	72	70	68	54	60	60	60	58	60	62	64	62	62	68	64	60	54	58	58	62	58	60	64	64	68	68	60	54	....	61.8
Brookville[5]	Maximum	80	79	85	86	79	75	75	74	70	74	80	85	86	85	84	84	80	77	83	84	86	87	87	89	91	90	88	88	75	61	....	81.6
	Minimum	61	62	68	64	50	47	57	57	57	54	51	55	59	56	63	66	61	54	50	54	57	57	52	57	60	64	65	64	54	40	....	57.2
Burnt Cabins[3]	Maximum	88	90	94	94	88	84	85	68	64	68	84	83	93	87	90	90	92	84	90	92	93	95	91	92	98	96	97	95	84	68	....	87.2
	Minimum	64	60	68	65	68	53	60	54	58	58	62	60	63	58	64	66	63	57	54	56	58	61	56	57	64	64	69	67	64	45	....	60.5
Butler	Maximum	82	86	86	89	88	81	81	75	77	79	80	81	87	86	92	92	88	83	84	90	89	91	89	91	93	96	92	94	90	78	....	86.3
	Minimum	64	62	63	70	66	50	50	50	55	56	55	55	54	58	67	67	64	61	54	60	56	61	55	58	63	67	69	66	67	49	....	59.7
Carlisle	Maximum	86	87	94	94	90	85	85	70	64	65	83	88	92	85	88	90	94	85	90	92	93	95	91	92	97	98	96	95	84	82	....	87.5
	Minimum	65	62	64	66	71	58	66	55	58	60	62	62	68	65	66	65	68	62	60	63	63	65	65	61	67	70	74	70	70	54	....	64.1
Chambersburg[6]	Maximum	89	91	96	97	92	87	89	69	67	69	88	86	91	91	88	91	95	86	92	95	96	97	95	96	100	97	99	95	83	70	....	89.3
	Minimum	65	62	73	67	72	59	66	58	60	60	63	64	67	64	63	68	69	62	59	61	63	66	64	62	69	69	73	70	70	55	....	64.8
Clarion[6]	Maximum	....	....	....	....	....	....	....	....	76	78	84	87	88	87	88	86	83	81	87	88	88	89	90	93	94	94	92	90	77	73	....	.....
	Minimum	....	....	....	....	....	....	....	....	57	57	53	54	62	57	62	64	63	58	53	58	60	64	55	56	54	58	60	55	64	47	....	.....
Claysville[2]	Maximum	83	84	86	87	82	84	76	76	77	77	81	87	86	87	85	84	83	79	85	84	88	86	88	91	90	90	91	90	77	64	....	83.7
	Minimum	64	67	72	66	63	55	55	56	56	52	53	56	58	63	67	66	65	57	56	57	59	62	56	57	59	67	66	68	68	49	....	60.8
Coatesville[6]	Maximum	86	90	94	95	90	86	85	73	65	69	85	85	94	86	86	90	91	86	92	95	96	96	91	93	98	99	98	91	84	72	....	88.0
	Minimum	63	64	74	78	78	74	65	57	56	54	63	62	66	69	59	72	69	75	72	73	72	69	70	60	76	75	71	72	72	58	....	68.0
Columbia[6]	Maximum	88	87	93	95	92	85	86	70	65	67	85	84	95	88	89	92	95	86	92	94	95	96	93	94	99	99	98	95	84	77	....	88.6
	Minimum	66	62	62	67	71	60	67	59	58	57	62	62	70	66	61	64	69	65	61	68	66	67	64	63	70	70	74	73	71	58	....	65 1
Corry[6]	Maximum	....	78	85	89	75	73	68	73	71	74	78	86	83	87	87	82	86	77	85	86	87	85	87	91	92	89	89	88	71	61	....	81 3*
	Minimum	62	60	67	63	53	50	56	50	56	54	51	51	70	57	65	66	65	57	56	60	60	61	52	56	62	68	68	64	58	48	....	58.7
Coudersport[6]	Maximum	84	78	88	89	81	80	70	75	69	77	83	86	88	89	85	87	82	81	90	87	91	89	93	94	96	96	95	90	80	63	....	84.3
	Minimum	62	58	61	62	56	45	56	53	51	56	50	48	60	54	58	67	61	53	49	56	58	50	53	56	59	66	63	65	58	46	....	56.0
Curwensville[5]	Maximum	77	78	83	84	78	74	70	65	64	71	77	77	82	80	79	81	78	74	81	81	83	83	82	86	87	86	85	82	72	57	....	77 9
	Minimum	59	60	67	62	54	50	55	54	54	55	52	56	58	60	65	63	60	56	58	61	59	61	57	61	65	67	67	62	50	39	....	58.2
Derry	Maximum	84	84	89	89	88	83	82	76	78	78	83	88	90	90	85	83	84	81	85	86	88	90	87	93	92	93	92	92	79	74	....	85.5
	Minimum	67	67	72	71	73	54	65	60	61	59	57	58	59	64	72	67	66	63	59	58	62	66	59	69	69	71	73	70	67	52	....	64.3
Donora[3]	Maximum	88	88	91	90	85	86	80	80	81	82	84	91	93	88	85	88	86	84	89	90	93	94	92	97	96	93	95	95	81	71	....	87.9
	Minimum	69	73	75	74	66	58	66	60	59	59	64	62	72	67	70	68	66	62	61	63	68	69	64	61	70	71	74	72	71	55	....	66.3
Eagles Mere [2]	Maximum	79	80	84	86	77	77	63	68	63	58	80	80	77	76	82	81	82	78	84	84	82	85	80	85	89	88	87	85	71	62	....	78.4
	Minimum	56	57	59	64	62	49	52	50	49	51	53	54	57	57	56	61	61	56	56	56	62	62	60	61	62	67	67	69	66	43	....	57.8
Ebensburg[2]	Maximum	73	79	83	85	78	80	71	70	62	72	78	81	82	84	80	81	80	74	80	82	84	83	84	87	88	86	87	87	74	52	....	78.9
	Minimum	61	58	69	63	65	50	58	59	57	56	55	57	62	55	61	56	61	59	54	56	60	61	54	53	64	66	67	67	66	46	....	59 2
Emporium	Maximum	84	80	87	90	82	81	69	72	69	76	81	84	88	85	87	86	84	80	87	88	88	89	87	92	94	94	92	89	79	67	....	83.7
	Minimum	61	57	62	67	59	67	56	54	53	56	54	49	62	57	57	67	61	59	51	56	68	60	52	56	62	64	62	65	60	43	....	58.6
Ephrata	Maximum	86	86	94	95	93	87	83	72	67	66	87	86	95	89	88	91	92	86	92	95	97	96	94	95	99	99	97	94	88	76	....	88.8
	Minimum	65	63	70	69	72	58	66	56	56	58	61	59	68	65	62	67	67	65	62	64	64	66	67	61	69	70	73	72	71	58	....	64.8
Erie[3]	Maximum	83	80	84	86	68	62	57	66	68	73	73	90	81	80	88	76	79	76	84	84	84	80	81	85	89	90	88	88	72	63	....	78.6
	Minimum	64	63	74	68	58	54	50	51	53	55	57	63	64	62	69	65	68	64	67	72	71	70	64	67	72	75	74	72	54	53	....	63.8
Everett[3]	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	91	89	93	91	91	94	98	94	96	98	81	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	63	58	63	58	58	58	62	64	68	67	57	....	.....
Franklin[2]	Maximum	82	83	87	87	76	75	74	76	77	77	81	85	87	86	85	86	83	80	86	86	87	86	88	90	92	89	92	91	76	63	....	83.1
	Minimum	60	61	63	65	62	52	53	55	56	55	55	54	54	59	60	66	66	60	57	57	60	61	58	58	60	64	68	66	67	51	....	59.4
Fredericksville[6]	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	89	93	92	87	91	100	100	99	91	83	68	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	75	77	61	60	55	73	72	61	68	64	49	....	.....
Freeland	Maximum	80	81	84	88	84	81	74	75	78	57	77	77	84	84	83	86	84	77	82	85	86	87	83	86	89	89	87	86	78	73	....	81.5
	Minimum	61	61	66	70	65	52	57	51	52	53	55	57	63	61	61	66	61	62	60	65	66	66	60	63	70	71	70	69	58	48	....	61.3
George School[6]	Maximum	82	86	91	92	88	84	73	70	65	69	83	83	91	83	84	89	85	83	88	90	93	92	87	89	95	95	93	89	83	71	....	84.9
	Minimum	62	64	70	71	70	57	63	56	57	55	58	56	65	67	59	70	63	65	61	68	69	67	69	65	73	73	73	75	66	56	....	64.8
Gettysburg	Maximum	84	87	91	92	91	87	85	81	65	65	80	81	91	86	86	87	92	89	88	90	90	92	90	91	95	97	96	92	91	75	....	86.9
	Minimum	67	63	70	68	72	63	67	60	58	60	64	66	70	67	68	70	70	64	65	64	65	67	69	64	71	70	77	75	71	56	....	66.7
Gordon	Maximum	86	82	89	90	89	83	80	74	65	62	82	81	88	86	86	86	86	82	87	89	89	90	88	92	93	94	93	90	78	78	....	84.6
	Minimum	64	64	60	62	62	49	64	54	54	56	56	51	66	57	59	53	53	58	52	57	57	61	56	58	62	63	67	67	62	50	....	58.5
Greensburg	Maximum	83	84	88	88	84	85	81	75	78	78	81	88	86	90	86	86	84	80	85	86	89	90	87	93	92	94	92	91	84	74	....	85 3
	Minimum	66	65	70	69	67	55	65	59	60	58	60	60	68	64	70	64	66	61	59	60	63	65	61	72	70	69	68	70	67	51	....	64.1
Hanover[2]	Maximum	86	86	92	95	92	83	87	67	65	66	85	81	93	87	88	89	93	85	90	93	92	94	93	91	96	96	95	92	76	68	....	86.5
	Minimum	65	63	71	71	74	64	67	61	61	59	60	65	69	68	67	69	71	65	63	67	67	67	70	66	70	73	74	74	72	57	....	67.0
Harrisburg[3]	Maximum	89	90	93	94	89	86	84	66	64	66	84	84	93	86	87	90	92	86	90	92	96	96	95	95	98	97	94	94	80	67	....	87.2
	Minimum	67	63	74	70	70	63	62	59	58	60	64	64	71	69	68	69	68	66	64	68	69	67	69	64	73	73	70	71	65	54	....	66.4
Hawley[6]	Maximum	84	83	90	93	81	83	66	77	60	65	79	82	90	83	90	83	83	83	89	93	93	93	90	92	98	95	95	94	80	68	....	84.5
	Minimum	55	58	63	64	63	45	57	53	54	53	51	46	63	55	59	67	55	58	52	59	60	60	52	56	62	59	67	68	60	51	....	57.5
Holtwood[3]	Maximum	85	86	91	93	88	83	82	70	68	70	82	82	91	84	86	88	91	84	90	91	92	92	92	91	95	97	93	91	82	75	....	86 2
	Minimum	66	64	68	70	70	64	67	64	61	61	66	66	71	72	66	70	72	68	68	70	72	73	73	68	73	75	75	76	68	61	....	68 6
Huntingdon	Maximum	86	89	92	93	89	85	81	71	65	73	84	85	92	87	89	90	90	83	90	91	91	94	90	94	96	97	97	98	90	74	....	87 5
	Minimum	63	59	76	69	68	51	66	57	60	59	61	59	63	59	61	69	66	57	59	58	58	65	56	57	65	65	67	68	68	51	....	62 0
Indiana	Maximum	82	84	86	88	86	81	75	76	75	75	80	86	85	89	90	85	85	79	82	83	86	87	87	92	92	91	88	89	85	75	....	84.1
	Minimum	64	58	66	67	64	52	63	56	58	55	57	60	65	58	67	64	60	59	57	58	60	62	58	64	66	68	68	66	63	46	....	61.0
Irwin	Maximum	83	85	88	89	89	87	83	78	80	79	84	89	90	89	85	85	82	85	86	89	90	90	94	94	93	91	91	89	79	66	....	86.8
	Minimum	64	63	68	67	63	52	61	55	56	53	56	56	57	61	68	64	64	57	56	58	56	62	56	59	66	68	68	68	65	49	....	60.5
Johnstown[6]	Maximum	83	84	87	89	82	82	75	75	71	76	83	83	83	87	85	83	84	76	84	86	87	87	90	90	91	92	89	92	77	65	....	83.3
	Minimum	69	64	71	73	67	54	64	58	61	59	56	59	64	61	65	66	63	62	56	56	60	63	58	59	51	68	70	69	65	49	....	62.0
Kane[5]	Maximum	79	75	83	85	75	75	70	69	66	73	77	82	83	82	83	82	78	75	83	82	85	85	85	88	90	87	88	85	73	61	....	79.5
	Minimum	57	57	64	58	44	42	54	51	51	53	45	54	53	49	60	62	52	51	52	53	55	51	51	54	58	62	62	60	44	35	....	53.1
Lancaster	Maximum	87	86	93	94	93	91	85	81	69	67	87	85	92	85	91	90	88	90	92	92	94	93	92	96	96	97	91	89	76	66	....	88.5
	Minimum	65	61	66	66	69	57	64	59	57	59	62	60	66	62	62	66	66	64	59	62	64	66	65	61	67	68	71	71	71	56	....	63 7
Lawrenceville	Maximum	88	82	91	93	91	81	77	73	70	72	79	84	89	90	83	86	83	90	93	91	92	89	94	98	96	97	94	88	75	66	....	86.6
	Minimum	52	60	64	65	60	52	52	52	54	55	53	50	69	57	62	70	64	57	64	62	61	63	57	57	64	61	68	68	60	49	....	59.4
Lebanon[2]	Maximum	86	87	93	94	88	85	84	70	66	67	84	83	93	86	87	91	91	86	90	92	95	96	93	94	100	98	95	94	81	68	....	87.2
	Minimum	60	62	63	69	70	60	66	57	60	57	59	61	66	65	65	68	69	64	62	63	65	68	66	65	71	71	73	72	72	56	....	64.8
Lewistown	Maximum	85	87	91	93	90	90	86	80	70	67	87	87	91	89	89	92	92	90	93	91	92	95	94	96	98	97	96	93	86	83	....	88.9
	Minimum	66	62	69	70	72	55	56	57	60	60	61	60	67	62	63	69	69	63	59	59	64	67	61	63	69	70	71	70	71	55	....	64 0
Lock Haven[2]	Maximum	88	81	92	95	89	87	72	71	64	75	87	87	91	87	90	92	90	86	93	93	93	95	92	96	99	97	97	97	84	67	....	87.6
	Minimum	67	60	64	65	63	51	59	57	56	58	59	54	65	59	61	71	60	61	55	61	62	63	58	59	62	69	69	70	63	50	....	61 0
Marcus Hook[3]	Maximum	84	92	96	98	93	86	88	76	69	76	85	88	93	93	88	93	93	90	94	97	99	98	91	90	98	100	99	90	87	76	....	90.0
	Minimum	64	68	74	76	73	68	65	60	58	58	66	66	69	69	71	74	68	69	69	74	76	75	72	68	79	81	72	78	73	60	....	69.4
Martinsburg[5]	Maximum	79	82	87	87	81	81	75	65	62	71	80	81	85	84	84	84	85	76	83	85	87	88	86	89	91	91	90	92	78	59	....	81 6
	Minimum	63	65	74	72	60	55	59	57	57	58	56	61	64	60	66	66	63	60	57	60	63	63	61	61	67	69	72	71	54	45	....	62.0

Continued on page 44.

Daily Temperatures for June, 1943 Continued from page 43

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Mauch Chunk	Maximum	78	81	87	90	89	82	75	70	67	62	80	82		81	84	80	87	81	...			...						90	80	78		...
	Minimum	...	57	62	73	52	49	61	56	55	55	55	46		61	55	62	60	59	..	..	..							60	49		
Meadville[2]	Maximum	83	84	86	88	73	72	69	72	75	76	79	86	81	86	89	86	82	80	82	87	89	87	87	91	95	89	93	90	75	65		82.6
	Minimum	63	61	67	65	58	43	60	49	53	49	53	52	60	56	64	65	65	60	55	57	60	61	55	55	62	65	66	64	65	49		58.6
Mercer[5]	Maximum	83	84	86	87	74	77	74	74	75	78	80	86	86	87	89	86	83	79	85	86	85	84	86	91	91	90	92	90	74	66		82.8
	Minimum	52	65	68	61	52	47	49	48	50	50	51	55	58	56	65	63	59	57	55	55	60	59	19	58	57	52	55	64	50	42		55.4
Middletown[3]	Maximum	88	86	92	92	88	84	82	68	66	67	88	83	93	85	87	88	92	92	89	91	92	94	92	95	96	98	94	94	79	77		87.1
	Minimum	64	64	68	67	67	57	60	60	61	59	62	62	70	70	66	68	63	63	60	64	70	65	66	63	71	68	70	73	60	59		64.4
Midland	Maximum	86	87	89	90	81	79	82	77	78	79	82	89	88	90	89	88	87	85	88	90	90	90	89	94	94	94	92	92	91	85		86.5
	Minimum	63	63	70	67	63	56	55	55	56	57	59	59	66	62	68	70	70	61	60	63	61	65	62	62	66	70	69	69	61	59		62.7
Montrose[2]	Maximum	80	79	85	88	72	76	59	71	60	58	73	78	85	81	84	76	80	76	85	87	87	86	85	88	91	90	90	93	76	60		79.3
	Minimum	52	59	61	68	60	48	52	50	50	52	53	53	56	56	56	63	60	59	58	63	63	61	59	61	65	62	68	70	59	47	....	58.0
Mt. Lebanon	Maximum	84	85	87	90	82	85	78	79	78	79	81	87	91	87	88	85	85	83	86	86	89	89	88	93	92	92	93	91	79	66	....	85.3
	Minimum	61	69	71	70	65	60	65	56	56	62	61	60	69	62			65	59	59	62	63	65	60	61	67	71	70	70	59	56	....	63.1[b]
Mt. Pocono[5]	Maximum	78	77	83	86	75	78	62	66	55	57	74	75	83	80	79	78	72	74	81	83	84	85	83	84	88	89	86	83	71	58	....	76.9
	Minimum	60	59	66	64	56	48	54	51	51	52	54	48	61	58	59	59	56	58	56	61	60	62	54	56	67	64	67	66	58	44	....	57.6
New Castle	Maximum	86	87	89	90	90	78	80	74	80	80	83	87	90	92	90	87	88	84	86	91	89	90	88	88	95	96	90	92	92	75	....	86.9
	Minimum	65	64	62	70	63	52	50	51	55	53	54	55	70	58	67	66	64	58	57	60	63	62	57	56	55	69	68	67	68	47	....	60.2
Orangeville	Maximum	84	81	89	90	83	82	75	72	67	64	83	85	88	84	88	88	88	82	88	88	90	89	90	91	94	92	93	92	81	66	....	84.2
	Minimum	61	56	60	62	57	48	50	50	53	55	53	51	62	55	56	64	57	60	50	56	57	53	68	56	60	60	64	65	58	49	....	56.8
Palmerton[3]	Maximum	84	85	95	97	89	84	70	71	61	64	83	84	93	88	87	91	84	86	92	93	95	97	93	94	100	99	99	95	76	69	....	86.6
	Minimum	63	63	66	67	60	51	57	57	56	57	55	49	68	63	63	64	62	60	55	63	62	64	61	60	69	67	70	70	63	47	....	61.1
Park Place	Maximum	76	78	83	86	77	77	66	63	56	58	75	74	83	79	77	81	79	75	81	82	86	86	82	83	89	87	88	84	71	59	....	77.4
	Minimum	57	55	66	61	49	45	52	52	52	56	58	63	60	60	63	61	60	59	66	66	66	66	64	63	69	71	70	66	52	45	....	59.3
Philadelphia Airport Station[3]	Maximum	85	88	93	94	90	86	83	72	65	72	85	84	92	82	86	90	91	87	90	92	94	94	87	91	95	97	94	91	84	70	....	86.8
	Minimum	64	66	70	73	71	61	63	59	56	57	62	61	68	66	63	71	66	66	67	70	70	70	68	65	75	75	75	75	70	57	....	66.7
City Office[5]	Maximum	83	86	91	94	90	86	78	71	64	70	85	84	91	83	84	89	89	86	89	90	93	92	87	90	93	94	93	88	82	72	....	85.6
	Minimum	63	66	72	78	72	66	62	60	56	59	64	66	68	67	65	73	68	67	72	72	78	75	70	67	77	78	73	76	71	59	....	68.7
Franklin Institute[2]	Maximum	85	88	92	94	88	83	83	73	66	72	84	84	93	82	86	89	92	87	89	93	96	96	89	92	97	97	95	91	85	69	....	87.0
	Minimum	65	66	75	78	80	74	68	60	60	58	58	67	72	71	66	74	69	68	70	72	73	76	76	69	70	80	79	75	79	63	....	70.4
Shawmont	Maximum	84	86	92	94	92	86	86	76	70	70	84	83	92	91	85	90	90	90	90	91	94	93	88	91	96	95	92	89	88	75	....	87.4
	Minimum	64	63	68	70	72	56	66	58	58	54	59	57	68	67	61	70	64	65	60	65	69	67	68	63	72	72	72	75	69	57	....	65.0
Philipsburg[3]	Maximum	78	80	84	86	80	78	71	62	57	72	79	78	85	81	82	82	80	75	82	82	84	86	83	86	88	87	87	89	74	57	....	79.2
	Minimum	61	68	69	67	47	43	53	52	53	53	47	57	58	51	67	64	60	49	49	57	54	54	48	52	62	61	66	63	50	37	....	55.6
Phoenixville	Maximum	89	92	98	101	98	92	91	84	76	74	89	90	98	99	92	96	96	87	96	97	97	100	94	95	101	100	100	90	82	73	....	92.2
	Minimum	65	62	66	69	69	55	65	57	59	53	58	53	55	51	47	56	49	51	58	63	65	64	64	59	72	70	70	73	70	56	....	60.8
Pittsburgh Arpt Sta.[3]	Maximum	84	84	87	88	83	83	75	77	78	77	80	89	89	89	84	85	82	80	85	85	88	89	87	93	93	90	92	90	78	64	....	84.3
	Minimum	66	71	72	71	62	56	60	58	58	60	64	64	70	64	68	65	65	62	64	63	66	67	66	69	70	72	70	69	59	52	....	64.8
Pittsburgh City Office[3]	Maximum	87	87	89	90	84	86	76	78	78	81	84	90	89	88	89	86	83	88	89	90	90	95	94	93	94	92	90	84	80	64	....	86.4
	Minimum	69	74	75	74	64	61	60	58	60	61	63	63	70	64	70	69	67	65	65	65	68	70	67	67	73	76	75	72	62	54	....	66.7
Port Clinton	Maximum	83	83	90	94	94	85	83	72	69	69	81	84	90	89	83	87	87	81	86	89	93	93	91	90	95	95	95	95	90	73	....	86.3
	Minimum	63	59	60	65	67	50	64	53	56	57	58	50	61	63	60	64	65	59	54	60	62	62	58	58	67	65	68	68	61	50	....	60.2
Pymatuning Dam[2]	Maximum	83	83	88	82	72	72	66	70	72	75	77	86	86	86	88	83	82	80	85	85	88	86	84	88	93	90	93	89	74	65	....	81.7
	Minimum	63	61	69	69	58	48	56	48	54	49	49	53	62	53	65	64	63	57	55	58	61	61	52	54	63	67	67	65	64	48	....	58.5
Quakertown	Maximum	80	84	89	91	88	81	79	69	65	66	81	82	88	82	83	87	85	82	85	89	92	91	86	89	94	95	92	89	85	72	....	84.0
	Minimum	61	59	64	68	69	52	52	55	56	49	55	49	63	63	58	66	58	60	55	61	61	63	63	56	67	66	68	70	64	51	....	60.1
Reading[3]	Maximum	85	85	92	93	89	84	78	68	65	67	85	84	92	84	85	91	89	85	90	92	95	94	90	93	99	98	97	93	79	68	....	86.3
	Minimum	65	65	72	74	69	62	62	60	58	58	61	58	68	68	66	70	68	67	66	71	70	69	71	65	75	76	77	74	67	57	....	67.0
Ridgway[2]	Maximum	81	77	86	87	79	79	75	71	68	75	80	85	88	85	84	85	82	85	81	87	90	88	91	92	92	90	90	78	65	....	82.6
	Minimum	58	57	60	59	56	45	46	54	55	55	52	51	51	57	58	62	57	58	48	52	56	57	53	53	56	58	62	62	63	47	....	55.3
Scranton[3]	Maximum	84	82	90	93	80	81	71	74	62	65	78	83	88	83	86	83	85	81	89	90	91	91	87	91	95	94	92	92	78	61	....	83.3
	Minimum	65	63	69	72	62	53	56	55	56	57	61	53	69	64	66	67	65	66	61	68	66	65	58	63	71	66	74	71	62	52	....	63.2
Selinsgrove	Maximum	84	84	90	91	91	88	77	69	68	66	81	81	89	89	84	90	87	84	87	88	90	92	87	90	95	94	93	93	82	77	....	85.4
	Minimum	55	51	52	54	54	53	51	49	52	...	...	...	...	62	65	63	68	60	57	61	62	65	61	63	66	66	69	71	63	54	....	59.5[1]
Sharon	Maximum	82	83	93	93	92	79	69	78	79	81	85	94	94	96	96	79	80	85	92	92	92	92	91	92	100	100	97	95	94	75	....	88.3
	Minimum	71	67	75	75	66	57	58	54	60	58	60	61	72	63	72	71	68	66	64	67	69	69	63	64	71	76	72	71	70	56	....	66.4
Somerset	Maximum	80	80	84	86	81	84	82	76	76	75	81	82	88	82	83	89	85	83	82	78	82	83	87	88	88	91	90	88	90	89	85	73	....	83.4
	Minimum	63	62	67	60	62	58	64	58	60	58	53	54	62	64	62	63	63	60	54	49	52	58	50	54	63	61	67	68	65	49	....	59.4
Springs[6]	Maximum	78	79	82	83	78	80	73	75	74	72	77	81	84	84	82	78	81	73	79	80	83	83	84	86	85	85	86	86	73	61	....	79.5
	Minimum	60	64	65	68	62	53	62	51	58	56	53	54	56	64	58	61	60	59	49	59	51	58	52	54	60	59	60	65	60	42	....	57.7
State College[3]	Maximum	81	84	87	89	84	84	75	66	61	71	81	82	88	88	87	87	86	80	87	87	90	91	89	91	93	92	92	93	79	62	....	83.6
	Minimum	65	62	70	72	63	55	56	54	56	57	58	61	68	62	68	70	64	62	60	64	63	66	60	62	71	70	72	71	55	47	....	62.8
Stroudsburg	Maximum	80	84	92	95	95	87	78	75	76	66	85	85	92	90	87	89	88	85	91	93	93	94	93	93	97	97	95	95	87	77	....	87.8
	Minimum	62	58	64	64	66	49	63	55	57	53	57	48	63	59	59	66	59	60	52	59	61	63	57	57	64	62	67	68	63	49	....	59.5
Tamarack[2]	Maximum	82	71	86	88	78	77	65	66	58	71	70	78	84	78	83	80	80	75	82	83	83	85	81	84	88	87	86	85	79	57	....	78.3
	Minimum	61	59	63	67	62	51	55	51	51	51	54	55	57	58	57	65	62	58	58	60	62	62	61	62	64	65	67	67	59	42	....	58.9
Towanda	Maximum	87	83	91	93	85	80	76	73	66	65	80	85	89	84	89	83	87	81	89	92	92	91	87	92	95	94	94	90	81	65	....	84.6
	Minimum	65	59	63	65	63	51	55	53	55	55	53	47	69	58	60	72	63	57	53	61	60	63	59	57	66	61	69	71	60	50	....	59.8
Uniontown	Maximum	83	85	87	89	86	85	82	77	78	78	79	88	90	87	86	83	85	79	81	86	88	89	88	90	90	91	91	92	89	77	....	85.4
	Minimum	66	72	72	72	69	59	68	62	61	59	64	64	68	69	70	67	67	65	60	59	62	66	62	67	69	71	73	74	69	55	....	66.0
Vandergrift[3]	Maximum	85	86	90	93	86	83	78	79	82	81	85	91	93	90	89	88	85	84	89	88	90	93	90	91	94	94	94	92	83	66	....	87.1
	Minimum	64	64	69	70	67	56	65	69	60	58	59	59	71	61	71	68	65	62	57	59	63	66	60	62	67	76	71	70	62	52	....	64.0
Warren	Maximum	84	80	89	91	84	76	72	76	76	78	81	88	88	89	83	85	83	81	89	90	92	91	90	95	96	93	94	88	83	65	....	85.0
	Minimum	65	60	64	65	56	50	59	53	55	57	55	52	68	58	62	67	64	56	54	57	59	60	57	58	64	64	68	64	63	48	....	59.4
Waynesburg	Maximum	84	84	87	88	85	87	82	79	80	79	85	88	88	88	87	83	82	81	86	86	91	92	90	92	91	91	94	90	88	75	....	86.1
	Minimum	66	73	73	67	65	55	64	58	58	54	62	58	65	66	69	67	63	61	55	56	58	64	58	60	66	69	70	71	67	52	....	63.0
Wellsboro[2]	Maximum	84	77	88	90	77	79	61	70	66	72	78	84	87	84	87	81	85	79	87	88	88	88	85	91	94	92	93	88	79	63	....	82.2
	Minimum	58	57	65	60	59	47	54	51	52	53	55	48	51	52	55	65	63	54	51	57	56	58	50	55	57	58	61	67	59	45	....	55.8
West Chester[3]	Maximum	84	85	91	92	88	84	82	71	65	68	82	83	92	85	85	87	88	84	89	90	93	93	88	90	94	95	94	88	82	68	....	85.3
	Minimum	63	62	69	71	70	59	61	56	56	53	60	60	65	65	59	68	65	63	60	64	68	67	63	63	70	71	70	70	68	55	....	63.8
Wilkes-Barre[5]	Maximum	84	80	89	91	82	83	70	74	61	70	79	88	93	85	88	86	86	83	89	89	90	93	88	92	95	94	93	93	79	77	....	84.5
	Minimum	65	60	64	69	56	52	56	56	57	58	54	51	69	62	65	65	65	58	52	62	63	63	59	60	67	65	72	70	56	54	....	60.8
Williamsport	Maximum	89	85	93	95	90	81	71	71	70	66	82	84	91	85	88	89	89	85	91	92	93	94	88	92	97	97	95	96	87	84	....	87.0
	Minimum	66	60	64	64	64	53	61	57	56	58	58	52	69	60	62	71	65	62	55	62	63	64	59	61	68	68	71	70	62	51	....	61.9
Woodward[5]	Maximum	80	74	83	86	79	77	68	60	56	61	75	75	85	79	84	80	80	74	82	83	85	85	82	86	89	87	87	86	74	57	....	78.0
	Minimum	62	64	68	68	54	54	51	51	52	53	57	59	61	58	65	65	60	60	59	63	63	66	64	65	68	70	68	66	48	44	....	60.2
York	Maximum	87	87	93	95	95	91	87	83	69	67	86	86	93	90	89	91	93	92	90	92	95	96	96	97	97	98	97	93	92	79	....	89.9
	Minimum	68	62	67	66	69	58	65	59	58	60	64	64	69	64	66	67	68	63	58	62	63	66	64	61	68	68	71	73	71	54	....	64.5

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [6] At a fixed hour between sunset and 11:00 p. m.

[a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

Daily Evaporation(inches) and Wind Movement(miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Pymatuning Dam.. (a. m.)	Evaporation	....	....	....	....	....	....	.064	.144	.369	.167	.110	.255	.165	.242	.238	.216	.206	.208	.201	.255	.222	.204	.252	.282	.164	.200	.203	.313	.198	.266	....	5.144
	Wind movement	....	....	...	....	....	....	9	29	37	28	17	12	35	31	22	16	37	14	11	20	18	24	5	28	2	12	17	34	19	42	....	519
Shaver Creek..... (p. m.)	Evaporation	.118	.186	.186	.194	.314	.200	.120	.098	.018	.000	.330	.064	.200	.148	.110	.226	.346	.234	.218	.202	.173	.202	.147	.170	.246	.266	.188	.236	.364	.222	....	5.726
	Wind movement	17	59	35	34	37	8	23	12	5	2	0	29	6	27	16	31	28	38	19	13	8	16	15	12	16	20	15	15	45	67	....	668
Wallenpaupack... (a. m.)	Evaporation	....	.133	.159	.198	.275	.300	.186	.038	.114	.018	.012	.216	.185	.195	.244	.399	.019	.090	.270	.282	.320	.228	.260	.254	.230	.280	.189	.252	.252	.142	....	5.740
	Wind movement	....	497	170	40	144	87	45	32	35	31	121	53	109	131	81	82	171	54	127	136	91	92	15	99	66	19	64	79	167	58	....	2896

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. JULY, 1943. No. 7.

GENERAL SUMMARY.

July brought a return to more seasonal weather as temperatures averaged only slightly above normal. The accumulated average daily excess for the year remains 0.2°. All stations, excepting Erie and Pymatuning Dam, reported extremes below those of June. Lowest temperatures occurred on the 1st when killing frosts were reported in a few mountain areas and new record minima for July were established at scattered points. Among these were Philadelphia and Harrisburg, with records of 73 and 55 years, respectively. Only twice, in the period of record for July, has the extreme minimum been lower than the 31° reported at Black Moshannon Airport in Centre County.

The precipitation average was above normal, reducing the accumulated deficiency for the year to 0.24 inch. Amounts varied greatly, large excesses accumulating in the southwest while the southeast suffered from a deficiency. Claysville experienced its wettest month, exceeding by 1.76 inches its previous monthly record of 9.55 inches which was established in January, 1937. Heavy rain, violent thunderstorms, and high winds combined to bring property damage to well over a million dollars.

The most damaging storm was that in the Pittsburgh and Claysville areas on the 27-28th. Mt. Lebanon reported 4.18 inches in 24 hours, and at Claysville a new 24-hour record of 5.04 inches was established. Of this amount, 4.56 inches fell in three hours. The excessive rains caused sudden local flooding. Properties along streams suffered extensive damage, bridges were washed away, and roads were inundated. High water flooded a mine, trapping six workmen for 48 hours. Minor flooding also damaged property in Washington County on the 7th and in southern York County on the 12th.

Thunderstorms, most general about the middle and end of July, contributed heavily to property damage. Lightning killed two boys at Butler on the 14th and a man at Clearfield on the 27th. Loss from fires started by lightning was high. Many power interruptions were caused by lightning and high winds, when wires were broken by blown branches and trees. On the 20th, a number of stations in the east portion reported hail of unusual size. Near Phoenixville hail stones "the size of baseballs" were reported. Crop damage was heavy.

On the 29th, small tornadoes were reported at Oil City and at Pleasantville, both in Venango County. At Oil City two people were injured and property damage was estimated at $45,000.

G. W. S.

TEMPERATURE.

The mean temperature for the State, as determined from the reports of 76 stations, was 72.6°, which is 0.4° above the 56-year normal for July. The highest monthly mean was 79.3° at Marcus Hook, and the lowest was 66.2° at Springs. Extremes ranged from a maximum of 100° at Phoenixville, on the 22d, to a minimum of 31° at Philipsburg on the 1st.

PRECIPITATION.

The average precipitation for the State, as determined from the observations at 196 stations, was 4.47 inches, which is 0.18 inch above the 56-year normal for July. The greatest monthly amount was 11.31 inches at Claysville, and the least, 1.27 inches at Hewitt. The greatest 24-hour amount was 5.04 inches at Claysville on the 27-28th.

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	69.2	97	38	3.45	.....	8	15	10	6
1889	71.6	96	39	6.80	.....	13	12	10	9
1890	70.7	101	33	3.52	.....	8	13	11	7
1891	67.8	97	34	6.32	.....	13	11	10	10
1892	73.1	103	38	3.93	.....	10	15	11	5
1893	72.1	102	36	3.15	.....	10	15	12	4
1894	73.8	103	31	2.32	.....	7	15	11	5
1895	69.1	102	34	3.24	.....	9	12	12	7
1896	72.8	98	40	6.89	.....	14	10	11	10
1897	73.4	103	41	6.26	.....	14	10	11	10
1898	74.8	107	33	3.36	.....	9	12	12	7
1899	72.3	101	35	3.91	.....	10	12	11	8
1900	74.0	104	35	4.86	.....	11	14	12	5
1901	76.4	107	45	3.88	.....	11	10	13	8
1902	71.8	99	41	6.04	.....	15	10	12	9
1903	71.2	98	35	5.36	.....	12	13	12	6
1904	70.6	99	34	4.68	.....	13	12	11	8
1905	72.6	99	39	4.87	.....	15	10	12	9
1906	71.3	95	38	4.31	.....	10	12	13	6
1907	71.5	96	34	3.84	.....	10	15	12	4
1908	73.9	104	39	4.81	.....	11	14	12	5
1909	69.7	98	34	2.14	.....	7	16	11	4
1910	72.8	99	41	2.42	.....	7	16	11	4
1911	73.7	105	36	2.81	.....	8	16	11	4
1912	71.3	100	36	5.29	.....	11	12	11	8
1913	71.8	101	40	4.16	.....	11	15	10	6
1914	71.3	101	38	4.19	.....	12	12	11	8
1915	70.7	98	40	5.28	.....	15	10	13	8
1916	74.3	98	37	4.45	.....	10	14	10	7
1917	72.1	105	40	4.33	.....	13	12	12	7
1918	70.1	99	35	3.05	.....	9	16	10	5
1919	72.6	104	34	5.90	.....	11	16	8	7
1920	69.5	96	33	4.37	.....	11	15	10	6
1921	75.9	104	45	4.13	.....	10	15	11	5
1922	71.9	98	38	3.68	.....	9	14	10	7
1923	71.0	100	32	4.24	.....	11	15	9	7
1924	69.7	97	34	3.42	.....	9	17	10	4
1925	70.5	101	32	5.57	.....	12	13	11	7
1926	71.8	105	35	3.82	.....	10	15	9	7
1927	71.7	100	29	4.97	.....	12	14	11	6
1928	72.8	96	40	5.44	.....	13	16	9	6
1929	71.8	99	33	2.81	.....	8	18	9	4
1930	73.0	106	33	2.23	.....	7	19	8	4
1931	75.2	105	39	5.28	.....	12	15	10	6
1932	72.0	100	36	3.39	.....	10	16	10	5
1933	72.5	104	35	4.26	.....	8	17	9	5
1934	75.5	107	40	4.01	.....	9	17	10	4
1935	75.0	104	42	5.63	.....	12	15	10	6
1936	73.5	111	37	2.88	.....	8	18	9	4
1937	72.4	101	37	4.47	.....	12	14	10	7
1938	73.2	100	40	4.81	.....	12	13	10	8
1939	71.7	100	36	3.12	.....	9	14	11	6
1940	72.3	105	33	3.25	.....	10	15	10	6
1941	73.1	104	29	5.11	.....	12	11	11	9
1942	72.5	102	35	5.16	.....	13	11	12	8
1943	72.6	100	31	4.47	.....	12	12	12	7
Period	72.2	111	29	4.29	.....	11	14	11	6

Climatological Data for July, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	74.6	+0.6	93	17	51	2	2.19	−2.42	0.49	21-22	0	12	16	9	6	s.	Allent'n-Bethlehem Gas Co.
Altoona-5 mi. W.	Blair	1,615	56	70.7	−0.3	88	20†	40	1	6.43	+2.43	1.84	22	0	15	14	14	3	w.	City of Altoona.
Bethlehem	Northampton	364	57	74.4	−0.7	91	27	48	1	2.55	−2.01	0.58	11	0	11	21	5	5	sw.	Lehigh University.
Burnt Cabins-2 mi. E.	Huntingdon	990	2	72.7	.....	94	29	38	1	5.06	.....	1.53	10-11	0	12	11	8	12	sw.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	74	74.3	−0.8	94	21	45	1	5.09	+1.26	1.60	21-22	0	11	20	5	6	se.	Clarence E. Miller.
Chambersburg	Franklin	600	46	75.8	+1.0	96	21	44	1	2.72	−1.28	0.68	25-26	0	12	9	16	6	sw.	William B Spear.
Coatesville	Chester	431	56	77.8	+3.1	94	21	54	1	2.41	−2.15	0.52	25-26	0	12	10	6	15	sw.	Howard L. Pyle.
Curwensville-6 mi. NW	Clearfield	2,215	1	67.6	.....	84	27	38	1	6.30	.....	2.56	4-5	0	14	6	18	7	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	2	68.8	.....	85	15†	42	1‡	4.70	.....	1.43	21-22	0	12	11	18	2	ne.	Carl E. Bigger.
Emporium	Cameron	1,033	57	70.4[b]	+0.6	90[a]	26	38[b]	1	3.12	−1.29	1.38	4	0	11	11	11	9	w.	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	46	76.0	+1.0	96	21	48	1	3.04	−1.34	1.48	12-13	0	8	15	8	8	n.	Ira J. Keath.
Everett-1 mi. SW	Bedford	1,020	21	72.2	+0.5	92	25	44	1	2.73	−1.22	0.98	12-13	0	14	13	2	16	ne.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	50	70.2	+0.9	86	27	44	1	3.14	−1.77	0.76	22	0	11	15	7	9	w.	Andrew B. Evansha.
George School	Bucks	184	37	74.6	+0.3	92	21	48	1	3.13	−1.30	1.56	7	0	16	11	8	12	nw.	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	75.6	+1.0	95	21	48	1	2.53	−1.83	0.93	12-13	0	10	15	12	4	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	71.3	+0.8	89	27	40	1	3.69	−1.17	0.96	22†	0	10	16	7	8	s.	Miss Sallie M. Johnson.
Hanover	York	600	39	75.6	−0.2	93	21	48	1	3.57	−0.62	2.06	12	0	10	16	6	9	s.	Evening Sun.
Harrisburg Airport	York	351	74	76.2	+1.4	94	21	50	1	2.05	−1.78	0.83	22	0	9	5	11	15	w.	U. S. Weather Bureau.
Hawley	Wayne	900	25	71.6	+1.3	93	27	39	1	1.99	−0.79	0.73	22	0	9	16	12	3	nw	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	28	77.3	+0.3	93	21	55	1	4.65	+0.88	2.10	10-11	0	14	9	10	12	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	56	73.2	+0.8	93	20	40	1	6.12	+2 06	2.21	21-22	0	14	7	8	16	w.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	74.8	+0.7	90	15†	47	1	4.17	−0.11	0.95	11	0	11	22	7	2	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	72.0	+1.6	94	27	40	1	3.16	−0.94	1.22	29	0	7	18	11	2	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	75.7	+1.6	96	21	47	1	2.23	−2.14	0.83	22	0	9	23	5	3	sw.	Lebanon Valley Gas Co.
Lewistown	Mifflin	467	5	76.6	.....	93	12†	46	1	4.30	.....	1.68	22	0	8	10	13	8	.....	Penna. Edison Co.
Lock Haven	Clinton	557	53	74.4	+0.8	92	16†	42	1	4.76	+0.76	1.33	4-5	0	10	16	7	8	e.	William R. Kelley.
Marcus Hook	Delaware	12	17	79.3	+0.3	98	15	54	1	4.13	−0.08	1.54	4-5	0	12	23	4	4	s	Sun Oil Co.
Martinsburg	Blair	1,493	1	70.8	.....	86	12†	41	1	4.98	.....	0.96	22	0	14	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose	Susquehanna	1,176	38	70.2	+2.0	88	27	44	1	4.35	+0.25	1.20	29	0	12	10	10	11	sw.	Harry S. Fancher.
Mt. Pocono Airport	Monroe	1,914	2	67.8	.....	85	27	41	1	3.86	.....	1.26	10	0	8	2	19	10	sw.	U. S. Weather Bureau.
Palmerton	Carbon	455	25	74.6	+1.1	95	21	43	1	3.11	−1.37	0.84	27	0	9	5	18	8	s.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	2	76.4	+1.1	94	21	52	1	3.94	−0.21	1.40	7	0	12	7	12	12	sw.	U. S. Weather Bureau.
Philipsburg‡-7 miles E.	Centre	1,916	1	66.7	.....	85	27	31	1	3.57	.....	1.06	4	0	15	3	17	11	w.	U. S. Weather Bureau.
Phoenixville	Chester	100	33	77.2	+1.5	100	22	46	1	1.83	−3.13	0.62	8-9	0	13	13	11	7	sw.	Phila.-Suburban Water Co
Port Clinton	Schuylkill	407	5	72.6	−0.7	91	21†	40	1	1.77	−3.13	0.77	4-5	0	8	22	7	2	n.	Earl E. Rarick.
Quakertown	Bucks	480	58	.....	.....	.....	.....	42	1	5.45	+0.77	2.14	25-26	0	13	12	10	9	w.	John E. Benner.
Reading	Berks	273	73	76.4	+1.0	94	21	53	1	2.48	−1.78	1.40	4-5	0	10	5	13	13	s.	U. S. Weather Bureau.
Scranton	Lackawanna	746	49	73.8	+2.1	90	12	46	1	3.04	−0.99	1.06	29	0	8	7	17	7	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	53	73.7	+0.3	91	21	44	1	3.09	−0.95	0.65	21-22	0	11	19	8	4	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	73.0	+3.4	89	27	43	1	4.81	+0.95	0.74	14	0	15	6	18	7	sw.	Penna. State College.
Stroudsburg	Monroe	440	29	73.8	+1.9	92	17†	41	1	5.21	−0.10	1.44	25	0	10	12	6	13	w.	Metropolitan Edison Co.
Tamarack Twr.	Clinton	2,250	3	67.7	.....	85	27	42	1	2.84	.....	0.97	4	0	9	5	17	9	w.	James E. Swartz.
Towanda	Bradford	754	49	72.2	+1.7	91	27	41	1	3.73	−0.07	1.23	21-22	0	13	10	17	4	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	73	69.0	+0.1	90	12	37	1	3.41	+0.21	1.53	21	0	11	12	15	4	w.	M. S. Bliss.
West Chester	Chester	440	94	75.3	+0.9	93	21	48	1	2.99	−1.65	0.75	9†	0	13	15	13	3	w.	Clyde T. Saylor.
Wilkes-Barre	Luzerne	544	5	73.8	.....	92	21†	43	1	3.25	−0.82	1.41	27-28	0	13	5	14	12	s.	U. S. Communication Sta.
Williamsport	Lycoming	550	57	74.0	+0.7	92	20†	44	1	3.60	−0 24	0.92	21-22	0	13	12	14	5	sw.	John D. McEwen.
Woodward-2mi. NE.	Centre	2,208	2	68.8	.....	85	27	43	1	6.12	.....	1.22	31	0	12	3	17	11	w.	U. S. Weather Bureau.
York	York	400	55	75.8	+1.3	95	22	44	1	3.10	−1.12	1.13	12-13	0	12	13	12	6	se.	York Water Co.
Division mean				73.3	+1.1	100	22	31	1	3.68	−0.61	2.98	25-26	0	11	12	11	8	sw.	
Ohio Drainage																				
Bradford	McKean	1,680	2	68.0	.....	86	12	45	2	4.61	+0.17	1.44	27	0	12	1	18	12	w.	City Water Dept.
Brookville	Jefferson	1,400	53	69.2	+1.2	86	11†	38	1	3.43	−0.73	1.14	4-5	0	11	3	14	14	sw.	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	72.8	+0.4	90	17	39	1	5.28	+0.87	2.63	14-15	0	11	20	11	0	nw.	Butler Eagle.
Clarion-3mi SW.	Clarion	1,114	33	71.6	.....	92	16	41	1	3.11	−1.28	1.39	4-5	0	10	7	17	7	w.	Penna. Electric Co.
Claysville	Washington	1,170	38	70.7	−2.5	87	17†	40	1	11.31	+7.06	5.04	27-28	0	11	19	8	4	nw.	Walter B. Paget.
Corry	Erie	1,431	30	69.6	+0.5	87	17	40	2	5.11	+1.71	2.00	4	0	10	15	10	6	.....	Corry Evening Journal.
Coudersport	Potter	1,653	16	71.0	+3.0	91	23	36	1	4.73	+0.20	1.17	13	0	13	15	12	4	sw.	Philip R. Shaw.
Derry	Westmoreland	1,150	46	70.4	−2 3	91	12	42	1	6.43	+1.96	1.57	13-14	0	12	17	13	1	w.	Miss N. Dixie Wineman.
Donora	Washington	761	17	76.6	+0.6	94	16	47	1	4.20	+0.43	1.21	27-28	0	15	5	14	12	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	68.1	−0.2	86	12	37	1	4.42	+0.26	1.66	22	0	13	15	10	6	sw.	Miss. Emma H. Eastman.
Ford City-4 mi. SE	Armstrong	950	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U.S. Engineers.
Franklin	Venango	987	69	70.7	0 0	88	20†	44	1	4.32	+0.05	1.40	10-11	0	12	17	11	3	w.	William K. Fuller.
Greensburg-2 mi. S.	Westmoreland	1,160	34	70.8	+1.8	89	12	43	1	6.18	+2.41	0.95	14	0	16	19	9	3	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	42	71.6	0.0	89	12†	39	1	4.53	+0.24	1.78	4	0	12	11	15	5	s.	Indiana State Teachers Col.
Johnstown	Cambria	1,650	61	70.8	−2.4	88	12	39	1	6.04	+1.75	1.15	4	0	13	17	10	4	s.	Robert Tross.
Kane	McKean	1,938	10	.....	.....	.....	.....	.....	.....	3.67	.....	1.09	4	0	15	11	12	8	nw.	Spring Water Co.
Meadville	Crawford	1,065	49	70.6	+0.9	88	12†	41	2	5.81	+1.84	1.80	4	0	12	5	17	9	nw.	City of Meadville.
Midland	Beaver	780	6	74.0	.....	92	17	48	1	6.37	.....	1.23	17-18	0	12	11	11	9	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	73.9	+1.3	91	27†	43	1	7.56	+3.90	1.90	17-18	0	13	14	17	0	sw	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	73.2	−0.6	88	12†	46	1	7.99	+3.94	2.78	27-28	0	18	9	14	8	s.	U. S. Weather Bureau.
Putneyville-2 mi. SE	Armstrong	1,270	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Engineers.
Pymatuning Dam	Crawford	1,050	2	70.1	.....	88	14†	39	2	3.25	.....	1.10	10-11	0	12	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1,371	36	68.8	+1.1	89	26	36	1	4.54	+0.79	1.60	4-5	0	12	11	13	7	s.	West Penn Power Co.
Sharon	Mercer	940	30	77.2	+3.6	93	14†	47	1	5.40	+1.43	2.00	4-5	0	12	18	8	5	ne.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,190	76	68.6	0.0	87	16	34	1	6.90	+2.01	1.46	13	0	13	5	14	12	sw.	D. L. Grove.
Springs	Somerset	2,500	26	66.2	−1.4	83	12†	34	1	4.35	−0.37	1.16	28	0	15	2	14	15	w.	Allen E. Yoder.
Uniontown	Fayette	1,060	55	73.8	+0.4	89	25	44	1	3.86	−0.46	1.16	17-18	0	10	11	19	1	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	29	74.8	+1.4	92	12	43	1	6.85	+2.48	1.85	4	0	11	12	11	8	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	54	71.6	+1.8	90	14†	42	1	4 34	−0.06	1.45	21	0	10	14	12	5	sw.	Merrill L. Jordan.
Waynesburg	Greene	1,100	12	72.9	−1.0	89	16†	42	1	6.20	+1.84	1.68	8	0	8	3	27	1	sw.	Thomas S Knox.
Division mean				71.4	−0.8	94	16	34	1	5.40	+1.11	5.04	27-28	0	12	11	14	6	sw.	
Lake Drainage																				
Erie	Erie	670	70	72.5	+1.5	88	12	53	2	6.27	+3.26	1.35	3-4	0	12	7	17	7	w.	U. S. Weather Bureau.
State mean				72.6	+0.4	100	22	31	1	4.47	+0.18	5.04	27-28	0	12	12	12	7	sw.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. * Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, [a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., missing from therecord.

Figures and letters following station shown in the Daily Precipitation Table. indicate distance and direction from the city and replace the previous designation 'near'. Locations not appearing here are

‡ Philipsburg is Black Moshannon Airport.

W. B. O., Philadelphia-9-23-43-975

Daily Precipitation for July, 1943

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2]	Pike					.86	.09					.05	T.										.58				T.		T.	1.05	.10		2.73
Hawley[2]	Wayne					.49	.02					.02	.02			T.						.20	.57	.16			T.		T.	.42	.09		1.99
Hollisterville[2]	Wayne					.45	.32				.01	*				.82							.99	.06					*	.89	.13		3.67
Lakeville[2]	Wayne					.65	.55					.22				.10							.64	.10					.01	.81	.31		3.39
Matamoras[2]	Pike					.59	.07						.25			.36						.20	.81							.90			3.18
Mount Pocono[1, 5]	Monroe				T.	.63				.01	1.26	.26				T.		T.					.57			1.00		T.	.04	.09			3.86
Pleasant Mount[‡]	Wayne				.47	.29				.04		.05		.09									1.38	*	*	*	.15	.09		.78			4.68
Stroudsburg	Monroe					.46	.16	T.			.26	.98	.49										.92				1.44		.08	.39	.03		5.21
Tanners Falls[‡]	Wayne				.25	.44				1.30	.07	.10		.10	.45						.62		.70						1.87				5.90
LEHIGH																																	
Allentown[2]	Lehigh					.29				.28		.36	.11	.06		.02						.09	.46	.03			T		.19	.09	.21		2.19
Bethlehem[‡]	Northampton				.23	.18		T.	.24	.09		.58	.08					T.			.06		.56			.02		.33		.18			2.55
Blakeslee Corner[‡]	Monroe				.46	.30				.41	.34	.05			.03								.53			.14		.10		.26			2.62
Gouldsboro[2]	Wayne					.65	.27				.38	2.14	T.			T.			.08				.53				.33		.14	.74	.31		5.57
Lansford[2]	Carbon					1.00			T.		.21	*	.35		.20	.38		T.				T.	.62	T.			T.		.20		.19		3.15
Mauch Chunk	Carbon					1.12					.45	1.23			T.	.02		.05				.09	.50						.20	.03	.10		03.79
New Tripoli	Lehigh				T.	.57					1.20	.49				.03	.10	T.					.62					.01	.13	*	.17		3.32
Palmerton[‡]	Carbon				.37	.34			.02		.42	.30				.24		T.				T.	.51					.84	T.	.07			3.11
Zionsville	Lehigh					.54	1.03			.51		2.15		.16	.01	T.						T.	.91			.04	1.81		.03	.01	.02		7.22
SCHUYLKILL																																	
Conshohocken	Montgomery					.76	*	1.69		.76	.24	.71	.13									.05	.08						.04				4.46
Fredericksville[2]	Berks					.47	.10			.08		T.	.14	.13		.72			T.				.45	.09			2.00			.02	.05		4.25
Freeland[2]	Luzerne					.65					.31	.40	.02	.05	.03	.12	.03		T.				.76						.27		.50		3.14
Gratersford[2]	Montgomery					.51	.18			.62		.37	.34	.51									.16				.67		.19	.22	.58		4.35
Phoenixville[2]	Chester					.43	.14	.14		.62		*	*	.17	T.				.04			.11	.14				.02		.01		.01		1.83
Port Clinton	Schuylkill					.77						.12	.05	.03									.43				.14		.11		.12		1.77
Pottstown[2]	Montgomery					.55	.02			.22			.16	.15					.14								.06		.02		.27		1.59
Pottsville[2]	Schuylkill					1.53	T.					1.55	.45		.16	.03			T.				.60				.06		.16	T.	.33		4.67
Reading[‡1]	Berks				.14	1.26			.01	.04		.11	.20		T.			T.					.59			.01		.04		.08	T.		2.48
Wernersville	Berks					.43	2.28					.11	.71	.18	.05	.01		T.					.39						.12	.04	.02		4.34
LOWER DELAWARE																																	
Coatesville[6]	Chester					.31	.04			.22		.41		.08					.03			12	.20			.23	.29		.03	.45			2.41
Doylestown	Bucks					.86	.06	.62		.31	T.	.13		.03	.01				23			1.54	.10			T.	.33		T.	T.	.18			4.40
George School	Bucks					.64	.05	1.56	.02	.08	.02	.03	T	.01	.06				.02	.03		.46	.02				.09	.02			.02			3.13
Marcus Hook[2]	Delaware					.75	.79	.22	.82	.28		T.	.06										.05	.17				.40	.40	.10		.09			4.13
Philadelphia																																	
Airport Station[‡1]	Philadelphia				.09	.54		1.40	T.	.20	.44	.14	.02	T.									.53			.02	.27	T.	.01	.28			3.94
City Office[‡1]	Philadelphia				.05	.35		2.93	T.	.08	.35	.06	T.	T.									.25			T.	.05	T.	T.	.14			4.26
Franklin Inst.[2]	Philadelphia					.43	.10	2.82	.60	.23		.34	.05										.08				.05	.04	.05		.05		4.84
Shawmont	Philadelphia					.60	.70	.57	T.	.74		.16	T.	.03								.15	.04				.10		.03		.08		3.20
Quakertown	Bucks					.47	.81	.01		.43		.34		.07		.04						59	.46			.91	1.23			.02	.07		5.45
West Chester[3]	Chester					.47	.02	.06		.75		.50		.08				T.	T.			.04	.13			.60	.15		.10	.05	.04		2.99
West Grove[2]	Chester					.60	.75			.21	T.	.02	1.18	.07								.48	.14	.15			.10	.08					3.78
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[‡]	Tioga			.01	.32						.24	.23		.22	.08	.08						.26	.81										§
Centerville[2]	Bradford					.42				.05		.03	.63			.47							.80			.03	.08		.20		.51		3.22
Covington[2]	Tioga				.36					.25	.60					.25							1.19			.06			.49		.24	T.	3.44
Lawrenceville	Tioga				T.	.22				.10	.10			.14	T.			T.					1.19					.19		1.22			3.16
NORTH BRANCH																																	
Canton[2]	Bradford					.61				.33	1.08	.39	.17	.02	.06	.13							1.33			.15			.40	.05	.53		5.25
Danville[2]	Montour					1.05	.03				.45	.48	.01	.03	.03	.97			.02				.92				.01		.20		.50		4.70
Kellogg Mt Tower[2]	Bradford					.46				T.		.09	.23		.20	.97							.58				.96		.05		.12		3.66
Millville[‡]	Columbia				.48	.19			.03	.02		.05			.31				.04			.12	.61					.21		.08			2.14
Montrose[2]	Susquehanna	T.				.76	.04				.01	.21		T.	.32							.35	.81	.02			.46		.17	.50	.70		4.35
Orwell[2]	Bradford	.01				.74	.03			T.	.02	.12	.49		.26	1.36			T.				.74	.03			.29		.32	.12	.36		4.89
Park Place[1, 5]	Schuylkill				.52	.12			T.	.54	.55	.11	.64		.47	.37		.22					.04	.71					.28		.24		4.81
Pikes Creek[‡]	Luzerne				.70	.34			.04	.81	.61	.38		.03	.09			.02				.12	.94					.27	.18	.67		.13	5.33
Rush[2]	Susquehanna	T.				.70						.17	.21		.12	.50							.68	.02			.16		.19		.68		3.43
Scranton[‡1]	Lackawanna				.38	.34			T.	T.	.10	.03	T.	T.	T.			T.					1.02			.01		.10		1.06			3.04
Susquehanna[2]	Susquehanna					.43						.07	.25									.08	.68	.16					.31	.12	1.86		3.96
Towanda	Bradford				.18	.62			T.	.10		.45		.05	.22	.04		T.					1.23			.29		.13	T.	.32	.05	.05	3.73
Tunkhannock[‡]	Wyoming				.31	.13			.05			.15		.06	1.47							.03	.64						.02		1.12		.07	4.05
Wilkes-Barre[5]	Luzerne				.44	.21			T.	.12	T.	.09		.07	.05			.05				.05	.53					.21	1.20	.21		.02	3.25
WEST BRANCH																																	
Ansonia[2]	Tioga					.75				.28	.01	.21	.03		.01	.11							1.58	.01		.02			.07		.53		3.61
Bald Eagle[‡]	Blair				.71	.64			.30	.02	.11	.19	.04		.28			.12					.64					.42	.01	.42			3.90
Berwinsdale[2]	Clearfield					2.03			.11	.13		.09	.19	.08	T.	.15			.14				.30						.63				§
Carter Camp[‡]	Potter	*	*	*	*	1.86		.10			.30	*	*	*	*	*	1.67					.30	.42				.06	.34	*	*	*	*	5.05
Cedar Run[2]	Lycoming					.75				.12	.06	.07		.13		.32							.80			.12			.35	.04	.39		3.15
Clearfield[2]	Clearfield					1.86			.04	T.		.27	.05		.04	.76			.38			.02	.37						.64	.12	.31		4.86
Curwensville[1, 5]	Clearfield				2.10	.46			.16		.15	.03		.05	1.21			.01	.19		T.	.14	.04		T.	T.		1.05	.03	.68			6.30
Driftwood[‡]	Cameron				.72	.07				.03	.05	.13	.08	.09								1.19	.02					1.26	.02	.09			3.75
Du Bois, 7 miles E	Clearfield				.47	1.60			10			.31		T.		.65		.01	.04		.17		.46					.02	.53	.07	.37		4.80
Dushore[‡]	Sullivan				.34	.17					.21	.45		.03	.12			.03				.14	1.60					.25	.08	.87		.37	4.66
Eagles Mere[2]	Sullivan					1.32	T.			.03	.19	.18	.13		.10	.20			.02				1.43			T.	T.		.29	.05	.76		4.70
Emporium[2]	Cameron	T.				1.38			.01	.01	T.	.08	.02		.03	.10	T.			T.	T.		.68	T.		T.	T.		.36	.12	33	T.	3.12
English Center[‡]	Lycoming	*	*	*	*	1.30								.22	.15							.27	.62			.03		.43		.39			§
Galeton	Potter				.02	.96			.10	.02	.38	.12		.50	.02	.12						T.	1.73		T.			.30		.17			4.44
Karthaus[2]	Clearfield					1.92			T.	.24					.13	.33							.99						.59	.25	.23		4.98
Lock Haven[2]	Clinton					1.33				.76		.66	.04	.12		.31							.67			T.			.54	.10	.23		4.76
Medix Run[‡]	Elk					.80	.06			.05		.02	.09		.02	.07	.02					1.63	.02					.94	.58	.14			4.44
Philipsburg[1, 5, 7 mi. E]	Centre				1.06	T.		T.	.43	T.	.15	.14	.04	T.	.16			.08	.07		.03	.37	.08		T.			.41	.20	.32	.03		3.57
Renovo[2]	Clinton					.80				.12		.12	.08	.02		.32			.02				.86			.05			.55	.49	.21		3.64
Shaffers Path[2]	Lycoming					1.15				.18	.19	.13	.18		.08	.24			.01			.03	.73				.15		.34	.08	.19		3.63

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Susquehanna Basin (continued)																																	
WEST BRANCH (continued)																																	
State College‡	Centre				.55	.16			.14	.02	.37	.05	.62	.67	.74			.04	.02		T.	.41	.23			T		.44	T.	.35	T.		4.81
Tamarack Tower[2]	Clinton	T.				.97				.06	T.	.06	T.		.16	.19			T			T.	.74	T.		.02			.31	T.	.33		2.84
Wellsboro[2]	Tioga					.50				.02	.35	.25	.12		.14	.22							1.53			.02			.05		.20		3.41
Williamsport[2]	Lycoming					.61				.44	.05	.05	.07	T.	.70	.15			T.			.15	.92			.01	T.		.19	.15	.11		3.60
JUNIATA																																	
Altoona	Blair				.73	.16			.16	.04	.11	.09		.27	.03	.28		.09	.33				1.84						.74		1.53	.03	6.43
Bedford[2]	Bedford					.48									.68	.25					.20		.30				.09		.43				§
Breezewood Intch[3]	Bedford				.38				.13	.07	.03	.01	.02	.30	.23	.08		.07					.36				.05		.45	.10	.54		2.82
Buffalo Mills[2]	Bedford					.39	.04	.16	.05		.05			1.74	.12	.34			24								.16		.29		.03		3.61
Burnt Cabins[3]	Huntingdon				.43				.93		1.51	.02		.12	.18			T.	.01				.80			.28	.01		.64	.13			5.06
Charter Oak‡	Huntingdon				.75	.59			.29		.75	.02		.13	.14			.15				.21	.39					.47		.32			4.21
East Waterford[2]	Perry					.75			T.	.66	.01	.10	.36	T.	T.	.74			.04	T.		T.	1.00	T.			.03	T.	.70		.37		4.76
Everett	Bedford					.53	.01	.02	.07	.05		.01		.21	.77	.34			.08	.03			.19						.37		.05		2.73
Huntingdon[2]	Huntingdon					.80			.05	.18		.37	.01		.06	.47			.06	T.			2.00	.21			.73	.05	.69		.44		6.12
Lewistown[2]	Mifflin					.84				.37		.06				.53			.06				1.68						.60	T.	.26		4.30
Loop Mt. Tower[2]	Huntingdon					.88			.01	.30		1.31			.63	.95			.08	.03			1.47	.31			.31		.45	.01	.78		7.47
Mapleton Depot[2]	Huntingdon					.67				.39		.79		.03	.41	1.63							1.43						.46	.01	1.21		7.36
Martinsburg[3]	Blair				.48	T.		.01	.23	T.	.63	.03	T.	T.	.23			.13	.27				.96				.92	.70	.01	.17		.21	4 98
Newport[2]	Perry					.57	.02			.02	.13	.11	.41	.83	.08	.43			T.				.89				.04		.20	T.	.41			4.14
Saxton[2]	Bedford					.47	T.		.03	.21		.22		1.71	.51	.63			.03	.03			1.37				.07	.11	.80	.10	.18		6.47
Shade Gap‡	Huntingdon				.70		.02	*	*	*	*	1.04			.09				.11				.68				.04	.33	.12	*	*	*	3.13
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams					.50			.04		.05	.06		.03	.05					.13		T.	.43				T.	.10	.08	.01	.06		1.54
Bloserville	Cumberland				T.	1.23			T.	T.	.01	.59	.44			.59		T.	T.		T.		1.53				.17		.08	.30	.90		5 84
Blue Mt. Intchg...[3]	Franklin				1.12	.02			.27		.22	.09		.02	.33	T.		T.					.52			.05	T.	T.	.90	.17			3.71
Carlisle	Cumberland				.02	.87		T.	.02	T.		.31	.53	T.	T.	.40		T.	T.		T.	T	1.60				.27	.28	T.	.15	.64		5.09
Columbia[6]	Lancaster					.41	.06		T.	T.	T.	.17	1.78	.20	.03	.05							.24				.25			T.	1.06		4.25
Ephrata	Lancaster					.53				T.		.27	1.21	.27	T.	T.		T.					.58			.01				.15	.02		3.04
Glen Rock‡	York									.05	.05	.52	2.93		.45			.05	.02				.51										§
Gordon	Schuylkill				.03	.78				.02		.11			.11	.34							.96			T			.96	.22	.16		3.69
Hanover[2]	York					.43	T.	T.	T.	.04	.02	.26	T.	2.06	.07	.01					.15	T.	.52				T.		.01	T.	T.		3.57
Harrisburg Arpt‡[1]	York				.66	T.			T.		.02	.10	.02		.15	T.		T.			T.		.83				.03	.16	T.	.08			2.05
Holtwood[2]	Lancaster					.24	.16			.26		1.90	.20	1.31	.01	.05			.03			T.	.19	T.			.03	T.	.14	.11	.02		4.65
Huntsdale[2]	Cumberland					.32			.01	.07	.34	.01		.09		.54					T.	.02	.72					.18	.14		.28		2.72
Kirkwood‡	Lancaster				.30	.15			.07			1.62	.20									1.92	.20				.03	.03	.21				4.73
Lancaster	Lancaster					.46	.80			.03		.95		.75		.06							.38				.04		.02		.19		4.17
Lancaster[2]	Lebanon					.60	.06					.22	.23	.05		.05						49	.83				T.		.13		.06		2.23
Manada Gap[6]	Dauphin				T.	.80					T.	.56	.04	.10	.13	.12		T.					.74			.30			.17	.05	.02		3.03
Middletown[3]	Dauphin				.56	.54		T.	T.		.04	.29	.13		.15			.12			T.		.50				T.	.05	.07	.12	T.		2.55
Millersburg‡	Dauphin				.31	.09						1.17			.10							.01	1.24			.54		.60		.51			4.57
New Park	York					.58			.08			1.35		2.48	.25			.05	.23			.08	.27			.24	.08		.10				5.74
Penn Nursery[2]	Centre					.81				.09	.10	.05	.03	.15		.05			.23				.91	.04			.12		.52	.11	.40		14.28
Peters Mt. Tower[2]	Dauphin					.37				.02		.05	1.55	.03	.20	.30			T.			T.	1.01				.41		.37	.06	.21		4.58
Pine Grove[2]	Schuylkill					.47	T.				.15	.21	T.	.57	.07				T.			T.	.55				T.		.40		.36		2.78
Ringtown[2]	Schuylkill					.88					*	1.67	.20	.21		.02	.96						.85	T			.02		.25		.34		5.40
Selinsgrove	Snyder				.05	.51				.10			.25			.20	.17		.02				.65						.57	.29	.28		3 09
Shippensburg	Cumberland				T.	.26			.03		T.	.40		.09			.50			.01			1.25			T.	.04	T	.63	.05	.05		3.31
Sunbury[2]	N'umberland					.92	.05	T		.04		.12	.42			.32			T.				.86	.06			.01		.32		.79		3.91
Woodward[1, 5]	Centre				1.01	T.	T.		.26	T.	.02	.48		.16	.27			.02				.90	.39				T.	.32	T.	1.07		1.22	6.12
York	York					.45			.01	.10		.26		1.13	.02	.30		.23					.51						.03	.03	.03		3.10
York Haven[2]	York					.42	.05					.16	.11	.21		.24							.42								.42		2.03
Potomac Basin																																	
Chambersburg[2]	Franklin					.19			.01	T.	T.	.19	.15	T.		.07			.02				.55				.68	.39	.27	.12	.08		2.72
Gettysburg	Adams					.40		T.	.03			.52		.07	.86			T.	.13		T.		.42			.01	.04		.05	T			2.53
Hewitt‡, 2 miles S.	Bedford				.05		.04	.03	.24		.02	.03			.06				.09	.08			.03				.41	.07	.10	.02			1.27
Hyndman[2]	Bedford					.20		.10	.08	T		.06		.48	.05	.08			.08	.17			T.				.42	T.	.24		.18		2.14
McConnellsburg[2]	Fulton					.29			.09	.87	.09	.56	.09			.18							.42				T.	T.	.42	T.	.78		3.79
Mercersburg	Franklin								.47			.20			T.	.41							*				.57		.11	.12			§
South Mt. San't'm[2]	Franklin					.35				.13	.07	.55		.25	.02	.02			.02	.09			.49				.28	.27	.18	.02	.03		2.77
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny					1.00			.15	.05	T.	.41		.02	.43	.21			.65	T.		.32	1.23				.57		.85	1.02	.27		7 18
Allens Mills‡	Jefferson				.92	.18		.02	.23		.11	.02		.06	.62			.03				.22	.03					.57		.53			3.54
Blairsville[2]	Indiana					.88			.10	.04		.02	T.	.08	.64	1.65			.31				.31				.11		.71	T.	T.		6.55
Boswell**, 6 miles W.	W'moreland				.63	.06			.09		.02	.02		.16	1.08	.01		.22	.25				.50				.23	.28	.03	.05			3 63
Bradford	McKean				.30	.20			.10			.37	.14	.51	.12	.11							.82					.19	1.25	.50				4.61
Brookville[5]	Jefferson				.75	.39		T.	.04	T.	T.	.05		.30	.09			.17	.14			.25	T		T.		.40	T.	.85				3.43
Buckstown‡	Somerset				.22	.10			.15		.08	.38		.13	.91	.29		.22					.18			.01	.13	.43	.11	.05			3.39
Cherry Grove‡	Warren				1.27					.82	.17	.28		.32	.06													.20		.49			4.93
Clarion[2]	Clarion					1.39			.08			.03			.27	.15			.33				1.32				.06		.33		.41		3.11
Corry	Potter				2.00	.13			.41	T.	T.	.34	.02	.17	.10		T.						.06										5.11
Coudersport[6]	Erie					.08	.50		.01	.09	.75	.03	.07		1.17	.45						1.40	.12		T.				.42				4.78
Derry	W'moreland					.66				.15			T.		1.05	.52	1.05		30	.54	.09		.88		T	.04			.18		.48			6.43
Dunlo‡	Cambria					.88				.06		.37	.01		.31	.28			10	.04			1.03				.51		.44	T.	.09			4.47
Ebensburg[2]	Cambria						.58			.05	.37		.07	.02		.03	.62			.13	.17		1.20				.29	.56	.03	*	.34			4.42
Ford City[2, §§]	Armstrong						.97				.14	.12	1.40	.02	.02	.90	.05			.05			1.66				.18		.52		.02			§
Franklin[2]	Venango						.97						.11			.28							.37				.01		.70		.06			§
Glen Hazel[2], 1 mile NE	Elk	T.			T.	1.19	T.		.04	.13	T.	.37	.13		.08	.17			T.				.37						.22	.08	.35			4.32
Homet	Indiana				1.08	.39			.11			.24		.19	.28			.15	.10		.11	.19	.11						.17		.02			4.72
Indiana	Indiana				.58	1.20			.10			T.	.01	.10		1.17		.21	.11				1.27				.01		.16	T.	.01			[13 1
Johnstown[6]	Cambria				1.15				.37			.31		.03	.32		.03		.34				.89				.14		.46	.04	.98			4.98
Kane[5]	McKean				.04	1.05			.02	T.	.03	.41	.01	.03	.32							.01	.65	.01					.39	.13	.54			6.09
Laurel Hill Tunnel[3]	W'moreland				.44	.40		.05	.14		.06			.50	1.22			.41	.16				.40				.29	.70	.03	.05		.55	3.67
Lycippus	W'moreland				.90	.05			.08	T.				.80	.40			.90	.14		T.		.33			T.	.41		.75		.43		5.40
Marienville‡	Forest				1.42						.05	.05		.40	.14							1.15						.50	.01	.72			5.19
Meadville[2]	Crawford				.31	1.49				1.02		.11	.22	.35	.16	.19		.02	T.				1.23						T.	.45	.26			§
Mosgrove[2]	Armstrong					1.69			.05	T.		.04			.19	.31						.28	.01	T.		T.		.40	.17		.02			5.8
Parkers Landing[2]	Armstrong					1.03			.03	.23		.75			.80	.07			.30				.57						.04		.34			3.40
Pittsburgh Cty Off‡	Allegheny				.53	.15		.28	.13		.03			.19	.91			.75	.42		.01	.11	.37			.04	.45	2.53	.62	.44			3.99
																																	7.96

Continued on page 50.

Daily Precipitation for July, 1943 – Continued from Page 49

Stations	Counties	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALLEGHENY (continued)																																	
Port Allegany[2]	McKean	.01			T.	.04	T.			.04	.18	.21	.01	T.	T.	.12			T				.93	.03		T.	T.		.41	.17	.95	.01	3.11
Punxsutawney[2]	Jefferson				3.00				.07	.15		.02	.17		.12	.21			.52				.04						.25	.32	1.12		5.99
Putneyville[2] ‖‖	Armstrong																						.02						.67				§
Ridgway[2]	Elk				1.60				.06	.17		.15	.06		.16	.03							1.32	.01					.42	.12	.44		4.54
Saltsburg[2]	Indiana				.65				.13	.05		.04		.15	1.28	.55			.50			T.	1.46				.30		.71	T	.05		5.87
Seward[2]	Indiana				.52				.04	.06		.22	.59		1.01	1.66			.36				2.08				.12		.99		.29		7.89
Smethport‡	McKean				.47	.01			.04	.72		.07		.06	.21	.07						.40	.66				1.10		1.07				4.88
Strongstown‡	Indiana				.65	.06			.09		.05	.02			.79	.01		.12	.22			.05	1.15				.60						3.81
Tionesta Dam‡	Forest				1.60	.10			.07	.30		.07		.20	.70			.01				.82	.03				.89	.06	1.12		.15		6.12
Titusville‡	Crawford				1.41				.09	.09	.03	.08	.28	.15	.76							.81	.04				.27	.21	1.61		.05		5.98
Union City‡	Erie				2.79			.55			.13	.05	.40	.28					.11			1.02						.22	.33				5.88
Vandergrift[3]	Westmoreland				1.85	.14			.05			.05	.84	.30				.21	.49				1.80				.46	.68					6.85
Warren[2]	Warren				.50	.16	.10			T.	T.	.20	.46		.42	T.							1.45	T.				.51	.30	.24			4.31
Youngsville‡	Warren				1.65				.02		.30	.31	.06	.80								1.24					.10		.30				4.78
MONONGAHELA																																	
Confluence[2]	Somerset					.64			.19	T.		.23	T.		.45	.50			1.41	.04		T.	.04	T.			.43		.78	.75	T.		5.41
Connellsville[2]	Fayette					.57			.63	T.		.04			.16	.12			1.00	T.		.47					.54		.60	.04			4.17
Donora[5]	Washington				.43	.15		.18	.10	T.	.08			.20	.10				.34	.10		.06	.02				.52	.70	.51	.71			4.20
Greensboro[2]	Greene					.49			.20	.07	T.	T		.07		.02			.36			.28	.02				3.66	.01	.66	.28	T.		6.12
Greensburg	Westmoreland				.90	.01			.19	.03	.01		.22	.72	.09	.95			.60	.32		.02	.25				.61		.66	T.	.60		6.18
Irwin	Westmoreland				.70	.03		T.	.13	.10	.02			.21	.22	1.12			.47	.47			.08	.30				.62		.55	.09	.49		5.60
Meyersdale[2]	Somerset					.22	T.		.20	T.		.21			.02	1.10				.64	.25						.51	T.	.66		.06		3.87
Murrysville‡	Westmoreland				.56	.05		.07	.11		.24		.18	.63	1.15				.29			1.43	.06	.81			.37	.55	.90	.11		.06	7.57
Newell[4]	Fayette					.43			.75	.35	.20	.10				T.			.15	.65			.50				1.48	1.00	2.05	2.00			9.66
Pittsburgh Arpt.‡[1]	Allegheny				.88	.06		.20	.16	.02	.05		.66	1.03	.44				.33	.12		T	.01	.16		T.	.03	.48	2.22	.57	.57			7.99
Rices Landing[2]	Greene					.49			.66	.15										1.60	.03						2.00		.94	.52			6.39
Somerset	Somerset				.22	.89			.07			1.31		.65	.81	1.03			.41	.18			T.				.33		.91	.01	.08		6.90
Springs[6]	Somerset				.20	.05			.27	.02	.84	.03	.04	.05	T.	.76			.22	.09			.09				.51		1.16	.02			4.35
Uniontown	Fayette				.24	.20		T.	.43	.02			T	.02		T.			.38	.78							.83		.86	.10			3.86
Waynesburg	Greene				.41	.11			1.68										.21	1.34							1.43		.93	.09			6.20
BEAVER																																	
Beaver Falls[2]	Beaver					.64	T		.52	T.		.38			.81	.88		T.	1.07				.25			T.	.34		1.53	.14	T.		6.56
Butler	Butler				*	.69			.07						.10	2.63		.21	.24				.09						1.12	.01	.12		5.28
Greenville	Mercer	T.			1.98	.30	T.	.09	.04		T.	1.18		.41	.03	.16		.08	.02				.02			T.				.10	T.		4.41
Mercer[5]	Mercer				1.32			.10	.03	.12	.21		.68	1.22	.09			.38				T.	T.			T.		T	.20	.05			4.40
New Castle	Lawrence				1.41	.29			.42			.61		.33	.78	10		.20	1.90			T	.68				T.		1.06	.08	.30		7.56
Penn Line[2]	Crawford				.57	1.41			.14	.21	.04	1.15	.14	.06	.01	.08		.02					.60				.04		.22	1.05	.14		5.88
Pymatuning Dam[2]	Crawford				.05	1.05	T.		.05		T.	1.10	T.	.11	.10			.05					.02	.02				T.	.05	.12	.53		3.25
Sharon[2]	Mercer					2.00			.16			.52		.40	.16	.08		.10	.16				.03						.03	1.13	.63		5.40
OHIO																																	
Claysville[2]	Washington					1.36			.77	.15	.17		.07	.03					1.53								2.17		4.56	.48	.02		11.31
Coraopolis[2]	Allegheny					.71			.68	.02	.03	T.			.53	.06		.09	1.15				75				.54		2.05	.30	.90		7.81
Midland[2]	Beaver					.65			.89	.01	.08	.50			.57	T.		T	1.23				.90				.52		.56	.04	.42		6.37
Mt. Lebanon[6]	Allegheny				.83	.15		.34	.42		.12			.75	.60	.02		.33	.09				.22				.45	2.50	1.68	.16	.63		9.29
Washington‡	Washington				.89			.70	.35		.09							1.04				.07				.39	.93	1.85	.97				7.28
LAKE DRAINAGE																																	
Erie‡[1]	Erie	.10		.02	1.33	.09			.23		1.28	.03	.04	.50	.31			T.				1.14				T.		T.	1.20				6.27
Raymond‡	Potter				.39			.04		.38	.17			1.84	.23	.07						1.49	.20				.09		.56				5.46

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. [6] Observation taken at a fixed hour between sunset and 11:00 p.m. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated. ** Boswell was formerly Laurel Hill Summit. §§ Ford City was formerly Crooked Creek Dam. ‖‖ Putneyville was formerly Mahoning Dam.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum* velocity	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.36	2	29.68	21	6.5	20	ne.	21	80	....	74	52	4
Harrisburg	30.38	2	29.71	29	6.6	29	s.	4	78	51	62	61	2
Philadelphia	30.38	3	29.72	29	7.0	25	nw.	22	79	54	64	52	1
Philipsburg	30.40	2	29.75	29	7.9	31*	s.	28	90	62	77	....	33
Pittsburgh	30.32	2	29.72	29	8.3	42	nw.	27	83	54	65	67	7
Reading	30.39	2	29.69	29	9.0	37	nw.	27	75	49	47‡	65	1
Scranton	30.39	2	29.69	29	5.7	22	nw.	22	80	54‡	....	60	5

* For any five-minute period. ** Corrected to true velocities.
† Local noon § Also other dates. ‡ 4:00 p. m. ^ One-minute interval

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.1	2.5	7†	1.6	19	18
Easton	Delaware	1.6	2.2	9	0.9	20	22
Lehighton	Lehigh	2.8	3.4	11	2.6	26	9
Reading	Schuylkill	3.2	3.7	6	2.8	31	13
Wilkes-Barre	N. Br. Susquehanna	2.3	3.1	2	1.8	28	22
Williamsport	W. Br. Susquehanna	0.8	1.6	7	0.3	29	20
Newport	Juniata	3.6	4.0	16	3.2	21	22
Harrisburg	Susquehanna	3.4	3.7	12	3.2	31	17
Schenley, (nr) Lock No. 5.	Allegheny	12.4	13.3	7	12.0	22	24
Sutersville	Youghiogheny	3.2	4.1	30	2.7	4	0
Charleroi (nr.), Lock No. 4	Monongahela	12.4	16.0	31	10.9	5	30
Pittsburgh	Ohio	*	*		*		5
Midland, Dam No. 7	Ohio	*	*		*		30

* Pool stage. † On other days also.

Daily Temperatures for July, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	70	79	78	80	89	86	73	81	81	87	82	88	86	89	89	88	93	88	85	90	92	86	86	89	89	85	92	88	81	85	88	85.3
	Minimum	53	51	52	57	63	63	67	64	67	69	72	72	68	69	69	66	66	70	59	61	64	66	64	59	64	65	64	65	68	65	59	63.9
Altoona	Maximum	73	77	79	74	84	79	76	71	75	79	83	89	85	87	84	86	83	84	85	88	87	79	81	85	87	86	88	85	80	79	83	82.0
	Minimum	40	45	48	49	67	59	62	61	63	65	66	61	63	65	64	57	58	67	53	57	66	63	57	55	62	63	67	62	65	59	54	59.5
Arendtsville	Maximum	76	78	80	76	87	84	74	74	81	87	89	92	87	90	91	92	88	87	90	93	94	88	86	95	92	90	93	88	86	85	90	86.5
	Minimum	46	48	50	57	67	66	66	63	67	69	70	69	65	66	66	60	63	72	57	60	66	66	60	57	63	67	63	67	66	60	63	62.7
Bethlehem[3]	Maximum	73	81	77	77	88	83	70	81	79	83	81	89	85	89	89	88	85	89	88	90	87	86	88	90	84	86	89	88	84	90	89	84.4
	Minimum	48	52	54	59	64	65	66	65	65	68	69	71	67	70	70	70	66	69	64	64	64	66	64	60	68	66	66	65	67	64	62	64.4
Blue Mt. Interchange[3]	Maximum	79	82	80	75	90	86	86	88	96	92	92	90	90	92	90	90	88	88	88	93	94	86	84	92	93	90	92	88	88	88	92	88.5
	Minimum	46	50	54	60	70	64	62	64	68	68	70	70	68	64	68	60	62	68	62	62	66	67	62	59	66	68	64	68	68	60	54	63 3
Bradford	Maximum	69	75	77	78	74	78	80	77	80	83	81	86	84	84	79	81	82	82	79	83	83	83	79	81	80	84	83	80	75	77	79	79.9
	Minimum	47	45	52	56	67	63	54	61	59	64	66	59	61	58	56	56	58	60	55	53	55	59	48	47	55	53	46	62	61	56	51	56.2
Breezewood Intchg[3]	Maximum	74	76	78	78	88	86	80	74	84	86	88	90	88	88	86	92	86	88	88	92	90	82	84	90	92	90	94	90	82	80	88	85.5
	Minimum	40	44	52	62	66	60	64	62	64	66	66	62	64	64	62	58	62	64	54	60	60	66	62	54	68	66	62	60	64	58	56	60.4
Brookville[5]	Maximum	72	78	79	72	81	80	77	75	80	84	86	86	81	85	80	84	84	81	82	84	86	76	80	83	83	86	86	84	72	79	81	80 9
	Minimum	38	42	51	65	63	60	59	63	64	64	67	62	62	64	56	53	61	55	50	55	61	53	53	53	62	61	58	64	58	55	52	57.5
Burnt Cabins[3]	Maximum	76	79	81	77	90	84	78	70	84	84	88	91	90	92	90	92	88	86	88	93	92	86	84	89	91	88	92	88	94	82	87	86.3
	Minimum	38	44	51	62	65	60	61	61	63	64	68	62	65	63	63	55	62	64	53	58	60	64	53	52	64	65	60	62	62	57	52	59.1
Butler	Maximum	73	79	83	86	83	84	84	85	80	84	88	88	88	86	89	88	90	84	86	88	88	81	89	89	89	89	89	86	78	82	85	85.3
	Minimum	39	43	56	67	65	62	65	61	66	67	64	63	64	66	65	55	64	57	53	58	61	65	65	53	62	61	60	65	66	60	52	60.4
Carlisle[6]	Maximum	78	80	80	77	90	85	77	77	83	87	88	90	87	90	89	91	87	88	87	92	94	86	84	90	89	84	91	90	81	83	86	85.8
	Minimum	45	48	50	63	68	65	65	63	68	68	70	68	66	67	66	63	65	72	61	60	64	64	59	59	64	67	64	64	65	58	59	62.8
Chambersburg[6]	Maximum	79	83	81	78	92	88	80	73	85	88	92	93	93	93	93	95	90	92	92	95	96	88	89	95	94	90	94	89	84	86	90	88 8
	Minimum	44	49	51	59	68	65	66	65	66	67	69	66	68	66	67	59	65	71	58	63	65	66	60	58	65	69	69	63	65	67	61	57	62.8
Clarion[6]	Maximum	74	80	84	72	83	82	80	77	84	85	88	88	85	88	89	92	88	84	86	89	88	88	88	84	85	89	88	88	85	78	79	85	84.0
	Minimum	41	45	54	63	62	62	59	62	64	63	67	64	61	61	64	55	62	63	53	58	59	63	53	56	62	63	59	64	64	59	54	59.3
Claysville[2]	Maximum	73	80	83	74	82	82	84	81	85	83	85	86	83	86	85	86	87	83	85	87	86	82	85	87	82	86	84	79	78	84	82	82.9
	Minimum	40	43	47	58	68	60	61	64	62	65	62	64	61	64	65	55	56	65	54	55	61	65	52	54	57	62	62	60	60	59	53	58.5
Coatesville[6]	Maximum	78	82	81	84	92	86	75	84	86	90	85	93	90	93	92	91	94	88	87	91	94	87	85	91	91	85	92	88	90	87	89	87.8
	Minimum	54	57	59	63	67	67	65	60	67	71	70	73	68	72	71	65	66	77	72	65	72	75	68	66	69	72	71	68	70	65	74	67.7
Columbia[6]	Maximum	78	82	81	78	90	87	80	82	84	88	89	91	88	90	93	92	92	90	90	93	95	88	88	92	92	87	92	89	89	87	90	88.0
	Minimum	47	51	52	54	71	65	66	61	68	70	70	70	67	66	67	61	63	71	59	61	65	67	61	59	70	67	64	65	69	60	63	63.5
Corry[6]	Maximum	71	79	82	73	72	80	84	71	80	84	85	86	79	87	80	84	84	80	82	84	83	72	80	83	82	86	84	83	73	77	85	80.5
	Minimum	44	40	55	62	64	59	58	64	60	62	66	62	65	63	63	64	62	63	52	60	59	62	52	51	58	57	54	57	64	54	63	58.7
Coudersport[6]	Maximum	75	79	78	70	78	84	81	77	85	86	88	89	86	87	90	88	89	82	88	90	86	88	91	90	86	84	86	84	86	82	86	84.5
	Minimum	36	38	44	55	61	57	58	57	60	63	67	60	61	62	62	60	61	66	50	58	64	56	54	65	62	56	58	61	62	56	60	57.5
Curwensville[5]	Maximum	67	72	73	67	79	78	72	66	74	79	78	82	78	82	77	80	79	79	78	80	81	73	78	81	80	86	84	79	70	74	78	76.7
	Minimum	38	48	51	61	62	61	60	60	61	65	65	63	62	63	59	58	62	56	55	58	61	56	54	56	63	61	60	61	59	57	54	58.4
Derry	Maximum	74	82	86	79	88	85	81	80	84	89	88	91	82	87	86	84	86	85	85	86	87	77	81	85	87	85	86	83	79	79	83	81.2
	Minimum	42	47	57	62	61	63	68	65	66	68	64	65	65	67	66	58	64	70	57	60	64	66	53	56	56	65	67	62	65	63	56	59.7
Donora[3]	Maximum	77	84	87	83	88	88	87	87	86	88	91	89	86	90	90	94	90	89	88	92	92	83	86	87	93	89	90	88	82	84	89	87.6
	Minimum	47	53	60	68	76	65	69	68	68	70	69	71	65	68	70	62	69	72	60	65	69	71	60	62	69	68	68	63	66	66	59	65.7
Eagles Mere 2.	Maximum	74	77	77	71	82	77	76	77	76	80	76	80	82	82	85	83	80	84	80	85	85	82	80	83	78	84	85	80	76	79	79	79.8
	Minimum	42	42	52	54	53	60	60	56	58	58	64	64	64	61	61	59	59	65	55	55	62	61	56	57	63	61	62	58	60	57	57	57.9
Ebensburg[2]	Maximum	70	77	79	74	80	77	71	65	78	83	85	86	82	83	79	82	83	78	86	85	82	75	77	85	82	81	81	81	72	74	79	78.9
	Minimum	37	40	50	59	62	59	58	61	61	62	65	61	61	63	62	51	59	62	54	52	61	61	50	52	57	64	63	59	61	58	52	57.3
Emporium	Maximum	75	78	81	77	82	83	83	75	84	85	85	86	88	88	85	87	84	85	84	89	88	...	84	87	87	90	89	84	75	82	85	83.8
	Minimum	38	41	45	59	65	59	59	60	61	62	64	63	61	63	64	54	54	64	51	52	56	...	52	64	61	56	56	60	....	57	55	57.0
Ephrata	Maximum	79	82	81	77	92	88	79	82	86	90	87	93	89	90	92	93	93	90	91	92	96	88	90	92	91	88	93	92	85	88	91	88.4
	Minimum	48	51	51	62	67	64	68	59	59	69	71	66	67	68	68	61	66	73	60	61	65	67	62	58	71	68	65	66	70	62	59	63.6
Erie[3]	Maximum	70	74	85	74	74	73	83	72	80	80	84	88	81	85	81	81	83	80	80	83	82	74	77	80	80	84	85	79	75	78	79	79.5
	Minimum	54	53	63	67	66	64	64	67	65	67	71	70	71	71	67	65	72	69	66	71	64	64	61	62	67	65	68	65	64	61	65	65.5
Everett[3]	Maximum	75	76	78	80	87	84	75	74	81	84	86	90	85	90	88	90	85	86	87	91	91	84	84	91	92	90	91	90	79	82	87	84.9
	Minimum	44	45	53	58	64	61	62	61	65	65	64	61	63	61	52	57	62	60	56	58	65	63	57	53	62	65	63	62	67	60	55	59.6
Ford City[6]	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	87	82	82	85	87	87	87	84	78	79	85	§
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	63	63	58	62	63	63	63	62	64	60	58	§
Franklin[2]	Maximum	73	78	80	73	80	82	80	77	83	85	84	86	82	86	84	86	87	83	84	88	85	76	84	85	86	87	88	83	76	79	85	82.4
	Minimum	44	45	46	56	68	62	60	61	63	65	67	65	64	65	62	57	57	65	56	56	59	61	55	56	57	63	58	58	64	60	55	59.0
Fredericksville[6]	Maximum	82	82	85	84	89	85	77	77	82	85	83	89	85	86	86	87	89	86	84	87	90	84	85	87	86	82	88	84	78	82	86	84.6
	Minimum	41	46	46	54	65	64	64	54	67	67	69	68	65	65	65	57	59	67	53	54	60	60	65	53	63	61	60	63	64	62	58	60.0
Freeland	Maximum	71	73	72	69	81	80	76	73	78	81	78	83	82	81	81	81	83	82	80	84	85	82	80	83	81	80	86	81	78	76	80	79.4
	Minimum	44	53	54	56	60	60	61	58	64	66	66	68	67	66	63	61	66	67	57	61	64	62	55	62	61	63	67	60	64	59	58	61.1
George School[6]	Maximum	76	80	79	81	86	85	72	79	78	83	84	86	85	86	89	88	90	87	86	88	92	86	85	90	88	81	91	87	85	85	88	84.7
	Minimum	48	52	51	58	67	67	63	62	66	69	72	73	69	70	68	62	66	72	60	60	64	70	64	61	68	65	65	67	69	65	62	64.4
Gettysburg	Maximum	77	77	77	76	85	85	82	73	81	87	88	90	86	88	90	90	89	87	87	91	95	92	84	90	90	85	92	91	84	84	87	85.8
	Minimum	48	51	53	62	70	67	68	65	70	71	71	74	69	68	70	64	67	73	63	63	67	68	62	60	70	69	65	67	70	61	60	65.4
Gordon	Maximum	74	77	76	72	86	83	81	75	81	87	83	88	85	85	86	88	85	86	84	85	86	84	82	85	85	91	93	92	88	83	81	85	83.5
	Minimum	40	46	46	58	65	58	58	58	66	67	68	69	64	62	62	58	61	65	54	55	60	65	57	54	60	63	57	61	63	61	51	59.1
Greensburg	Maximum	72	82	84	83	84	82	81	80	83	85	88	89	83	85	85	88	86	84	85	86	84	82	85	88	87	85	84	78	79	83	83.7
	Minimum	43	45	49	59	60	58	60	60	59	63	64	62	60	65	65	54	61	70	52	56	58	57	51	52	61	60	60	61	62	59	51	58.0
Hanover[2]	Maximum	77	79	78	78	87	76	76	78	82	83	87	90	86	90	91	92	87	88	88	91	93	87	84	91	90	86	91	87	85	86	81	85.5
	Minimum	48	54	57	60	69	68	68	65	66	70	70	72	68	68	70	65	71	73	63	66	68	68	63	62	66	71	67	69	70	63	61	65.7
Harrisburg[3]	Maximum	76	80	81	78	90	85	74	79	87	90	90	92	89	92	90	92	91	87	87	93	94	85	84	90	88	87	93	90	88	83	82	86	86.8
	Minimum	50	52	56	65	71	66	69	62	70	71	72	71	70	69	68	67	68	71	65	64	69	67	65	60	68	70	66	66	64	61	64	65.7
Hawley[6]	Maximum	74	82	79	72	87	86	78	78	82	85	85	91	91	89	91	90	90	90	85	90	87	85	86	90	89	91	90	87	85	86	87	85.5
	Minimum	39	42	45	60	63	57	58	53	60	63	67	66	67	63	63	57	54	67	53	51	60	65	55	56	62	59	57	58	60	60	52	57.8
Holtwood[3]	Maximum	77	82	79	79	82	86	73	81	82	84	82	89	87	90	89	90	91	88	85	91	93	85	85	91	93	90	88	86	84	83	90	85 3
	Minimum	55	58	59	66	72	69	69	64	70	73	73	71	70	72	72	70	72	72	70	68	72	72	70	64	73	73	72	70	73	67	71	69 1
Huntingdon	Maximum	77	81	82	79	89	86	79	75	81	86	87	90	90	92	87	89	88	89	88	93	92	84	84	90	88	87	91	86	82	84	87	85.8
	Minimum	40	45	47	60	68	61	64	62	66	65	68	65	64	65	64	56	62	71	53	57	60	65	55	56	64	66	64	62	66	58	55	60.3
Indiana	Maximum	72	79	82	82	82	81	81	75	81	84	86	89	89	87	85	83	84	84	84	86	86	85	81	84	83	86	85	80	77	82	83	83
	Minimum	39	49	55	63	67	62	62	62	64	65	66	65	62	63	62	56	64	68	53	58	62	61	51	57	64	64	64	61	63	59	58	60.
Irwin	Maximum	73	81	85	81	85	84	84	82	85	87	89	90	89	87	86	88	88	86	88	88	86	83	87	90	88	86	86	82	80	85	85	85.2
	Minimum	39	45	64	64	62	58	61	62	61	64	65	65	62	63	64	56	62	68	54	59	62	65	53	54	62	62	63	60	62	60	56	59.9
Johnstown[6]	Maximum	73	77	80	77	83	82	73	69	76	82	84	88	82	86	83	85	87	81	84	85	85	77	80	86	85	83	85	83	77	78	81	81.1
	Minimum	39	45	50	60	69	62	64	63	66	64	67	62	62	65	64	56	63	68	55	58	62	64	54	55	63	64	64	61	65	61	53	60.
Kane	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lancaster	Maximum	77	79	81	76	89	88	85	81	82	84	84	89	89	88	90	90	90	90	88	89	90	90	88	88	89	82	89	88	85	87	87	86.4
	Minimum	47	51	52	61	70	63	69	62	68	68	71	71	68	67	67	61	65	71	60	59	60	64	51	56	60	64	65	65	68	59	59	63
Lawrenceville	Maximum	75	81	80	76	84	82	84	78	84	85	84	92	89	90	88	89	84	87	83	91	92	85	84	88	90	90	94	86	83	80	87	85.
	Minimum	40	45	47	62	64	60	50	58	62	64	66	65	65	64	65	52	59	64	51	56	60	64	56	59	65	61	59	62	63	61	55	58.
Lebanon[2]	Maximum	77	80	80	77	90	86	75	81	85	89	85	91	88	89	91	91	91	89	87	92	96	86	85	92	90	89	94	90	85	85	89	86.
	Minimum	47	58	53	63	65	65	69	61	65	71	71	71	68	67	68	63	69	72	60	65	67	67	63	63	66	63	67	65	65	69	62	59	64.
Lewistown	Maximum	78	84	82	81	87	91	86	81	85	88	92	93	93	93	89	93	92	91	92	93	86	89	93	93	92	92	91	90	88	87	90	88.
	Minimum	46	50	55	62	68	63	69	64	67	69	71	70	71	68	64	62	64	74	58	65	66	60	61	61	69	68	66	64	69	69	60	64.
Lock Haven[6]	Maximum	78	83	84	76	89	85	80	75	83	85	90	91	90	91	88	92	87	90	89	92	91	85	88	90	90	91	92	89	77	86	89	86.
	Minimum	42	47	49	61	67	61	66	64	67	68	70	69	67	65	67	59	62	69	56	58	63	65	57	60	64	68	64	66	68	64	62	62.
Marcus Hook[3]	Maximum	78	83	86	87	90	85	74	83	84	88	93	94	89	91	98	96	96	88	92	93	96	94	86	92	93	85	93	92	94	87	93	89.
	Minimum	54	59	59	64	69	70	64	65	68	71	72	73	72	74	74	72	72	75	70	67	72	72	67	68	71	74	72	70	74	68	69	69.

Continued on page 52.

Daily Temperatures for July, 1943 Continued from page 51

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Martinsburg[5]	Maximum	73	75	78	77	82	80	72	67	75	80	82	86	84	86	83	85	85	82	82	86	84	77	80	86	85	82	85	82	76	76	80	80.1
	Minimum	41	48	56	63	66	63	64	63	64	68	67	64	64	65	64	60	63	62	59	61	64	59	56	57	66	66	64	61	60	62	57	61.2
Mauch Chunk	Maximum	72	75	77	75	84	84	....	80	81	84	80	88	88	85	86	85	87	83	82	86	88	87	82	86	87	86	88	87	83	79	84	83.2
	Minimum	39	44	46	58	65	60	....	58	66	66	69	69	61	75	68	74	58	64	52	61	59	65	58	70	60	60	59	62	62	59	68	61.1[a]
Meadville[2]	Maximum	72	79	82	73	76	81	82	76	83	85	86	88	84	87	83	86	88	82	85	87	86	74	81	84	87	86	87	86	76	79	84	82.1
	Minimum	45	41	53	65	67	59	62	65	60	64	66	63	64	64	59	56	62	66	55	57	60	63	55	51	58	59	56	58	62	55	53	58.8
Mercer[5]	Maximum	70	82	84	73	81	84	81	76	86	86	87	88	84	87	81	87	87	86	86	86	84	73	87	87	87	86	89	84	76	88	88	85.6
	Minimum	40	37	57	66	62	58	63	63	61	66	65	63	63	63	57	52	64	56	53	58	58	55	52	53	61	57	55	60	59	55	52	57.5
Middletown[3]	Maximum	76	80	80	77	89	86	79	80	84	87	85	90	90	90	89	90	90	87	86	92	94	86	84	90	90	90	92	88	84	87	88	86.5
	Minimum	48	51	58	62	69	65	67	61	68	70	71	70	69	69	67	61	66	68	60	62	68	66	62	59	66	65	64	66	66	66	66	63.8
Midland[3]	Maximum	73	82	84	76	84	86	86	80	83	87	86	87	83	85	85	87	92	83	86	89	88	78	83	83	89	87	89	87	83	80	86	84.4
	Minimum	48	51	60	67	69	65	68	66	67	68	66	67	65	72	67	62	67	65	58	63	64	66	57	60	66	64	65	65	66	63	59	63.7
Montrose[2]	Maximum	69	76	75	66	82	82	79	78	83	82	79	86	84	82	83	82	86	80	77	86	86	78	79	84	83	84	88	80	79	78	83	80.6
	Minimum	44	49	52	54	57	60	61	57	60	65	67	67	66	64	64	59	62	65	57	58	60	62	55	61	66	61	61	62	61	58	57	59.7
Mt. Lebanon[6]	Maximum	74	79	83	74	85	81	82	79	84	83	87	89	84	88	85	89	90	85	85	89	88	79	82	83	89	86	88	85	79	78	85	83.8
	Minimum	44	51	53	71	69	62	67	65	65	68	67	68	64	64	66	60	66	69	66	63	65	67	56	60	65	64	62	63	65	62	56	63.0
Mt. Pocono[3]	Maximum	67	72	70	67	80	79	68	74	75	75	76	81	81	80	80	80	80	81	79	75	80	80	77	79	82	80	80	85	79	76	75	77.2
	Minimum	41	45	48	55	61	60	60	57	61	63	66	68	64	64	63	60	57	59	52	53	59	62	56	57	63	61	59	60	62	58	56	58.4
New Castle	Maximum	73	81	88	88	80	83	83	83	83	81	86	89	85	90	85	89	89	88	87	87	89	89	85	82	86	89	91	91	83	83	85	85.5
	Minimum	43	44	56	68	68	63	64	64	66	68	66	65	66	65	61	57	67	70	56	62	62	65	55	68	61	65	68	64	67	60	57	62.3
Palmerton[3]	Maximum	78	81	79	77	90	87	73	83	84	89	84	93	89	89	91	91	94	90	86	91	95	87	89	92	90	87	92	87	81	84	86	86.7
	Minimum	43	49	49	60	66	60	66	63	69	71	71	72	69	67	65	60	63	62	55	57	64	67	61	57	67	64	64	66	67	63	57	62.4
Park Place[3]	Maximum	68	70	70	70	81	78	67	72	74	78	74	75	80	78	79	80	80	80	79	78	76	82	83	76	76	82	79	81	84	78	78	76.6
	Minimum	45	53	54	54	62	61	57	58	65	67	67	67	68	65	64	64	64	68	63	66	63	66	61	57	62	65	64	61	61	61	59	61.5
Philadelphia Airport Station[3]	Maximum	77	80	79	82	87	84	70	80	83	84	87	93	86	88	92	92	92	89	88	91	94	87	86	90	91	82	90	88	88	86	89	86.3
	Minimum	52	57	55	60	69	67	64	64	67	70	71	72	70	72	71	67	68	71	68	62	69	68	66	65	71	74	68	66	72	66	66	66.6
City Office[3]	Maximum	76	80	76	82	87	84	71	78	80	83	85	89	84	86	91	91	92	89	88	89	92	87	86	87	89	83	89	89	87	86	89	85.3
	Minimum	56	68	62	64	69	70	64	66	67	70	71	74	72	73	74	75	74	77	72	71	72	70	68	68	71	73	72	72	73	70	70	69.8
Franklin Institute[2]	Maximum	77	80	79	....	87	85	72	81	81	87	89	93	88	90	92	92	93	88	87	91	95	88	87	84	91	....	92	89	89	86	89	87.0[b]
	Minimum	55	61	61	66	69	70	65	64	69	71	72	74	73	76	75	72	75	79	69	69	73	71	68	68	71	71	....	71	75	70	68	69.7[a]
Shawmont	Maximum	78	80	89	80	88	85	82	80	80	85	84	90	86	89	90	90	92	88	87	90	93	93	86	90	89	88	90	90	88	85	89	86.9
	Minimum	50	52	52	57	68	66	65	62	66	70	71	73	69	72	68	63	66	73	62	60	66	70	65	63	70	69	68	65	70	66	63	65.2
Philipsburg[3]	Maximum	70	73	74	68	80	77	73	66	75	79	80	82	82	84	79	82	80	80	79	84	83	75	77	81	82	83	85	80	73	76	80	78.1
	Minimum	31	37	58	60	58	54	62	60	61	62	66	62	60	59	58	52	57	57	52	52	55	53	52	50	59	56	53	61	56	57	48	55.3
Phoenixville	Maximum	83	83	80	85	94	89	86	85	86	90	91	96	97	97	97	92	94	90	89	91	96	100	92	93	95	89	97	96	97	94	96	91.6
	Minimum	46	50	50	57	68	65	65	61	65	72	71	71	68	69	68	60	64	69	56	56	63	60	62	59	67	67	66	64	69	62	57	62.8
Pittsburgh Arpt Sta.[3]	Maximum	70	79	84	75	84	80	80	79	82	82	87	88	81	86	84	87	87	85	84	88	86	77	81	83	88	85	86	84	78	78	84	82.6
	Minimum	46	55	59	65	68	65	67	65	64	68	68	68	65	65	69	66	66	70	62	67	66	63	59	64	68	65	58	62	66	63	60	63.9
Pittsburgh City Office[3]	Maximum	75	80	85	74	85	84	83	80	84	82	88	90	83	89	87	90	90	85	86	88	88	76	83	84	90	88	89	86	78	80	87	84.4
	Minimum	50	54	64	68	69	67	68	68	68	69	71	72	68	68	69	65	69	68	63	68	68	67	62	65	69	67	67	66	67	65	62	66.2
Port Clinton[2]	Maximum	74	77	76	75	88	84	72	79	83	85	83	88	85	86	86	88	88	87	84	89	91	84	88	89	88	89	91	88	81	83	86	84.4
	Minimum	40	46	49	63	62	62	68	58	62	70	69	71	70	63	65	58	61	68	54	55	62	65	61	55	63	65	61	63	64	61	55	60.9
Putneyville[6]	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	86	78	83	84	86	87	88	84	76	80	85	§
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	65	53	55	62	62	60	64	64	59	54	§
Pymatuning Dam[2]	Maximum	70	78	82	74	78	80	82	76	82	85	85	86	85	88	83	85	87	82	85	87	86	75	82	80	87	85	88	84	79	78	87	82.3
	Minimum	42	39	55	62	66	58	63	64	61	65	65	63	64	63	57	54	65	66	51	56	58	63	51	50	51	59	53	58	64	54	55	57.9
Quakertown	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	42	47	46	53	64	62	62	60	64	62	68	70	66	66	65	57	57	67	55	56	61	65	60	65	65	61	61	63	65	61	55	60.4
Reading[3]	Maximum	75	80	79	78	90	86	72	80	84	88	85	91	86	89	90	91	90	90	88	91	94	87	87	90	89	85	92	89	83	87	89	86.3
	Minimum	53	54	57	63	67	66	67	63	68	71	72	70	69	72	71	68	69	72	67	64	70	67	65	63	73	70	68	68	70	65	64	66.6
Ridgway[2]	Maximum	74	78	81	72	81	81	80	75	82	83	87	88	85	87	84	87	85	85	85	88	88	78	83	81	86	89	88	85	73	81	85	82.7
	Minimum	36	38	42	51	64	59	55	60	61	61	63	61	60	63	60	50	51	64	49	49	52	58	51	52	55	56	55	56	62	56	51	54.9
Scranton[3]	Maximum	73	80	78	74	85	86	75	79	84	83	84	90	89	86	87	85	89	85	81	87	90	81	82	87	86	86	90	85	80	82	85	83.7
	Minimum	46	51	52	62	67	63	67	62	66	67	71	72	72	68	67	68	63	70	65	59	64	67	61	63	69	65	62	65	64	64	57	63.8
Selinsgrove	Maximum	75	76	77	74	89	85	80	76	84	86	84	89	87	83	87	89	83	87	85	89	91	90	86	86	86	89	89	87	82	85	86	84.6
	Minimum	44	49	52	63	68	62	65	60	67	68	70	70	68	66	67	60	65	71	58	59	63	66	59	59	68	66	64	64	67	62	56	62.8
Sharon	Maximum	77	85	91	91	78	87	87	82	87	88	90	90	90	93	89	89	90	90	90	93	93	92	87	87	93	92	93	93	77	80	89	88.2
	Minimum	47	50	63	72	71	68	70	68	68	73	70	72	71	70	66	63	70	69	61	66	69	68	60	62	67	70	62	69	69	63	63	66.1
Somerset	Maximum	71	74	79	77	82	80	76	69	76	81	81	85	81	83	82	87	83	81	84	84	82	79	81	85	84	84	83	84	77	76	81	80.4
	Minimum	34	41	45	58	67	57	59	61	63	60	64	57	59	63	63	50	58	67	50	56	57	64	50	49	60	63	62	59	60	57	47	56.8
Springs[6]	Maximum	70	71	75	75	79	78	69	66	73	76	80	83	80	80	80	83	82	75	80	82	81	75	77	83	82	78	80	80	73	73	78	77.3
	Minimum	34	42	45	52	65	56	60	59	61	62	63	58	56	61	55	50	54	66	50	55	57	61	47	50	54	60	61	57	60	54	46	55.2
State College[3]	Maximum	74	77	78	73	85	81	78	70	82	85	85	88	88	87	83	87	83	85	84	88	87	80	82	87	88	88	89	85	77	81	85	82.9
	Minimum	43	51	61	65	71	67	67	62	65	68	69	67	67	65	65	62	63	69	61	61	65	65	56	60	71	65	63	63	62	61	58	63.2
Stroudsburg	Maximum	75	82	80	79	87	90	87	79	83	84	86	89	89	88	89	90	92	92	89	88	90	89	90	91	90	85	92	92	87	87	88	87.1
	Minimum	41	45	47	56	65	59	63	61	66	66	69	69	67	65	64	68	60	66	53	58	60	67	58	57	63	62	61	62	64	61	55	60.4
Tamarack[2]	Maximum	68	72	72	65	78	72	74	69	74	79	80	83	80	82	79	80	78	79	78	79	84	74	77	79	82	82	85	78	72	75	81	77.1
	Minimum	42	43	52	54	59	60	60	59	59	61	64	65	63	63	63	58	58	63	55	55	62	61	54	55	60	63	60	61	61	58	57	58.3
Towanda	Maximum	74	81	81	72	86	84	79	77	85	89	84	89	86	86	85	87	88	85	81	88	90	82	83	88	87	87	91	85	82	82	86	84.2
	Minimum	41	44	46	63	65	61	60	57	63	64	70	68	68	62	65	59	59	69	55	55	59	64	56	59	66	67	58	62	64	61	53	60.1
Uniontown	Maximum	73	79	83	82	84	81	82	79	81	82	87	86	82	86	86	87	87	84	82	88	86	85	81	85	89	86	84	84	77	77	83	83.2
	Minimum	44	52	60	67	71	65	71	66	67	71	69	67	66	69	71	59	64	71	59	63	67	69	60	59	66	66	65	63	65	65	56	64.3
Vandergrift [3]	Maximum	75	83	86	79	88	84	83	82	86	88	90	92	80	90	87	90	87	89	87	89	91	87	84	87	91	89	89	85	80	83	88	86.1
	Minimum	43	48	57	69	70	64	66	66	68	69	69	69	66	67	68	58	67	66	57	62	68	66	57	58	65	64	66	65	67	64	57	63.4
Warren	Maximum	74	80	83	80	75	82	84	78	84	87	86	89	85	90	86	86	87	85	85	90	88	81	80	85	86	89	89	84	78	81	86	84.0
	Minimum	42	43	55	58	66	61	59	64	61	63	66	64	65	64	62	56	62	65	54	56	61	64	56	56	62	59	56	62	64	58	54	59.3
Waynesburg	Maximum	75	82	84	83	86	85	85	84	83	85	86	88	84	87	87	89	88	86	86	87	87	83	84	87	89	87	85	85	80	81	85	84.9
	Minimum	42	46	53	65	70	63	64	64	62	65	63	67	62	64	67	56	63	70	55	62	62	67	56	54	63	62	63	61	64	61	53	60.9
Wellsboro[2]	Maximum	74	79	78	74	83	80	81	73	82	84	85	90	88	87	84	86	83	84	83	86	88	78	82	87	85	87	89	84	81	80	86	82.9
	Minimum	37	41	43	47	62	57	55	57	58	61	63	66	62	62	60	52	53	57	47	53	54	59	51	54	56	54	56	58	61	60	51	55.1
West Chester	Maximum	75	79	79	81	88	84	80	80	82	88	85	91	85	89	89	89	91	86	86	89	93	86	84	89	89	80	91	87	88	84	88	85.6
	Minimum	48	52	52	56	64	65	73	73	68	72	73	74	70	72	68	64	67	72	62	60	66	67	63	61	66	68	66	63	67	62	62	65.0
Wilkes-Barre[5]	Maximum	77	79	79	74	86	86	76	78	85	83	83	90	89	87	87	88	89	87	82	88	92	85	85	89	88	89	92	85	81	84	85	84.8
	Minimum	43	51	53	64	67	62	67	59	67	68	70	71	71	66	67	63	68	70	60	58	63	67	60	60	66	62	61	63	63	61	57	62.7
Williamsport	Maximum	77	81	80	77	90	80	80	78	83	88	86	88	90	89	89	89	87	90	87	92	92	88	87	89	86	90	92	88	85	86	89	86.2
	Minimum	44	47	50	63	62	61	62	60	65	68	71	74	63	65	65	59	64	71	57	51	62	65	58	63	68	63	61	64	65	66	56	61.7
Woodward[5]	Maximum	66	72	72	66	80	77	73	68	76	82	79	82	83	81	79	79	78	78	75	83	84	74	74	81	82	80	85	77	73	76	78	77.2
	Minimum	43	50	56	59	62	61	60	57	62	66	66	66	64	63	64	62	65	62	60	65	61	58	56	61	67	65	59	61	58	58	60	60.5
York	Maximum	78	80	81	80	89	88	86	81	84	89	90	92	89	90	92	93	94	91	91	93	94	95	87	92	93	90	93	90	89	86	90	88.7
	Minimum	44	50	51	63	70	64	68	61	68	69	70	70	67	67	66	60	66	71	57	61	64	68	60	57	68	66	63	65	67	58	55	63.0

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [6] At a fixed hour between sunset and 11:00 p.m.
[a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

Daily Evaporation(inches) and Wind Movement(miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Pymatuning Dam.. (a. m.)	Evaporation	.090	.198	.172	.190	.048	.159	.184	.136	.098	.112	.208	.181	.244	.118	.221	.243	.213	.148	.271	.218	.207	.226	.151	.206	.099	.149	.116	.151	.176	.134	.210	5.277
	Wind movement	16	16	12	32	23	49	6	25	25	20	25	18	24	13	18	11	20	22	14	13	11	23	27	20	12	12	24	25	23	24	24	627
Shaver Creek..... (p. m.)	Evaporation	.152	.206	.252	.108	.164	.228	.190	.062	.030	.094	.200	.180	.168	.174	.138	.250	.294	.282	.150	.090	.258	.214	.242	.184	.140	.146	.180	.344	.016	.192	.154	5.482
	Wind movement	18	19	33	22	24	34	34	6	1	6	9	9	9	14	28	26	3	12	27	13	22	28	30	6	4	5	13	13	14	19	9	510
Wallenpaupack... (a. m.)	Evaporation	.234	.080	.321	.112	.156	.109	.213	.203	.093	.092	.119	.103	.196	.211	.205	.294	.316	.189	.333	.260	.244	.222	.224	.246	.239	.159	.172	.245	.221	.099	.275	6.185
	Wind movement	124	52	27	139	110	72	23	58	25	19	64	10	30	45	86	25	161	94	97	70	93	58	83	40	32	79	34	32	5	135	29	1951

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. AUGUST, 1943. No. 8.

GENERAL SUMMARY.

The average temperature was above normal for the fourth consecutive month, but since the surplus was slight the accumulated average daily excess for the year remains 0.2°. The first half of the month was hot and extreme maxima, recorded by most stations about the 12th, were generally higher than those of July. Extreme minima occurred at practically all stations on the 19th. Averages were above station normals, excepting at a few southwestern and mountain stations.

Precipitation occurred with near-normal frequency but, with a few exceptions, amounts were light and only a few northern and western stations had surpluses. The State average was the lowest obtained in any August since 1930 and the accumulated deficiency for the year rose to 1.72 inches. Greatest amounts of rain fell in the storms of the 3d-4th, 13th, and 27-28th. The storm of the 27-28th ended the driest period of the month.

Thunderstorms were most general on the 13th. Reports of damage caused by lightning were widespread, and in the Fayette-Westmoreland area excessive rain caused sudden flooding. Near Melcroft, two children drowned when five houses were swept away. From such widely separated areas as Bucks, Dauphin, Venango, and York Counties reports were received of additional property damage caused by high winds.

The weather during the meteorological summer months of June, July, and August was hot and dry. The average temperature was 72.1°, 1.9° above the 56-year normal, due primarily to the large surplus accumulated in June. It was hotter than any similar period since 1934 and was, with 1892, the 5th warmest summer in the period of record. Precipitation was 2.09 inches below the 56-year normal for the period. This was the driest since 1932 and the 11th lowest average in the period of record. The lack of rain, which was noticeable in some areas in the latter part of June, became more pronounced as the summer progressed and produced drought conditions in the southeast by the end of August. Crops were stunted and dying and fall plowing was practically at a standstill. Increasing numbers of wells and cisterns went dry, and in some localities measures were taken to counteract unsanitary conditions caused by dwindling streams. Farmers were hauling water for livestock and feeding supplemental roughage to cattle.

ERRATA

July, 1943.—Page, 51, Huntingdon, minimum temperatures on the 7th and 8th should be 62° and 64°, respectively.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 78 stations was 70.8°, which is 0.5° above the 56-year normal for August. The highest monthly mean was 79.4° at Marcus Hook, and the lowest was 63.3° at Black Moshannon Airport. Extremes ranged from a maximum of 101° at Phoenixville, on the 24th and 25th to a minimum of 33° at Black Moshannon Airport, on the 20th.

PRECIPITATION.

The average precipitation for the State as deduced from the observations at 201 stations was 2.72 inches, which is 1.48 inches below the 56-year normal for August. The greatest monthly amount was 6.53 inches at Greensburg, and the least, 0.43 inch at West Grove. The greatest amount for any 24 consecutive hours was 3.90 inches at Greensburg on the 13th.

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	69.8	100	33	7.05		10	13	10	8
1889	67.4	100	37	3.24		8	15	10	6
1890	68.8	98	34	5.76		12	9	14	8
1891	69.6	99	35	5.09		12	8	12	11
1892	71.4	99	42	3.77		9	14	7	10
1893	70.4	99	30	4.50		8	14	10	7
1894	69.4	98	32	1.84		6	13	12	6
1895	72.3	101	32	3.23		9	15	11	5
1896	71.2	101	35	2.22		8	14	11	6
1897	67.9	97	34	3.17		9	14	11	6
1898	72.3	99	37	6.60		12	11	11	9
1899	71.2	101	38	4.01		7	14	10	7
1900	75.0	103	38	3.33		9	14	12	5
1901	72.0	99	42	6.81		11	10	12	9
1902	67.8	100	34	2.62		8	13	13	5
1903	67.2	99	36	5.29		14	9	12	10
1904	68.0	96	34	4.36		9	15	10	6
1905	69.6	95	36	5.71		12	12	12	7
1906	73.2	96	39	5.62		12	10	12	9
1907	68.0	97	32	2.94		10	16	9	6
1908	69.4	102	30	3.22		7	15	10	6
1909	69.4	100	34	2.31		7	16	9	6
1910	69.8	98	35	2.61		6	14	10	7
1911	71.4	102	36	7.63		13	11	8	12
1912	67.1	93	36	5.02		14	9	12	10
1913	70.4	102	38	2.69		8	17	9	5
1914	71.3	100	34	3.85		11	13	11	7
1915	68.0	99	34	6.71		15	10	11	10
1916	71.9	103	32	2.57		8	17	10	4
1917	71.2	101	38	6.69		10	15	10	6
1918	73.6	108	32	4.12		11	16	10	5
1919	68.2	94	35	5.43		12	13	10	8
1920	70.2	95	37	4.66		15	9	12	10
1921	68.4	97	35	3.83		9	17	8	6
1922	69.1	100	31	3.14		10	15	9	7
1923	69.2	96	30	3.10		9	15	11	5
1924	70.1	102	31	3.78		9	16	10	5
1925	69.7	97	26	2.28		7	18	9	4
1926	71.9	103	32	5.69		15	11	8	12
1927	65.5	92	34	4.12		12	12	10	9
1928	73.4	99	35	4.60		12	13	11	7
1929	67.7	98	31	2.52		7	17	8	6
1930	70.3	108	29	1.47		7	15	10	6
1931	71.1	104	40	4.01		12	11	10	10
1932	71.6	103	34	2.82		8	19	8	4
1933	70.8	104	38	7.61		12	13	9	9
1934	68.6	98	30	4.94		11	14	8	9
1935	71.3	98	31	3.91		11	13	10	8
1936	73.2	102	37	4.96		12	13	11	7
1937	73.5	101	40	5.43		12	13	9	9
1938	73.8	100	36	2.90		8	17	10	4
1939	73.3	98	41	2.98		8	15	10	6
1940	68.8	98	30	4.57		11	11	9	11
1941	68.8	101	31	4.35		8	17	9	5
1942	69.5	96	27	4.53		11	10	11	10
1943	70.8	101	33	2.72		8	14	11	6
Period	70.3	108	26	4.20		10	14	10	7

Climatological Data for August, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	72.9	+1.0	95	2	49	19†	4.80	−0.10	1.75	27-28	0	7	21	6	4	s.	Allent'n-Bethlehem Gas Co.
Altoona-5 mi. W.	Blair	1,615	56	69.6	+0.4	92	12	44	20	1.88	−1.61	0.54	3-4	0	6	20	7	4	w.	City of Altoona.
Bethlehem	Northampton	364	57	73.9	+0.6	95	23	52	20	4.17	−0.28	1.62	27-28	0	9	22	3	6	sw.	Lehigh University.
Burnt Cabins-2 mi. E.	Huntingdon	990	2	71.1[a]	.....	96°	12†	42[a]	19	2.07	.....	0.87	13-14	0	9	20	3	8	nw.	Penna. Turnpike Comm
Carlisle	Cumberland	473	74	72.7	0.0	95	12	48	19	3.22	−1.50	2.47	4	0	8	22	5	4	sw.	Clarence E. Miller.
Chambersburg	Franklin	600	46	74.7	+2.3	99	12	47	19	1.64	−2.18	1.24	13-14	0	6	18	9	4	s.	William B Spear.
Coatesville	Chester	431	56	76.5	+3.8	95	2†	53	20	1.25	−3.48	0.70	13-14	0	7	9	12	10	nw.	Howard L. Pyle.
Curwensville-6 mi. NW	Clearfield	2,215	1	65.4	.....	86	12	45	19	2.71	.....	0.82	13-14	0	12	12	13	6	nw.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	2	66.3	.....	89	25	48	19†	3.42	.....	1.55	27-28	0	8	18	8	5	ne.	Carl E. Bigger.
Emporium	Cameron	1,033	57	68.4	+0.7	93	12	43	20	2.84	1.14	1.05	13	0	10	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	46	75.6	+3.2	97	12	50	19	1.28	−2.98	0.87	13-14	0	6	19	3	9	n.	Ira J. Keath.
Everett-1 mi. SW.	Bedford	1,020	21	71.1	+1.5	100	12	42	19	0.55	−3.29	0.22	3-4	0	5	11	10	10	nw.	Penna. Turnpike Comm
Freeland	Luzerne	1,970	50	69.6	+2.9	90	3	50	19	2.74	−1.66	1.47	13-14	0	4	16	8	7	s.	Andrew B. Evansha.
George School	Bucks	184	37	74.4	+2.3	93	2†	50	20	1.82	−3.22	0.78	27-28	0	8	19	9	3	sw.	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	76.0	+3.7	98	10†	52	19	1.59	−2.73	1.12	13	0	4	22	6	3	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	69.4	+1.1	92	12	43	20	3.49	−0.67	1.45	13-14	0	9	12	16	3	e.	Miss Sallie M. Johnson.
Hanover	York	600	39	75.7	+2.1	95	2†	54	19	2.04	−2.48	1.35	13	0	5	20	3	8	s.	Evening Sun.
Harrisburg Airport	York	351	74	75.2	+2.6	97	12	54	20	1.68	−2.36	0.80	4-5	0	8	11	11	9	w.	U. S. Weather Bureau.
Hawley	Wayne	900	25	69.4	+1.4	93	2†	41	20	2.78	−1.31	1.79	27	0	9	19	11	1	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	28	77.2	+2.2	96	11†	60	20	1.46	−2.46	0.66	13	0	7	16	10	5	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	56	71.7	+1.0	98	12	46	19†	1.85	−2.03	0.65	27	0	9	12	9	10	nw.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	74.0	+1.6	94	12	50	19	1.38	−2.70	0.92	13-14	0	4	23	4	4	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	69.4	+1.1	93	23	45	20	3.69	+0.22	1.55	13	0	6	13	14	4	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	74.4	+2.2	97	12	51	19	2.22	−2.21	1.05	13	0	7	27	3	1	sw.	Lebanon Valley Gas Co.
Lewistown	Mifflin	580	5	74.9[d]	.....	98°	12	52°	29†	1.92	.....	0.81	27	0	7	.....	.....	.....	.....	Penna. Dept. of Highways
Lock Haven	Clinton	557	53	72.4	+0.9	97	12	50	19†	3.70	−0.31	2.15	13-14	0	7	14	12	5	e.	William R. Kelley.
Marcus Hook	Delaware	12	17	79.4	+3.1	98	10†	59	19	0.69	−4.86	0.30	13	0	5	27	2	2	s.	Sun Oil Co.
Martinsburg	Blair	1,493	1	69.2	.....	93	12	47	19†	2.34	.....	1.02	26-27	0	7	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose	Susquehanna	1,176	38	67.4	+0.6	88	2	49	7†	3.43	−0.64	1.63	27-28	0	8	12	7	12	nw.	Harry S. Fancher.
Mt. Pocono Airport	Monroe	1,914	2	65.8	.....	84	2†	43	20	1.62	.....	0.72	13-14	0	8	6	20	5	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	25	71.8	+0.9	93	2†	47	19†	3.12	−0.84	1.62	27	0	8	2	14	15	n.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	2	76.4	+3.1	95	12	57	20	0.65	−3.97	0.16	13†	0	7	9	14	8	sw	U. S. Weather Bureau
Philipsburg‡-7 miles E.	Centre	1,916	1	63.3	.....	88	12	33	20	2.62	.....	1.10	3-4	0	8	8	17	6	nw.	U. S. Weather Bureau.
Phoenixville	Chester	100	33	76.2	+0.9	101	24†	45	19	1.07	−4.28	0.46	4-5	0	6	23	5	3	sw.	Phila.-Suburban Water Co.
Port Clinton	Schuylkill	407	5	70.4	−0.9	95	12	45	20	2.44	−2.73	1.15	13-14	0	5	24	6	1	n.	Earl E. Rarick.
Quakertown	Bucks	480	58	.....	.....	.....	.....	43	20	3.23	−1.86	1.61	27-28	0	9	16	9	6	nw.	John E. Benner.
Reading	Berks	273	73	76.0	+3.1	95	12	55	20	1.67	−2.54	0.79	27	0	7	13	10	8	nw.	U. S. Weather Bureau
Scranton	Lackawanna	746	49	71.1	+1.3	92	12	47	20	2.83	−0.86	1.40	27-28	0	8	9	18	4	n.	U. S. Weather Bureau
Selinsgrove	Snyder	476	53	72.0	+0.6	93	12	47	19	2.40	−1.44	1.08	26-27	0	8	16	10	5	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	70.5	+1.7	93	12	48	29	3.08	−0.40	1.17	3-4	0	7	8	13	10	w.	Penna. State College.
Stroudsburg	Monroe	440	29	72.3[d]	+2.4	94	3	48°	7	3.13	−1.07	1.81	27-28	0	8	17	7	7	w.	Metropolitan Edison Co.
Tamarack Twr.	Clinton	2,250	3	65.7	.....	86	13	48	19†	4.41	.....	2.47	13-14	0	10	8	17	6	w	James E. Swartz.
Towanda	Bradford	754	49	70.0	+1.5	93	12†	43	20	2.27	−1.16	1.17	27-28	0	8	11	14	6	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	73	66.6	+0.2	92	12	41	20	3.26	+0.08	1.04	27	0	7	11	14	6	w.	M. S. Bliss.
West Chester	Chester	410	94	74.8	+2.6	93	10†	53	20	0.91	−4.08	0.24	4-5	0	7	23	3	5	sw.	Clyde T. Saylor.
Wilkes-Barre	Luzerne	544	5	70.6	.....	92	2†	46	20	3.25	−0.53	1.18	27	0	8	0	21	10	sw.	U. S. Communication Sta.
Williamsport	Lycoming	550	57	72.0	+1.0	95	12	48	19	3.70	−0.03	1.51	13-14	0	9	7	16	8	w.	John D. McEwen.
Woodward-2mi. NE.	Centre	2,208	2	67.5	.....	85	12	48	19	2.93	.....	0.86	27	0	5	6	19	6	w.	U. S. Weather Bureau.
York	York	400	55	75.2	+2.6	96	2†	47	19	3.04	−1.02	1.27	4-5	0	5	19	8	4	nw.	York Water Co.
Division mean				71.8	+1.5	101	24†	33	20	2.45	−1.75	3.58	12-13	0	7	15	10	6	nw.	
Ohio Drainage																				
Bradford	McKean	1,680	2	65.2	.....	87	12	39	20†	4.66	+0.98	2.68	9-10	0	10	2	17	12	w.	City Water Dept.
Brookville	Jefferson	1,400	53	66.2	+0.3	91	12	41	20	2.52	−1.32	0.70	24	0	8	5	17	9	sw.	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	69.6	−0.6	92	12	41	21	1.88	−2.02	0.65	3-4	0	7	16	12	3	w.	Butler Eagle.
Clarion-3mi SW.	Clarion	1,114	33	68.4	.....	94	12	44	19†	3.06	−1.18	1.19	13	0	12	10	16	5	w.	Penna. Electric Co.
Claysville	Washington	1,170	38	67.9	−3.8	88	11†	42	19	4.55	+0.78	1.15	3-4	0	6	21	3	7	nw.	Walter B. Paget.
Corry	Erie	1,431	30	67.2	+0.1	88	12	43	19†	2.50	−1.49	0.70	23-24	0	11	17	12	2	.....	Corry Evening Journal.
Coudersport	Potter	1,653	16	67.0	+0.9	91	2	37	7	5.66	+2.17	2.01	9-10	0	9	17	9	5	nw.	Philip R. Shaw.
Derry	Westmoreland	1,150	46	70.9	+1.6	93	12	44	19†	3.22	−0.85	1.33	3-4	0	7	19	5	7	sw.	Miss N. Dixie Wineman.
Donora	Washington	761	17	73.6	−0.6	94	12†	48	21	3.33	−0.09	1.54	13	0	6	2	12	17	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	65.6	−1.1	89	12	38	19	2.62	−1.40	0.79	27-28	0	10	17	6	8	w.	Miss. Emma H. Eastman.
Ford City-4 mi. SE	Armstrong	950	0	72.0	.....	92	12	44	19†	2.34	.....	0.93	4	0	9	18	5	8	w.	U.S. Engineers.
Franklin	Venango	987	69	68.3	−0.2	90	12	45	19†	4.94	+0.80	1.72	27	0	10	17	10	4	s.	William K. Fuller.
Greensburg-2 mi. S.	Westmoreland	1,160	34	68.8	−2.1	91	12	38	19	6.53	+2.42	3.90	13	0	8	16	9	6	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	42	69.2	−0.7	91	12†	42	19	3.66	−0.26	1.30	3-4	0	7	16	7	8	w.	Indiana State Teachers Col.
Johnstown	Cambria	1,650	61	68.2	−3.2	93	12	44	19†	1.74	−2.78	0.75	4	0	7	18	7	6	sw	Robert Tross.
Kane-1 mile N.	McKean	1,750	28	.....	.....	.....	.....	.....	.....	2.84	−1.15	1.79	13-14	0	9	4	15	12	nw.	Spring Water Co.
Meadville	Crawford	1,065	49	68.0	+0.3	90	1	43	20†	1.62	−1.91	0.50	13	0	10	9	14	8	nw.	City of Meadville
Midland	Beaver	780	6	71.2	.....	92	12	50	19†	3.07	.....	1.53	12-13	0	9	9	10	12	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	70.5	0.0	93	1	45	20	1.34	−2.14	0.91	23-24	0	5	15	12	4	s.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	71.7	−0.1	90	12	51	28	1.89	−1.34	0.82	3-4	0	8	12	11	8	s	U. S. Weather Bureau.
Putneyville-2 mi. SE	Armstrong	1,270	0	71.8[b]	.....	91[b]	12	48[b]	7	1.23	.....	0.58	3-4	0	6	8	12	11	w.	U.S. Engineers.
Pymatuning Dam	Crawford	1,050	2	68.1	.....	90	2†	42	19	3.14	.....	1.33	13	0	13	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1,371	36	66.0	−1.1	93	12	40	19	2.85	−0.57	1.87	13	0	9	7	18	6	s.	West Penn Power Co.
Sharon	Mercer	940	30	75.0	+3.7	95	9†	50	19†	3.99	+0.42	1.64	13	0	6	15	12	4	se.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,190	76	66.8	−0.2	91	11†	37	19	2.14	−2.77	1.13	12-13	0	10	9	8	14	w.	D. L. Grove.
Springs	Somerset	2,500	26	64.9	−1.2	88	12	40	20	2.39	−1.89	0.94	13	0	10	9	18	9	4	sw.	Allen E. Yoder.
Uniontown	Fayette	1,060	55	71.5	−0.4	90	12	48	19†	2.90	−1.81	0.74	4	0	9	7	8	14	w.	William W. Marsteller.
Vandergrift	Westmoreland	825	29	72.0	+0.6	95	12	47	19†	1.97	−1.93	0.74	13	0	9	8	18	5	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	54	69.6	+0.9	91	1†	45	19†	5.04	+1.29	3.35	13	0	7	8	17	6	s.	Merrill L. Jordan.
Waynesburg	Greene	1,100	12	70.5	−1.8	90	25	44	19	3.59	−0.67	1.65	4	0	6	8	19	4	sw.	Thomas S Knox.
Division mean				69.2	−1.1	95	9†	37	7†	3.11	−1.09	3.90	13	0	8	12	12	7	w.	
Lake Drainage																				
Erie	Erie	670	70	71.4	+1.8	90	2	54	28	1.49	−1.78	0.46	3-4	0	11	5	16	10	w.	U. S. Weather Bureau.
State mean				70.8	+0.5	101	24†	33	20	2.72	−1.48	3.90	13	0	8	14	11	6	w.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. * Estimated. T.(trace) indicates precipitation less than .01 inch.

Reference letters, [a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., missing from therecord.

Figures and letters following station indicate distance and direction from the city and replace the previous designation 'near'. Locations not appearing here are shown in the Daily Precipitation Table.

‡ Philipsburg is Black Moshannon Airport.

W. B. O., Philadelphia-10-23-43-975

Daily Precipitation for August, 1943

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2]	Pike					.01				.05	.15				.42													1.75		.16		2.53
Hawley[2]	Wayne	.02			.02	.01				.07	.19				.56	.09												1.79	.03			2.78
Hollisterville[2]	Wayne					.01				.14	.17				.43			.01										1.76	.02			2.54
Lakeville[2]	Wayne				T.	.03				.07	.29				.58													1.91	.02			2.90
Matamoras[2]	Pike									.49	.60				.21													1.51				2.81
Mount Pocono[1, 5]	Monroe			T.	.01				.03		.10			.48	.24			T.				T.					.66	.09		.01		1.62
Pleasant Mount‡	Wayne				.36						.23			.24	.06												1.54	.06				2.49
Stroudsburg	Monroe					.13			.28		.07			T	.65								.01					1.09	.72		.18		3.13
Tanners Falls‡	Wayne			.13					.20		.23			.31	.04		.08											1.91					2.90
LEHIGH																																	
Allentown[2]	Lehigh					.22				.24	1.33				1.20			T.										.03	1.72	T.	.06		4.80
Bethlehem‡	Northampton			.02	.33				.11		1.01			.22	.71													1.59	.03		.15		4.17
Blakeslee Corners‡	Monroe				.09				.22		.09			.72	1.12							.01						1.21	.03				3.49
Gouldsboro[2]	Wayne				.10		.10			.36	.18				.74			.05											1.28	.04			2.85
Lansford[2]	Carbon				T.	.39				.09	.11				1.15								.06					.11	1.05				2.96
Mauch Chunk	Carbon					.14				.20	.12				.96								.02					.66	.74		T.		2.84
New Tripoli	Lehigh				T.	.22				.13	.40			.06	1.05			T.										1.36	.10		T.		3.32
Palmerton‡	Carbon			.01	.26	.01			.34		.08			.21	.60							T.						1.62	T.		T.		3.12
Zionsville	Lehigh					.14			T.		.18			.03	1.02													.90	.36				2.63
SCHUYLKILL																																	
Conshohocken	Montgomery				.06							.02	.17	.03														.23		.27		0.78
Fredericksville[2]	Berks					.28				T.	.07				.69								T.					.05	.72		.07		1.88
Freeland[2]	Luzerne					.14									1.47								T.	T.	T.			.08	1.05				2.74
Gratersford[2]	Montgomery					.19					.08				1.12														.63		.04		2.06
Phoenixville[2]	Chester					.46					.04				.16							T.						.06	.30		.05		1.07
Port Clinton[2]	Schuylkill					.15					.21				1.15													.23	.70				2.44
Pottstown[2]	Montgomery				.01	.24					.20				.33													.18	.41		.17		1.54
Pottsville[2]	Schuylkill					.08				.02	.25		.17		1.10								T.			T		.53	.97				3.12
Reading‡[4]	Berks			T	.34						.20			.25	.07		T.					T.						.79	.01	T.	.01		1.67
Wernersville	Berks				.08	.16					.23			.08	.36													.92	.04	T.			1.87
LOWER DELAWARE																																	
Coatesville[6]	Chester					.12					.21				.70								.03					.10	.01	.08			1.25
Doylestown	Bucks					.25			.08		.06			.01	.99													.63	.43		.02		2.47
George School	Bucks					.28			.03	.02	.19			.03	.49													.71	.07				1.82
Marcus Hook[2]	Delaware				.05						T				.30								.01						.13		.20		0.69
Philadelphia																																	
Airport Station‡[1]	Philadelphia				.08	T.			T.	T.	.08			.16	T.		T.	T.				.01						.16	T.	.14	.02		0.65
City Office‡[1]	Philadelphia				.24	T.					T.			.08														.22		.08			0.62
Franklin Inst.[2]	Philadelphia					.21					.01	.01			.23								.01						.24		.12		0.83
Shawmont	Philadelphia					.25					.03			.11	.17													.16	.10		.46		1.28
Quakertown	Bucks				.01	.39			.16		.39			.04	.57								T.					1.18	.43		.06		3.23
West Chester	Chester					.24					.15				.16								.03					.10	.02		.21		0.91
West Grove[2]	Chester					.09					.03				.24								T.						.03		.04		0.43
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg‡	Tioga										.46			.90			.18	.14										.52					§
Centerville[2]	Bradford				.19	.36			.03	.09	.24				.41			.22											1.09					2.63
Covington[2]	Tioga				.15						.81				.51			.22	.02	T.						T.								2.54
Lawrenceville	Tioga			*	.28									*	1.55		T.	.60										T.	1.03					3.69
NORTH BRANCH																												1.26					
Canton[2]	Bradford				.62						.98		.03		.57			.18	.02										1.32					3.72
Danville[2]	Montour	.01			.04	.03				.68	.19				1.50				.03									.07	.80					3.44
Kellogg Mt Tower[2]	Bradford				.29	T.					.39		.04		.50			.34	.02							T.			1.15					2.73
Millville‡	Columbia			.13	.08						.26			1.05	.84		.04											.80					3.20
Montrose[2]	Susquehanna				.02	.33			.01		.21				.96			.26	.01										1.63	T.				3.43
Orwell[2]	Bradford	.06			.38	.67			.10	T.	.21				.18			.08	.02										1.40					3.10
Park Place[1, 5]	Schuylkill			T.	.24				.13		.45	.02		1.04								.02						.79	.06	T.			2.75
Pikes Creek‡	Luzerne				.09				.12	.08				.58			.12					.05						1.49	.05				2.58
Rush[2]	Susquehanna	.01			.19	.05					.23				.71			.22					T.		T.				1.61	.01				3.03
Scranton‡[1]	Lackawanna			.01	.01				.51		.20			.56	.14										T			1.32	.08				2.83
Susquehanna[2]	Susquehanna				.09	.20					.12				.13			.32											1.70					2.56
Towanda	Bradford			.16	.27	T.			T.		.30			.25	.11			.07							T.			1.13	.04				2.27
Tunkhannock‡	Wyoming			.03	.09				.05		.29			.31	.02										.14			1.28	.01				2.22
Wilkes-Barre[5]	Luzerne	T.		T.	.04				.95		.11			.81	.04		.06	.06				T.			T.			1.18	T.				3.25
WEST BRANCH																																	
Ansonia[2]	Tioga				.49	.04					1.03				1.29			.21	.09									.41	.46					4.02
Bald Eagle‡	Blair			.29	1.37						.06			.20											.09			.83					2.84
Carter Camp‡	Potter	*	.81	1.12	.11		*	*	*		.84			1.08			.20											1.26					5.42
Cedar Run[2]	Lycoming				.58						.68				1.08			.14											.98					3.46
Clearfield[2]	Clearfield				.18	.08					.14			.17	.80			.04							.01	.28		.27	.20					2.17
Coalport[2]	Clearfield				.41	1.31			T.		.04			.28	.14				T.				T.		.09	.25		.10	.35					2.97
Curwensville[1, 5]	Clearfield			.19	.06					.07	.10		.40	.82			.26	.02	.01					.36		.02		.40				T.		2.71
Driftwood‡	Cameron			.72	.03						.19			1.55	.01		.58											.50						3.58
Du Bois, 7 miles E	Clearfield			.13	.18						.14			.96	.33			.16										.44						2.80
Dushore‡	Sullivan			.14	.27				.38		.46	.18		.25	.17		.10	.02								*	*	*	*	*	1.15	.02		3.14
Eagles Mere[2]	Sullivan				.54	.04				T.	.23		.06		.83			.07	.10				T.						1.55	T				3.42
Emporium[2]	Cameron	.02			.37	.07				.04	.15			.02	1.05			.24	T.				T.	T.	T.	T.		.34	.54					2.84
English Center‡	Lycoming			.80	.02						.07																	.41						§
Galeton	Potter			.17	.43			T.			1.23			.58	.98		.14	.10					T	T.			1.07	.02					4.72
Karthaus[2]	Clearfield				.57	.02					.58				.85													.25	.34					2.61
Lock Haven[2]	Clinton	.02			.20	.02					.22				2.15										T.			.37	.72					3.70
Medix Run‡	Elk			1.93	.10					.09	.01		.06	3.56			.18											.20						6.13
Philipsburg[1, 5, 7 mi. E]	Centre			.75	.53			T.	T.		.54		.03	.18			.01	T.				T		.26		T.		.32						2.62
Renovo[2]	Clinton	.07	.02		.54	.03					.10				1.98			.12	.02					.01				.08	.82					3.74
Shaffers Path[2]	Lycoming	.19	.02		.60	.13					.05				1.95			.40	.04						T.	.01		.15	1.04					4.58

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Daily Precipitation for August, 1943—Continued from page 56

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Susquehanna Basin (continued)																																	
WEST BRANCH (continued)																																	
State College‡	Centre			.26	1.12			T.	T.	T.	.05		.03	.55			T.					T.			.25			.82					3.08
Tamarack Tower[2]	Clinton		T		.70	.01					.09			T.	2.47			.22	.02					.01	T.	.03		.09	.77				4.41
Wellsboro[2]	Tioga				.23	.02					.97				.91			.09											1.00				3.26
Williamsport[2]	Lycoming	.29			.56	.05					.06				1.51			.18	.04							.01							3.70
JUNIATA																																	
Altoona	Blair			T.	.54	.48					.09			.17				.05							.19			.41					1.88
Bedford[2]	Bedford				.75	.09								.17															.20				1.29
Breezewood Intch[3]	Bedford			.05	.03									.10			.04		.09						.02		.31	.18					0.73
Buffalo Mills[2]	Bedford				.22									.17								T.						.39	.23				1.10
Burnt Cabins[3]	Huntingdon	.04		.34	.16						.09			.41								.09			.05		.14	.38					2.07
Charter Oak‡	Huntingdon			1.40	1.41						.03			T	.16			T.							.08			.53					3 92
East Waterford[2]	Perry				.07	1.91				.04	.05			.02	.53			T.					T.			.02		.24	.20				3.08
Everett[2]	Bedford				.22									.13				.05										.04	.11				0.55
Huntingdon[2]	Huntingdon		.18		.46	.26					.04			.06	.12			T.							T.	.08		.41	.24				1.85
Lewistown[2]	Mifflin					.02	.60					T.			.02	.39										.08		.53	.28				1.92
Loop Mt. Tower[2]	Huntingdon		.05		.76	.36					.05			.16	.11										.01	.15		.23	.26				2.14
Mapleton Depot[2]	Huntingdon		.27		.03	1.13					.03			T	.16			T.								.10		.10	.35				2.17
Martinsburg[5]	Blair	T.		.84	.21								.03	.12			T.								.12		.17	.85				2.34
Newport[2]	Perry				.02	.43				.06	.08				.05								.08			.08		.37	.59				1.76
Saxton[2]	Bedford	.74	T.		.51	.16								T.	T.			.01				.08				.05		.21	.49				2.17
Shade Gap‡	Huntingdon	.39			.43	.36					.08	*	*	*	*	.21									13		.05	.43					2.16
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams				.13	.03			T.		.02				.70			T								T.		.20	.13				1.21
Bloserville	Cumberland			T.	.23	3.48				T.	.02			T.	.38		T.						T.			.14		.31					4.56
Blue Mt. Intchg...[3]	Franklin			.09	.67						.12		T.	.57			T.					19			.11			.39					2.14
Carlisle[6]	Cumberland			.03	.15	2.32				.02	.13			.05								.07			T.		T.	.45		T.			3.22
Columbia[6]	Lancaster				.05	.42					.17			.70			T.									.07		.20		.02			1.63
Ephrata	Lancaster				.11	.08					.04			.51	.36													.18					1.28
Glen Rock‡	York				.19						.04			1.02			.03										.04	.34					1.66
Gordon	Schuylkill				.01	.22			.52		.15		.08		1.45								.01					.95	.10				3.49
Hanover[2]	York			T.	.18						.07				1.35		T.									T.		.41	.03				2.04
Harrisburg Arpt‡[1]	York			T.	.79	.01		T.			.08			.23	.04		T.					.01			.03			.49	T.				1.68
Holtwood[2]	Lancaster					.64					.03				.66											.01		.10	.01		.01		1.46
Huntsdale[2]	Cumberland				T.	1.77					.16				.17			T.					T.			.03		.19	.28				2.60
Kirkwood‡	Lancaster				.38									.50														T.					§
Lancaster	Lancaster	T.				.15			T.						.92													.30	.01				1.38
Lebanon[2]	Lebanon	.09			T.	.33			T.		.11			.13	.92			T.										.31	.33				2.22
Manada Gap[6]	Dauphin			.01	.06	.32				.24	.05			.43								T.	.16		.02			.66					1.95
Middletown[3]	Dauphin			.02	.56						.09			1.13	.02		T.					.01			.01			.60	T.				2.44
Millersburg‡	Dauphin				.27						.04	*	*	.10								.07						1 21					1.69
New Park	York				.58										.70													.24		06			1.58
Penn Nursery[2]	Centre		.05		.46	.65					.18				.42											.04		.26	.46				2.52
Peters Mt. Tower[2]	Dauphin				T.	.53			T.	.03	.09				.36		T.									T.		.06	.61				1.74
Pine Grove[2]	Schuylkill					.20			.02	.05	.03			.02	.40											T.		.44	*	.65			1.81
Ringtown[2]	Schuylkill					.34				.08	.16				1.34				.01									.16	.92				3.03
Selinsgrove	Snyder	.20		.02	.10	.25			.02		.20				.54													1.08					2.40
Shippensburg	Cumberland			.02	.24	.24								T.	.22		T.					T.				T.		.25	.76				0.87
Sunbury[2]	N'umberland	.83			.10	.41			T.	.59	.16				.75								T.					.86					3.85
Woodward‡,[5]	Centre	T.		.56	.31			T.	T.		.36			.84	T.		T.								T.			.47					2.93
York	York				.09	1.18					.04				1.26																			3.04
York Haven[2]	York					.89					.19				1 36													.03	.20				2.67
Potomac Basin																																	
Chambersburg[2]	Franklin		.16		.02	T.					.04				1.24			T.								T.		.05	.13				1.64
Gettysburg	Adams				.02						.03				1.12		T.									T.		.42					1.59
Hewitt‡, 2 miles S.	Bedford												.09	.30			.14										.15	.13					0.81
Hyndman[2]	Bedford				.22	.13					.10			.27				.11								T.		.33	.08				1.14
McConnellsburg[2]	Fulton				.44						T.			T.	.29			T.					T.			.09		T.	.09				0.91
Mercersburg	Franklin				.26						.13															T.		*	.20				§
South Mt. San't'm[2]	Franklin				.03	.03					.03				1.64			.02					.05			T.		.19	.06				2.05
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.68			.57	.24					T.			3.27	.02			.07							.06			.01	.30				5.22
Allens Mills‡	Jefferson			.91	.15					.06	.22			.98			.07								.94		.03	.51			.02		3.89
Blairsville[2]	Indiana				.37	.40					.01			.18	.03			.02							.02	.60		.48	1.08				3.19
Boswell‡,**, 6 miles W.	W'moreland			.27	.79				.08		.10			.37			.10										.41	.62					2 74
Bradford	McKean				.35	06				.15	2.53			.91	.10			.11	.06						.07			.32					4.66
Brookville[5]	Jefferson			.48	.08						.11		T.	.69			.02	T.	.04						.70			.40					2.52
Buckstown‡	Somerset			.14	.08						.10		.06	.20			.04										.04	.15					0.81
Cherry Grove‡	Warren			.23	.20					.09	.03		.19	.93				.10						.16				.87					2.80
Clarion[2]	Clarion	.03			.31	.14					.15			.03	1.19			.11	.03						.68	.05		.17	.17				3.06
Corry[6]	Potter			.02	.26					T.	.22			.64	T.		.15	.01	.11					.45	.25			.38			.01		2.50
Coudersport[6]	Erie		T.	.78						.03	1.98			.34	.88		.02	.65	.04								.94					5.66
Derry	W'moreland	T.		T.	1.33	.05				.06	T.			.49			.05								.40			.84					3.22
Dunlo‡	Cambria			.60	.62								.01	.25			.02								.03			.50					2.08
Ebensburg[2]	Cambria	.01			.57	.46					.06		T.	.06	.07										.01	.27		.32	.79				2 62
Ford City[2],§§	Armstrong				.33	.93					.02			.06	T.			.09	.02						.15			.08	.66				2.34
Franklin[2]	Venango	.06			.68	.10					.02			.16	1.20			T.	.03						.97			1.69	.03				4.94
Glen Hazel[2], 1 mile NE	Elk		T.		.22	.12	T.		.01	T.	.15		T.	.05	1.51			.02	.03					.03	.28			.44					3.17
Home‡	Indiana			.47	.99						.10			.12											.44			.91					2.43
Indiana	Indiana			.01	1.30					T.	.05			.92	T.		T.	.03							.04		.14	.52					3.66
Johnstown[6]	Cambria				.75	.15								.10			.04								.01			.47	T.				1.74
Kane‡	McKean		T.	T.	.40	.04					.08			.03	1.76			.04	.01				T.		.03			.48					2.88
Laurel Hill Tunnel[3]	W'moreland			.25	.46						.54		1.66	1.85			.10	T.							.03	T.	.27	.70					5.37
Lyc.ppus	W'moreland	.30			1.94	T.				T.	.03			3.10	T.		.10								.03			.64					6.37
Marienville‡	Forest			.33	.27					.04				1.85				.13	.04						.04			.81	.21				3.34
Meadville[2]	Crawford	T			.04	.20				.22	.07				.50		T.	.03	.10						.14			.13	.19				1.64
Mosgrove[2]	Armstrong				.54	.54					T.				.09			.02	.02						.20	T.		.04	.34				1.73
Parkers Landing[2]	Armstrong		.10		.84	.08								.09	.13			.07	.03						.41			.05	.28				2.08
Pittsburgh Cty Off‡[1]	Allegheny			.47	.65									.77			.06								.06	T.		.18					2.15

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Daily Precipitation for August, 1943—Continued from Page 57

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Port Allegany[2]	McKean	T.			.19	.11			T.		2.03			T.	1.82			.91	.02								.15	.31				5.04
Punxsutawney[2]	Jefferson				1.09	.43					.02			.08	.72				.03					.23	.05		.15	.22				3.02
Putneyville[2] ‖‖	Armstrong	T.			.58										.13									*	.38		.04	.10				1.23
Ridgway[2]	Elk				.44	.08					.08				1.87			.07	.02				.01					.14	.14				2.85
Saltsburg[2]	Indiana		.19		.50	.94								.83	.01		T.	.14					T.		.04	T.		.12	.41				3.21
Seward[2]	Indiana				.53	.15					.03			.27	.02												.03		.38	1.07				2.48
Smethport‡	McKean			.14	.17					.01	2.00			.87			.50											.63					4.32
Strongstown‡	Indiana			.43	.38	.11					.04			.33			.02	.03						.32			1.24					2.90
Tionesta Dam‡	Forest			.30	.35					.03			.48	.95				.02	.05				.38	.07			.58				.35	3.56
Titusville‡	Crawford			.60	.19									.97			.06	.03	.02				.47	.03			.58					2.95
Union City‡	Erie			.12	.20					.10	.27			.55			.13	.32	.03				1.00	.01			.29				.72	3.74
Vandergrift[3]	Westmoreland			.07	.42								.10	.74			.04							.10			.50					1.97
Warren[2]	Warren				T.	.10	T.				.10	T.		.41	3.35			T.	.50					.10			.48	T.				5.04
Youngsville‡	Warren				.19					.04	.03			2.55				.02							.25			.34					3.42
MONONGAHELA																																	
Confluence[2]	Somerset				1.31	.31					.12			1.55	.02			.15						.08	T.		.06	.13				3.73
Connellsville[2]	Fayette				.68	.14								1.34	T.			.53						.10			.19	.53				3.51
Donora[3]	Washington			.19	.99									1.54			29							.14			.18					3.33
Greensboro[2]	Greene		T.		.80	1.00					.01			.15	.10	.02		.20						.06			2.17	.08				4.59
Greensburg	Westmoreland	.07		T.	1.05	.05					T.			3.90			.07							.06		.58	.75					6.53
Irwin	Westmoreland			T.	.81	.15					T.			2.04			.06							.11		.18	.31					3.66
Meyersdale[2]	Somerset				.40	.20					.04			.86	.14			.11									1.03	.35				3.13
Murrysville‡	Westmoreland			.44	.67									.77			.04							.05			.23					2.20
Newell[4]	Fayette			.70	.48	.01					.05		.01	.57			.14	.13						.18			.30					2.57
Pittsburgh Arpt.‡[1]	Allegheny			.11	.80								T.	.34	T.		.07	T.					.01	.10		.05	.41					1.89
Rices Landing[2]	Greene				1.28	.42					.13			.20	.11		T.	.16							.01			.27	.08				2.66
Somerset	Somerset	.04		.09	.21	.01					.02			1.13			.10							T		.37	.15	.02				2.14
Springs[6]	Somerset			.19	.60	.02					.10			.94	.04		.23							.02		.10	.15	T.				2.39
Uniontown	Fayette			.26	.70	.74					.06			.61			.17							.07		.21	.08					2.90
Waynesburg	Greene				1.65	.70								.11	.58		.19										.36					3.59
BEAVER																																	
Beaver Falls[2]	Beaver				.10	.17								.44	T.			T.							.26			T.	.22				1.19
Butler	Butler				.65	.27					T.			T.	.08		T.	.02	.02						.29			.55					1.88
Greenville	Mercer			.02	.34						T.			.47	.15		T.	T.	.03					.05	.50	T.	T.	.88					2.44
Mercer[5]	Mercer			.75	.84				T.				T.	1.50			T.	T.	T.					.39	.74		T.	.40					4.62
New Castle	Lawrence			T.	.12									T.	.08	.01		T.						.91				.22					1.34
Penn Line[2]	Crawford	.14			.55	.02				T.	.03				.44		T.	.03	.19						.14			.45					1.99
Pymatuning Dam[2]	Crawford				.35	.01						.01			1.33		.01	.02	.22	.06	T.				.76	.03		.30	.03		.01	T.	3.14
Sharon[2]	Mercer				1.02	T.									1.64			.50							.57			.22	.04				3.99
OHIO																																	
Claysville[2]	Washington	.16			1.15	1.14									1.14			.38										.58					4.55
Coraopolis[2]	Allegheny			.12	.32	.32								.27	.03			.10							.07			.01	.35				1.59
Midland[2]	Beaver				.61	.24				.01				1.53	.11			.02							.19			.22	.14				3.07
Mt. Lebanon[6]	Allegheny			.26	.92	.04								.35			.18					T.			.13		T.	.40					2.28
Washington‡	Washington			.89	.68						.03		.07	.27			.27								.03		.43	.20					2.87
LAKE DRAINAGE																																	
Erie‡[1]	Erie			.34	.12					.02	.01			.32			.03	T.	.01					.36	.06			.18				.04	1.49
Raymond‡	Potter			.54							1.58			1.51	.04		.36										1.00					5.03

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. [6] Observation taken at a fixed hour between sunset and 11:00 p. m. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated. ** Boswell was formerly Laurel Hill Summit. §§ Ford City was formerly Crooked Creek Dam. ‖‖ Putneyville was formerly Mahoning Dam.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum* velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.16	6	29.56	16	7.0	20	w.	16	80	....	76	44	9
Harrisburg	30.11	20	29.60	16	6.5	29	sw.	4	79	46	61	72	0
Philadelphia	30.11	21	29.59	16	7.2	22	n.	10	77	45	59	64	0
Philipsburg	30.15	31	29.63	16	6.8	30[a]	sw.	3	92	60	80	....	97
Pittsburgh	30.17	19	29.61	16	8.1	24	nw.	14	84	52	61	58	9
Reading	30.11	21	29.58	16	8.7	30	sw.	13	77	44	44‡	75	0
Scranton	30.13	20	29.54	16	5.7	20	nw.	18	83	56†	....	72	11

* For any five-minute period. ** Corrected to true velocities.
† Local noon § Also other dates. ‡ 4:00 p. m. [a] One-minute interval

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	1.8	2.3	14	1.1	23	18
Easton	Delaware	0.8	1.4	5†	0.0	29	22
Lehighton	Lehigh	2.5	3.0	14	2.4	23	9
Reading	Schuylkill	2.7	2.9	5	2.3	21	13
Wilkes-Barre	N. Br. Susquehanna	2.2	3.0	3	1.8	27	22
Williamsport	W. Br. Susquehanna	0.4	1.3	16	0.0	27	20
Newport	Juniata	3.3	4.0	6	3.1	24	22
Harrisburg	Susquehanna	3.2	3.4	6	3.1	29†	17
Schenley, (nr) Lock No. 5	Allegheny	12.2	13.0	16	11.8	11	24
Sutersville	Youghiogheny	3.6	7.2	14	3.0	27	0
Charleroi (nr.), Lock No. 4	Monongahela	12.7	16.3	1	11.2	24	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † On other days also.

Daily Temperatures for August, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	92	95	94	86	82	85	86	90	89	92	90	93	86	92	84	82	80	77	79	82	82	86	92	88	91	88	69	73	75	83	88	85.5
	Minimum	63	62	65	72	71	57	54	57	62	64	63	64	67	71	61	58	60	56	49	49	52	59	59	60	64	64	61	57	53	56	59	60.3
Altoona	Maximum	87	90	88	81	77	80	83	85	84	88	84	92	90	88	83	77	74	73	75	77	76	86	88	87	89	82	76	72	67	81	87	82.2
	Minimum	61	59	63	66	65	53	52	56	55	66	57	56	66	69	56	55	54	55	46	44	51	57	58	65	57	63	57	53	46	54	55	57.1
Arendtsville	Maximum	92	97	97	86	86	87	90	95	93	96	94	99	95	96	88	80	80	79	82	86	85	91	94	93	98	88	71	74	70	85	92	88.4
	Minimum	63	60	63	69	70	57	57	60	65	69	65	60	69	71	58	57	58	54	53	53	58	55	60	63	67	67	61	59	53	56	55	60.8
Bethlehem[3]	Maximum	89	93	93	84	80	83	86	88	92	91	91	93	85	92	84	84	78	80	79	83	81	88	95	88	92	87	68	70	72	83	86	85.1
	Minimum	62	64	72	72	63	60	56	66	62	67	65	65	70	71	65	62	64	58	55	52	59	62	62	67	67	68	55	55	53	62	62	62.7
Blue Mt. Interchange[3]	Maximum	92	92	94	94	92	84	88	90	94	94	94	98	95	95	84	78	76	72	78	82	84	88	92	92	96	90	84	84	72	82	92	87.8
	Minimum	66	64	70	70	66	60	54	60	62	70	62	62	70	72	60	60	58	62	58	54	60	62	64	64	64	68	62	56	52	56	57	62.1
Bradford	Maximum	85	85	83	78	74	76	76	82	82	82	84	87	83	81	78	74	70	67	71	74	75	80	84	82	82	81	71	70	75	76	82	78.4
	Minimum	53	54	64	62	56	48	45	56	49	66	60	52	63	68	54	51	56	50	41	39	47	42	48	64	48	54	51	44	39	42	47	52.0
Breezewood Intchg[3]	Maximum	90	94	94	84	84	82	86	92	94	92	92	98	92	90	84	74	74	76	80	84	84	88	94	92	98	88	80	74	70	84	92	86.5
	Minimum	60	60	62	70	62	52	52	54	58	68	54	56	68	72	56	56	52	50	44	46	58	54	56	64	60	66	60	56	48	54	50	57.4
Brookville[5]	Maximum	85	87	84	75	76	79	81	83	85	82	86	91	84	84	77	72	65	69	76	77	78	82	88	83	85	76	68	72	74	78	84	79.5
	Minimum	56	56	62	68	53	50	47	54	52	56	52	54	68	57	52	51	54	47	43	41	49	50	52	58	55	59	56	46	44	50	48	52.9
Burnt Cabins[3]	Maximum	92	93	92	85	82	84	....	91	92	92	92	96	96	93	84	76	74	76	78	83	84	86	93	90	90	90	78	72	70	82	89	85.8[a]
	Minimum	58	58	64	67	61	53	50	....	54	66	63	54	69	70	54	53	58	50	42	43	56	50	54	62	63	63	59	52	44	55	48	56.4[a]
Butler	Maximum	90	90	88	81	80	80	81	87	87	90	88	92	90	88	84	80	75	71	76	77	78	81	88	88	88	90	81	74	76	82	85	83.4
	Minimum	55	55	66	69	63	60	47	55	53	72	52	55	72	70	52	54	57	52	45	42	41	48	49	67	55	73	62	44	48	45	50	55.7
Carlisle[6]	Maximum	89	93	93	84	82	83	84	88	88	91	89	95	91	93	88	89	78	78	80	80	84	87	90	88	91	86	77	73	73	82	87	85.6
	Minimum	65	61	64	69	69	58	55	59	63	68	59	59	70	70	66	56	60	54	48	50	52	55	57	64	63	67	59	58	52	54	53	59.8
Chambersburg[6]	Maximum	94	97	98	88	88	88	92	96	92	98	96	99	96	96	89	81	80	80	82	85	87	91	95	92	97	88	73	75	73	89	92	89.3
	Minimum	63	62	64	71	72	57	54	58	58	70	59	60	73	72	59	58	54	47	49	60	55	58	65	64	67	61	57	50	55	58	65	60.1
Clarion[6]	Maximum	89	91	85	80	78	80	84	86	88	82	90	94	85	85	79	77	69	72	76	79	80	82	88	85	86	76	72	76	79	81	87	82.0
	Minimum	57	60	64	67	64	51	48	54	55	68	55	56	69	69	53	54	53	54	44	44	44	46	49	56	47	61	59	47	46	50	51	54.7
Claysville[2]	Maximum	87	87	84	81	76	79	82	85	86	85	88	88	83	86	79	74	64	72	74	80	78	84	86	86	86	80	77	74	78	79	85	81.1
	Minimum	57	59	61	68	66	51	51	52	57	68	50	52	61	63	53	57	52	51	42	43	45	53	57	58	56	57	66	45	49	49	49	54.7
Coatesville[6]	Maximum	92	95	94	91	84	86	86	92	90	95	92	94	90	95	86	87	84	79	80	84	86	88	93	92	92	91	75	73	76	84	90	87.6
	Minimum	74	66	72	72	73	65	67	64	67	70	68	66	71	75	68	59	64	57	56	53	59	70	60	67	68	74	63	58	61	58	63	65.4
Columbia[6]	Maximum	94	96	96	90	85	88	89	94	92	95	95	98	95	96	89	85	84	83	83	85	85	90	94	92	93	92	80	76	75	85	91	89.2
	Minimum	62	63	65	73	71	58	55	58	58	72	68	60	72	72	58	57	59	55	51	50	59	57	58	63	63	65	61	58	56	55	55	60.9
Corry[6]	Maximum	85	87	82	77	75	79	78	82	85	77	86	88	83	80	75	76	66	70	73	77	78	84	85	81	83	81	75	66	72	78	77	78.8
	Minimum	56	59	69	67	60	51	47	58	56	69	59	56	69	63	53	57	56	53	43	43	53	49	54	65	53	60	57	45	44	47	53	55.6
Coudersport[6]	Maximum	90	91	90	86	84	87	80	86	82	83	83	85	80	87	80	75	70	72	75	79	79	85	87	84	89	79	63	77	77	80	85	81.6
	Minimum	58	60	64	60	52	46	37	45	49	64	57	55	65	65	51	50	50	52	43	40	48	50	52	62	52	58	52	49	41	47	50	52.4
Curwensville[5]	Maximum	83	85	79	72	72	76	76	81	80	80	82	86	80	80	73	69	63	68	71	72	73	78	82	80	81	78	65	69	67	76	80	75.9
	Minimum	57	60	65	66	55	53	49	56	57	57	56	61	65	56	53	54	52	48	45	49	52	54	58	60	57	56	53	48	49	51	54	55.0
Derry	Maximum	88	91	87	81	78	81	82	86	90	87	87	93	87	88	81	71	69	74	76	82	80	83	88	86	88	87	74	74	78	81	82	82.6
	Minimum	58	64	69	70	67	54	52	54	57	73	54	59	69	63	57	60	58	56	44	44	56	54	56	68	67	61	68	54	60	54	56	59.2
Donora[3]	Maximum	92	92	84	83	80	84	88	91	92	92	90	94	88	94	85	76	70	76	78	84	88	91	90	92	86	80	78	84	85	88	88	84.9
	Minimum	67	66	70	70	69	59	58	58	66	75	58	64	72	70	60	64	60	55	50	50	48	58	63	71	63	64	74	55	57	58	58	62.3
Eagles Mere[2]	Maximum	83	83	82	78	71	74	80	79	79	81	81	84	78	85	77	75	62	67	72	75	74	81	85	81	89	75	60	67	65	76	80	76.7
	Minimum	57	61	64	65	56	54	51	51	58	58	60	60	64	65	55	53	52	50	48	48	51	57	56	61	59	59	53	51	48	53	54	55.9
Ebensburg[2]	Maximum	83	87	84	77	70	74	77	80	86	81	85	89	85	83	75	72	62	67	70	75	74	81	87	83	85	77	71	69	68	75	83	77.9
	Minimum	55	56	57	62	63	54	50	51	53	54	52	52	61	66	54	55	54	52	38	39	41	51	54	53	58	60	56	50	47	53	51	53.3
Emporium	Maximum	90	91	85	79	75	82	82	85	83	86	90	93	88	88	80	77	70	74	76	79	77	85	88	87	90	82	70	74	75	81	86	82.2
	Minimum	56	60	60	63	61	51	50	56	52	66	57	57	63	65	53	51	52	47	45	43	48	53	56	66	66	56	56	54	46	45	50	53	54.5
Ephrata	Maximum	96	96	96	89	86	89	90	94	95	96	96	97	92	96	92	83	80	82	83	85	85	90	95	90	96	91	80	76	76	86	92	89.4
	Minimum	64	62	69	73	71	57	56	60	64	72	63	62	71	72	60	57	61	55	50	51	58	56	66	66	68	62	59	59	60	58	55	61.8
Erie[3]	Maximum	84	90	82	80	73	74	76	80	87	79	83	89	85	77	75	77	66	70	73	77	77	82	89	79	79	73	65	69	75	77	86	78.3
	Minimum	68	72	71	64	62	64	60	69	68	68	65	69	73	71	66	66	60	59	57	57	63	64	69	68	64	64	58	54	57	59	68	61.4
Everett[3]	Maximum	91	95	93	85	84	84	87	92	96	94	93	100	94	93	85	73	71	77	79	84	86	90	94	91	96	88	79	74	70	84	92	86.9
	Minimum	60	58	60	69	51	54	51	52	56	62	56	52	68	62	55	55	56	58	42	44	56	51	54	62	60	54	60	49	46	52	48	55.3
Ford City[6]	Maximum	89	90	81	80	76	80	83	86	88	86	88	92	85	89	80	73	71	74	77	78	80	85	87	86	88	84	76	75	78	81	86	82.3
	Minimum	56	57	64	67	68	70	70	72	56	70	54	55	69	70	60	62	53	51	44	44	50	67	74	76	75	73	62	64	67	45	51	61.8
Franklin[2]	Maximum	86	89	83	80	79	79	81	86	85	81	87	90	83	85	77	74	66	72	76	78	77	85	86	84	85	77	71	75	79	80	85	80.7
	Minimum	56	61	61	70	64	54	50	51	57	62	56	57	58	71	57	56	57	56	45	45	46	52	53	57	58	58	60	48	49	54	54	55.9
Fredericksville[6]	Maximum	90	90	90	85	80	83	84	88	89	90	88	91	85	90	81	78	79	76	72	80	72	82	90	88	90	85	74	70	73	80	86	83.2
	Minimum	57	57	67	71	68	53	52	56	60	63	60	58	69	68	53	52	56	49	47	48	52	52	54	59	63	60	58	55	50	60	54	57.5
Freeland	Maximum	84	87	90	80	74	79	79	82	83	86	83	88	84	84	81	75	73	71	75	77	77	81	86	82	83	80	73	67	69	79	81	79.8
	Minimum	63	68	66	68	59	55	51	62	58	65	61	66	67	66	58	57	56	51	50	51	57	58	64	66	60	63	53	52	52	58	58	59.3
George School[6]	Maximum	92	93	93	88	84	85	85	91	89	91	89	93	83	91	85	86	85	80	81	84	83	88	93	91	92	90	75	72	76	82	88	86.4
	Minimum	64	63	71	72	72	58	58	62	65	65	69	64	70	73	60	58	66	55	51	50	56	59	67	61	68	66	62	57	53	63	60	62.5
Gettysburg	Maximum	91	97	95	91	87	88	91	95	93	98	93	98	95	96	91	86	79	79	80	82	84	87	91	92	94	94	84	72	71	83	90	88.6
	Minimum	66	63	69	73	74	61	59	61	65	71	65	62	75	73	63	60	62	56	52	54	62	60	60	69	69	70	62	60	54	57	56	63.3
Gordon	Maximum	89	91	89	81	76	82	83	85	86	88	87	92	87	88	85	80	77	75	76	79	82	84	88	85	88	82	76	71	71	88	85	83.1
	Minimum	57	57	61	69	66	51	49	53	54	65	56	57	74	68	54	51	54	49	44	43	49	54	52	60	58	57	57	54	47	56	49	55.6
Greensburg	Maximum	88	89	84	83	79	80	82	85	88	87	90	91	85	88	85	71	72	73	75	79	78	83	87	85	88	85	78	74	78	80	86	82.4
	Minimum	56	55	60	68	67	52	50	50	56	62	66	68	60	58	57	58	50	54	38	40	52	48	51	60	57	62	65	50	46	51	46	55.3
Hanover[2]	Maximum	92	95	95	86	87	86	89	94	93	95	92	95	95	95	91	81	79	77	80	83	85	87	92	89	92	89	71	73	71	82	89	87.1
	Minimum	68	67	70	74	74	61	59	61	66	69	68	67	71	73	64	63	63	56	54	55	57	64	65	67	68	70	64	60	56	59	60	64.3
Harrisburg[3]	Maximum	92	95	96	84	81	85	86	91	92	93	91	97	94	93	85	82	77	77	77	83	87	88	95	89	92	86	74	73	74	84	90	86.5
	Minimum	66	65	71	72	65	62	59	63	66	72	66	64	72	74	65	60	63	60	55	54	63	60	62	70	67	71	61	59	58	55	58	62.8
Hawley[6]	Maximum	91	93	92	85	76	83	85	89	90	89	89	90	88	92	81	78	77	78	78	84	83	85	93	88	91	85	70	72	69	82	86	84.3
	Minimum	55	57	65	67	62	48	44	53	51	64	61	55	65	67	53	50	55	51	42	41	46	57	50	58	58	58	49	54	47	52	50	54.4
Holtwood[3]	Maximum	90	93	93	91	82	84	86	93	93	91	95	95	91	94	85	85	79	79	80	84	81	84	90	90	90	86	73	73	75	82	90	86.4
	Minimum	70	69	72	76	68	64	63	66	70	76	76	84	68	75	77	68	64	66	61	63	60	64	64	66	69	72	72	67	64	61	64	68.0
Huntingdon	Maximum	87	93	92	83	82	83	85	89	87	91	90	98	91	93	85	81	76	77	79	83	84	89	94	90	92	86	78	76	74	84	90	85.9
	Minimum	61	65	62	69	70	55	52	56	54	68	56	59	66	68	53	52	54	53	46	46	52	56	57	57	62	61	60	58	49	54	50	57.5
Indiana	Maximum	87	89	89	84	74	76	80	85	88	87	86	91	91	86	85	76	69	72	75	77	76	82	87	85	85	84	79	73	75	80	85	81.9
	Minimum	58	61	63	70	62	52	50	53	57	68	53	60	66	65	52	55	55	53	42	45	54	53	58	64	56	64	59	50	51	52	51	56.5
Irwin	Maximum	87	90	89	85	80	83	85	87	90	88	90	91	89	90	85	81	72	73	76	81	83	85	87	87	89	86	76	78	80	81	85	84.2
	Minimum	57	58	64	68	63	51	50	53	59	69	51	57	66	65	53	57	55	51	41	42	53	51	55	64	56	64	67	47	54	53	52	56.3
Johnstown[6]	Maximum	86	90	85	80	78	77	80	84	89	84	88	93	90	86	78	76	70	71	74	80	76	84	90	86	88	81	73	73	77	78	86	81.6
	Minimum	58	59	53	57	55	49	47	48	52	60	52	53	61	60	54	56	58	55	44	44	54	52	55	65	62	65	61	53	48	55	50	54.7
Kane	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lancaster	Maximum	92	92	91	91	83	87	88	92	91	93	93	94	89	92	91	87	78	78	81	81	81	87	90	90	92	92	88	76	76	83	87	87.3
	Minimum	63	62	65	71	69	57	55	58	61	69	62	60	70	72	61	57	61	54	50	51	58	56	58	63	62	65	62	60	59	59	54	60.8
Lawrenceville	Maximum	90	92	91	81	79	78	82	87	87	88	89	92	92	88	81	79	70	70	73	82	83	86	93	83	89	81	78	73	77	81	89	83.4
	Minimum	55	59	63	65	60	52	49	56	58	59	59	58	63	65	53	53	52	55	48	45	52	54	57	65	59	55	48	52	48	51	53	56.5
Lebanon[2]	Maximum	92	96	96	86	82	85	88	92	94	94	92	97	92	93	86	82	80	79	80	84	85	89	93	90	95	80	64	73	75	84	91	86.7
	Minimum	65	64	68	74	71	58	57	61	63	68	63	64	71	69	60	59	61	55	51	53	60	60	60	64	65	70	59	59	60	59	57	62.2
Lewistown	Maximum	89	94	91	88	88	88	88	90	90	93	92	98	95	92	93	87	81	82	....	....	....	....	....	94	82	93	84	67	74	73	82	93	87.4[a]
	Minimum	64	64	76	72	69	59	56	61	60	70	60	62	68	71	60	59	65	59	....	....	....	....	....	66	65	64	58	59	52	52	52	62.4[a]
Lock Haven[6]	Maximum	93	93	92	81	82	87	87	90	89	93	92	97	94	91	85	88	72	77	79	80	81	88	93	90	95	82	66	76	77	85	90	85.8
	Minimum	62	64	65	70	65	56	56	60	58	69	59	61	68	67	55	55	56	53	50	50	53	57	59	65	60	60	57	57	52	53	54	58.9
Marcus Hook[3]	Maximum	96	96	96	93	91	90	90	95	94	98	94	98	94	85	98	91	92	90	83	84	85	86	88	95	94	96	95	78	74	78	89	92	90.5
	Minimum	72	72	73	75	70	65	65	71	70	74	70	70	75	77	69	67	69	61	59	61	64	66	67	68	72	76	65	60	61	65	68	68.3

Continued on page 60.

Daily Temperatures for August, 1943 Continued from page 59

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Martinsburg[5]	Maximum	84	90	85	79	75	77	81	84	85	85	85	93	88	86	79	75	67	70	73	78	78	82	89	84	89	80	74	70	67	78	85	80.9
	Minimum	62	61	67	69	59	56	53	56	58	60	57	58	69	62	60	58	56	50	47	47	57	53	57	64	59	65	58	53	49	56	56	57.8
Mauch Chunk	Maximum	87	90	89	82	79	81	82	88	86	87	87	88	89	87	84	77	77	73	75	79	79	83	86	87	87	81	81	67	70	79	81	82.4
	Minimum	55	55	60	65	65	50	48	55	59	63	59	55	63	68	54	50	54	51	44	49	47	54	60	76	58	73	...	56	45	58	54	55.9[a]
Meadville[2]	Maximum	90	89	83	81	77	72	82	84	87	78	89	89	84	84	78	77	65	72	75	78	82	88	87	81	85	74	76	75	80	81	86	80.7
	Minimum	59	60	65	69	62	52	50	53	60	64	56	55	65	70	54	55	56	53	45	43	49	50	55	60	57	55	60	44	43	48	49	55.4
Mercer[5]	Maximum	90	89	89	80	75	83	87	87	89	87	84	89	87	87	84	72	86	70	75	80	85	87	87	86	83	80	76	75	84	85	86	83.5
	Minimum	56	61	67	66	53	49	46	56	62	54	51	62	67	60	56	52	51	53	42	45	52	53	59	58	55	61	48	45	50	45	50	54.3
Middletown[3]	Maximum	91	94	96	87	84	84	85	90	90	91	91	96	93	93	86	84	79	78	78	82	85	88	92	89	90	88	78	72	71	82	89	86.4
	Minimum	64	63	70	73	61	58	56	60	63	70	62	62	72	70	62	60	62	55	52	52	59	60	59	63	60	69	60	59	57	57	56	61.5
Midland[5]	Maximum	87	90	87	83	80	83	82	86	88	85	87	92	87	86	81	75	66	73	76	79	80	84	85	88	84	81	79	73	78	81	86	82.3
	Minimum	62	64	68	70	66	57	53	59	63	64	59	63	70	65	60	61	57	53	50	50	56	57	61	67	60	67	67	53	54	54	57	60.2
Montrose[2]	Maximum	87	88	87	78	69	74	77	82	84	80	84	87	82	86	76	74	69	70	72	78	78	82	87	80	85	75	57	69	68	77	80	78.1
	Minimum	58	61	65	66	57	56	49	52	55	59	60	61	66	66	58	53	55	52	49	49	51	59	59	60	59	60	53	51	50	52	56	56.7
Mt. Lebanon[6]	Maximum	88	90	85	81	75	80	83	87	88	87	87	90	85	88	81	71	67	73	76	78	80	85	87	88	88	79	76	73	81	81	87	82.1
	Minimum	61	65	68	69	64	55	54	57	62	68	56	63	71	68	57	61	55	51	45	46	56	57	67	67	59	68	62	49	55	53	56	59.5
Mt. Pocono[3]	Maximum	83	84	84	76	70	74	75	79	82	83	82	82	79	83	74	73	68	68	69	74	74	80	81	79	81	77	56	67	66	75	79	76.1
	Minimum	56	61	64	68	52	52	44	57	57	65	59	57	66	65	53	49	50	50	47	43	48	56	56	62	60	58	52	51	47	57	56	55.4
New Castle	Maximum	93	91	91	87	83	85	83	89	89	90	90	90	90	87	83	80	68	73	75	77	78	87	88	89	90	89	78	75	76	79	86	84.2
	Minimum	59	68	69	71	59	53	49	54	61	60	55	58	72	70	60	54	54	52	46	45	53	50	52	66	57	70	46	47	51	51	53	56.8
Palmerton[3]	Maximum	91	93	92	84	79	83	84	88	88	91	89	93	87	91	85	80	77	76	79	80	82	85	91	88	91	85	63	71	72	82	86	84.0
	Minimum	62	62	70	74	60	55	52	59	59	69	62	62	72	68	60	55	59	53	47	47	55	60	58	65	64	61	58	54	53	61	55	59.6
Park Place[3]	Maximum	83	85	84	76	72	77	78	80	81	84	80	86	80	83	76	74	69	70	70	73	74	80	83	80	83	79	59	64	67	75	80	76.9
	Minimum	64	69	65	69	58	58	54	63	60	62	61	67	66	62	59	57	54	52	52	54	58	58	66	64	61	59	53	52	55	63	60	59.8
Philadelphia Airport Station[3]	Maximum	92	94	94	90	86	86	86	92	92	94	92	95	83	94	88	87	84	80	81	84	85	88	91	91	91	89	73	71	75	84	90	87.3
	Minimum	70	66	73	75	69	62	62	67	69	70	69	67	73	77	66	61	66	59	57	57	59	61	62	67	68	71	64	60	58	64	62	65.5
City Office[3]	Maximum	91	92	93	88	86	88	86	90	93	92	93	92	82	93	88	84	83	80	82	85	84	89	90	90	93	91	74	72	74	86	88	86.8
	Minimum	70	73	73	75	70	66	68	73	72	74	72	72	73	76	71	71	67	63	62	63	65	67	68	68	73	74	64	60	62	67	67	69.0
Franklin Institute[2]	Maximum	93	94	95	90	85	87	88	92	93	96	91	93	83	94	88	86	83	80	81	84	85	89	91	91	93	90	...	74	75	82	89	87.8[a]
	Minimum	73	73	74	75	77	64	67	72	73	74	71	73	73	76	72	69	69	61	59	59	65	65	65	69	72	74	70	60	61	61	66	68.8
Shawmont	Maximum	92	93	92	93	92	85	86	92	93	93	93	94	92	94	93	86	82	80	80	83	85	90	90	92	94	92	88	73	74	82	90	88.3
	Minimum	67	65	72	73	73	60	57	63	65	72	69	65	73	74	62	59	66	58	55	52	61	59	60	61	66	67	66	59	56	64	59	63.9
Philipsburg[3]	Maximum	82	86	83	75	74	77	78	81	78	83	83	88	85	84	76	76	65	70	72	74	73	80	85	80	84	76	68	68	67	77	82	77.7
	Minimum	48	51	57	66	55	47	38	50	45	56	48	50	63	55	45	46	54	40	36	33	51	47	50	59	50	56	54	39	36	45	46	48.9
Phoenixville	Maximum	99	99	100	98	88	87	90	91	94	98	94	98	88	98	95	93	90	90	89	90	89	93	99	101	101	98	80	81	71	81	91	92.2
	Minimum	61	59	66	72	71	60	54	59	61	72	62	60	70	72	58	54	61	51	45	46	56	56	55	61	63	63	65	59	56	65	54	60.2
Pittsburgh Arpt Sta.[3]	Maximum	87	90	86	80	75	80	83	86	89	88	88	90	86	88	80	72	66	73	75	77	80	84	88	86	87	78	75	73	79	80	84	81.7
	Minimum	64	68	67	69	63	59	59	62	66	68	61	66	70	68	61	61	57	53	53	55	58	60	64	67	64	70	58	51	56	57	57	61.7
Pittsburgh City Office[3]	Maximum	89	92	87	82	81	83	84	88	89	86	89	91	86	90	82	74	66	73	77	79	81	86	88	88	90	80	78	75	81	82	87	83.4
	Minimum	65	69	72	71	65	61	59	62	67	69	62	68	73	68	63	66	59	57	53	53	60	59	65	70	65	72	59	54	57	59	60	63.3
Port Clinton[2]	Maximum	92	94	93	85	80	84	84	82	90	91	90	95	88	91	83	81	76	71	76	82	82	87	91	87	91	82	63	72	73	76	87	83.8
	Minimum	60	58	62	71	69	53	50	52	56	65	59	58	65	70	56	54	55	51	46	45	47	56	54	62	61	61	58	57	50	57	52	57.1
Putneyville[6]	Maximum	87	88	84	81	78	82	82	....	85	85	86	91	85	86	87	73	72	74	78	77	79	85	86	85	86	79	71	75	...	81	87	82.0[b]
	Minimum	57	54	65	70	67	52	48	....	71	72	71	64	76	72	58	61	57	60	56	51	58	60	65	70	62	67	61	55	....	52	57	61.7[b]
Pymatuning Dam[2]	Maximum	89	90	84	87	76	78	83	85	89	80	89	90	84	84	78	75	65	72	75	76	83	87	87	82	84	72	68	72	76	82	85	80.9
	Minimum	58	62	68	69	66	49	46	55	61	66	51	57	67	58	55	55	53	51	42	43	52	52	59	65	53	60	59	45	43	43	51	55.3
Quakertown	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	60	57	67	69	69	55	50	57	59	60	59	59	67	67	55	52	57	51	44	43	51	55	53	59	69	60	56	54	50	61	52	57.3
Reading[3]	Maximum	93	93	93	90	83	87	87	90	93	94	93	95	88	93	85	83	80	79	80	83	84	89	94	90	94	89	72	73	75	83	89	86.9
	Minimum	68	66	74	75	66	62	60	65	66	72	68	67	73	74	65	61	64	60	57	55	61	62	61	70	68	72	61	59	59	62	61	65.0
Ridgway[2]	Maximum	80	90	85	78	76	82	82	86	84	85	87	93	86	86	79	76	70	73	74	76	79	85	88	86	87	78	66	78	77	81	81	81.1
	Minimum	52	56	56	63	63	50	49	49	51	51	54	54	54	66	50	49	50	49	40	41	42	49	50	52	54	54	54	45	44	43	47	51.0
Scranton[3]	Maximum	89	91	91	88	78	79	82	82	85	88	88	92	87	90	80	80	71	75	74	80	82	85	89	84	87	80	63	72	71	81	83	81.8
	Minimum	60	63	71	72	60	56	51	62	56	69	66	62	71	71	62	56	60	58	50	47	54	62	58	64	62	63	57	56	56	60	56	60.4
Selinsgrove	Maximum	89	90	89	81	79	83	85	89	84	90	88	93	89	90	86	81	76	78	81	83	87	91	88	91	86	78	74	76	83	87	84	84.6
	Minimum	62	62	62	69	66	55	54	58	61	67	59	60	71	69	58	55	56	54	47	50	52	56	56	66	62	70	64	62	53	54	53	59.5
Sharon	Maximum	94	94	93	89	80	83	87	90	95	94	95	95	93	85	83	82	76	76	79	84	86	91	92	92	92	92	76	77	82	85	91	87.2
	Minimum	65	68	77	74	66	59	55	63	69	69	62	64	75	69	63	64	60	59	50	50	60	59	64	71	63	72	60	52	55	54	58	62.9
Somerset	Maximum	87	87	85	80	78	78	81	83	85	81	84	88	81	80	75	72	66	66	65	75	74	78	83	87	83	89	82	75	74	72	80	81.2
	Minimum	54	52	57	66	65	49	48	47	51	58	47	49	66	64	50	52	54	52	37	39	54	46	48	57	55	60	63	52	45	49	42	52.5
Springs[6]	Maximum	82	84	80	79	72	75	77	81	85	81	84	88	81	80	75	72	66	66	65	75	74	78	83	81	85	77	74	72	68	75	80	77.3
	Minimum	46	52	54	62	57	48	47	47	51	63	48	50	64	64	54	50	53	51	48	40	54	48	49	57	54	60	64	51	49	48	45	52.5
State College[3]	Maximum	89	90	88	80	79	81	83	85	84	86	89	93	89	87	79	77	67	73	74	79	78	85	89	84	90	80	68	70	70	81	85	81.7
	Minimum	62	64	67	69	64	56	54	61	58	68	59	61	69	68	60	53	57	54	49	49	56	57	60	68	61	65	58	54	48	52	57	59.3
Stroudsburg	Maximum	93	93	94	92	84	88	87	86	89	92	91	92	89	91	90	81	80	78	80	84	83	86	92	92	90	91	90	72	74	82	85	86.8
	Minimum	58	57	58	62	66	58	48	56	54	67	62	58	....	....	....	....	....	....	....	....	....	58	56	59	60	58	55	56	52	60	54	57.8[b]
Tamarack[2]	Maximum	84	85	82	72	69	76	76	80	78	82	85	87	86	82	75	70	66	64	69	71	73	77	81	81	81	73	61	66	69	74	80	76.0
	Minimum	57	56	64	64	61	53	53	54	58	58	58	58	65	64	56	54	53	51	48	48	49	55	55	60	58	59	52	48	48	48	53	55.4
Towanda	Maximum	92	91	89	84	78	80	85	88	87	87	88	93	90	90	82	80	72	75	77	83	86	88	93	86	90	79	64	73	77	83	88	83.8
	Minimum	58	57	64	67	60	54	51	57	56	65	61	57	68	67	55	52	54	55	44	43	50	56	52	71	60	61	49	49	47	51	53	56.3
Uniontown	Maximum	86	88	85	83	81	79	81	85	87	87	86	90	86	86	85	77	72	72	74	78	76	82	81	87	88	85	79	77	79	79	84	82.1
	Minimum	64	62	69	70	69	58	57	55	69	73	57	61	72	69	58	61	58	56	48	48	61	56	58	58	65	69	70	55	62	56	53	60.9
Vandergrift[3]	Maximum	90	93	89	82	86	84	86	90	92	90	91	95	88	92	86	74	69	78	79	79	81	87	89	89	91	84	78	76	79	84	88	85.1
	Minimum	60	63	69	71	67	56	53	57	59	67	56	59	74	67	51	59	59	55	47	47	53	55	58	68	59	68	61	52	50	54	54	59.0
Warren	Maximum	91	91	85	83	77	82	84	88	86	83	89	91	84	85	81	79	70	74	76	80	79	87	88	84	88	86	70	75	81	82	86	82.7
	Minimum	54	61	68	67	59	53	49	56	55	67	59	54	66	68	55	55	55	54	45	45	54	52	57	65	56	61	56	48	48	52	54	56.4
Waynesburg	Maximum	86	88	84	81	81	82	84	87	87	89	87	89	85	88	84	78	72	74	77	79	79	85	86	86	90	85	81	77	82	83	86	83.3
	Minimum	60	59	66	69	67	54	54	53	58	71	52	58	71	65	55	58	55	50	44	45	52	52	55	65	60	68	68	50	52	52	50	57.7
Wellsboro[2]	Maximum	90	90	88	81	73	81	84	86	87	85	86	92	89	87	78	78	69	72	73	81	82	85	88	84	88	76	62	73	76	82	86	81.7
	Minimum	53	56	58	62	59	46	45	48	53	54	54	55	57	63	50	49	49	50	43	41	43	51	54	55	55	56	49	52	45	47	49	51.6
West Chester	Maximum	91	92	92	88	84	85	84	91	90	93	90	93	86	93	89	87	82	77	80	84	85	87	91	91	92	89	82	73	74	82	90	86.7
	Minimum	65	65	67	70	71	58	57	63	64	69	71	71	71	71	63	60	63	54	54	53	59	59	59	63	67	68	65	56	56	62	59	63.0
Wilkes-Barre[5]	Maximum	90	92	91	83	75	82	82	83	88	90	87	92	88	90	83	80	73	76	78	82	82	85	90	86	87	83	64	76	73	81	85	83.1
	Minimum	60	60	66	70	55	55	52	62	59	65	63	60	71	64	57	54	55	49	47	46	53	61	55	60	61	60	56	57	56	58	56	58.2
Williamsport	Maximum	92	93	91	83	80	87	85	91	88	92	90	95	92	92	88	86	78	78	79	80	81	87	92	88	89	87	70	75	77	83	88	85.7
	Minimum	62	61	64	68	65	55	52	58	59	68	60	61	70	68	57	56	55	52	48	49	52	58	59	62	61	61	57	51	50	54	55	58.3
Woodward[5]	Maximum	82	84	84	75	71	74	77	80	79	83	80	85	83	82	74	72	68	66	68	73	78	76	84	81	82	73	60	65	65	75	81	76.1
	Minimum	61	68	67	67	59	56	54	62	60	63	59	66	67	61	58	59	52	50	48	54	58	59	65	64	61	59	53	51	53	54	57	58.9
York	Maximum	94	96	95	92	86	86	88	93	94	93	96	95	95	94	87	88	80	83	85	85	90	96	92	95	96	86	75	73	86	92	89.6
	Minimum	63	61	66	72	70	57	54	59	60	72	63	60	74	72	58	57	59	57	47	49	59	58	58	64	63	65	63	60	55	58	55	60.9

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [6] At a fixed hour between sunset and 11:00 p. m.
[a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

Daily Evaporation(inches) and Wind Movement(miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Pymatuning Dam.. (a. m.)	Evaporation	.180	.204	.192	.098	.093	.181	.023	.320	.164	.157	.190	.186	.130	.093	.240	.165	.080	.064	.145	.156	.115	.113	.127	.109	.190	.147	.055	.140	.131	.139	.135	4.462
	Wind movement	21	16	33	24	36	21	24	28	9	29	16	25	25	30	22	22	26	15	20	20	14	17	16	24	21	17	36	39	29	21	16	230
Shaver Creek..... (p. m.)	Evaporation	.128	.186	.206	.046	.228	.208	.210	.170	.162	.172	.326	.102	.278	.136	.244	.130	.134	.178	.160	.164	.114	.134	.164	.092	.150	.190	.076	.154	*	.098	.242	4.982
	Wind movement	5	11	6	5	22	31	4	9	6	23	14	9	9	36	37	14	33	44	21	10	6	10	7	4	9	10	3	28	*	6	4	436
Wallenpaupack... (a. m.)	Evaporation	.085	.234	.285	.242	.064	.153	.216	.200	.194	.195	.154	.244	.190	.252	.381	.147	.145	.144	.156	.179	.183	.179	.139	.183	.162	.199	.251	.....	.049	.062	.146	5.593
	Wind movement	39	37	141	107	199	3	113	30	45	33	53	58	55	142	120	112	163	96	47	14	66	56	19	84	61	45	51	14	15	17	38	2073

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. SEPTEMBER, 1943 No. 9.

GENERAL SUMMARY.

This was the sixth coolest September of record and, excepting 1941, the average temperature for the State was lower than it had been in any September since 1928. It was also the first time since April that the average temperature has been below normal. The small excess accumulated during the preceding eight months was converted into an average daily deficiency of 0.1°. Extreme maxima, recorded at the beginning of the month, were higher than any since June at a number of stations. Middletown's 102°, on the 1st, was the highest reading of the year in Pennsylvania. Minima occurred most generally on the 26th when station records for September minima were broken at several points in the north-central portion. The lowest, 18°, reported by both Black Moshannon Airport and Kane, established a new record for September. In contrast to the hot weather of the first week, which caused a few heat prostrations, most mountain and northern stations had experienced freezing temperatures by the 30th.

The precipitation average was the lowest for any September in the period of record and the lowest for any month since October, 1924. The accumulated deficiency for the year is now 4.33 inches. Periods of precipitation were general but amounts were insignificant until the end of the month. On the 30th, wind blew down trees and interrupted utility services in the Philadelphia area. This storm, continuing on October 1st, produced more precipitation, at most eastern stations, than had fallen in the entire preceding month.

The past growing season was decidedly discouraging. Planting was delayed by a cool, wet spring. Excessive heat in June matured crops rapidly, but deficient rainfall in July, August, and September reduced yield and quality generally. Considerable amounts of late corn and buckwheat in the north part were frost-killed in September. Drought conditions, serious at the end of August, had spread and steadily grown worse. Wells and springs, always dependable in former years, dried up. Hauling water for livestock was a regular chore on many farms, and in some localities water for human consumption was scarce. Pastures were burned and brown and many dairy herds were on full stable feeding. Plowing for and seeding winter grains were increasingly retarded as the ground was too hard and dry for field work, and this work had only started in some of the drought-stricken areas as the month closed. G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 80 stations was 61.4°, which is 2.8° below the 56-year normal for September. The highest monthly mean was 68.8° at Marcus Hook, and the lowest was 54.1° at Kane. Extremes ranged from a maximum of 102° at Middletown, on the 1st, to a minimum of 18° at Kane and Black Moshannon Airport, on the 26th.

PRECIPITATION.

The average precipitation for the State as deduced from the observations at 203 stations was 0.72 inch, which is 2.61 inches below the 56-year normal for September. The greatest monthly amount was 3.38 inches at Erie, while the least was 0.04 inch at Newport. The greatest amount for any 24 consecutive hours was 2.54 inches at Wernersville on September 30th and October 1st. A trace of snow fell at Warren on the 26th.

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	59.6	84	29	4.84	.....	10	8	11	11
1889	61.9	92	30	5.05	.....	13	8	8	14
1890	62.2	91	25	4.57	.....	11	10	9	11
1891	66.6	94	32	2.39	.....	7	17	8	5
1892	62.4	90	29	2.81	.....	7	16	7	7
1893	61.2	90	26	2.67	.....	8	9	12	9
1894	66.6	95	24	6.30	.....	10	10	10	10
1895	67.8	100	24	1.71	.....	6	16	9	5
1896	63.6	98	26	4.82	.....	10	13	8	9
1897	63.8	100	24	2.18	.....	5	18	7	5
1898	66.0	100	25	1.70	.....	6	16	8	6
1899	61.8	93	23	4.70	.....	10	12	9	9
1900	68.4	100	27	1.77	.....	6	13	10	7
1901	63.6	95	29	3.39	.....	9	14	7	9
1902	62.7	99	28	4.66	.....	11	12	8	10
1903	63.2	94	27	2.09	.....	6	17	8	5
1904	63.7	95	21	3.37	.....	9	13	10	7
1905	64.0	95	27	3.41	.....	7	15	9	6
1906	67.0	99	30	2.46	.....	7	15	9	6
1907	64.8	95	29	6.37	.....	14	8	10	12
1908	65.6	99	26	1.60	.....	3	17	9	4
1909	62.8	96	26	2.27	.....	6	15	9	6
1910	65.5	95	32	4.49	.....	10	13	8	9
1911	64.9	92	26	5.29	.....	10	13	9	8
1912	65.5	95	25	5.57	.....	12	12	7	11
1913	62.4	97	24	3.28	.....	8	13	7	10
1914	61.5	98	21	0.99	.....	5	18	7	5
1915	66.5	96	25	2.56	.....	8	16	9	5
1916	62.5	98	23	3.77	.....	8	17	8	5
1917	59.0	91	25	2.31	.....	6	16	9	5
1918	58.7	88	28	3.97	.....	10	12	8	10
1919	64.4	96	28	2.07	.....	8	16	8	6
1920	64.5	91	24	3.99	.....	9	16	8	6
1921	68.9	98	31	4.68	.....	11	13	9	8
1922	66.3	100	22	1.48	.....	4	19	7	4
1923	64.8	92	22	3.55	.....	10	13	10	7
1924	59.8	99	26	6.44	.....	11	11	7	12
1925	67.5	99	24	2.80	.....	8	11	12	7
1926	64.2	99	26	5.81	.....	12	11	7	12
1927	64.9	97	27	2.08	.....	6	18	7	5
1928	60.4	94	25	2.33	.....	9	12	9	9
1929	65.7	101	24	3.71	.....	9	14	8	8
1930	67.8	101	27	2.45	.....	9	15	10	5
1931	69.1	104	29	3.15	.....	9	16	8	6
1932	65.2	105	23	1.45	.....	6	16	9	5
1933	66.3	98	32	4.66	.....	12	13	8	9
1934	66.4	94	31	6.58	.....	12	12	8	10
1935	62.2	95	24	3.51	.....	8	15	7	8
1936	66.5	96	28	2.17	.....	8	14	7	9
1937	61.5	97	25	1.90	.....	7	17	7	6
1938	62.0	95	26	4.74	.....	12	11	8	11
1939	65.9	101	27	2.95	.....	9	14	8	8
1940	61.4	95	21	3.41	.....	7	15	8	7
1941	66.0	98	24	1.33	.....	5	18	7	5
1942	63.7	96	19	4.38	.....	10	13	8	9
1943	61.4	102	18	0.72	.....	5	15	9	6
Period	64.2	105	18	3.38	.....	8	14	8	8

Climatological Data for September, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	63.4	−1.7	94	1	36	19	0.12	−3.22	0.69	30-1	0	2	16	8	6	ne.	Allent'n-Bethlehem Gas Co.
Altoona-5 mi. W.	Blair	1,615	56	61.2	−1.9	93	1	29	26	0.61	−2.34	0.33	5-6	0	5	23	5	2	w.	City of Altoona.
Bethlehem	Northampton	364	57	64.6	−2.3	94	1	39	19	0.21	−3.03	0.62	30-1	0	2	16	4	10	w.	Lehigh University.
Burnt Cabins-2 E.	Huntingdon	990	2	59.9	.....	97	1	24	26	0.34	.....	0.89	30-1	0	5	19	4	7	s.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	74	63.3	−2.2	95	1	30	19	0.41	−2.31	1.17	30-1	0	5	17	8	5	ne.	Clarence E. Miller.
Chambersburg	Franklin	431	56	66.2	+0.1	97	1	36	19	0.98	−2.42	0.64	30	0	3	16	8	6	ne.	William B Spear.
Coatesville	Chester	600	46	64.2	−2.1	99	1	30	26	0.16	−2.81	0.29	30-1	0	4	8	8	14	nw.	Howard L. Pyle.
Chambersburg	Franklin	431	56	66.2	+0.1	97	1	36	19	0.98	−2.42	0.64	30	0	7	14	10	6	w.	U. S. Weather Bureau.
Coatesville	Chester	600	46	64.2	−2.1	99	1	30	26	0.16	−2.81	0.29	30-1	0	4	8	8	14	nw.	Howard L. Pyle.
Curwensville-6 NW	Clearfield	2,215	1	57.3	.....	85	1	28	26	1.24	.....	0.43	5	0	4	18	7	5	ne.	Carl E. Bigger.
Eagles Mere	Sullivan	2,020	2	57.0	.....	85	1	32	26†	0.16	.....	0.38	30-1	0	7	18	6	6	.....	Mrs. Helen C. Haas.
Emporium	Cameron	1,033	57	59.4	−2.1	93	1	27	26	0.82	−2.66	0.29	2	0	2	15	6	9	n.	Ira J. Keath.
Ephrata	Lancaster	365	46	65.4	−0.9	99	6	35	26	0.13	−3.24	1.54	30-1	0	2	15	6	9	ne.	Penna. Turnpike Comm.
Everett-1 SW	Bedford	1,020	21	59.6	−3.4	98	1	27	26	0.05	−2.95	0.31	30-1	0	3	17	7	6	n.	Andrew B. Evansha.
Freeland	Luzerne	1,970	50	60.8	+0.7	87	1	33	26	0.36	−3.49	0.75	30-1	0	3	13	3	14	nw.	Prof. N. W. Swayne.
George School	Bucks	184	37	65.3	−1.1	94	6	36	19	2.05	−1.41	0.76	7-8†	0	11	18	4	8	nw.	Dr. Henry Stewart.
Gettysburg	Adams	553	70	65.5	−0.5	98	1	35	26	0.46	−3.13	0.59	30-1	0	4	20	6	4	n.	Miss Sallie M. Johnson.
Gordon	Schuylkill	900	39	60.0	−2.4	92	1	27	26	0.45	−3.58	0.15	4	0	4	19	4	7	e.	Evening Sun.
Hanover	York	600	39	64.6	−3.1	95	1	37	26	0.70	−2.34	0.62	30-1	0	4	15	7	8	s.	U. S. Weather Bureau.
Harrisburg Airport	York	351	74	64.8	−1.0	97	1	36	26	0.85	−2.20	1.70	30-1	0	5	10	9	11	w.	Mrs. Della M. Pennell.
Hawley	Wayne	900	25	58.7	−2.3	92	1	27	26	0.11	−3.10	0.26	30-1	0	5	21	5	4	nw.	Penna. Water & Power Co
Holtwood	Lancaster	200	28	67.6	−1.5	95	1	46	19†	0.30	−2.46	0.92	30-1	0	2	13	10	7	nw	Prof. Paul R. Yoder.
Huntingdon	Huntingdon	700	56	61.5	−3.1	99	1	28	26	0.37	−2.72	0.39	30-1	0	7	13	6	11	nw.	Lancaster Water Bureau.
Lancaster	Lancaster	255	56	64.7	−0.9	94	1†	33	26	0.18	−3.19	1.38	30-1	0	2	22	5	3	nw.	Carlos P. Darling.
Lawrenceville	Tioga	996	46	60.8	−0.9	94	1	26	26	1.08	−1.93	0.85	30-1	0	5	15	12	3	n.	Lebanon Valley Gas Co.
Lebanon	Lebanon	469	59	64.6	−1.1	98	1	33	26	0.38	−3.03	0.80	30-1	0	3	24	1	5	sw.	Penna. Dept. of Highways.
Lewistown-2 SW	Mifflin	580	5	60.8	.....	98	1	28	26	0.52	.....	1.06	30-1	0	2	13	11	6	.....	William R. Kelley.
Lock Haven	Clinton	557	53	62.6	−2.3	97	1	29	26	0.33	−2.75	1.41	30-1	0	6	18	3	9	e.	Sun Oil Co.
Marcus Hook	Delaware	12	17	68.8	−1.9	97	6	45	26	0.22	−2.71	1.18	30-1	0	3	23	3	4	s.	Civil Aeronautics Authority
Martinsburg	Blair	1,493	1	60.0	.....	90	1†	31	26	0.22	.....	0.08	3-4	0	6	.....	.....	.....	.....	Harry S. Fancher.
Montrose	Susquehanna	1,176	38	58.4	−2.1	89	1	31	26†	0 61	−3.15	0.55	4	0	5	17	5	8	nw	U. S. Weather Bureau.
Mt. Pocono Airport	Monroe	1,944	2	57.4	.....	86	1	31	18	0.66	.....	0.38	30	0	5	9	17	4	nw.	New Jersey Zinc Co.
Palmerton	Carbon	455	25	62.2	−1.7	92	1	34	26	0.43	2.86	0.34	30	0	5	8	7	15	ne.	U. S. Weather Bureau.
Philadelphia Airport	Philadelphia	10	2	66.4	+0.5	95	1	43	26	1.69	−1.45	0.87	30-1	0	9	8	11	11	n.	U. S. Weather Bureau.
Philipsburg†-7 E.	Centre	1,916	1	55.0	.....	89	1	18	26	0.72	.....	0.20	4	0	7	13	12	5	nw.	Phila.-Suburban Water Co.
Phoenixville	Chester	100	33	66.4	−0.6	100	6†	32	19†	0.18	−3.09	1.40	30-1	0	1	13	11	6	w.	Earl E. Rarick.
Port Clinton	Schuylkill	407	5	61.0	−4.3	93	1†	31	19	0.11	−3.94	0.62	30-1	0	1	20	5	5	n.	John E. Benner.
Quakertown	Bucks	480	58	61.0[c]	−2.9	91[c]	2	30[c]	19	0.17	−3.72	1.23	30-1	0	2	17	6	7	nw.	U. S. Weather Bureau.
Reading	Berks	273	73	66.0	−0.6	96	1	39	19	1.13	−2.08	2.16	30-1	0	3	10	11	9	nw.	U. S. Weather Bureau
Scranton	Lackawanna	746	49	61.4	−1.5	91	1	34	26	0.52	−2.65	0.43	4-5	0	5	12	11	7	n.	Dr. George E. Fisher.
Selinsgrove	Snyder	476	53	62.5	−2.4	95	1†	29	26	0.84	−2.47	1.58	30-1	0	3	22	2	6	sw.	Penna. State College.
State College	Centre	1,217	59	61.3	−1.5	92	1	31	26	0.35	−2.55	0.18	2	0	7	13	11	6	w.	Metropolitan Edison Co.
Stroudsburg	Monroe	440	29	63.4	−0.7	92	1†	31	26	0.12	−3.36	0.42	30-1	0	4	10	8	12	w.	James E. Swartz.
Tamarack Twr.	Clinton	2,250	3	56 8	.....	85	1	32	26	1.92	.....	1.05	4	0	6	13	11	6	w.	Mrs. M. Ordelia Parks.
Towanda	Bradford	754	49	60.6	−1.7	93	1	28	27	0.36	−2.83	0.52	30-1	0	6	17	6	7	ne.	M. S. Bliss.
Wellsboro	Tioga	1,319	73	56.6	−3.3	91	1	20	27	0.87	−2.08	0.41	30-1	0	7	7	16	7	s.	Clyde T. Saylor.
West Chester	Chester	440	94	66.0	+0.3	94	1†	37	26	0.53	−2.99	0.20	24	0	5	16	8	6	n.	U. S. Communication Sta.
Wilkes-Barre	Luzerne	544	5	61.0	.....	92	1	30	26	0.57	−2.90	0.32	4-5	0	4	8	16	6	nw.	John D. McEwen.
Williamsport	Lycoming	550	57	62.8	−1.6	95	1	31	26	0.16	−2.88	0.63	30-1	0	3	10	12	8	.....	U. S. Weather Bureau.
Woodward-2 NE	Centre	2,208	2	58.6	.....	86	1	31	26	0.65	.....	1.96	30-1	0	4	3	18	9	w.	
York	York	400	55	65.5	−0.8	97	1†	29	26	0.46	−2.57	1.73	30-1	0	5	20	6	4	nw.	York Water Co.
Division mean				62.1	−2.1	102	1	18	26	0.54	−2.79	2.54	30-1	0	4	15	8	7	nw.	
Ohio Drainage																				
Bradford	McKean	1,680	2	56.3	.....	88	1	22	26	1.51	−2.48	0.36	5	0	9	7	13	10	w.	City Water Dept.
Brookville	Jefferson	1,400	53	57.4	−3.1	92	1	26	26	0.70	−2.43	0.24	16-17	0	6	11	15	4	ne.	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	61.4	−2 8	94	2	26	27	1.30	−2.16	0.48	5-6	0	8	20	9	1	w.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	33	60.6	.....	93	1	30	26	1.31	−2.20	0.40	5-6	0	6	12	8	10	e.	Penna. Electric Co.
Claysville	Washington	1,170	38	59.4	−8.5	89	1	30	26	0.94	−2.30	0.40	6-7	0	5	18	9	3	s.	Walter B. Paget.
Corry	Erie	1,431	30	60.4[f]	−0 6	91[f]	1	30[f]	12	0.90‖	−2.70	0.23	2	0	8	.....	.....	.....	.....	Corry Evening Journal.
Coudersport	Potter	1,653	16	58.2	−2.1	91	1	24	26	1.11	−2.05	0.37	2	0	7	19	5	6	nw.	Philip R. Shaw.
Derry	Westmoreland	1,150	46	62.4	−0.3	93	1†	30	26	0.81	2.33	0.29	7	0	5	19	6	5	w.	Miss N. Dixie Wineman.
Donora	Washington	761	17	65.2	−3.1	94	1	37	26	0.46	2.31	0.21	7	0	6	15	8	7	sw	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	57.2	−4.0	87	1†	27	26	0.74	−2.76	0.24	16	0	6	15	8	7	w.	Miss. Emma H. Eastman.
Ford City-4 SE	Armstrong	950	0	61.6	.....	92	1	31	26†	1.37	.....	0.40	4-5	0	5	20	2	8	w.	U.S. Engineers.
Franklin	Venango	987	69	59.3	−3.4	91	1	32	26†	0.88	−2.49	0.22	5-6	0	7	18	7	5	s.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	34	58.6	−6.8	90	1	26	26†	1.68	−1.24	1.00	4	0	6	18	12	0	sw	Westmoreland Water Co.
Indiana	Indiana	1,300	42	61.8	−2.7	90	1†	28	26	0.68	−2.97	0.21	16-17	0	5	16	7	7	e.	Indiana State Teachers Col.
Johnstown	Cambria	1,650	61	60.0	−5.6	92	1	29	26	0.94	−2.30	0.36	7	0	7	19	8	3	sw.	Robert Tross.
Kane-1 N.	McKean	1,750	28	54.4	.....	88	1	18	26	1.07	−2.43	0.56	2	0	5	14	8	8	w.	Spring Water Co.
Meadville	Crawford	1,065	49	59.2	−2 9	93	1	29	26	2.52	−1.01	0.80	6-7	0	5	13	13	4	nw.	City of Meadville
Midland	Beaver	780	6	62.2	.....	93	1	36	26	1.02	.....	0.50	2	0	11	10	15	5	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	62.4	−2.0	90	1†	30	26	0.95	−2.06	0.40	6-7	0	5	13	13	4	nw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	63.2	−1 8	93	1	42	25	0.71	−1.87	0.54	4	0	6	21	9	0	s.	U. S. Weather Bureau.
Putneyville-2 SE	Armstrong	1,270	0	63.5[a]	.....	92[a]	1	38[a]	26	0.72	.....	0.43	2	0	7	10	12	8	s.	U.S. Engineers.
Pymatuning Dam	Crawford	1,050	2	58.0	.....	93	1	27	26	1.54	.....	0.70	4-5	0	6	17	10	3	w.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1,371	36	57.2	−2.8	94	1	26	26†	0.66	−2.33	0.37	2	0	13	.....	.....	.....	ne.	West Penn Power Co.
Sharon	Mercer	940	30	66.0	+0.8	100	1	35	26	1.00	−1.70	0.41	16	0	3	12	14	4	s.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,190	76	57.4	−3.4	90	6	24	26	0.33	−3.27	0.16	16-17	0	6	17	12	1	se.	D. L. Grove.
Somerset	Somerset	2,500	26	55.6	−4.5	86	6	27	26	0.34	−2.57	0.22	16-17	0	4	10	12	8	sw	Allen E. Yoder.
Springs	Fayette	1,060	55	63.6	−1 6	90	1	35	26	0.86	−2.44	0.34	7	0	7	10	10	10	w.	William W. Marsteller.
Uniontown	Westmoreland	825	29	63.6	−1.7	96	1	34	12†	0.97	−2.15	0.29	5	0	6	17	10	3	sw	Carnegie-Illinois Steel Corp.
Vandergrift	Warren	1,190	54	60.9	−1.3	94	1	32	19	1.98	1.71	0.50	10-11	T.	8	21	8	1	.....	
Warren	Greene	1,100	12	61.8	−4.4	91	1†	31	26	0 84	−2.41	0.38	6-7	0	4	12	9	9	s.	Merrill L. Jordan.
Waynesburg																			sw.	Thomas S Knox.
Division mean				60.3	−3.9	100	1	18	26	1.03	−2.30	1.00	4	T.	6	15	9	6	w.	
Lake Drainage																				
Erie	Erie	670	70	62.9	−0 7	94	1	42	26	3.38	−0.01	0.86	6-7	0	10	5	18	7	w.	U. S. Weather Bureau.
State mean				61.4	−2.8	102	1	18	26	0.72	−2.61	2.54	30-1	T.	5	15	9	6	w.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. • Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, [a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., missing from the record.

Figures and letters following station indicate distance and direction from the city and replace the previous designation 'near'. Locations not appearing here are shown in the Daily Precipitation Table.

‡ Philipsburg is Black Moshannon Airport.

W. B. O., Philadelphia-11-25-43-975

Daily Precipitation for September, 1943

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2]	Pike								.16																.04								0.20
Hawley[2]	Wayne	.01				.04	.03				.01					T.		T.	T.						.02								0.11
Hollisterville[2]	Wayne	T.				16	.21		.02		.03							.02	T.						T								0.44
Lakeville[2]	Wayne				.05	T.	.18				.03							T.							.02								0.28
Matamoras[2]	Pike								.52							.12																	0.64
Mount Pocono[1, 5]	Monroe			.02	.16	.07		T.		T.						T	T.								.03							.38	0.66
Pleasant Mount[1]	Wayne				.49	.01	.07	.05									.02															.18	0.82
Stroudsburg	Monroe	T.			T.	T.	.01	.01	T							.04									.06								0.12
Tanners Falls[1]	Wayne				.26			.06																							.04		0.36
LEHIGH																																	
Allentown[2]	Lehigh					T.										.06									.06								0.12
Bethlehem[1]	Northampton				T.											T.					T.				.03							.18	0.21
Blakeslee Corners[1]	Monroe																								.06							.27	0.33
Gouldsboro[2]	Wayne				T.	.06	.02		.02		T.							T.							.04								0.14
Lansford[2]	Carbon					.10			T.									T.							.10								0.20
Mauch Chunk	Carbon				.03		.09																		.08								0.20
New Tripoli	Lehigh					.03	T.																		.10							T.	0.13
Palmerton[1]	Carbon			T.	.01	.02		T.																.01	.05							.34	0.43
Zionsville	Lehigh				.01			.01								.02									.13								0.17
SCHUYLKILL																																	
Conshohocken	Montgomery			T.	T.	T.		.18	T.		.04					.06		T.				.05			.12							.71	1.16
Fredericksville[2]	Berks					.02	T.		T.													T.			.09								0.11
Freeland[2]	Luzerne				T.	.13	.08		T.																.15								0.36
Gratersford[2]	Montgomery				.01	.11			T.							.02									.12								0.26
Phoenixville[2]	Chester				T.	T.																			.18								0.18
Port Clinton[2]	Schuylkill																								.11								0.11
Pottstown[2]	Montgomery					.03	T																		.15								0.18
Pottsville[2]	Schuylkill					.10			.10																.17								0.37
Reading[1]	Berks				.01			T.													T.				.09							1.03	1.13
Wernersville	Berks				.04	T.																			.11							.03	0.18
LOWER DELAWARE																																	
Coatesville[6]	Chester				.05	.04					T.														.25							.64	0.98
Doylestown	Bucks				T.						T.				T.	.02		.02					.02		.13							.06	0.25
George School[6]	Bucks			.02		.03		.74	.02						.06	.17	.10	.01				.02	T.		.12							.76	2.05
Marcus Hook[2]	Delaware					T.			.01	T.						T.		.08				T.	T.		.13							T.	0.22
Philadelphia Airport Station[1]	Philadelphia			07	.01	T.		.15	T.	T.					.51	T.	.03	.06			T.	.03	T.	T.	.11							.72	1.69
City Office[1]	Philadelphia				.05			T.	T.	T.					.10		.03					.08		.04	.06							.86	1.18
Franklin Inst.[2]	Philadelphia				T.				.12							.12		.02						T.	.10							T.	0.40
Shawmont	Philadelphia				.02			.03	02							.64	..	T.				.10			.15	T.						.06	1.02
Quakertown	Bucks				*			.17																									0.17
West Chester	Chester				.05			.05			.13							T.				T.			.20							.10	0.53
West Grove[2]	Chester				.02	.03					T.							.02				T.	T.		.21								0.28
Susquehanna Basin																																	
CHEMUNG																																	
Auburn[1]	Tioga	.08	.16		.59		.04	.04									.12																1.03
Centerville[2]	Bradford					1.20	.09											.13															1.42
Covington[2]	Tioga		.10			.14	T.	.01										.09	.06														0.40
Lawrenceville	Tioga		.12		.68			.05									.15	.08							T.								1.08
NORTH BRANCH																																	
Canton[2]	Bradford		.05			.11	.03											.06	.03														0.28
Danville[2]	Montour				T.	.46	.17																										0.63
Kellogg Mt Tower[2]	Bradford		.02			.09	.04		T.									.06	T.														0.21
Millville[1]	Columbia				.31	.08																											0.84
Montrose[2]	Susquehanna	.01	T.			.55	.01		.01		T.							.03														.45	0.61
Orwell[2]	Bradford		T.			.52			.03									.04															0.59
Park Place 1, 5	Schuylkill			.01	.23	.11		.11									T.						.12										1.22
Pikes Creek[1]	Luzerne				.47	.07																										.64	0.75
Rush[2]	Susquehanna					.79	.04		.01		.02							.03														.21	0.89
Scranton[1]	Lackawanna				.42	.01	.01	.01									.01	T.															0.52
Susquehanna[2]	Susquehanna					.42			.12		.02							.01														.06	0.57
Towanda	Bradford		.02		.20	.02	.02	.01									.09	T.															0.36
Tunkhannock[1]	Wyoming				.38			.09									.04												•	•	•	•	0.51
Wilkes-Barre[5]	Luzerne		T.		.30	.02		.02		T.							T.	T.						T.								.23	0.57
WEST BRANCH																																	
Ansonia[2]	Tioga		.22			.24	.06	.08	T.									.12															0.72
Bald Eagle[1]	Blair					*	.05	.06									.06													•	•		0.17
Carter Camp[1]	Potter	.06	.56		.78	.08	.14	.14									.10																1.86
Cedar Run[2]	Lycoming		.25			.34	.26	.05	.04									.13															1.07
Clearfield[2]	Clearfield		.39			.04	.25	.38	.03									.08															1.17
Coalport[2]	Clearfield		.15		T.		.10	.21	.13									.14															0.73
Curwensville[1, 5]	Clearfield	.03	.32	T.	.03	.43	.08	.23																									1.24
Driftwood[1]	Cameron		.72		.75	.27	.80	.15									.12	T.						T.									2.88
Du Bois, 7 E	Clearfield		.16		T.	.31		.14									.19																0.75
Dushore[1]	Sullivan				.60												.08	.06				T.											0.73
Eagles Mere[2]	Sullivan		.09			.05	T.	T.	T.								.02															.11	0.16
Emporium[2]	Cameron		.29	T.		.11	.10	.19	.01	T.	T.	T.	T.	T.				T.	.01						.01								0.82
English Center[1]	Lycoming				.25	.05		.03										.11	T.							.01								0.34
Galeton	Potter		.25	T.	.57	.02	.03	.20									.15	.01														.01	1.23
Karthaus[2]	Clearfield		?			.03	.13	.17										.10															0.74
Lock Haven[2]	Clinton		.09		.09	.05	.07	T.	.02									T.	.01														0.33
Medix Run[1]	Elk		.80		.14	.17	.06	.11									.15																1.43
Philipsburg[1, 5, 7 E]	Centre		.08	T.	.20	.03	.14	.14									.11	T.															0.72
Renovo[2]	Clinton		.39		.02	.11	.17	.08	.05									.12	.04													.02	0.98
Shaffers Path[2]	Lycoming				.05	.19	.03		.01									.01															0.29

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Susquehanna Basin (continued)																																	
WEST BRANCH (continued)																	.02	.01				T.				T.				.07		0.35
State College‡	Centre		.18	T.	.02	.01	T.	.04										.12	T.							.T.						1.92
Tamarack Tower[2]	Clinton	T.	.30		T.	1.05	.22	.15	.08									.18	.03						.09								0.87
Wellsboro[2]	Tioga		.16			.29	.10	T.	.02																								0.16
Williamsport[2]	Lycoming		.01		T.	.10	.05																										
JUNIATA																																	0.61
Altoona	Blair			T.	.03		.33	.11									.09	.05							T.							§
Bedford[2]	Bedford				T.								T.											.03						.08		0.24
Breezewood Intch[3]	Bedford			.02	.06	.04		.01									T.															0.29
Buffalo Mills[2]	Bedford				.12													.09	.08												.12		0.34
Burnt Cabins[3]	Huntingdon			.09	.06			.01																.06	T.						.06		0.20
Charter Oak‡	Huntingdon		.11					.03																									0.15
East Waterford[2], 3E.	Perry			T.	.07	.06	.01		.01									T.	T.			T.			T.								0.05
Everett[2]	Bedford				.03	T.			T.									.01							.01								0.37
Huntingdon[2]	Huntingdon		.01	.01	.07	.01	.20	T.	.06									.01	T.														0.52
Lewistown[2]	Mifflin		T.		T.		.51		.01									T.															0.53
Loop Mt. Tower[2]	Huntingdon		.01	.05	.22	.10	.09		.06																								0.53
Mapleton Depot[2]	Huntingdon				.35	.06	.04		.07									.01															0.22
Martinsburg[5]	Blair		.02	.02	.06	.05		.02									T.	T.						T.						.05		0.04
Newport[2]	Perry			T.	T.	.04			T.									T.				T.			T.								0.29
Saxton[2]	Bedford	T.	.01	T.	.25		T.	T.	.03									T.	T.			T.											0.33
Shade Gap‡	Huntingdon							.03																							.30		
LWR SUSQUEHANNA																																	0.46
Arendtsville[2]	Adams				.07	.30			T.									T.							.09						T.		0.24
Bloserville	Cumberland		T.		.09		T.	T.									T.							T.	.15							0.35
Blue Mt. Intchg.[3]	Franklin			.18	.07	.01																								.09		0.09
Carlisle[6]	Cumberland		T.	.02	.07	.12		.05									T.				T.			T.	.15						T.		0.41
Columbia[6]	Lancaster		T.		.21	.02		T.																	.14						T.		0.37
Ephrata	Lancaster				.02			T.																	.11						T.		0.13
Glen Rock‡	York				.08			.03																.08	.15						.63		0.97
Gordon	Schuylkill				.15	.02		.14																	.14								0.45
Hanover[2]	York				.03	.19			.35								T.					T.		10	.13								0.70
Harrisburg Arpt‡[1]	York		T.	T.	.29	.01		.01															T.	.01	T						.44		0.85
Holtwood[2]	Lancaster				T	T.			T.		T.							T.					T.		.29								0.30
Huntsdale[2]	Cumberland				.05	.07	T.		.01															.03	.13						.49		0.26
Kirkwood‡	Lancaster																								.20								§
Lancaster	Lancaster				.03			T.																	.15						T.		0.18
Lebanon[2]	Lebanon					.19			.05																.14								0.38
Manada Gap[6]	Dauphin		T.		.03	.10		.11										T.				T.			.14						T.		0.38
Middletown[3]	Dauphin		T.	T.	.27	.01		.04																10	.02						.48		0.95
Millersburg‡	Dauphin				.02	.02		.03																03							.56		0.66
New Park	York				.03																				.40								0.43
Penn Nursery[2]	Centre		.09		.03	.05	.03	T.	.05									T.															0.25
Peters Mt. Tower[2]	Dauphin		T.	T.	T.	.05	T.		.03									T.	T.			T.			.12								0.20
Pine Grove[2]	Schuylkill				.12	.04			.09																.14								0.39
Ringtown[2]	Schuylkill					.19			.02									T.							.01								0.22
Selinsgrove	Snyder			.02	.30		.52																										0.84
Shippensburg	Cumberland		T.		.03	T.		.01														T.			.08						T.		0.12
Sunbury[2]	N'umberland		T.		T.	.24	.33		T.		T.							T.	T.				T.	T.									0.57
Williamstown[2]	Dauphin																								.16								§§
Woodward[1, 5]	Centre		T.	T.	T.	.02		.04									.01	T.												.58		0.65
York	York				.21	.01		.05																	.17						.02		0.46
York Haven[2]	York					.23			.02																.08								0.33
Potomac Basin																																	
Chambersburg[2]	Franklin			T.	.05	.02			T.									T.							.09						T.		0.16
Gettysburg	Adams				.19	.03		.12																	.12							.11	0.46
Hewitt‡, 2 S.	Bedford			.07				.05										T.				T.			T.								0.23
Hyndman[2]	Bedford		T.		.21	T.		T.	.05																T.								0.26
McConnellsburg[2]	Fulton				.60																				.05								0.60
Mercersburg	Franklin				.38																				.10								0.43
South Mt. San't'm[2]	Franklin			T.	.08	.08			.02																								0.28
GULF DRAINAGE *Ohio Basin* ALLEGHENY																																	
Acmetonia[2]	Allegheny		.38		.42	.13	.30	.07										.12	T.						.02								1.44
Allens Mills‡	Jefferson	.32	.15			.23	.01	.08									.17	.04															1.00
Blairsville[2]	Indiana		.21		T.	T.	.05	.32	T.							T.	T.	.43	.02														1.03
Boswell‡**, 6 W	W'moreland		.07				.01	.26										.23	.01														0.58
Bradford	McKean		.35		.14	.12	.24	.22			.10	.05						.23	.06														1.51
Brookville[5]	Jefferson	.20	T.		T.	.11	.01	.12										.24	.02													.03	0.70
Buckstown‡	Somerset	.01	.04					.04										.12	.10														0.34
Cherry Grove‡	Warren	.33	.07		.13	.98	.16	.19										.14	.03														2.03
Clarion[2]	Clarion		.08		.02	.34	.40	.25										T.	.22														1.31
Corry[6]	Potter		.23			.22		.07		.01	.03							.17	.07						.10								‖0.90
Coudersport[6]	Erie		.37		.08	.02	.34	.09										.14	.07														1.11
Derry	W'moreland		.20		T.	.05		.20										.11	.16														0.81
Donegal	W'moreland		.01		.02	.03		.23										.13	.07														0.49
Dunlo‡	Cambria		.09					.16										.11	.06														0.42
Ebensburg[2]	Cambria		.17		.01		.13	.12	.07										.24														0.74
Ford City[2] §§	Armstrong		.38			.40	.38	.04											.17														1.37
Franklin[2]	Venango		.21			.07	.22	.12				.02						T.	.16						T.	.08							0.88
Glen Hazel[2], 1 NE.	Elk		.66		.02	T.	.06	.06	.02			.03				T.	.06	.12	T.						T.								1.03
Homet‡	Indiana		.60			.30		.10										.15	.04														1.19
Indiana	Indiana		.16			.17		.14										.09	.12														0.68
Johnstown[6]	Cambria		.06		.02	.05	.24	.36										.08	.13														0.94
Kane[3]	McKean		.56	T.	T.	.27	T.	T.			T.							.17	.03						.04								1.07
Laurel Hill Tunnel[3]	W'moreland		.60			.07		.32										.10	.30														1.39
Lyc ppus	W'moreland		.20			.10	T.	.40										.18	.17														1.05
Marienville‡	Forest	.31	.04			.29	.02	.08										.05															0.79
Meadville[2]	Crawford		.57		T.	.22	.27	.80			.01	.08						.21	.12	.13					.06	.05							2.52
Mosgrove[2]	Armstrong		.69			.29	.11	.20	T.										.11							.04							1.40
Parkers Landing[2]	Armstrong		.03				.30	.22											.19							T.							0.78
Pittsburgh Cty Off‡[1]	Allegheny		.15	.01	.17	.12	.12		T.									.13	.03														0.78

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Stations	Counties	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALLEGHENY (continued)																																	
Port Allegany[2]	McKean	.24		.05	.03	.06	.08	T.				T.					.04	.08	.04								.01						0.63
Punxsutawney[2]	Jefferson	.32		03	03	.33	.07	.03										.10	.02														0.93
Putneyville[2] [||]	Armstrong	.43			.04	.10	.09			T.								.05	.01														0.72
Ridgway[2]	Elk	.37					.09										T.	.20															0.66
Saltsburg[2]	Indiana	.13			.18	.19	.16									T.	.01	.22	T.														0.89
Seward[2]	Indiana	.36	.03			.03	.09	.17										.25															0.93
Smethport[‡]	McKean	.36	.02		07	.08		.03				.02					.14	.02															0.74
Strongstown[‡]	Indiana		.55					.26									.33	.05															1.19
Tionesta Dam[‡]	Forest	.29			.10	.58	.17	.12				.03			.04		.10								.02								1.45
Titusville, 2 S.	Crawford	.25			11	.75	.22	.08				.03					.08	.07							.08								1.67
Union City[‡]	Erie	.07			.22	.14	.42	.03			.10	.10					.21	.08							.02								1.30
Vandergrift[3]	Westmoreland		.28		.20	.29	.03	.05										.12															0.97
Warren[2]	Warren	T.	.40		.12	T.	.12	.10	T.		T.	.50	T.					.34	.20	T.						.20	T.						1.98
Youngsville[‡]	Warren	.28			.07	.22	.05	.05									.13	.02															0.82
MONONGAHELA																																	
Confluence[2]	Somerset		.06	.06				.08	.10									.17						.03		.01						0.51
Connellsville[2]	Fayette		.28			.66		.21										.10															1.25
Donora[3]	Washington		.03		.05	T.	T.	.21							.02		.09	.06															0.46
Greensboro[2]	Greene		.13	T.	T.	T.	T.	.10	.15								T.	.16	T.														0.55
Greensburg	Westmoreland		.05		.12	.00	T.	.26									.14	.11							.01		T.						1.68
Irwin	Westmoreland		.13			.18		.26									.10	.09															0.76
Meyersdale[2]	Somerset				.07		.01											.10	.05								.03						0.26
Murrysville[‡]	Westmoreland		.37			.10		.10									.24																0.81
Newell[4]	Fayette		.29			.09	.06	.25	.10								.14		.10	T.			T.										1.03
Pittsburgh Arpt.[‡][1]	Allegheny	.09	T.		15	.07	.18	.05									.14	.03								T.							0.71
Rices Landing[2]	Greene	.35				.30	.11	.15	.06									.16															1.13
Somerset	Somerset	.03					T.	.14									.13	.03					T.		T.								0.83
Springs[6]	Somerset	.04			.01			.05									.20	.02			T.			.01	.01	T.							0.84
Uniontown	Fayette	.07			.21	.01		.34									.22	.01					T.										0.86
Waynesburg	Greene	.15				.16		.38									.15																0.84
BEAVER																																	
Beaver Falls[2]	Beaver	.19		.16		T.	.31											.08	.05														0.79
Butler	Butler	.41		.01	.25	.48											.01	.11	.01						.02								1.30
Greenville	Mercer	.09		.13	.94		.47			.01							.08	.09							.07								1.88
Mercer[5]	Mercer	.06		.21	.51	.10	.02		T.		T.				T.		.14	.08							.06								1.18
New Castle	Lawrence	.11		.08			.40										.12	.23		.01													0.95
Penn Line[2]	Crawford	.27		T.	.21	.08	.40		T.	.05	.17						.19	.11								.10							1.58
Pymatuning Dam[2]	Crawford	.16	.02		.70	.10	.12	.01		.01	.02						.19	.09	.05						.02	.05				T.			1.54
Sharon[2]	Mercer	.02			.30	.09	.18			T.							.03	.38															1.00
OHIO																																	
Claysville[2]	Washington	.17					.18	.40										.14									.05						0.94
Coraopolis[2]	Allegheny				T.	T.	07	.11									T.	.14	.02								.02						0.34
Midland[2]	Beaver	.50					.10	.20									T.	.20	T.														1.02
Mt. Lebanon[6]	Allegheny	.05	T.	.11	.20	.33	.06										.06	.15							T.								0.96
Washington[‡]	Washington	.02			.13	.12											.08	.05															0.40
LAKE DRAINAGE																																	
Erie[‡][1]	Erie	.60			.21	.14	.76	.10		.58	.51					.06	.39	.03															3.38
Raymond[‡]	Potter	.27	.14		.07		.03	.04									.13																0.68

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station: precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. [6] Observation taken at a fixed hour between sunset and 11:00 p.m. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated. ** Boswell was formerly Laurel Hill Summit. §§ Ford City was formerly Crooked Creek Dam. |||| Putneyville was formerly Mahoning Dam.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.58	18	29.75	6	7.4	20	nw.	1	80	....	77	37	137
Harrisburg	30.54	18	29.80	7	6.4	25	n.	17	79	45	55	65	109
Philadelphia	30.49	18	29.82	7	8.5	31	nw.	30	82	46	63	53	49
Philipsburg	30.56	18	29.82	7	7.4	23[a]	w.	9	92	49	75	....	334
Pittsburgh	30.55	18	29.78	6	8.5	29	sw.	6	82	42	53	69	184
Reading	30.51	18	29.82	7	9.2	37	ne.	30	77	44	44‡	64	90
Scranton	30.54	18	29.81	7	5.3	20	nw.	17	85	51†	....	66	157

* For any five-minute period. ** Corrected to true velocities.
† 1:00 p.m. ‡ 4:00 p. m. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	1.5	2.1	8	1.1	13‡	18
Easton	Delaware	0.3	0.8	1	−0.3	29	22
Lehighton	Lehigh	2.3	2.5	2	2.2	20‡	9
Reading	Schuylkill	2.5	2.8	30	2.2	25	13
Wilkes-Barre	N. Br. Susquehanna	1.6	2.9	1	1.0	30	22
Williamsport	W. Br. Susquehanna	−0.1	0.1	1	−0.6	17	20
Newport	Juniata	3.1	3.3	7	2.9	15	22
Harrisburg	Susquehanna	3.0	3.3	3	2.8	28	17
Schenley, (ur) Lock No. 5	Allegheny	11.6	11.8	6	11.4	21	24
Sutersville	Youghiogheny	2.7	3.3	5	2.3	29	20
Charleroi (nr.), Lock No. 4	Monongahela	11.2	11.9	7	10.6	24	30
Pittsburgh	Ohio	*	*		*		25
Midland, Dam No. 7	Ohio	*	*		*		30

* Pool stage. † On other days also.

Daily Temperatures for September, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	94	91	71	68	85	93	87	81	81	74	76	70	73	70	83	83	70	69	74	70	77	81	81	67	65	67	76	84	78	63	....	76.7
	Minimum	62	66	63	63	64	66	67	63	52	52	45	40	39	43	49	53	54	38	36	39	49	53	53	47	38	40	38	41	41	51	....	50.2
Altoona	Maximum	93	88	84	71	80	89	80	80	76	68	69	67	73	76	80	73	64	66	73	74	73	82	74	65	63	66	76	83	81	76	....	75.4
	Minimum	65	67	63	61	64	67	65	54	48	42	41	34	33	43	46	54	46	31	34	42	46	45	47	34	35	29	38	43	44	46	....	46.9
Arendtsville[6]	Maximum	98	93	75	69	89	96	80	86	82	74	80	71	76	79	85	77	70	71	75	72	73	82	81	65	65	72	80	84	80	67	....	78.2
	Minimum	63	67	65	63	67	68	66	60	53	44	43	43	42	43	50	54	55	39	35	44	55	55	54	48	42	37	39	42	48	51	....	51.2
Bethlehem[3]	Maximum	94	91	67	65	84	93	86	80	81	73	74	68	70	67	81	82	68	69	74	70	76	81	82	67	64	68	78	87	77	62	....	76.0
	Minimum	64	67	61	61	63	69	68	60	55	51	46	46	44	46	57	56	48	41	39	49	55	60	57	50	44	41	45	46	56	52	....	53.2
Blue Mt. Interchange[3]	Maximum	99	91	76	67	88	96	84	84	82	78	80	70	78	80	88	78	70	72	76	82	75	85	82	66	64	68	78	86	82	70	....	79.2
	Minimum	66	69	64	63	68	68	60	60	54	48	48	46	44	46	52	54	48	42	34	44	58	52	55	47	39	33	38	56	50	52	....	51.9
Bradford	Maximum	88	87	78	71	74	84	84	76	75	60	60	60	69	74	79	72	60	65	72	70	70	74	72	56	56	58	71	78	81	76	....	71.8
	Minimum	57	57	58	58	67	65	56	37	41	40	39	30	26	34	38	50	44	29	24	35	49	40	36	30	31	22	28	30	41	36	....	40.8
Breezewood Intchg[3]	Maximum	96	90	70	68	86	94	78	86	80	70	74	70	74	76	84	72	64	70	74	78	74	84	78	64	62	66	76	86	84	76	....	76.8
	Minimum	66	64	62	62	66	66	62	46	48	40	40	32	32	48	46	50	40	32	34	48	46	46	52	40	34	28	36	38	40	50	....	46.5
Brookville[5]	Maximum	92	85	75	80	78	87	70	79	69	60	63	64	72	78	77	71	59	64	75	73	74	78	68	60	57	60	72	80	83	83	....	72.9
	Minimum	65	58	55	64	68	66	49	44	41	36	32	29	32	42	44	49	33	31	39	40	46	42	39	34	28	26	29	32	36	41	....	42.0
Burnt Cabins[3]	Maximum	97	83	69	68	86	94	78	83	80	72	74	68	74	72	86	75	66	68	73	78	74	83	80	63	62	67	78	86	73	70	....	76.0
	Minimum	62	62	61	61	65	65	56	47	45	37	35	30	30	32	41	48	42	28	29	43	48	44	44	39	32	24	32	34	49	48	....	43.8
Butler	Maximum	90	94	89	85	90	91	80	77	81	69	69	68	75	77	80	79	72	62	76	75	77	79	80	70	68	70	68	78	81	85	....	77.8
	Minimum	67	67	54	66	55	60	64	45	53	42	43	31	42	46	45	54	45	33	37	31	51	42	42	41	26	26	34	37	41	....	....	45.1
Carlisle[6]	Maximum	95	90	84	75	88	92	85	81	80	82	77	68	72	74	84	82	72	74	74	74	75	80	82	72	67	68	77	83	80	73	....	78.7
	Minimum	63	64	65	63	65	68	66	55	58	43	40	38	33	40	46	50	50	40	32	34	43	45	45	34	35	37	39	50	45	39	....	47.9
Chambersburg[6]	Maximum	99	92	77	70	89	98	81	86	83	76	78	73	79	80	86	78	69	70	75	76	75	85	84	65	69	69	78	85	83	70	....	79.3
	Minimum	65	68	65	63	66	67	64	59	50	42	43	40	36	43	46	53	50	35	35	43	58	50	50	40	30	36	39	41	50	49	....	49.0
Clarion[6]	Maximum	93	90	78	82	81	89	78	80	72	65	65	68	75	79	80	70	61	67	76	75	78	79	80	66	58	62	61	75	82	86	80	75.0
	Minimum	64	64	55	64	65	67	63	48	51	39	41	34	34	40	47	53	51	34	34	41	52	46	44	38	36	30	34	36	39	43	....	46.2
Claysville[2]	Maximum	89	84	85	85	82	87	75	80	69	67	67	68	76	78	79	71	59	65	72	73	75	79	79	65	60	54	63	75	81	82	78	74.1
	Minimum	52	65	57	58	67	65	64	47	47	37	37	34	37	41	41	51	42	32	33	45	46	45	45	35	36	30	34	35	40	40	....	44.6
Coatesville[6]	Maximum	97	90	81	68	89	95	91	79	88	76	79	69	74	74	83	88	72	67	75	74	72	82	83	70	65	69	78	83	77	63	....	78.2
	Minimum	66	72	63	63	65	72	68	64	53	52	46	58	45	48	56	57	55	43	36	49	58	60	57	50	44	40	41	44	48	51	....	80.3
Columbia[6]	Maximum	98	92	84	70	88	98	86	84	86	77	82	74	77	79	87	85	71	71	77	70	77	86	86	72	68	70	81	85	83	64	....	80.3
	Minimum	69	72	63	63	65	72	68	64	53	52	46	58	45	48	54	57	55	43	36	49	58	60	57	50	44	40	41	44	48	51	....	50.2
Corry[6]	Maximum	98	92	84	70	88	98	86	84	86	77	82	74	77	79	87	85	71	71	77	70	77	86	86	72	68	70	81	85	83	64	....	80.3
	Minimum	60	66	64	62	66	67	67	63	51	50	41	39	37	51	50	52	52	35	34	46	52	57	50	49	41	34	37	41	42	49	....	50.2
Coudersport[6]	Maximum	91	79	82	81	75	86	78	78	63	63	61	64	73	78	76	67	57	67	75	71	72	75	73	58	....	....	....	....	....	....	....	72.2[1]
	Minimum	59	65	55	63	66	68	62	47	47	43	51	30	35	48	53	54	45	32	35	40	42	45	40	36	....	....	....	....	....	....	....	48.6[1]
Curwensville[5]	Maximum	91	86	70	70	74	89	73	80	70	65	63	68	73	77	79	70	58	60	73	75	74	82	83	70	72	61	70	84	85	84	....	74.3
	Minimum	59	61	56	60	63	65	61	44	46	38	36	29	30	33	43	46	42	30	29	34	48	41	39	34	30	24	32	36	36	39	....	42.1
Derry	Maximum	85	81	71	68	73	84	66	76	65	59	60	60	67	72	73	65	54	62	68	68	68	74	63	55	53	57	68	76	77	74	....	68 1
	Minimum	67	62	60	59	64	66	51	46	38	40	40	38	38	43	50	47	39	35	40	45	51	49	39	37	34	28	40	46	52	50	....	46.5
Donora[3]	Maximum	94	89	88	89	85	92	73	84	74	71	72	72	80	82	82	75	62	68	77	77	77	82	68	65	58	68	78	84	85	81	....	75.9
	Minimum	72	72	61	72	72	73	60	54	56	45	47	48	48	44	60	60	50	38	42	53	52	51	52	40	43	37	42	46	42	50	....	49 0
Eagles Mere[2]	Maximum	85	83	65	64	73	82	78	76	68	67	64	58	64	66	73	65	56	58	64	65	63	74	64	51	61	58	62	75	75	64	....	52.7
	Minimum	56	63	61	57	57	62	66	54	51	40	40	37	37	38	44	51	46	38	37	43	46	51	52	41	36	32	32	39	50	45	....	67.4
Ebensburg[2]	Maximum	87	80	68	72	79	87	62	76	69	63	63	68	67	77	76	87	60	64	60	75	71	76	68	52	59	59	76	78	80	71	....	46.7
	Minimum	51	65	58	60	65	62	41	45	40	37	30	31	39	47	53	44	29	31	40	41	41	42	37	33	27	32	42	41	42	....	....	71.0
Emporium	Maximum	93	86	74	70	81	89	81	82	73	65	67	66	72	76	80	72	62	67	75	77	77	81	70	60	60	66	75	84	86	80	....	43.5
	Minimum	60	62	67	62	65	65	61	47	47	39	39	31	31	34	42	46	45	30	30	30	47	46	45	36	32	27	31	35	39	42	....	74.9
Ephrata	Maximum	98	93	81	69	89	99	86	84	86	78	79	75	78	79	86	84	69	73	78	71	75	86	84	70	70	71	80	88	82	65	....	43.8
	Minimum	61	66	64	63	66	72	69	63	51	49	42	43	39	43	50	52	57	38	36	45	53	58	49	40	35	36	36	44	51	....	....	80.2
Erie[3]	Maximum	94	74	79	84	80	90	73	73	65	66	59	58	75	78	70	65	57	63	75	69	65	72	63	58	58	59	68	74	69	76	....	50.7
	Minimum	72	66	62	68	70	67	64	61	52	51	45	50	54	60	56	51	45	47	56	55	58	53	46	45	42	50	55	55	58	....	....	70.3
Everett[3]	Maximum	98	90	70	69	88	97	74	86	81	70	73	70	74	78	85	72	66	70	74	78	73	84	80	63	62	66	79	84	84	78	....	55.5
	Minimum	65	51	61	63	67	66	55	45	45	39	34	33	30	36	42	48	34	39	32	31	38	41	42	31	34	27	30	33	36	32	....	42 0
Ford City[6]	Maximum	92	87	81	82	83	89	79	82	72	66	66	66	76	78	80	73	61	65	75	74	76	79	68	82	60	64	74	79	88	79	....	75.9
	Minimum	65	66	54	64	65	75	52	58	52	53	42	32	33	36	48	51	44	32	50	52	58	56	35	37	36	31	31	33	35	40	....	47.2
Franklin[2]	Maximum	91	84	81	81	80	86	75	79	66	65	63	66	74	76	78	69	61	66	74	75	76	79	66	58	61	62	74	81	85	80	....	73.7
	Minimum	54	58	57	57	66	68	64	47	47	42	42	35	36	37	41	52	45	37	34	35	44	47	46	41	36	32	32	34	38	44	....	44.9
Fredericksville[6]	Maximum	91	88	75	66	83	92	86	80	81	72	75	68	72	67	82	82	69	68	72	69	75	80	80	70	63	65	75	83	77	65	....	75.7
	Minimum	57	61	61	61	63	67	63	62	49	48	40	44	39	38	52	48	54	37	33	41	49	56	51	42	33	31	32	41	46	48	....	48.2
Freeland	Maximum	87	86	84	63	74	85	82	73	74	69	66	62	67	63	75	73	62	63	67	67	70	78	72	64	56	61	70	78	76	68	....	71.2
	Minimum	66	65	59	57	60	66	64	57	53	43	49	37	40	45	51	57	49	35	42	48	52	51	54	43	36	33	43	53	55	45	....	50.3
George School[6]	Maximum	93	89	73	69	87	94	90	75	85	75	79	71	74	72	82	86	72	68	71	69	74	77	84	57	51	45	39	41	42	50	51	77.5
	Minimum	66	66	62	64	65	68	67	65	53	53	48	44	45	43	59	56	53	41	36	45	60	59	61	57	51	45	39	41	42	50	51	53.1
Gettysburg	Maximum	98	95	85	68	87	94	91	81	82	80	77	75	74	75	85	88	74	66	74	72	70	79	81	80	64	67	80	88	85	80	....	79.5
	Minimum	65	69	68	64	68	71	69	62	53	48	44	45	40	43	49	55	56	40	36	45	60	59	47	48	41	35	38	40	38	50	....	51.5
Gordon	Maximum	92	88	80	65	82	90	89	79	78	69	71	65	73	71	80	78	67	66	72	72	73	81	76	72	61	65	76	81	79	70	....	75.4
	Minimum	57	62	63	62	63	69	67	55	46	40	36	32	31	37	41	45	47	31	30	38	45	45	43	44	32	27	31	34	38	41	....	44.5
Greensburg	Maximum	90	88	84	84	82	88	87	80	78	67	66	67	76	78	78	74	69	66	75	73	73	78	74	60	58	64	74	80	82	77	....	75.7
	Minimum	62	64	52	63	64	63	61	42	44	35	35	28	30	34	45	45	41	28	29	39	40	40	42	32	32	26	26	31	34	37	....	41 5
Hanover[2]	Maximum	95	86	69	69	88	94	82	79	82	71	76	76	75	75	84	79	66	67	74	65	72	81	83	65	61	67	77	82	80	62	....	76.2
	Minimum	63	70	68	64	64	70	70	63	57	50	48	47	41	46	49	52	57	41	42	44	56	59	56	51	45	37	39	44	49	50	....	53 1
Harrisburg[3]	Maximum	97	90	74	68	89	95	81	83	84	72	76	68	73	73	85	80	67	69	75	73	75	82	81	63	62	67	79	84	80	67	....	77.1
	Minimum	66	71	65	64	68	71	65	61	55	50	46	42	40	45	52	55	52	42	37	47	54	56	54	52	43	36	41	44	46	51	....	52 4
Hawley[6]	Maximum	92	88	73	69	74	91	84	76	77	71	72	65	68	71	80	73	67	64	72	70	71	78	76	64	61	62	72	80	74	63	....	73.3
	Minimum	57	64	58	60	64	67	64	56	47	41	38	33	33	34	56	46	47	30	30	34	42	45	44	40	30	27	29	32	38	38	....	44.1
Holtwood[3]	Maximum	95	87	74	73	88	93	82	82	84	73	77	71	78	77	84	82	68	64	73	70	73	80	81	64	64	67	81	83	80	63	....	77.0
	Minimum	68	70	68	67	71	75	70	63	60	57	54	54	49	52	59	61	55	48	46	54	62	62	59	54	50	46	48	52	56	54	....	58.1
Huntingdon	Maximum	99	92	78	69	86	96	87	84	81	71	72	69	76	78	84	79	75	64	69	77	79	76	83	78	64	65	68	80	85	84	78	78.2
	Minimum	64	65	60	63	67	69	66	49	47	38	36	32	33	36	43	48	44	31	39	47	45	40	34	28	30	33	37	43	....	....	....	44 8
Indiana	Maximum	90	90	85	79	78	90	90	79	79	67	66	67	75	80	79	78	69	65	75	73	73	77	76	62	59	62	74	80	82	80	....	76 0
	Minimum	65	67	59	63	67	66	62	48	49	38	40	34	39	47	49	52	44	32	43	52	48	48	44	34	37	28	36	41	47	50	....	47.6
Irwin	Maximum	91	90	86	85	88	88	88	81	80	67	67	66	79	80	80	79	72	65	72	75	74	79	79	63	60	65	75	81	85	85	....	77 3
	Minimum	67	68	54	65	66	67	60	45	50	40	40	30	35	39	51	53	42	30	33	45	43	42	43	34	35	28	35	38	37	42	....	45.2
Johnstown[6]	Maximum	92	84	73	77	83	91	77	80	71	65	66	69	75	80	78	71	61	67	74	73	75	78	70	59	57	62	75	81	83	77	....	74.1
	Minimum	66	69	58	60	62	66	62	45	48	43	39	33	35	40	49	52	45	33	32	44	45	47	47	37	36	29	33	36	40	45	....	45.9
Kane	Maximum	88	79	74	75	75	85	72	76	61	60	59	60	69	69	74	62	55	63	72	71	73	75	64	55	55	59	71	79	80	75	....	69.5
	Minimum	58	62	48	61	65	68	57	38	44	35	36	26	24	31	40	48	42	22	27	33	46	37	34	31	27	18	26	29	33	36	....	39.4
Lancaster	Maximum	94	94	88	71	87	93	90	83	83	81	79	78	73	75	84	84	74	70	73	72	75	82	82	79	70	67	77	81	79	76	....	79 8
	Minimum	60	64	65	64	67	67	68	61	50	49	41	40	36	40	50	50	55	38	34	43	53	58	49	49	39	33	35	40	40	51	....	49.6
Lawrenceville	Maximum	94	86	79	74	76	90	82	80	77	67	69	64	72	75	83	73	66	67	76	79	70	82	72	64	57	65	77	85	84	74	....	75.8
	Minimum	61	64	61	63	65	67	67	56	50	40	41	33	35	39	47	51	46	37	33	38	54	47	47	36	35	26	31	38	41	44	....	46.3
Lebanon[2]	Maximum	98	91	70	68	87	96	82	83	85	73	77	69	76	77	85	81	69	70	75	72	78	84	83	65	66	69	80	86	80	65	....	78.6
	Minimum	62	69	66	63	63	66	70	61	52	48	43	42	38	44	49	52	58	42	38	46	53	57	52	49	40	33	39	42	45	52	....	51.1
Lewistown[2]	Maximum	98	92	70	70	82	94	76	83	80	71	72	67	73	75	84	75	67	67	75	76	74	83	78	65	62	67	79	84	82	73	....	76 5
	Minimum	52	65	65	53	63	69	68	50	50	43	40	35	35	36	44	46	51	33	34	35	45	48	48	43	36	28	30	35	37	39	....	45 2
Lock Haven[6]	Maximum	97	91	80	69	84	95	77	86	78	72	74	70	76	78	84	78	75	72	77	78	84	88	75	65	62	69	80	86	82	77	....	78.1
	Minimum	61	64	61	63	66	68	63	49	50	40	41	37	36	40	47	53	50	33	35	39	48	51	49	41	38	29	35	37	42	46	....	47 2
Marcus Hook[3]	Maximum	94	94	73	72	88	97	96	80	87	78	81	73	72	74	85	92	71	70	76	73	72	76	81	71	67	68	79	82	74	63	....	78 6
	Minimum	71	71	65	66	67	72	72	67	63	58	56	51	49	56	62	65	55	47	47	57	61	63	61	55	48	45	54	53	58	51	....	58.9

Continued on page 68.

Daily Temperatures for September, 1943 Continued from page 67

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Martinsburg[3]	Maximum	90	84	68	67	80	90	71	78	73	65	66	65	72	75	79	69	60	65	71	74	71	79	76	59	59	62	76	80	79	73	....	72.5
	Minimum	69	64	62	61	67	67	52	49	45	43	42	35	36	48	49	51	40	38	36	49	47	45	46	41	37	31	40	43	44	51	....	47.4
Mauch Chunk	Maximum	87	86	77	64	....	86	86	75	77	77	72	63	67	66	78	79	66	64	67	67	73	76	77	75	61	..	70	78	74	72	....	73.6[b]
	Minimum	53	58	61	60	....	63	61	58	....	43	36	35	31	34	46	14	50	33	28	35	47	45	46	42	37	..	30	32	37	46	....	44.1[c]
Meadville[2]	Maximum	93	81	82	83	78	87	76	78	65	65	68	64	74	76	78	79	76	68	74	74	77	78	65	59	59	64	74	80	83	78	....	74.4
	Minimum	54	59	53	56	61	67	59	46	46	45	40	34	35	11	48	51	44	35	34	38	45	45	42	39	32	29	31	33	37	40	....	44.0
Mercer[5]	Maximum	91	80	83	80	79	88	74	77	62	65	61	64	73	73	76	66	58	63	72	73	74	75	63	56	56	61	71	77	80	77	....	71.6
	Minimum	68	59	52	65	66	67	49	48	46	41	38	32	41	48	46	46	38	32	41	47	46	51	43	34	31	27	43	47	48	53	....	46.4
Middletown[3]	Maximum	102	92	79	68	88	94	86	81	83	72	76	69	74	74	84	80	68	67	74	70	75	82	81	69	64	67	78	83	81	65	....	77.5
	Minimum	66	68	65	63	67	70	64	58	55	47	45	40	38	44	50	58	48	38	36	46	53	56	51	46	41	37	38	41	47	50	....	50.7
Midland[3]	Maximum	93	85	85	82	86	89	75	81	67	69	66	65	76	77	77	70	60	64	72	70	76	78	66	60	58	62	72	76	79	78	....	73.8
	Minimum	64	69	60	68	67	68	57	51	51	51	44	39	44	48	53	53	45	39	42	50	56	51	50	48	42	36	42	40	45	49	....	50.6
Montrose[2]	Maximum	89	82	72	64	73	85	74	77	73	64	65	59	69	70	77	66	58	62	70	70	66	79	68	58	55	60	72	80	79	65	....	70.0
	Minimum	60	65	61	58	58	62	66	55	58	42	44	38	34	39	51	53	47	32	35	43	45	48	48	41	33	31	31	43	50	42	....	46.9
Mt. Lebanon[6]	Maximum	92	84	84	83	82	90	73	81	72	67	68	65	75	80	81	73	61	64	73	74	75	81	65	62	56	65	76	81	80	77	....	74.7
	Minimum	69	69	61	67	67	69	59	58	50	41	45	41	44	46	56	55	44	33	42	51	61	48	52	..	..	..	44	45	46	52	....	52.4[c]
Mt. Pocono[3]	Maximum	86	83	66	63	70	83	78	73	72	65	65	59	67	61	76	73	61	64	66	64	70	76	70	59	57	59	70	78	73	58	....	68.8
	Minimum	60	66	57	57	61	66	60	52	44	42	39	34	33	39	50	48	39	31	35	41	48	50	53	41	35	32	36	38	48	44	....	46.0
New Castle	Maximum	90	87	86	86	86	88	90	81	79	67	68	67	76	77	80	80	65	67	70	76	78	80	78	66	64	64	74	82	84	82	....	77.3
	Minimum	69	64	54	67	68	69	60	49	53	42	45	32	37	43	49	56	45	37	35	46	53	46	45	42	35	30	35	36	40	43	....	47.5
Palmerton[3]	Maximum	92	89	72	66	81	90	84	79	80	71	74	67	71	67	82	80	67	68	73	70	78	82	80	66	62	65	77	85	78	65	....	75.4
	Minimum	61	67	63	62	64	71	66	58	51	47	42	38	36	43	51	49	47	37	35	44	52	55	50	45	35	34	35	39	43	50	....	49.0
Park Place[3]	Maximum	86	82	64	61	75	84	75	73	73	65	65	59	65	64	76	71	59	62	65	65	69	73	71	58	54	59	69	76	74	60	....	68.4
	Minimum	67	63	58	57	61	67	58	58	48	43	43	41	40	44	54	59	40	38	44	48	51	51	47	40	36	34	47	61	49	45	....	49.7
Philadelphia Airport Station[3]	Maximum	95	91	69	71	88	94	92	80	86	76	80	70	73	72	82	87	71	66	74	69	71	76	84	69	65	68	76	82	75	60	....	77.1
	Minimum	68	69	63	65	66	70	70	60	56	58	53	49	48	53	61	59	52	45	43	48	61	60	60	52	45	43	46	48	50	52	....	55.8
City Office[3]	Maximum	92	90	69	70	87	93	92	80	85	77	80	73	73	72	83	85	73	67	74	68	71	74	83	68	67	67	75	82	74	60	....	76.8
	Minimum	70	69	64	65	66	71	72	66	63	58	59	54	53	57	63	64	53	48	51	56	61	62	61	55	50	46	51	56	58	53	....	59.2
Franklin Institute[2]	Maximum	93	90	68	71	88	94	94	80	86	75	79	70	72	70	83	87	73	68	74	69	71	75	83	66	63	66	76	82	73	66	....	76.8
	Minimum	69	71	64	62	65	66	72	67	63	56	56	51	51	54	60	62	62	45	48	47	60	61	60	52	46	43	43	53	58	50	....	57.2
Shawmont	Maximum	93	93	92	69	88	94	93	82	85	84	79	78	72	71	83	87	82	70	75	70	72	80	82	80	66	69	77	82	82	74	....	80.1
	Minimum	65	67	63	65	67	70	69	66	54	55	49	45	43	47	60	60	59	42	41	49	59	61	58	58	43	41	41	46	49	52	....	54.8
Philipsburg[3]	Maximum	89	84	67	65	75	85	70	75	72	63	64	62	68	70	76	68	58	63	69	71	71	77	70	61	56	60	72	79	77	72	....	70.3
	Minimum	70	55	55	59	63	64	49	45	41	34	32	22	30	46	44	48	28	21	28	41	38	38	40	27	25	18	26	30	31	43	....	39.7
Phoenixville	Maximum	99	95	88	70	94	100	100	89	82	85	90	77	77	80	84	95	77	72	70	74	71	82	89	79	64	78	85	83	77	70	....	82.5
	Minimum	60	68	64	65	67	69	67	64	48	50	42	36	33	39	59	51	57	40	32	43	58	62	53	50	38	32	33	40	40	53	....	50.4
Pittsburgh Arpt Sta.[3]	Maximum	93	85	82	86	82	88	72	80	69	66	67	65	74	78	79	70	57	63	73	73	74	78	65	60	56	62	75	81	81	76	....	73.7
	Minimum	70	70	63	67	68	69	60	51	50	43	48	44	48	51	58	51	46	41	47	54	54	51	49	43	42	42	43	50	51	54	....	52.6
Pittsburgh City Office[3]	Maximum	93	86	84	84	83	90	74	82	71	68	67	67	75	79	80	72	58	64	73	75	76	81	67	61	58	65	75	81	82	78	....	75.0
	Minimum	74	70	64	70	70	73	62	57	52	50	48	43	47	52	60	52	48	41	43	58	56	53	52	46	45	42	44	48	49	52	....	53.9
Port Clinton[2]	Maximum	93	89	69	67	84	93	88	80	81	72	74	66	62	73	82	80	67	68	72	68	76	82	78	65	63	74	74	83	78	66	....	75.6
	Minimum	59	63	63	62	63	64	64	60	49	44	38	37	33	43	50	47	54	33	31	36	50	53	46	43	36	32	32	32	32	46	....	46.5
Putneyville[6]	Maximum	92	87	79	80	....	89	81	81	79	65	67	66	74	79	79	69	62	65	74	74	76	79	70	64	62	64	72	80	84	77	....	74.8[a]
	Minimum	70	72	61	69	70	....	67	54	53	45	47	40	47	56	53	58	46	39	48	50	56	52	48	43	42	38	47	45	49	50	....	52.2[a]
Pymatuning Dam[2]	Maximum	93	80	84	81	77	87	75	78	65	66	61	62	74	75	77	67	58	63	73	74	74	78	64	58	57	63	73	80	80	78	....	72.5
	Minimum	58	58	48	58	65	66	58	45	44	42	40	29	37	41	46	52	41	31	36	42	43	44	39	38	31	27	32	36	39	41	....	43.6
Quakertown	Maximum	90	91	84	..	..	..	87	76	82	74	77	71	71	68	80	84	70	74	73	70	76	77	80	76	64	63	74	80	74	67	....	76.0[c]
	Minimum	57	63	60	..	..	..	62	51	47	50	40	39	32	37	55	48	53	35	30	40	52	56	50	43	39	36	31	35	40	48	....	45.9
Reading[3]	Maximum	96	91	72	68	87	95	87	82	84	75	77	71	73	71	88	83	70	69	74	70	76	83	82	67	65	67	78	86	80	63	....	77.5
	Minimum	70	72	64	64	65	72	68	62	57	53	48	46	43	47	55	58	51	44	39	50	57	61	56	51	43	41	45	47	50	52	....	54.4
Ridgway[2]	Maximum	94	86	71	85	78	90	74	81	74	65	66	65	74	79	79	70	61	67	76	75	76	80	69	62	60	63	74	84	85	79	....	74.7
	Minimum	50	62	55	48	59	63	64	43	43	37	36	31	29	29	30	42	45	30	28	28	37	42	40	36	33	26	26	28	32	37	....	39.6
Scranton[3]	Maximum	91	88	69	69	79	89	79	79	77	69	70	63	73	72	78	69	63	65	74	71	71	80	72	61	59	62	73	81	78	66	....	73.0
	Minimum	64	69	63	63	65	70	66	58	53	48	43	39	39	43	52	53	44	35	37	45	49	50	50	46	38	34	35	42	52	51	....	49.9
Selinsgrove	Maximum	95	95	78	70	82	90	88	87	88	85	78	74	73	74	82	74	66	73	74	74	76	81	80	71	63	67	78	83	83	79	....	78.7
	Minimum	61	60	62	63	66	70	55	53	55	42	36	35	36	36	49	49	53	35	33	43	48	47	47	44	34	29	33	36	40	39	....	46.3
Sharon	Maximum	100	99	90	90	78	92	92	84	76	71	71	70	82	82	84	84	69	67	69	76	79	83	83	66	61	67	77	85	85	85	....	79.9
	Minimum	80	68	59	72	72	73	62	55	55	47	51	38	44	56	56	53	49	39	37	50	55	53	39	45	40	35	38	42	47	49	....	52.0
Somerset	Maximum	88	84	77	78	82	90	87	79	75	65	62	70	73	81	77	73	63	68	71	75	78	78	72	56	58	62	75	81	81	75	....	74.3
	Minimum	63	65	51	61	63	57	61	38	41	34	32	27	33	35	40	44	38	28	31	39	39	39	40	31	30	24	29	34	32	38	....	40.6
Springs[6]	Maximum	85	80	68	73	82	86	70	74	68	61	66	68	68	77	74	62	54	64	66	71	67	75	70	53	53	59	71	77	77	72	....	69.7
	Minimum	57	61	54	60	58	62	58	42	37	35	33	31	32	38	41	46	43	28	32	39	40	40	43	38	32	27	30	35	38	41	....	41.5
State College[3]	Maximum	92	89	70	68	82	91	78	81	75	67	67	63	71	73	79	71	63	66	72	74	73	79	74	60	58	62	75	81	80	71	....	73.5
	Minimum	70	68	62	63	67	69	58	52	49	44	43	36	38	50	49	57	46	33	37	49	49	47	51	41	37	31	39	44	44	51	....	49.1
Stroudsburg	Maximum	92	92	90	71	82	89	90	81	81	82	75	73	73	74	82	83	72	71	73	70	73	81	82	80	68	68	78	85	85	78	....	79.3
	Minimum	58	64	63	63	66	68	65	60	49	44	41	37	36	38	56	48	52	34	32	39	47	52	48	45	35	31	32	35	40	45	....	47.4
Tamarack[2]	Maximum	85	80	68	72	69	81	68	74	69	62	62	58	63	67	74	65	53	59	67	67	66	73	66	54	51	60	69	76	72	72	....	67.4
	Minimum	55	64	59	58	58	66	65	50	50	41	40	36	36	37	44	52	45	35	35	40	47	50	48	38	35	32	33	41	47	48	....	46.2
Towanda	Maximum	93	90	73	69	78	92	88	83	79	68	71	65	73	78	83	74	62	68	78	78	78	69	83	75	65	60	67	78	86	82	70	....	75.9
	Minimum	61	61	62	64	63	69	65	50	46	40	39	33	35	35	44	49	49	38	31	36	54	46	45	40	35	30	28	32	43	39	....	45.4
Uniontown	Maximum	90	83	83	85	84	89	85	79	73	66	69	69	77	78	80	77	68	65	73	73	74	79	75	61	59	63	74	79	82	78	....	75.7
	Minimum	67	71	61	70	71	70	64	49	53	44	46	41	52	53	56	57	49	39	42	51	50	48	52	41	42	35	38	41	43	52	....	51.6
Vandergrift [3]	Maximum	96	90	85	84	84	94	75	84	74	69	69	69	79	83	81	75	62	68	78	76	78	76	78	80	65	70	77	82	86	81	....	78.3
	Minimum	72	70	59	67	69	71	59	52	52	43	46	34	38	41	52	55	45	35	36	47	50	52	48	42	34	42	34	37	41	44	....	48.9
Warren	Maximum	94	84	82	81	80	89	81	81	72	65	65	67	74	79	79	69	59	68	77	76	75	79	70	57	60	64	74	83	85	81	....	75.0
	Minimum	64	64	58	63	65	67	62	47	48	42	45	36	36	42	47	54	46	45	32	39	41	48	45	39	36	34	33	37	44	44	....	46.8
Waynesburg	Maximum	91	87	82	86	81	91	86	81	77	66	70	71	80	80	80	80	68	69	67	71	74	73	81	78	63	60	66	76	83	84	80	....	77.1
	Minimum	66	69	59	66	68	67	60	47	51	37	41	37	35	39	50	54	44	32	36	47	47	44	45	35	38	31	33	37	40	42	....	46.6
Wellsboro[2]	Maximum	91	87	74	69	72	87	74	81	73	65	68	69	71	74	80	71	58	68	73	74	69	80	72	55	56	63	73	84	82	73	....	72.9
	Minimum	51	62	56	60	61	66	66	45	44	35	35	30	32	34	37	44	45	28	28	30	35	43	39	32	32	22	20	28	30	38	....	40.3
West Chester	Maximum	94	90	83	68	87	94	93	79	84	74	79	73	74	73	84	87	72	69	74	70	73	80	84	74	70	65	78	85	76	66	....	78.4
	Minimum	64	68	62	62	64	68	72	58	53	51	48	47	45	48	55	57	57	43	41	49	58	59	56	50	43	37	40	46	53	50	....	53.5
Wilkes-Barre[5]	Maximum	92	89	71	68	79	91	80	82	80	70	72	66	74	72	81	71	67	68	74	72	78	82	75	64	61	67	75	83	81	67	....	74.9
	Minimum	61	60	65	62	65	68	61	54	50	43	41	38	38	41	49	50	40	36	34	44	48	48	48	42	35	30	34	38	44	50	....	47.2
Williamsport	Maximum	95	91	85	85	81	91	88	91	80	72	78	67	73	73	84	76	70	78	75	75	75	83	77	67	62	69	78	84	82	75	....	78.5
	Minimum	63	62	62	62	65	68	70	52	48	41	43	35	36	40	49	51	48	37	34	40	46	47	47	43	35	31	33	37	41	45	....	47.0
Woodward[5]	Maximum	86	82	67	63	73	85	69	74	70	63	63	56	66	68	76	69	55	62	68	70	68	74	69	55	52	59	71	77	77	69	....	68.5
	Minimum	68	61	58	58	63	68	55	53	44	42	42	39	40	44	50	50	40	36	45	49	52	52	45	40	36	31	45	54	52	46	....	48.6
York	Maximum	97	96	86	70	90	97	93	84	85	83	80	76	77	79	86	84	75	71	75	73	74	85	84	81	66	70	80	86	86	79	....	81.6
	Minimum	62	65	67	64	69	70	68	59	50	45	42	37	34	40	47	52	54	35	34	46	56	59	48	49	37	29	35	40	40	50	....	49.4

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [6] At a fixed hour between sunset and 11:00 p. m.
[a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

Daily Evaporation(inches) and Wind Movement(miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Pymatuning Dam.. (a. m.)	Evaporation	.085	.225	.199	.160	.088	.026	.146	.179	.126	.093	.046	.142	.113	.137	.062	.123	.090	.089	.117	.072	.046	.076	.079	.071	.078	.018	.050	.091	.099	.076	....	3.002
	Wind movement	25	32	23	41	42	18	34	20	24	33	17	21	33	41	21	24	31	9	28	17	17	15	19	18	12	17	11	25	13	14	....	695
Shaver Creek..... (p. m.)	Evaporation	.204	.136	.022	.088	.030	.100	.110	.088	.200	.124	.124	.156	.156	.144	.158	.100	.054	.102	.146	.106	.084	.078	.174	.136	.116	.132	.118	.094	.128	.164	...	3.572
	Wind movement	7	6	5	1	4	5	12	5	28	26	31	14	8	6	14	15	35	6	8	2	1	1	21	24	10	29	11	1	3	18	...	357
Wallenpaupack.. ... (a. m.)	Evaporation	.158	.222	.122	.016	.064	.012	.139	.008	.180	.012	.252	.228	.036	.137	.104	.149	.060	.087	.114	.127	.083	.074	.118	.147	.106	.127	.146	.172	.117	.130	...	3.442
	Wind movement	70	88	40	30	22	34	54	28	15	36	61	35	36	25	27	63	55	72	16	42	81	13	15	57	53	64	92	76	20	32	....	1852

57.05
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. OCTOBER, 1943. No. 10.

GENERAL SUMMARY.

The average temperature for the State was again well below normal, and the average daily deficiency, accumulated for the year, increased to 0.3°. Excepting 1940, this was the coolest October since 1925, but the absolute extremes for the month were not approached. Freezing temperatures had been recorded at all but a few stations as the month closed.

Precipitation was considerably above normal, reducing the accumulated deficiency for the year to 1.98 inches. Rain was general on the first two days of the month, greatest amounts falling in the east portion. A period of dry weather followed, but after the 13th, precipitation was reported by all stations on more than 60 per cent of the remaining days. Excessive rainfall was reported in the storm of the 15-16th and, more generally, in the storm of the 25-26th. The first storm produced greatest 24-hour measurements at western stations while eastern stations were most affected by the latter. Light snow was general on the 18th north and west of the mountains. Sleet and hail were reported by scattered stations. Thunderstorms were reported, generally, on the 16th and, at some points, on the 22d.

A small tornado passed over the Lake Wallenpaupack section on the 16th. The track, about eight miles long, was mainly over a wooded area so that comparatively minor damage resulted.

The October rainfall was 61 per cent higher than the total for the two preceding months. The drought was broken. Wells and springs were replenished. Winter grains were materially aided. Pastures were revived in many localities although, with the season so far advanced, they will provide little feed for livestock. In some places, the harvesting of late crops was retarded by too much rain. Forest fires had been kept at a minimum during the early autumn, although they were a constant and growing threat. This threat materialized during the second week, when several hundred persistent fires broke out suddenly. They were brought under control and further danger was eliminated by the drenching rains during the latter part of the month.

G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 76 stations was 50.1°, which is 2.5° below the 56-year normal for October. The highest monthly mean was 56.8° at Marcus Hook, and the lowest was 43.8° at Kane. Extremes ranged from a maximum of 89° at Phoenixville, on the 7th, to a minimum of 17° at Black Moshannon Airport, on the 6th.

PRECIPITATION.

The average precipitation for the State as deduced from the observations at 203 stations was 5.63 inches, which is 2.35 inches above the 56-year normal for October. The greatest monthly amount was 10.68 inches at Pine Grove, while the least was 2.15 inches at Lake Lynn. The greatest amount for any 24 consecutive hours was 3.73 inches at New Park on the 25-26th.

The average snowfall for the State was 0.3 inch, which is 0.1 inch above the 56-year normal. The greatest monthly snowfall was 8.2 inches at Erie. The greatest fall for any observational day was 5.3 inches at Erie, on the 17th.

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	46.3	74	19	4.02	T	16	9	6	16
1889	47.3	83	13	3.85	0.2	10	8	9	14
1890	50.9	81	21	5.87	0.3	15	6	8	17
1891	50.6	91	15	3.06	T.	8	11	9	11
1892	50.8	83	16	0.72	T.	6	13	11	7
1893	53.0	91	17	3.26	T.	8	14	8	9
1894	53.6	88	24	4.26	T.	9	12	8	11
1895	47.3	76	17	1.99	0.3	5	17	8	6
1896	48.9	86	18	3.19	T.	9	11	8	12
1897	54.2	95	16	1.32	T.	5	14	8	9
1898	53.8	92	20	5.20	T.	12	11	7	13
1899	54.6	94	15	1.55	0	6	13	8	10
1900	58.6	95	19	2.74	0	8	11	9	11
1901	52.2	83	20	1.23	T.	5	16	10	5
1902	53.1	89	19	4.64	0.1	9	12	9	10
1903	53.4	91	20	4.64	0.1	9	12	8	11
1904	50.6	91	12	2.87	T.	7	15	8	8
1905	53.2	90	16	4.23	T.	9	14	7	10
1906	52.0	87	14	4.46	1.1	14	7	7	17
1907	48.2	87	13	3.16	T.	7	16	8	7
1908	54.6	93	19	1.95	T.	6	16	7	8
1909	48.4	87	15	2.27	T.	7	13	7	11
1910	55.6	91	14	1.91	0.5	7	16	8	7
1911	52.3	83	18	4.83	T.	11	11	7	13
1912	54.2	90	23	2.74	T.	7	15	7	9
1913	54.9	88	16	5.44	0.2	13	10	6	15
1914	56.4	91	11	2.35	T.	9	11	9	11
1915	54.2	85	17	2.65	T.	8	15	7	9
1916	52.1	92	16	2.25	T.	6	18	7	6
1917	47.2	84	12	6.38	1.7	13	10	10	11
1918	55.5	85	19	3.17	0	10	15	8	8
1919	57.5	92	21	4.77	0	17	9	8	14
1920	57.5	88	22	1.67	T.	5	19	7	5
1921	52.6	84	18	2.16	0	8	17	7	7
1922	54.8	94	12	2.51	T.	7	18	6	7
1923	51.0	87	12	2.38	T.	8	15	8	8
1924	52.9	87	14	0.28	0	2	21	7	3
1925	46.1	83	9	4.83	3.8	15	6	8	17
1926	51.9	90	16	4.51	0.2	14	10	9	12
1927	55.6	99	21	6.40	0.1	9	17	5	9
1928	55.1	91	15	1.78	0.1	8	14	8	9
1929	50.6	85	14	5.59	T.	9	12	8	11
1930	50.8	93	9	0.99	0.2	6	15	7	9
1931	55.7	93	20	1.83	T.	9	15	8	8
1932	53.8	86	20	5.31	T.	11	10	7	14
1933	51.6	90	11	1.91	T	8	16	9	6
1934	51.8	84	11	1.46	0.6	6	17	7	7
1935	53.0	89	16	2.77	T.	9	16	8	7
1936	54.0	87	11	3.69	T.	11	13	6	12
1937	50.6	89	12	5.84	0.1	14	8	8	15
1938	54.5	91	16	1.81	T.	6	18	6	7
1939	53.6	92	15	3.88	T.	11	13	7	11
1940	50.0	85	10	2.03	1.1	8	12	8	11
1941	57.0	100	19	2.77	T.	13	9	9	13
1942	53.9	88	15	4.51	0.1	12	13	7	11
1943	50.1	89	17	5.63	0.3	13	11	5	16
Period	52.6	100	9	3.28	0.2	9	13	8	10

Climatological Data for October, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	52.5	−0.7	82	8	30	11	7.64	+4.09	2.00	26	0	15	17	3	11	s.	Allent'n-Bethlehem Gas Co.
Altoona-5 W	Blair	1,615	56	50.0	−2.1	81	8	29	6†	3.88	+0.69	0.73	15-16	0	14	12	7	12	w.	City of Altoona.
Bethlehem	Northampton	390	2	49.0	.....	80	8†	25	5	6.06	.....	1 53	15	0	9	16	2	13	sw.	Lehigh University.
Burnt Cabins-2 E	Huntingdon	473	74	52 4	−0.7	81	8	28	11	7.32	+3.93	2.67	25-26	0	11	16	1	14	nw.	Penna. Turnpike Comm.
Carlisle	Cumberland	600	46	52.7	−0.6	82	8†	30	5†	4.62	+1.55	1.61	15-16	0	12	14	4	13	ne.	Clarence E. Miller.
Chambersburg	Franklin	600	46	52.7	−0.6	82	8†	30	5†	4.62	+1.55	1.61	15-16	0	12	14	4	13	ne.	William B Spear.
Coatesville	Chester	431	56	53.0	−1.0	83	8	28	11	7.62	+3.26	2.35	26	0	11	10	3	18	nw.	Howard L. Pyle.
Curwensville-6 NW	Clearfield	2, 215	1	45 6	.....	74	8	27	31	3.72	.....	1.02	16	5.0	15	11	6	14	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2, 020	2	46.0	.....	77	7†	29	20	9.05	.....	2.29	16	1.0	14	11	3	17	n.	Carl E. Bigger.
Emporium	Cameron	1, 033	57	48.6	−1.5	82	8	23	11	3.28‖	+0 05	0.69	26-27	T.	14	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	46	53.5	−1.3	84	8	30	11	7.12	+4.02	2.87	25-26	T.	12	13	3	15	s.	Ira J. Keath.
Everett-1 SW	Bedford	1, 020	21	49 4	−2.6	81	8	27	7	4.19	+1.53	1.01	14-15	0	12	10	6	15	nw.	Penna. Turnpike Comm.
Freeland	Luzerne	1, 970	50	48.2	+0.5	75	8	30	11	9 84	+5.55	2.60	26-27	T.	15	9	2	20	n.	Andrew B. Evansha.
George School	Bucks	184	37	53.6	−1.8	82	8	30	12	6.28	+2.58	2 41	25-26	0	11	13	3	15	nw.	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	54.0	+0.5	82	8†	30	11	5.95	+2.55	2.48	25-26	0	9	13	2	16	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	49.5	−1 3	79	8	25	6†	10. 11	+5.79	2.25	16	0	13	14	1	16	e.	Miss Sallie M. Johnson
Hanover	York	600	39	53.0	−3.2	80	7	34	31	8.03	+5.09	2 15	25-26	0	12	13	2	16	s.	Evening Sun.
Harrisburg Airport	York	351	74	53.5	−1.3	84	8	35	11	6.82	+3 89	2.62	25-26	0	10	12	4	15	w	U. S. Weather Bureau.
Hawley	Wayne	900	25	49.2	−0.1	79	8	20	11	6.38	+3.02	2.70	26-27	0	12	10	6	15	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	28	54.6	−1.8	79	8†	37	31	6.67	+3.86	1.62	26-27	0	12	12	4	15	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	56	51.2	−1.5	82	7†	26	31	3.68	+0.61	0.74	14-15	0	13	6	6	19	e.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	52.1	−1.5	78	9	28	31	7.46	+4.37	2.54	25-26	0	15	16	5	10	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	49.5	−1.0	82	8	25	11	5.60	+2.77	1 28	15-16	0	12	10	6	15	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	53.0	−0.7	83	8	29	31	8.84	+5.45	1.82	26-27	0	14	16	7	8	nw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	5	.....	.....	81*	8	21	6	6.32‖	.....	1.43	26	0	13	13	5	13	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	53	51.3	−2.2	83	8	29	11	7.41	+4 28	1.65	26-27	0	15	12	4	15	e.	William R. Kelley.
Marcus Hook	Delaware	12	17	56.8	−2.7	82	9	39	11	6.31	+3.39	1.67	26-27	0	12	17	3	11	s.	Sun Oil Co.
Martinsburg	Blair	1, 493	1	49.1	.....	79	8	30	6	3.11	.....	0.74	25-26	T.	11	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose	Susquehanna	1, 176	38	46.7	−2.4	76	7†	30	6	6 67	+3.11	1.85	26	T.	15	11	4	16	n.	Harry S. Fancher.
Mt. Pocono Airport	Monroe	1, 914	2	46.9	.....	76	7†	25	11	8.65	.....	3.57	26	0.1	11	6	9	16	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	25	51.4	−0.5	81	7†	28	11	6.70	−3.31	2.19	25-26	0	12	16	6	9	ne.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	2	54.0	−1.5	82	8	35	11	5.21	+2.40	1.71	28	0	10	9	6	16	sw	U. S. Weather Bureau.
Philipsburg‡-7 E	Centre	1, 916	1	44.6	.....	76	8	17	6	5.12	.....	1.21	26	2.4	14	8	8	15	w.	U. S. Weather Bureau.
Phoenixville	Chester	100	33	55.4	−0.1	89	7	26	11	8.62	+5.00	1.90	25-26	T.	13	14	8	9	w.	Phila.-Suburban Water Co.
Port Clinton	Schuylkill	407	5	50.8	−2.7	80	8	26	11	7.85	+3.88	2.10	26-27	0	14	15	9	7	n.	Earl E. Rarick.
Quakertown	Bucks	480	58	50.4	−1.9	78	8	21	11	7.75	+3.83	1.71	27-28	0	14	10	9	12	nw	John E. Benner.
Reading	Berks	273	73	53.8	−1.7	82	8	34	11	6.76	+3.64	2.62	25-26	0	11	11	5	15	nw.	U. S. Weather Bureau
Scranton	Lackawanna	746	49	50 4	−1.4	78	8	30	6	6.49	+3.46	2.53	26	T.	9	10	4	17	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	53	51.5	−1.4	80	7	29	5†	7.72	−4 15	1.32	25-26	0	12	12	4	15	n.	Dr. George E. Fisher.
State College	Centre	1, 217	59	49.8	−1.5	80	8	31	31	4.61	+1.59	1.16	26	0	12	12	4	15	n.	Penna. State College.
Stroudsburg	Monroe	440	29	52 8	+0.9	85	8	25	11	6.89	+3 15	1.55	25-26	0	13	11	5	15	nw.	Metropolitan Edison Co.
Tamarack Twr.	Clinton	2, 250	3	45.2	.....	75	7†	29	11†	5.30	.....	1.66	1	2.5	16	12	4	15	w.	James E. Swartz.
Towanda	Bradford	754	49	49.9	−0 9	83	8	25	11	6.64	+3.73	1.89	26-27	T.	12	8	9	14	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1, 319	73	45.2	−3.7	81	8	22	11†	6 30	+3.27	1.71	26	1.0	14	9	7	15	n.	M. S. Bliss.
West Chester	Chester	410	94	53 3	−1.3	82	8	32	31	7.10	+3.48	1.85	30-1	0	12	15	3	13	w.	Clyde T. Saylor.
Wilkes-Barre	Luzerne	544	5	51.3	.....	80	8	27	11	9.98	+6.88	3.49	26	0	10	6	7	18	sw.	U. S. Communication Sta.
Williamsport	Lycoming	550	57	51.7	−0.9	81	8	30	6†	8.29	+5.07	2.10	26-27	0	14	7	5	19	w.	John D. McEwen.
Woodward-2 NE	Centre	2, 208	2	46 2	.....	74	7†	31	5	8.28	.....	2.30	26-27	T.	13	7	7	17	w.	U. S. Weather Bureau.
York	York	400	56	53.4	−0.7	85	8	28	31	8.10	+5.06	2.86	25-26	0	14	12	6	13	sw.	York Water Co.
Division mean				50 8	−1.8	89	7	17	6	6.70	+3.42	3.73	25-26	0.2	13	12	5	14	nw.	
Ohio Drainage																				
Bradford	McKean	1, 680	2	46.6	.....	77	8	19	5	3.91	+0.60	0.99	15-16	T.	15	9	7	15	w.	City Water Dept.
Brookville	Jefferson	1, 400	53	46.2	−3.0	78	7†	24	6†	3 20	−0 07	1 03	15-16	.....	12	7	8	16	ne.	Civil Aeronautics Auth'y.
Butler	Butler	1, 077	30	49.4	−3 5	79	1†	25	6	5 00	+2.13	2.33	15-16	T.	13	11	4	16	n.	Butler Eagle.
Clarion-3 SW	Clarion	1, 114	33	48.8	.....	80	8	26	6	3.78	+0.54	1.34	15-16	T.	16	10	6	15	w.	Penna. Electric Co.
Claysville	Washington	1, 170	38	48.6	−5 5	80	12	26	5†	3 70	+0.50	1 79	15-16	0	9	11	7	13	n.	Walter B. Paget.
Coudersport	Potter	1, 653	16	46.4	−0.6	82	8	20	6	4.10	+0.46	0.81	28-29	3.0	16	13	2	16	nw	Philip R. Shaw.
Derry	Westmoreland	1, 150	46	50.8	−3.4	79	12†	28	21	3.99	+0.75	0.94	15-16	0	14	12	4	15	sw	Miss N. Dixie Wineman.
Donora	Washington	761	17	53.7	−2.1	83	13	32	21	2.71	+0.07	0.74	15	0	10	2	5	24	nw.	Donora Zinc Works.
Ebensburg	Cambria	2, 170	26	45.8	−4.1	75	8	22	31	3.62‖	+0.30	0.60	19	T.	16	11	3	17	w.	Miss. Emma H. Eastman.
Ford City-4 SE	Armstrong	950	0	48.7	.....	79	12	26	21	3.61	.....	1.28	15-16	T.	11	13	1	17	w.	U. S. Engineers.
Franklin	Venango	987	69	48.2	−3.0	79	8	29	6†	4.00	+0.71	1.79	15	T	12	15	1	15	nw.	William K. Fuller.
Greensburg-2 S	Westmoreland	1, 160	34	49.6	−4.6	80	13	23	6	2.78	−0.14	0.83	15-16	0	14	16	1	14	sw.	Westmoreland Water Co.
Indiana	Indiana	1, 300	42	.....	.....	78k	1	27k	31	3.86	+0 35	.....	.....	0	15	.....	.....	.....	.....	Indiana State Teachers Col.
Johnstown	Cambria	1, 650	61	48.8	−4 9	76	8†	27	21	3.57	+0.31	0.63	25	T	15	13	3	15	w.	Robert Tross.
Kane-1 N	McKean	1, 750	28	43.8	.....	75	8†	19	6	3.45	+0.02	1 05	16	2.3	16	14	1	16	nw.	Spring Water Co.
Meadville	Crawford	1, 065	49	47 6	−3.2	80	7	27	6†	4.08	+0.31	1.56	15-16	T.	13	8	10	13	w.	City of Meadville.
Midland	Beaver	780	6	51.0	.....	79	12	33	21	2.87	.....	1.03	15	T.	11	11	4	16	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	50.8	−1.8	81	12	28	21	3.20	+0.40	1.58	15-16	0	12	13	7	11	nw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1, 286	101	51.2	−2.9	78	8	35	18	3.58	+1.06	1 80	15-16	T	12	9	7	15	nw.	U. S. Weather Bureau.
Putneyville-2 SE	Armstrong	1, 270	0	.....	.....	79	7†	.....	.....	3.67	.....	1.19	15-16	0	12	14	4	13	w.	U. S. Engineers.
Pymatuning Dam	Crawford	1, 050	2	47.2	.....	80	7	25	6†	3.56	.....	1.61	15-16	.....	11	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1, 371	36	46.2	−2.5	81	8	21	11	3 31	+0.18	0.56	15†	T.	16	11	5	15	s.	West Penn Power Co.
Sharon	Mercer	940	30	53.4	0	83	1	31	6†	2.82	0	1.30	15-16	T.	7	17	5	9	ne.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2, 190	76	47.6	−1.7	78	8	20	5	2.95	−0.26	0.68	24-25	T.	15	4	9	18	sw.	D. L. Grove.
Springs	Somerset	2, 500	26	46.2	−3.3	75	8	23	5	2.86	−0 34	0.92	25	T.	16	8	7	16	w.	Allen E. Yoder.
Uniontown	Fayette	1, 060	55	52 6	−2.2	83	13	30	5†	2 49	−0 88	0.88	16	0	12	13	5	13	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	29	51.4	−2.5	81	13	30	20	3.38	+0.39	0.98	16	T.	10	15	6	10	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1, 190	54	49.6	−1.4	82	7†	27	6	5.82	+2.30	3.13	15-16	T	13	6	8	17	sw.	Merrill L. Jordan.
Waynesburg	Greene	1, 100	12	51.4	−3.5	81	8†	27	5†	2.83	+0.04	0.79	15-16	0	9	9	8	14	nw.	Thomas S Knox.
Division mean				48.9	−3.7	83	1†	19	5†	3.54	+0.26	3.13	15-16	0.2	13	11	5	15	nw.	
Lake Drainage																				
Erie	Erie	670	70	51.0	−2.4	81	12	34	18	6.40	+2.41	2.91	15-16	8.2	15	7	9	15	e.	U. S. Weather Bureau.
State mean				50.1	−2.5	89	7	17	6	5.63	+2.35	3.73	25-26	0.3	13	11	5	16	nw.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. * Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, a, b, c, etc., indicate, respectively, 1, 2, 3, etc., missing from the record.

Figures and letters following station indicate distance and direction from the city and replace the previous designation 'near'. Locations not appearing here are shown in the Daily Precipitation Table.

‡ Philipsburg is Black Moshannon Airport.

W. B. O., Philadelphia-12-18-43-975

Daily Precipitation for October, 1943

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE *Delaware Basin*																																	
UPPER DELAWARE																																	
Dingmans Ferry[2]	Pike		.87													.10	.77	.73		.03				.10		.08	.46	2.20	.20	.76		.04	6.34
Hawley[2]	Wayne	.26	.65													.06	.53	.45		.08		T.				.07	.34	2.75	.27	.93		.04	6.38
Hollisterville[2]	Wayne	.43	.72	.01												.23	.73	.56		.07	.01	T.	T.	.05	.07	.03	.45	2.95	.33	.5		.01	7.88
Lakeville[2]	Wayne	.37	.66												T.	.15	.52	.78	.09		T.		T.	.01		.03	.48	2.86	.43	.98	T	.02	7.38
Matamoras[2]	Pike	.13	.61														.92	.95								.09	.34	2.28	.10	.69			6.11
Mount Pocono[1, 5]	Monroe	1.49	.08												T	.32	1.29		T.	T.	T.		.22		T.	.17	3.57	.01	1.35	.05	.10		8.65
Pleasant Mount†	Wayne	.51													.31	1.34	.65		.20	.04							2.80	.06	1.22	.03	.03		7.19
Stroudsburg	Monroe	.42	.48												T.	.12	.59	.71		.07			.28			.10	1.55	1.24	.0	.14	.09		6.89
Tanners Falls†	Wayne	.35	.13												.08	.66	.68		.11								2.87	.05	1.23	.08			6.24
LEHIGH																																	
Allentown[2]	Lehigh	.69	.50													.03	.97	.57		.12	.03		.07	.14		.12	.50	2.00	.49	1.30		.05	7.64
Bethlehem†	Northampton	.83													T.	.52	.43		.13				.12	T.		.09	2.13	.01	1.77		.06		6.09
Blakeslee Corners†	Monroe	1.03													.02	.90	.98		.14				.22			.10	2.90	.01	1.55		.10		7.98
Gouldsboro[2]	Wayne	.55	.58	.03												.10	.61	.63		.10	.03		T	.14		T	.71	2.56	.27	.96		.09	7.34
Lansford[2]	Carbon	.67	1.92													.13	1.25	.91	.17	T.			.12	T.		.16	.87	2.65	.41	.89		.12	10.27
Mauch Chunk	Carbon	1.50	.63												.03	.10	1.31	.38		.17	.07		.29			.14	2.05	1.41	*	1.40	*		9.48
New Tripoli	Lehigh	1.81	.30													.14	1.51		T.	.13	T.		.06	T.		.19	2.36	.73	1.34	.04	.06		8.67
Palmerton†	Carbon	.99	.14												.08	.97	.27		.11	T.			.16			.11	2.18	.01	1.65		.03		6.70
Zionsville	Lehigh	1.44	.21													.09	1.22	.59		.18			.03			.31	1.73	1.35	1.68	.17	.05		9.05
SCHUYLKILL																																	
Conshohocken	Montgomery	1.02													T.	.44	.39	.77	T.			T.	T.			.23	.51	2.53	2.02	.67	.01		8.62
Fredericksville[2]	Berks	.94	2.04	.03												.07	1.17	.52		.21			.04	.01		.13	.91	1.88	.65	.98		.07	9.65
Freeland[2]	Luzerne	.75	1.05	.04											T.	*	1.10	1.13		.14			*	.15		.33	.98	2.60	.43	1.05	T.	.09	9.84
Gratersford[2]	Montgomery	.62	1.33													.81		.33		.31				.19		.06	.87	1.64	.76	1.21		.21	8.34
Phoenixville[2]	Chester	1.40	.70														*	1.31		.10			.11	T.	.17	1.30	1.90	.85	*	.73		.05	8.62
Port Clinton[2]	Schuylkill	.62	1.44													.10	.41	.70		.12	.02		.06			.12	.99	2.10	.40	.75		.02	7.85
Pottstown[2]	Montgomery	1.08	.73														.81	.64		.12			.10			.20	1.25	1.74	.59	.71		.02	7.99
Pottsville[2]	Schuylkill	.63	1.65													1.05	.35	.81		.12	.01		.06	T.		.16	1.17	2.30	.48	.53		.10	9.42
Reading†	Berks	.19													.16	.43	.26		.26		T.		.07	T.		.45	2.49	.02	1.42		.01		6.76
Wernersville	Berks	2.54	.12													.17	.76		.03	30			.10	.01		.28	3.24	.10	1.15		.01		8.81
LOWER DELAWARE																																	
Coatesville[6]	Chester	1.70	.15													.26	1.16			.13			.13			.46	2.35	.06	1.16		.06		7.62
Doylestown	Bucks	1.07	.15													.60	.13	.85		.12	.02		.06			.39	1.10	.95	1.48		.02		6.94
George School[6]	Bucks	.26	.01													.84	.75		T.	.02			.06			.31	2.41	.20	1.39		.03	T.	6.28
Marcus Hook[2]	Delaware	1.18	.33													T.	.60	.50		.01			.05		14		.42	1.67	1.04	.33		.04	6.31
Philadelphia Airport Station†[1]	Philadelphia	.23	T.												T.	.46	.89		.02				.01		T.	.31	1.51	.05	1.71		.02		5.21
City Office†[1]	Philadelphia	.26	T.													.57	.73		.01				T.			.31	1.65	.02	1.63		.02		5.20
Franklin Inst.[2]	Philadelphia	1.24	.08														.71	1.05	T.	.03			.01	T.		.15	.54	1.84	1.21	.52		.06	7.44
Shawmont	Philadelphia	1.34	.07		T.										T.	.32	.69	.49		.05			.05			.31	1.14	.90	1.77	.08	.03		7.30
Quakertown	Bucks	1.23	.31													.21	.93	.15		.19	.04		.10			.14	1.61	.94	1.71	.12	.07		7.75
West Chester	Chester	*	2.23													.40	.76			.07			.02			.41	1.63	.30	1.20	.02	.06		7.10
West Grove[2]	Chester	1.48	.80	T.									T.	T.			.15	.95	T.	.03			.04	T.		.11	.87	1.57	.60	.30	T.	.03	6.88
Susquehanna Basin CHEMUNG																																	
Austinburg†	Tioga	1.25	.01													1.25	.73		.10	.16			.02		.02	.15	.53	.26	.79	.03			5.30
Centerville[2]	Bradford	.20	1.26														.59	.82	.14								.05	1.83	.04	1.49			6.42
Covington[2]	Tioga	.39	1.15													.08	.45	1.19		.09	.02		.12	.02	T.	.02		1.70	.06	1.15	T.	T.	6.44
Lawrenceville	Tioga	.85	.26													.25	1.28	T.	.06	T.	.08		.15			.08	.58	.88	.98	.15			5.60
NORTH BRANCH																																	
Canton[2]	Bradford	.28	1.17													.28	.45	.81		.15	.10		.12	.02	.03		.05	1.75	.26	1.06	.02	.01	6.56
Danville[2]	Montour	.61	1.07													.80	.17	1.85		.15			.35	.07		.10	.63	1.70	.40	.78		.11	8.79
Kellogg Mt Tower[2]	Bradford	.17	1.09								T.					.46	.75	1.98	T.	.13	T.		.03	.15			.04	2.27	.12	1.46		T.	8.65
Millville†	Columbia	.91													.59	.49	1.10		.19	.04			.07			.14	2.42	.03	1.16	.03	.05		7.22
Montrose[2]	Susquehanna	.12	.67	.01												.91	.64	.79		.13	.02				.04	.01	.02	1.83	.20	1.26	.02		**6.67**
Orwell[2]	Bradford	.14	.90	.02												.49	.66	2.39		.18	.02					.05		2.12	.34	1.33			8.64
Park Place[1, 5]	Schuylkill	1.78													.63	1.33	1.03		.17				.16			.25	3.09	.11	1.41		.16		10.12
Pikes Creek†	Luzerne	1.15													.48	1.01	2.28		.25	.01			.04			.07	2.50	.03	1.11	.03	.09		9.05
Rush[2]	Susquehanna	.16	1.12	T.												.78	.63	1.52	T.	.10	.02	T.			.01	.04	.11	1.71	.23	1.54	.02	T.	7.99
Scranton†[1]	Lackawanna	.29	T.												.12	1.41	.36	T.	.07				.19	T.	T.	T.	2.53	T.	1.45		.07		**6.49**
Susquehanna[2]	Susquehanna	.08	.22													.78	.33	.33		.08	.01				T.			2.00	*	1.38			**5.21**
Towanda	Bradford	.52	.03	T.							T.				T.	.76	1.88	T.	.04	.02	T.		.14		T.	T.	1.09	.82	1.22	.10	.02		6.64
Tunkhannock†	Wyoming	.73													.08	1.05	.93		.02				.25			.02	2.43	.04	1.40	.04			6.99
Wilkes-Barre[5]	Luzerne	.67													.76	1.71	1.00		.48	T.			.16			.07	3.49	T	1.50		.14		9.98
WEST BRANCH																																	
Ansonia[2]	Tioga	.40	.45													.05	.76	.83		.17	.05		.13	.05	.04		.09	1.62	.19	.58			5.41
Bald Eagle†	Blair	*	*	.77											.35	.27	.55		.31				.06		.05	.47	.73		.26		.10		3.92
Carter Camp†	Potter	1.45									•	•	•	•	•	*	1.31		.27	.05			.35			.15	1.16	.04	.85	.02			5.65
Cedar Run[2]	Lycoming	.65	.80	.03												.10	.90	1.12		.25	.05		.12	.15			.14	1.45	.09	.85	T.	.05	6.75
Clearfield[2]	Clearfield	.10	.05												.02	.06	.65	.47		.33	.02		.02	.03		.05	.39	.25		.30		.08	2.82
Coalport[2]	Clearfield	.08	.06													.23	.35	.51	T	.46	.02		.06	.08	.02	.12	.30	.25		.21		.25	3.00
Curwensville[1, 5]	Clearfield	.08	T.												.08	.38	1.02	.05	.27	.06	.02		.16	.05	T.	.61	.29	T.	.52	T.	.12	.01	3.72
Driftwood†	Cameron	.43													.04	.89	.42		.22				.06			.45	.96		.55	*			4.02
Du Bois, 7 E	Clearfield	.07													.09	.19	.75	.03	.15	.12			.12	.04	.01	.36	.40	.09	.34	.11	.17		3.04
Dushore†	Sullivan	.81													.15	.78	1.57		.06								1.94	.14	1.44				6.89
Eagles Mere[2]	Sullivan	.38	1.06	T.											1.26	.52	2.29	.02	.33	T.		.01	.05			.23	1.77	.17	.94		.02		9.05
Emporium[2]	Cameron	.34	.02												.06	.12	.66	.30	.01	.25	T		.03	.09	T.		.20	.69	T.	.50	T.	.01	3.28
English Center†	Lycoming	1.49													.16	.68	1.47		.16							.12	1.68	.10	.83				6.69
Galeton	Potter	1.20	.54												.17	.86	.84	.26	.04	.01	.04		.12	.01		.06	.40	.62	.70	.12	.02		6.01
Karthaus[2]	Clearfield	.28	.20													.07	.37	.29		.32	.02		.06	.04		.04	.34	1.08		.41	.02	.14	3.68
Lock Haven[2]	Clinton	.69	.72													.44	.86	1.21		.15	.01		.06	.09		.05	.28	1.65	.32	.83	T.	.05	7.41
Medix Run†	Elk	.17													.14	.40	.64		.24				.15			.54	.75		.39		.08		3.50
Philipsburg[1, 5, 7 E]	Centre	.77	T.												.38	.57	.68	T.	.27	T.	.02	.03	.01	.03	T.	.57	1.21	.01	.49	T.	.08		5.12
Renovo[2]	Clinton	.38	.70													.07	.52	.67		.24	.02		.11	.17	T.	.04	.37	1.45	.07	.72		.05	5.58
Shaffers Path[2]	Lycoming	.76	1.26													.50	.88	1.06		.11			.04	.18		.07	.41	1.39	.26	1.03		.06	8.01

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Stations	Counties	Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
State College‡	Centre														.55	.40	.78	T.	.20	T.	T.	.03	.09	T.	T.	.20	1.16	.01	.25		.13			4.61
Tamarack Tower[2]	Clinton														T.	.02	.48	.51	.02	.26	.03		.05	.20	T.	T.	.18	1.20	.01	.65	.01	.02		5.30
Wellsboro[2]	Tioga															.05	.88	1.25		.13	.01		.05	.01	.01		.07	1.71	.09	.85		T.		6.30
Williamsport[2]	Lycoming															.34	.88	1.35		.08			.02	.11		.05	.37	2.10	.22	.96		.10		8.29
JUNIATA																																	
Altoona	Blair														.08	.53	.73		.23	.22			.21	.04		.44	.58	.06	.11	.06	.31			3.88
Bedford[2]	Bedford														T.	.60	.65	T.		.58						.68	.61	.28	T.			.05		4.18
Breezewood Intch[3]	Bedford														.78	.20	.46		.21				.01		.04	.79	.80		.11		.04			3.70
Buffalo Mills[2]	Bedford															.38	.36	.37		.33						.37	.73	.27						3.33
Burnt Cabins[3]	Huntingdon														.49	1.53	1.34		.15							.37	1.13		.17		.11			6.06
Charter Oak‡	Huntingdon														.65	.26	.59		.29			.03	.18			.22	.81		.31		.06			3.86
East Waterford[2], 3E	Perry															.74	.87	1.26	T.	.12	T.		.11	T.	T.	.14	.70	1.75	.03	.31		.06		7.38
Everett[2]	Bedford															1.01	.16	.52		.21				T.		.41	.89	.40	.01	.04		.04		4.19
Huntingdon[2]	Huntingdon															.74	.35	.34		.20			.10	T.	T.	.12	.31	.73	.04	.16		.12		3.68
Lewistown[2]	Mifflin															.91	.61	.77		.19	.04		.02			.10	.51	1.43	.09	.49		.10		6.32
Loop Mt. Tower[2]	Huntingdon															.81	.23	.32		.53			.28	.02	.02	.10	.53	.93		.11		.27		4 93
Mapleton Depot[2]	Huntingdon															.63	.83	.68		.17			.07	.01		.14	.51	.93	.01	.15		.12		4.88
Martinsburg[5]	Blair														.49	.20	.54	T.	.22	T.	.01		T.	T.	.08	.63	.58		.08		.03			3.11
Newport[2]	Perry															1.06	.18	2.00		.16			.08			.10	.95	1.55	.22	.46		.14		8.31
Saxton[2]	Bedford															.77	.21	.42	T.	.26	T.		T.	.01		.22	.50	.52	.01	.06		.07		3.56
Shade Gap‡	Huntingdon														.49	1.05	1.39		.13				.02		.03	.53	1.04		.14		.06			5.11
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams															1.00	.24	.80		.12						.21	1.16	1.78	.05	.18		.01		6.17
Bloserville	Cumberland														.09	1.02	1.57		.02	.10			.12			.32	2.52	.21	.28		.07			7.56
Blue Mt. Intchg.[3]	Franklin														.47	.64	1.41		.19				T.	T.		.45	1.18		.10		.05			4.97
Carlisle	Cumberland														T.	1.01	1.17		.01	.15			.10			.28	2.67	.30	.43		.03			7.32
Columbia	Lancaster															.15	1.00		.02	.11			.06			.32	3.08	.33	1 44		.02			8.39
Ephrata	Lancaster														T.	.18	.41		.02	.16			.13			.29	2.87	.10	1.36		.01			7.12
Glen Rock‡	York														.23	.15	1.16		.07			.01	.01		.02	1.12	2.50		1.20		.07			7.63
Gordon	Schuylkill															1.12	2.25		.02	.11			.22			.30	2.00	.92	.50	.17	.17			10.11
Hanover[2]	York															1.10	.01	1.19		.07			T.	T.		17	2 15	1.58	.27	.53		.06		8.03
Harrisburg Arpt‡[1]	York														.14	.60	1.10		.13		T.		.07			.43	2.50	.01	.58		T.			6.82
Holtwood[2]	Lancaster															T.	.24	.27		.03			.11			.11	1.60	1.62	.57	.47		.03		6.67
Huntsdale[2]	Cumberland															.84	.16	1.27		.17			.01			.15	1.16	1.99	.04	.17		.02		7.46
Kirkwood‡	Lancaster															T.	.19								T.	.44	2 23		.85		.03			§
Lancaster	Lancaster														.01	.21	.27	.12	T.	.14	.01		.03			.32	2.54	.53	1.48	.19	.04			7.46
Lebanon[2]	Lebanon															.65	.25	.88		.21	.02		.09			.14	1.30	1.82	.66	.76		.04		8.84
Manada Gap	Dauphin														.04	.91	.82		.04	.14			.08			.30	2.43	.27	1 24	.06	.05			8.86
Middletown[3]	Dauphin														.16	67	.33		.08		T.	T.	.08	T.		.30	1.70	.10	.70		T.			5.73
Millersburg‡	Dauphin														.65	.27	1.25		.16				.05			.25	1.85	.10	.87		.09			6.68
New Park	York															.03	.70									.42	3.73	.27	1.10	.05	.03			8 73
Penn Nursery[2]	York															.42	.98	.92	.02	.24	.03		.01	.18		.04	.54	1.42	.09	.63		.10		‖6.81
Peters Mt. Tower[2]	Centre															1.08	.11	1.15	T.	.16			.09	T.		.10	1.00	1.74	*	.72		.14		8.37
Pine Grove[2]	Dauphin															1.24	.52	2.41		.17			.07	.06		.08	1.10	2.06	.50	.37		.02		10.68
Ringtown[2], 1 SW	Schuylkill															1.45	.19	1.90		.13			.11	.04		.03	.35	2.73	12	1.14		.13		10.19
Selinsgrove	Schuylkill														.01	.94	1.20	.02	.01	.11			.31	.01		.18	1.32	.77	1.03	.03	.20			7.72
Shippensburg	Snyder														.08	.81	1.51		.02	.10						.27	1.17	.32	.15	T.	.01			5.01
Sunbury[2]	Cumberland															.87	.24	1.58		.15			.23	.06		.08	.44	2.01	.40	.92		.16		8.77
Williamstown[2]	N'umberland															1.10	.16	1.04		.20			.08			.10	.89	1 57	.41	.92		.08		8.35
Woodward[1, 5]	Dauphin														.63	.81	1.14	T.	.13	.02	T.		.24	.03		.33	2.30	.07	1.11		.09			8.28
York	Centre															.57	.65	.02	.02	.08			.02			.35	2.86	.45	1.25	.05	.02			8.10
York Haven[2]	York															1.29	.14	.39		.11			.10			.10	1.80	1.40	.38	.60				7.91
Potomac Basin																																	
Chambersburg[2]	Franklin														.78	.22	1.39		.14							.22	.40	.99	.06	.10		.03		4.62
Gettysburg	Adams															.62	.95		T.	.07			.01			.33	2.48	.65	.25		T.			5.95
Hewitt‡, 2 S	Bedford														.88	.27	.31		.12						.17	.83	.41		.04					3 41
Hyndman[2]	Bedford															.63	.27	.50		.21						.57	.45	.26	T.			T.		3 18
McConnellsburg[2]	Fulton														T.	.29										.20	.72	.85	T.					5.82
Mercersburg	Franklin															1.67	.95	.47		.16						.20	.72	.85	T.	*		*		4.86
South Mt. San't'm[2]	Franklin															1.21	.25	*		*						*	*	1.85	*	*		*		5.15
GULF DRAINAGE																.89	.09	.78		.15						.33	.65	1.33	.03	.21		T.		4.86
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny			T.	.01										.26	.16	1.68	.57		.44	T.			.10	T.	.11	.40	.12	T.		T.	.21		4.06
Allens Mills‡	Jefferson		.17												.29	.19	.86	.05	.30							.51	.20	.02	.44		.14			3 17
Blairsville[2]	Indiana		.04	.57											.06	.15	.15	.51	T.	.51	.02		.07	.27	T.	.24	.29	.14	T.	.05	T.	.72		3.79
Boswell‡**, 6 W	W'moreland		.57												.28	.13	.51		.47	.03			.16	.29	.10	.78	.30		.05		.87			4.49
Bradford	McKean		.13	.06											.31	.29	.99	.12	.22	.12	.12		.27	T.	T.	.15	.18	.33	.15	.47				3.91
Brookville[5]	Jefferson		.21												.37	1.03	.34	.03	.18	.08			.07	T.	T.	.40	.15	T.	.26	T.	.08			3.20
Buckstown‡	Somerset		.48												.37	.05	.53		.31	.09			.02	.03	.10	.73	.36		.09		.33			3.49
Cherry Grove‡	Warren		.09												.66	1.37	.85	.07	.30	.10	.02	.02	.17	.01		.38	.20	.09	.62	.01					4.96
Clarion[2]	Clarion			.09											.29	.19	1.34	.30	.06	.37	.02			.06	.01	.02	.68	.22		.09	.02	.07		3.78
Coudersport	Erie		.39	.07											.09	.48	.53	.05	.19	.11	.07		.51			.13	.10	.54	.61	.20	.03			4.10
Derry	W'moreland		T.	.34											.09	.15	.94	.05	.27	.20			.03	.35		.70	.25	.05	.02		.55			3 99
Donegal	W'moreland		.07												.20	.27	.55	T.	.39	.02			.09	.15	.08	.33	.12	.02	.04		.80			3.13
Dunlo‡	Cambria		.35												.40	.08	.82		.34				.11	.03	.02	.54	.33		.14		.35			3.51
Ebensburg[2]	Cambria		.02	.10											.01	.39	.18	.52	T.	.60	.02		.15	.21		.22	.21	.36	.02	.12		.49		‖3.62
Ford City[2] §§	Armstrong														.25	.12	1.28	.34		.49				.08		.20	.55	.16		.03		.11		3.61
Franklin[2]	Venango			T.											.20	.03	1.79	.50	.07	.39	.08			.06	.01	T.	.67	.20		.05	T.			4.00
Glen Hazel[2], 1 NE	Elk		.12	.02	T.		T.								.18	.06	.63	.54	.05	.29	.06	.07	.06	.04	.01	T.	.18	.32	T.	.47	.02	T.		3 12
Home‡	Indiana		.60												.14	.13	.88		.44				.02	.09		.42	.12	.01	.10		.17			3.12
Indiana	Indiana		.02	.47											.12	.12	*	*	*	*			*	*		*	*	2.72	.06	T.	.35			3.86
Johnstown[6]	Cambria		.26	.06											.21	.22	.41	.04	.24	.26			.21	.14		.63	.26	.06	.07		.50			3.57
Kane[3]	McKean		.10	T.											.23	.42	1.05	.06	.29	.07	.01		.24	.02	.08	.25	.27		.28	.06	.02	T.		3.45
Laurel Hill Tunnel[3]	W'moreland			.45											.30	.26	.47	T.	.44	.15			.12	.18	.10	.83	.24		.06		.82			4.42
Lycippus	W'moreland		T.	.05											.10	.15	.80	.05	.10	.25			.04	.24	T	.57	.20	T.			.47			3.02
Marienville‡	Forest		.09												.40	.91	.60	.10	.34	.15	.01		.27			.38	.15		.59	.02	.03			4.04
Meadville[2]	Crawford			T.	T.		T.								.16	.06	1.56	.81	.03	.48	.03		.14	.10	T.	.01	.44	.30		.01			4.08
Mosgrove[2]	Armstrong			T.											.20	.33	1.44	.35	.01	.39	.02			.06	.02	.08	.45	.36		.02	T.	.02		3 75
Parkers Landing[2]	Armstrong														.41		1.44	.54		.37				.02			.75	.22						3.75
Pittsburgh Cty Off[1]	Allegheny		T.	T.											.34	1.50	.40	.01	.27	.01		T.	T.	T.	.08	.04	.57	.38	T.	T.		.33	T.	3.93

Continued on page 74.

Daily Precipitation for October, 1943—Continued from Page 73

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Port Allegany[2]	McKean	.11	T.	T.	T.	T.									.05	.04	.64	.32	02	.27	.12		.04	.27	.02	02	.92	62	.02	.88	.02	T.	3.48
Punxsutawney[2]	Jefferson	T.	.20												.06	.09	.50	.45		.36	.06		T.	.08	T.	.06	49	.22		20		.06	2.83
Putneyville[2] ‖‖	Armstrong		.02												*	.41	1.19	.53		.42	.02		T	.10		.17	14	.27		03		.07	3.67
Ridgway[2]	Elk	.06	.03												.09	.08	.56	.56		.38	T		.14	.10	.02	.02	.25	18	.01	51	02	T.	3.31
Saltsburg[2]	Indiana	05		T.											.08	T.	.74	.49	T	.51	T.		12	.20	T.	12	.37	.03		T		.38	3.09
Seward[2]	Indiana	.06	.26													.21	.19	.26		.47				.33		.26	46	.06		08		.54	3.18
Smethport‡	McKean	.15													.11	.26	.52		.20	.01			.15		.07	13	60	.09	11	.03			†
Strongstown‡	Indiana	.21															*	*	*	.50		.09	.22	.06		.13	.20				.18		§
Tionesta Dam‡	Forest	.06													.44	2.05	.48	.07	44	.03			15			.47	.13	.03	.24				4.59
Titusville, 2 S.	Crawford	01													.30	.38	1.88	.26	.23		15		.16	.07	.02	.17	.19	.19	.10	.11			3.72
Union City‡	Erie		.03												.12	1.42	.78	.18	.53	.20			.36		.07	.19	.23	.03	.66	.02			4.82
Vandergrift[3]	Westmoreland		.02												.30	.53	.98	T.	.60				.01	.08		.50	.20				.16		3.38
Warren[2]	Warren		.10	T											.27	.07	2.70	.43	T	.20	.70		T.	.20		.04	.14	.33	.04	.60			5.82
Youngsville‡	Warren	.04													.21	1.50	.72	.02	.30	.10			.23		.07	.23	.36	65	.52	.01			4.36
MONONGAHELA																																	
Confluence[2]	Somerset	.01													.03	.23	.37	.40		.47				T.	.03	50	.35	47		.03		.22	3.11
Connellsville[2]	Fayette														.02	07	.64	.32		.23						.34	.21	.32		.03			2.18
Donora[3]	Washington	T.	.01												.20	.74	.42	T	.25		T		T.	.03	T.	.59	.16	.01	T		.30		2.71
Greensboro[2]	Greene		T.	T.											.04	.12	.68	.30		.10		T.		T.	.02	47	.33	.12	T.			.05	2.23
Greensburg	Westmoreland	T.	.02												.15	.30	.83	.04	11	.20			01	10	.02	.35	.18	.04		T	.43		2.78
Irwin	Westmoreland	.02	.02												.20	.38	1.03	.01	.08	.21			T.	.06	T.	.42	.27	.03		T.	.36		3.09
Meyersdale[2]	Somerset	.06	.05													28	.16	.25		.35						.59	.34	.32		.02		.22	2.64
Murrysville‡	Westmoreland	05													.31	1.01	.54		.39			.06		.10	.04	.49	.14				.31		3.44
Newell[4]	Fayette														.19	T.	.95	.25	T.	.20			T	T.		.30	.35	.10			.15	.03	2.52
Pittsburgh Arpt.‡[1]	Allegheny	T.	.03												.29	1.50	.41	T.	.21	T.		.02	T.	.02	.06	.48	.29	.01	T.		.26	T.	3.58
Rices Landing[2]	Greene														.09	.06	1.56	.30		.11				.03	.02	.40	.34	.08				.16	3.15
Somerset	Somerset	.05	.22												.12	.23	.44	.03	.12	.33			.02	.02		.68	.23	.07	T	.02	.37		2.95
Springs[6]	Somerset	.04	.04												.25	.08	.52	.01	.01	.35			.02	.05	.02	.92	.24	.02	.05	T.	.24	T.	2.86
Uniontown	Fayette	T.	.01												.20	.12	.87	.01	T.	.21				.06	T.	.53	.15	.15	.01		.17		2.49
Waynesburg	Greene														.25	.57	.79			.16						.52	.36	.03	.03		.12		2.83
BEAVER																																	
Beaver Falls[2]	Beaver														.17	T.	1.44	.35	T.	.39	T.			.08	T.	.01	.78	.28	T.	T.	T.		3.50
Butler	Butler		.03												.44	.05	2.33	.42	.05	.43	T			.05		.35	.64	.18	.02		.01		5.00
Greenville	Mercer		.01		.01										.27	.21	1.64	.17	.40	.04	.02		.04	.06	.04	.18	.17	.12	.02	T.			3.40
Mercer[5]	Mercer		.02		T.									T.	.20	.26	1.61	.11	.22	.02	T.		.07	.11	02	.37	.30	.14	.01		T.	T.	3.46
New Castle	Lawrence		.10												.17	.08	1.50	.09	.31	T.			.01	.08	.05	.25	.33	.23					3.20
Penn Line[2]	Crawford		T.												.17		1.74	.67	.17	.47	.01		.15	.07	.03	.08	.31	.25		.04	.01		4.17
Pymatuning Dam[2]	Crawford		.02												.19	.05	1.61	.47	.02	.43	.03						.40	.31		.03			3.56
Sharon[2]	Mercer														.16	T.	1.30	.42		.40				.05			.34	.15					2.82
OHIO																																	
Claysville[2]	Washington														.29		1.79	.43		.10					.03	.30	.49	.12			.15		3.70
Coraopolis[2]	Allegheny														.26	.02	1.51	.25	T.	.29			T.	.06	T.	.08	.61	.21			.17		3.46
Midland[2]	Beaver														.23	.03	1.03	.33		.26			.02	.06		.07	.58	.17			T.	.09	2.87
Mt. Lebanon[6]	Allegheny	T.	T.												.34	1.00	.90	T.	.22	T.		.07	T	.03	.04	.67	.25	T.			.20	T.	3.72
Washington‡	Washington														.20	1.38	.28		.11						.11	.65	.21	.05			.26		3.25
LAKE DRAINAGE																																	
Erie‡	Erie		T.												.08	2.12	1.14	.88	.50	.07		.04	.55	.01	.02	.09	.15	.05	.65	.05			6.40
Raymond‡	Potter	.62	.04												.03	.88	.49		15	.19			.15	.02		.19	1.03	.10	1.05	.03			4.97

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. [6] Observation taken at a fixed hour between sunset and 11:00 p.m. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated. ** Boswell was formerly Laurel Hill Summit. §§ Ford City was formerly Crooked Creek Dam. ‖‖ Putneyville was formerly Mahoning Dam.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum* velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.49	6	29.45	16	8.6	24	w.	17	84	....	80	28	432
Harrisburg	30.50	6	29.37	16	7.6	29	s.	16	81	58	65	19	356
Philadelphia	30.49	11	29.39	16	9.7	32	nw	26	84	54	70	39	279
Philipsburg	30.52	6	29.37	16	10.1	47‡	sw.	16	94	66	81	....	633
Pittsburgh	30.49	6	29.46	16	9.9	26	nw.	22	83	57	61	43	430
Reading	30.53	11	29.36	16	11.2	34	e.	1	78	53	54‡	46	348
Scranton	30.58	6	29.38	16	6.7	21	se.	16	85	63†	....	39	452

* For any five-minute period. ** Corrected to true velocities.
† 11:00 a.m. ‡ 4:00 p. m. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.0	5.3	29	0.8	3†	18
Easton	Delaware	1.3	7.8	29	−0.2	12	22
Lehighton	Lehigh	3.0	6.3	27	2.3	11	9
Reading	Schuylkill	3.4	9.2	27	2.5	25	13
Wilkes-Barre	N. Br. Susquehanna	2.8	14.3	30	1.0	14	22
Williamsport	W. Br. Susquehanna	0.8	5.8	29	−0.2	12†	20
Newport	Juniata	3.5	5.4	27	3.0	8	22
Harrisburg	Susquehanna	3.5	6.9	30	2.9	13	17
Schenley, (nr) Lock No. 5.	Allegheny	11.8	12.9	31	11.4	1	24
Sutersville	Youghiogheny	2.7	3.1	28	2.2	7	29
Charleroi (nr.), Lock No. 4	Monongahela	10.7	11.1	27	10.4	11	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † On other days also.

Daily Temperatures for October, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	64	70	63	62	61	66	80	82	79	61	62	67	72	75	75	74	63	53	54	58	66	55	55	57	45	49	55	54	62	53	57	62.9
	Minimum	52	56	48	46	36	32	33	41	42	46	30	31	34	37	51	61	44	42	40	40	41	43	44	42	39	39	41	49	44	45	35	42.1
Altoona	Maximum	68	70	62	58	62	73	78	81	75	69	68	71	72	66	61	62	41	45	46	58	66	67	49	52	45	40	54	49	60	58	56	60.7
	Minimum	53	58	38	35	31	29	40	44	43	45	36	32	35	49	53	40	35	29	36	37	31	47	41	40	37	35	36	41	40	44	30	39.4
Arendtsville[6]	Maximum	65	74	64	64	64	73	80	81	81	66	63	69	70	66	70	68	52	50	50	62	70	60	54	56	48	45	55	50	63	60	57	62.9
	Minimum	57	56	49	43	36	33	42	45	47	42	31	35	35	50	60	52	42	35	42	43	35	42	49	46	41	41	43	45	47	42	33	43.2
Bethlehem[3]	Maximum	64	70	64	63	60	67	81	85	79	61	63	69	71	73	71	74	58	52	52	53	66	52	53	56	45	43	52	51	60	54	57	61.9
	Minimum	54	56	46	46	41	38	49	48	51	38	32	36	39	52	60	49	42	41	40	40	42	42	44	44	39	40	42	45	43	42	38	43.8
Blue Mt. Interchange[3]	Maximum	78	86	76	78	74	72	80	84	82	72	74	70	72	64	71	66	50	50	52	60	68	62	58	68	56	60	70	64	68	62	60	68.0
	Minimum	60	60	54	46	42	34	40	44	50	40	32	35	37	47	60	45	41	32	46	48	42	48	50	44	42	40	44	46	46	44	34	44.3
Bradford	Maximum	74	71	58	55	52	69	76	77	74	69	67	77	73	70	60	61	51	40	41	53	67	63	48	48	43	40	48	48	57	56	55	59.4
	Minimum	44	51	43	30	19	21	28	31	30	28	21	24	26	51	35	48	32	32	33	31	24	38	38	38	38	34	35	32	42	38	42	33.7
Breezewood Intchg[3]	Maximum	60	70	62	58	62	72	78	82	78	64	60	72	70	62	72	62	52	44	46	58	70	56	50	54	42	42	58	46	60	64	62	60.8
	Minimum	54	50	38	32	28	28	36	40	42	42	40	32	32	54	58	56	39	40	43	55	68	52	47	48	40	42	48	45	59	56	58	58.4
Brookville[5]	Maximum	73	66	54	59	60	70	78	78	74	63	68	77	76	60	58	56	39	40	43	55	68	52	47	48	40	42	48	45	59	56	58	58.4
	Minimum	51	36	32	28	28	24	29	30	33	31	27	29	31	48	44	36	34	34	36	28	25	44	42	40	33	36	36	39	40	27	24	34.0
Burnt Cabins[3]	Maximum	62	68	62	59	62	70	78	80	80	61	62	64	69	62	72	63	44	50	44	60	68	58	61	52	43	43	58	46	43	60	52	59.9
	Minimum	54	50	35	29	25	26	32	36	38	43	32	31	33	53	57	42	39	29	38	38	28	43	42	42	38	37	39	42	37	38	34	38.1
Butler	Maximum	79	72	71	67	60	64	72	75	70	75	70	74	79	79	67	57	42	39	29	38	38	28	43	42	42	42	38	37	39	42	37	62.1
	Minimum	46	53	31	33	28	25	31	35	31	29	35	31	32	54	37	49	32	32	33	39	27	48	38	38	38	36	36	36	38	40	46	36.6
Carlisle	Maximum	65	73	64	64	64	68	80	81	80	75	64	69	72	68	72	70	54	55	51	62	68	62	55	60	50	44	54	52	64	59	56	63.7
	Minimum	55	56	46	41	34	30	37	43	43	45	28	32	31	52	59	54	43	35	40	38	35	40	47	38	38	38	40	42	46	45	44	41.1
Chambersburg[6]	Maximum	67	75	68	64	64	70	79	82	82	64	64	70	71	64	75	69	50	52	51	62	66	60	59	58	48	44	60	51	64	58	57	63.5
	Minimum	56	59	44	33	30	32	36	40	44	51	30	33	35	48	60	46	41	35	41	42	34	44	48	49	44	45	48	48	61	58	60	60.3
Clarion[6]	Maximum	73	69	58	60	60	73	77	80	75	67	72	78	77	67	58	56	44	41	45	57	69	53	48	49	44	45	48	48	61	58	60	60.3
	Minimum	41	55	36	31	31	26	32	36	36	40	33	34	35	53	41	42	34	32	36	38	28	42	42	41	37	35	36	42	40	45	28	37.4
Claysville[2]	Maximum	75	70	58	57	61	71	75	77	75	68	75	80	78	66	55	51	41	51	47	58	74	53	48	54	42	42	44	49	62	59	65	60.7
	Minimum	44	45	34	32	26	26	29	35	37	38	39	38	38	42	43	47	35	33	33	33	29	30	44	42	40	38	37	34	39	42	32	36.6
Coatesville[6]	Maximum	62	74	65	61	61	65	77	83	78	61	64	66	70	78	72	70	59	46	54	58	65	58	56	57	49	45	54	55	60	57	55	62.4
	Minimum	53	60	50	44	39	36	44	47	50	46	28	32	38	53	59	58	41	39	37	40	39	43	48	40	41	40	42	48	42	42	34	43.6
Columbia	Maximum	62	76	75	66	65	70	77	80	82	74	65	70	73	72	72	72	61	57	51	63	68	63	56	58	48	46	52	51	61	61	61	64.8
	Minimum	54	54	50	41	33	31	36	38	42	55	31	38	35	48	50	59	40	37	37	40	34	40	43	36	39	39	41	41	41	41	29	40.9
Coudersport	Maximum	76	62	50	56	60	75	80	82	76	65	68	80	78	60	63	50	39	41	57	67	65	55	50	48	40	40	50	46	57	56	59	59.3
	Minimum	48	42	34	30	25	20	27	30	20	28	23	24	26	50	46	48	31	30	32	34	30	34	39	38	34	33	31	40	38	41	27	33.6
Curwensville[5]	Maximum	65	63	51	54	56	65	73	74	71	58	60	70	67	58	55	55	35	36	39	54	65	51	43	44	37	37	45	42	54	54	54	54.4
	Minimum	54	41	36	33	29	32	42	42	44	36	37	37	39	50	50	33	30	29	32	33	34	42	38	37	32	33	33	37	36	29	27	36.7
Derry	Maximum	68	72	62	60	63	71	75	76	75	68	72	79	79	68	69	65	42	42	44	58	73	65	48	49	46	44	47	47	62	58	63	61 6
	Minimum	54	55	35	36	29	29	35	37	39	43	47	35	39	59	54	41	36	36	37	40	28	47	44	42	39	39	37	39	42	39	30	40 1
Donora[3]	Maximum	73	74	62	60	65	76	79	81	79	71	73	79	83	74	63	63	45	48	47	58	75	64	53	49	49	44	48	50	65	60	60	63.5
	Minimum	57	56	41	43	34	36	42	43	45	48	48	41	43	63	58	43	42	38	37	39	32	53	44	43	37	40	40	43	45	42	45	43.9
Eagles Mere [2]	Maximum	60	68	50	53	52	62	77	74	77	55	58	65	66	58	64	61	38	42	44	59	59	52	46	46	42	37	45	48	56	54	48	55.1
	Minimum	43	51	41	37	32	32	34	43	50	36	33	33	37	41	51	50	35	31	30	29	30	37	37	35	33	32	32	36	36	36	36	36.9
Ebensburg[2]	Maximum	61	65	53	53	56	68	72	75	70	60	71	71	70	63	62	60	36	40	38	52	67	55	43	45	36	38	46	41	56	55	56	55.9
	Minimum	50	52	35	35	29	27	29	37	42	40	39	36	31	39	52	52	32	30	32	33	27	28	41	38	35	34	35	35	35	28	22	35.8
Emporium	Maximum	76	68	56	58	61	75	81	82	78	67	65	77	74	65	58	66	50	41	45	58	70	52	49	48	44	43	51	49	60	59	61	60.9
	Minimum	50	54	36	30	28	24	27	34	32	30	23	30	27	53	50	50	35	34	35	37	29	38	44	40	32	37	33	43	41	43	27	36.3
Ephrata	Maximum	61	73	69	66	65	70	82	84	80	65	70	74	73	73	71	61	55	52	63	68	57	55	57	50	45	53	53	63	55	61	64	64.2
	Minimum	50	54	47	41	35	32	37	42	44	50	30	34	36	52	61	60	41	38	37	39	39	43	48	37	40	40	43	48	43	44	32	42 8
Erie[3]	Maximum	68	63	53	56	57	68	71	68	69	54	70	81	79	66	59	52	43	43	46	50	59	56	49	48	45	46	47	46	61	51	54	57.4
	Minimum	55	53	47	47	45	42	56	54	50	39	44	49	55	49	48	42	34	34	42	41	39	47	44	42	39	38	38	45	42	44	42	44.7
Everett[3]	Maximum	65	70	62	59	62	73	78	81	79	65	57	72	72	62	71	64	44	51	44	58	71	60	54	54	43	43	56	49	64	62	58	61.4
	Minimum	55	49	40	32	28	28	27	36	38	37	33	28	31	58	58	40	38	31	40	36	29	43	46	42	38	38	40	33	42	34	30	37 4
Ford City[6]	Maximum	72	73	63	62	62	72	77	78	76	70	71	79	79	69	60	59	46	43	43	58	72	55	49	51	47	44	49	50	62	60	61	61.7
	Minimum	41	53	35	31	30	28	30	34	32	39	29	31	31	53	45	30	34	31	34	36	26	44	43	40	42	35	33	39	30	41	27	35.7
Franklin[2]	Maximum	70	67	55	60	61	73	78	79	76	70	70	79	78	68	54	54	41	41	33	33	35	38	29	30	44	42	41	37	35	36	41	41	30	36.5
	Minimum	45	51	38	34	34	29	29	35	38	39	30	31	36	37	41	41	33	33	35	38	29	30	44	42	41	37	35	36	41	41	30	36.5
Fredericksville	Maximum	64	70	65	65	60	66	79	75	76	64	60	65	69	72	73	65	62	68	51	56	65	60	53	54	53	42	53	54	61	58	55	62.5
	Minimum	51	58	47	42	32	29	36	42	42	46	26	30	33	46	59	60	40	32	32	34	37	38	45	35	38	38	41	47	42	41	29	40.8
Freeland	Maximum	59	61	55	55	55	62	73	75	73	60	60	65	65	62	67	66	57	50	43	42	60	58	53	47	42	40	45	49	55	53	50	56.5
	Minimum	51	51	41	35	33	33	47	54	58	37	30	35	40	52	61	46	35	34	32	32	35	35	35	37	33	36	36	43	38	41	34	40.0
George School[6]	Maximum	68	76	68	63	65	69	81	82	81	61	62	69	74	76	69	75	59	55	57	59	69	56	60	58	50	50	55	53	62	60	60	64.6
	Minimum	54	60	51	45	36	34	44	41	45	42	31	30	33	50	58	59	45	42	38	38	37	37	37	40	40	41	41	49	42	42	35	42.5
Gettysburg	Maximum	64	74	71	62	62	68	81	82	82	79	63	68	70	68	72	71	59	54	50	60	67	65	57	58	53	44	55	54	64	63	58	64.5
	Minimum	57	58	47	41	35	34	39	42	46	50	30	33	36	53	61	58	42	36	43	40	36	43	51	47	42	40	42	47	45	46	32	43.6
Gordon	Maximum	64	68	61	59	58	67	78	79	75	70	60	68	68	67	69	67	58	51	47	55	63	59	50	53	49	48	47	48	59	57	52	60.3
	Minimum	54	58	42	35	27	25	35	35	35	47	25	29	30	44	58	57	38	35	34	36	32	35	44	41	37	39	39	47	42	37	29	38 7
Greensburg	Maximum	75	71	66	59	60	67	76	78	75	70	71	70	80	72	65	64	43	44	45	57	72	60	49	50	49	48	48	49	62	60	62	61.7
	Minimum	42	49	30	32	24	23	27	31	33	43	50	30	29	55	49	41	37	36	38	41	24	45	44	42	40	39	38	35	43	47	28	37.6
Hanover[2]	Maximum	62	73	70	62	61	67	80	79	79	75	63	68	71	68	71	68	59	51	49	61	67	62	56	54	44	46	52	50	64	59	57	62.8
	Minimum	51	58	44	42	36	36	37	44	49	50	35	36	41	44	61	61	36	36	37	41	38	38	49	46	42	40	41	43	43	46	34	43.1
Harrisburg[3]	Maximum	62	72	60	62	62	70	80	84	81	62	64	72	72	69	71	69	49	52	49	61	67	61	53	54	49	47	52	52	65	59	57	62.5
	Minimum	58	56	47	45	39	36	44	47	49	44	35	36	41	55	62	48	41	39	42	42	41	43	46	43	41	41	42	47	46	45	37	44.5
Hawley	Maximum	63	66	58	56	55	68	78	79	76	66	63	71	70	67	70	72	66	50	48	45	56	55	5	54	46	43	52	51	58	56	55	60 2
	Minimum	52	58	41	34	29	24	30	36	35	39	20	26	30	44	57	59	42	39	34	35	34	30	31	41	35	39	41	48	42	46	37	38.3
Holtwood[3]	Maximum	64	70	64	63	61	68	74	79	79	59	64	67	66	73	73	72	51	54	51	59	66	64	54	55	50	47	52	52	64	62	56	62.4
	Minimum	57	59	48	48	45	41	45	52	54	44	39	43	45	55	62	51	45	43	44	45	44	48	48	43	45	44	46	48	45	42	37	46.9
Huntingdon	Maximum	67	71	65	61	64	72	82	82	79	65	65	73	74	65	70	65	52	49	49	60	70	58	52	53	47	44	53	49	63	63	59	62.6
	Minimum	55	57	38	35	29	28	30	35	35	44	29	29	33	53	58	52	39	36	40	39	31	41	47	44	39	39	40	44	45	47	26	39.9
Indiana	Maximum	78	70	65	58	58	69	76	75	73	71	68	77	75	72	62								70						49	67	60	59	§
	Minimum	51	53	40	35	29	32	35	38	38	42	42	40	42	53	50								30						38	32	39	27	
Irwin	Maximum	79	73	65	62	61	66	75	79	77	70	72	79	80	76	64	61	42	43	44	56	72	71	48	50	49	43	45	48	62	62	62	62.5
	Minimum	47	52	32	33	25	25	33	36	36	39	37	32	33	55	50	41	34	33	35	38	25	45	41	40	37	36	35	35	40	45	28	37.2
Johnstown[6]	Maximum	68	68	59	56	58	72	74	76	74	68	64	76	78	64	64	63	44	42	41	53	72	59	46	50	44	41	46	45	60	57	60	59 3
	Minimum	53	55	39	37	28	28	32	37	37	42	37	31	32	52	52	44	33	33	34	38	27	45	41	40	36	37	36	40	40	45	36	38 4
Kane[3]	Maximum	72	60	49	57	56	69	74	75	74	65	65	75	72	60	55	63	39	39	41	53	64	50	47	45	39	41	48	44	56	53	56	56.6
	Minimum	39	32	31	26	20	19	28	30	29	28	22	25	28	48	35	39	31	32	33	27	22	38	38	38	5	32	32	37	38	28	25	31.1
Lancaster	Maximum	63	71	70	64	62	65	72	77	78	73	60	65	68	72	72	71	61	55	53	61	64	62	58	56	55	47	54	61	65	64	59	63.8
	Minimum	54	57	45	41	34	31	35	35	41	46	29	32	33	46	59	58	39	35	34	37	33	40	45	34	40	40	43	48	40	40	28	40 4
Lawrenceville	Maximum	65	61	55	56	56	72	80	82	80	69	65	76	72	65	64	60	55	45	46	58	63	60	49	47	44	42	48	48	61	67	64	60 5
	Minimum	54	54	46	35	30	29	33	37	35	33	25	28	29	54	50	49	39	36	36	35	33	39	42	40	36	37	35	45	43	41	37	38.5
Lebanon[2]	Maximum	62	72	63	63	61	70	81	83	81	76	64	70	71	71	72	71	58	55	50	62	70	57	54	55	65	45	52	52	65	55	57	64.0
	Minimum	53	57	47	44	35	32	35	42	44	51	33	36	37	41	60	61	40	38	36	39	36	39	46	38	40	40	42	44	44	41	29	41.9
Lewistown[2]	Maximum	63	62	61	60	63	70	80	81	79	61	63	69	72	64	70	71	72	56	42													§
	Minimum	43	47	37	33	32	21	31	26	30	31	23	24	35	42	52	50	35	34	41	40	35	35	47	37	37	39	41	42	45	42	31	36.6
Lock Haven[6]	Maximum	63	69	60	62	65	72	82	83	80	63	67	71	74	65	62	62	48	47	49	64	71	54	52	53	48	42	54	49	62	62	58	61.7
	Minimum	43	47	37	33	32	21	31	26	30	31	23	24	35	42	52	57	48	40	37	36	40	37	43	45	43	39	40	40	46	45	41	40.9
Mahanoy City[6]	Maximum	56	59	44	37	30	31	35	40	40	40	29	31	36	52	57	58	39	36	40	37	43	45	43	39	40	40	46	45	41	30	42	64.9
	Minimum	43	47	37	33	32	21	31	26	30	31	23	24	35	42	52	57	48	40	37	36	40	37	43	45	43	39	40	40	46	45	41	40.9
Marcus Hook[3]	Maximum	68	77	66	62	65	66	79	80	82	67	60	66	71	77	72	74	56	58	56	60	67	65	59	60	53	51	56	57	62	62	58	64.9
	Minimum	57	61	51	49	45	43	51	54	56	46	39	41	47	57	61	55	47	47	43	44	45	49	49	46	44	45	49	51	46	47	42	48.6

Continued on page 76.

Daily Temperatures for October, 1943 Continued from page 75

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Martinsburg[5]	Maximum	61	63	60	57	60	69	75	79	73	61	59	70	69	63	65	61	40	42	41	55	68	56	47	48	41	41	54	16	59	58	54	58.1
	Minimum	53	45	41	36	31	30	42	46	46	43	31	34	35	56	56	38	36	33	37	38	33	46	43	41	37	37	38	42	42	46	31	40.1
Mauch Chunk	Maximum	61	61	...	59	56	62	75	76	75	61	56	61	65	66	69	65	...	64	49	51	58	60	56	53	48	44	52	52	57	...	...	59.7[4]
	Minimum	54	58	....	40	30	26	30	35	35	47	22	27	33	40	58	59	....	31	37	35	39	32	40	40	37	39	41	48	42	....	....	39.0[4]
Meadville[2]	Maximum	71	65	54	57	61	73	80	78	77	67	73	79	76	68	54	51	39	39	44	56	70	50	47	48	41	45	46	50	61	56	56	59.2
	Minimum	44	50	37	33	32	27	27	35	35	36	30	37	38	49	37	40	32	32	33	37	28	28	42	40	38	37	36	37	40	10	27	35.9
Mercer[5]	Maximum	76	75	55	58	58	69	76	75	73	65	70	77	74	66	50	50	34	41	42	54	67	53	47	47	38	45	44	52	60	55	56	58.1
	Minimum	49	44	38	31	27	25	33	37	38	34	32	41	37	38	35	34	26	29	34	27	27	47	40	34	35	35	35	33	39	27	28	34.5
Middletown[3]	Maximum	63	72	64	63	62	67	76	77	80	62	62	69	72	71	75	74	51	54	50	61	68	60	52	55	48	46	58	52	64	58	57	62.5
	Minimum	56	52	44	42	38	34	36	41	46	40	38	35	39	54	62	47	42	40	40	42	39	43	42	41	41	40	42	47	47	39	33	42.5
Midland[3]	Maximum	77	70	60	58	60	68	75	76	74	67	70	79	78	68	55	53	43	48	46	55	65	58	51	53	48	46	48	53	63	59	60	60.8
	Minimum	51	52	44	38	34	35	40	42	40	46	42	43	45	49	41	39	37	38	37	39	33	47	44	44	39	39	39	39	41	41	35	41.1
Montrose[2]	Maximum	65	60	47	54	51	65	76	76	75	55	59	67	68	62	67	66	44	46	43	42	52	58	45	45	41	40	50	48	56	54	48	55.6
	Minimum	43	52	43	35	33	30	34	46	47	36	32	33	37	44	51	50	37	34	32	34	34	33	33	37	35	33	33	38	39	39	36	37.8
Mt. Lebanon[6]	Maximum	71	70	60	59	62	71	79	80	78	67	72	72	78	66	58	59	41	45	43	55	71	58	48	53	46	42	45	50	63	58	60	60.6
	Minimum	56	51	41	38	30	30	43	43	44	47	43	44	47	55	47	37	35	35	36	40	30	46	43	42	38	38	37	38	42	43	36	41.1
Mt. Pocono[5]	Maximum	59	59	55	53	53	65	76	76	76	59	68	66	65	63	66	63	47	42	44	40	55	51	49	47	38	40	51	48	54	51	53	55.9
	Minimum	51	50	39	35	28	26	43	44	47	29	25	31	38	50	57	47	36	33	34	34	36	35	36	36	32	35	40	40	39	36	33	37.9
New Castle	Maximum	79	78	70	60	62	68	78	77	76	74	72	81	79	75	66	52	51	48	43	59	70	68	50	50	50	44	44	51	62	61	56	63.0
	Minimum	46	51	37	32	30	29	36	34	37	43	31	36	37	57	36	48	35	37	36	38	28	16	44	43	41	38	38	37	41	49	36	38.7
Palmerton[3]	Maximum	63	68	60	61	60	69	81	81	78	60	61	67	70	72	72	71	49	50	51	53	66	56	54	55	44	44	54	54	62	54	55	61.1
	Minimum	54	56	46	43	34	30	35	40	40	32	28	33	37	56	63	49	42	40	40	40	40	39	43	43	39	40	44	47	46	40	32	41.6
Park Place[5]	Maximum	58	60	51	53	53	61	73	74	70	56	54	62	62	63	64	61	40	45	43	50	58	48	46	48	37	39	47	47	55	51	48	54.1
	Minimum	55	46	39	36	34	35	50	54	49	36	34	39	45	52	58	40	34	34	31	33	38	42	39	37	33	36	37	40	39	36	33	40.1
Philadelphia Airport Station[3]	Maximum	66	75	67	62	62	66	79	82	81	58	60	67	71	76	72	75	52	54	54	58	66	58	57	56	49	52	56	56	61	58	57	63.3
	Minimum	56	58	50	47	41	39	45	45	44	40	35	37	40	50	57	52	45	44	41	41	40	45	47	41	44	45	50	48	45	40	36	44.8
City Office[3]	Maximum	66	75	67	62	63	66	80	80	80	65	62	67	73	75	70	73	53	53	53	58	67	57	56	56	50	51	55	55	60	59	59	63.4
	Minimum	57	58	52	50	46	44	50	57	55	47	41	45	50	59	62	53	45	46	42	44	47	50	49	45	45	45	51	48	45	48	44	49.0
Franklin Institute[2]	Maximum	66	74	66	61	61	66	80	82	81	54	60	67	72	77	70	76	51	54	53	57	67	57	56	56	48	51	54	55	61	58	57	62.8
	Minimum	50	62	54	48	43	41	47	53	55	49	42	42	46	51	62	63	46	45	42	42	44	48	50	45	45	45	47	39	48	51	45	48.1
Shawmont	Maximum	66	74	68	63	63	67	80	80	80	65	61	68	70	74	74	75	62	55	54	57	67	58	57	56	55	49	54	55	62	60	57	64.1
	Minimum	55	60	53	48	40	35	41	47	47	48	33	36	39	50	57	61	46	43	40	41	43	43	49	38	42	43	46	50	43	49	32	45.1
Philipsburg[5]	Maximum	60	65	56	56	57	70	74	76	72	55	56	68	66	58	59	58	37	41	40	54	64	54	45	44	38	38	47	45	55	55	54	55.4
	Minimum	52	32	31	24	18	17	35	31	32	28	37	32	36	52	52	35	32	31	34	31	23	42	38	37	33	34	35	38	38	30	26	33.7
Phoenixville	Maximum	68	84	76	70	69	74	89	88	85	68	64	70	73	75	72	78	68	70	62	67	70	75	67	69	64	51	58	61	62	57	60	69.8
	Minimum	55	59	49	48	32	29	35	40	39	44	26	29	32	47	45	62	45	41	37	37	39	34	48	35	33	42	44	51	41	47	29	41.1
Pittsburgh Arpt Sta.[3]	Maximum	70	70	59	58	61	66	76	78	73	66	70	76	78	64	60	54	40	45	43	57	72	59	48	50	43	42	44	49	61	60	59	59.7
	Minimum	55	51	44	39	36	40	42	49	49	47	44	45	49	54	50	36	36	35	37	41	38	46	43	43	38	37	37	41	41	40	39	42.6
Pittsburgh City Office[3]	Maximum	73	70	61	60	61	67	78	80	75	67	72	76	78	66	61	56	42	47	45	57	72	58	50	52	44	45	47	52	63	59	59	61.1
	Minimum	57	52	46	42	37	38	44	47	48	50	44	45	46	54	52	38	38	37	40	42	36	49	45	45	40	39	39	42	43	40	38	43.6
Port Clinton[2]	Maximum	65	70	60	60	65	66	78	80	76	60	60	64	69	70	71	68	48	51	50	57	64	53	58	55	54	46	50	52	60	64	64	61.4
	Minimum	55	58	47	41	31	28	30	35	39	41	26	28	33	54	58	58	43	34	34	38	38	38	39	40	39	40	41	42	44	45	30	40.2
Putneyville[6]	Maximum	75	72	57	61	61	73	79	79	76	66	69	77	76	65	58	58	46	41	45	57	68	57	49	50	48	46	46	46	61	59	58	60.6
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pymatuning Dam[2]	Maximum	74	65	55	57	59	72	80	77	77	65	72	79	76	67	55	50	40	42	43	55	68	50	52	47	43	47	45	64	62	55	58	59.7
	Minimum	43	48	39	29	31	25	28	34	35	35	31	36	40	46	33	44	30	30	37	36	25	30	31	40	28	36	35	33	38	40	26	34.6
Quakertown	Maximum	65	71	65	60	59	63	76	78	77	68	58	64	68	72	72	73	60	52	52	54	63	55	54	56	51	50	54	54	59	55	54	61.7
	Minimum	51	56	45	44	31	25	33	36	37	43	21	26	29	45	56	57	41	38	39	37	37	34	40	36	38	39	41	47	40	41	31	39.2
Reading[3]	Maximum	64	71	65	65	62	68	80	82	79	62	63	68	71	73	73	69	50	53	52	60	66	56	55	55	49	46	53	53	63	55	59	62.6
	Minimum	56	57	47	46	41	36	46	47	49	41	34	38	40	56	62	50	44	41	39	41	43	46	44	43	42	41	46	48	46	46	39	45.1
Ridgway[2]	Maximum	75	65	55	59	62	73	80	81	75	65	69	77	76	62	58	64	39	40	44	58	70	51	48	48	40	43	57	46	59	57	58	59.8
	Minimum	41	50	34	28	27	24	24	26	32	32	21	23	27	26	43	44	33	32	33	33	26	26	42	38	37	36	31	33	39	40	26	32.5
Scranton[3]	Maximum	65	65	53	58	55	67	78	78	76	59	64	69	72	68	72	72	49	49	48	46	57	55	50	49	44	44	51	52	58	55	52	59.0
	Minimum	55	53	44	40	34	30	37	44	42	41	32	34	37	55	61	49	40	39	39	39	40	37	43	43	39	40	43	45	44	43	38	41.9
Selinsgrove	Maximum	70	72	66	62	63	66	80	79	79	70	61	67	70	78	72	71	61	50	49	63	67	60	55	54	51	44	51	51	62	60	61	63.4
	Minimum	53	57	39	41	29	30	32	38	36	42	29	30	36	40	38	49	40	39	33	40	40	38	46	40	41	40	41	47	46	46	31	39.6
Sharon	Maximum	83	79	70	60	63	75	82	81	81	81	75	81	81	80	63	54	50	50	44	59	72	71	52	51	50	44	44	55	65	65	61	65.2
	Minimum	53	55	46	40	36	31	41	40	43	42	37	42	44	50	41	40	37	37	40	40	31	51	49	47	41	40	40	41	44	39	35	41.7
Somerset	Maximum	69	68	64	56	58	74	73	78	73	66	68	77	71	66	65	63	40	43	42	55	73	57	44	47	45	42	46	44	59	54	64	59.3
	Minimum	51	49	31	31	20	35	35	33	34	33	35	28	26	54	54	40	33	30	33	38	22	44	40	39	33	35	36	35	38	44	24	35.9
Springs[6]	Maximum	62	62	57	55	56	69	70	75	71	60	59	73	69	60	62	60	35	48	48	52	70	60	44	43	43	40	41	42	55	54	60	56.7
	Minimum	52	51	31	31	23	26	29	35	40	37	35	30	31	50	53	34	30	30	32	35	27	43	39	38	33	35	35	32	36	38	34	35.6
State College[3]	Maximum	61	64	58	58	60	70	77	80	74	59	61	71	69	64	61	65	42	44	44	58	67	54	49	48	42	40	49	48	58	60	54	58.4
	Minimum	54	48	42	40	33	32	44	47	48	40	40	35	37	56	56	40	36	37	39	37	35	47	45	42	36	37	38	44	42	42	31	41.3
Stroudsburg	Maximum	66	72	71	70	63	70	84	85	81	77	62	69	72	73	73	74	74	53	54	52	65	65	57	57	57	46	55	55	61	61	58	65.5
	Minimum	54	60	42	42	32	27	33	38	37	46	25	27	35	45	57	61	44	40	36	35	32	33	32	39	39	40	43	50	46	39	35	40.1
Tamarack[2]	Maximum	61	62	50	53	55	67	75	75	72	56	59	68	66	58	55	57	35	36	41	55	59	48	43	44	35	36	45	44	56	56	52	54.0
	Minimum	49	51	40	35	31	32	34	44	46	31	29	34	37	45	51	47	31	29	29	31	32	34	40	36	32	32	32	34	36	36	29	36.4
Towanda	Maximum	65	64	53	60	58	73	82	83	80	58	67	72	75	67	62	69	57	49	51	50	64	60	52	52	45	43	48	49	62	60	55	60.8
	Minimum	53	51	46	35	32	28	31	36	35	39	25	27	29	58	53	53	41	37	35	35	34	34	42	42	38	38	38	45	44	44	36	39.0
Uniontown	Maximum	74	66	64	58	61	67	74	78	78	72	75	78	83	75	68	64	44	51	51	56	76	65	51	48	47	45	48	47	64	59	62	62.9
	Minimum	55	56	38	41	30	30	35	39	45	43	48	40	42	60	55	42	38	35	37	35	30	51	45	44	42	41	39	41	42	48	40	42.2
Vandergrift [3]	Maximum	75	76	62	64	64	67	79	78	78	69	74	79	81	67	59	59	43	45	50	75	59	58	51	52	47	45	48	53	64	63	64	62.8
	Minimum	51	52	36	37	32	31	34	38	37	42	33	35	35	57	51	40	38	35	41	30	48	47	46	44	39	38	38	41	44	37	31	39.9
Warren	Maximum	74	66	58	60	62	75	82	82	79	68	74	82	78	68	60	60	51	40	43	58	69	59	49	47	43	44	48	46	60	58	62	61.5
	Minimum	45	56	40	34	32	27	34	37	36	34	30	33	36	54	41	48	34	34	34	34	30	42	40	40	37	37	33	40	40	42	32	37.6
Waynesburg	Maximum	76	73	68	59	64	73	76	81	81	73	77	81	81	77	61	55	42	53	54	60	77	72	49	53	49	43	46	46	63	61	67	64.2
	Minimum	46	46	36	37	27	27	31	36	38	38	35	34	36	57	50	38	35	34	37	34	27	49	44	43	40	38	37	35	41	48	38	38.5
Wellsboro[2]	Maximum	62	62	49	53	56	68	79	77	78	59	77	70	65	54	62	42	42	43	57	64	58	46	49	40	39	47	47	59	57	54	56.0
	Minimum	42	52	45	38	27	24	27	30	31	31	22	22	24	27	52	49	36	33	32	33	29	29	41	39	35	35	32	34	41	41	35	34.5
West Chester	Maximum	64	74	67	63	62	67	79	82	80	59	62	68	71	76	72	76	60	56	55	59	66	56	55	55	47	46	53	53	62	56	58	63.2
	Minimum	52	57	50	44	38	35	41	47	49	45	33	35	39	51	57	60	41	40	37	38	39	44	48	37	40	41	43	48	40	45	30	43.4
Wilkes-Barre[5]	Maximum	64	66	60	59	57	67	79	80	78	61	64	70	72	68	73	71	59	51	52	50	59	54	54	52	45	45	51	52	59	57	55	60.8
	Minimum	55	60	45	39	30	28	34	40	40	46	27	31	35	54	60	59	42	42	38	38	32	38	42	45	38	40	40	48	45	44	42	41.8
Williamsport	Maximum	67	70	59	62	64	70	80	81	80	68	68	69	70	68	65	64	55	50	57	62	68	58	53	59	51	44	50	51	62	61	58	62.5
	Minimum	55	58	46	37	32	30	35	41	40	38	30	30	35	54	56	53	40	38	31	37	38	41	45	41	38	39	40	47	44	46	32	40.9
Woodward[5]	Maximum	57	60	51	54	54	62	74	74	72	55	57	66	64	58	63	60	37	39	40	54	60	49	43	44	37	37	44	45	54	53	49	53.7
	Minimum	53	46	39	36	31	34	49	50	46	35	35	38	44	50	54	36	32	32	33	38	43	35	36	32	34	35	38	38	35	32	38	38.7
York	Maximum	62	75	71	66	65	71	82	85	83	80	66	71	71	72	71	70	61	55	50	62	69	69	57	55	52	45	52	52	65	64	60	65.5
	Minimum	56	56	42	38	31	31	35	39	42	46	29	33	35	55	60	60	39	34	40	39	37	39	42	34	42	41	42	48	43	47	28	41.4

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [6] At a fixed hour between sunset and 11:00 p. m.
[a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

Daily Evaporation(inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Pymatuning Dam.. (a. m.)	Evaporation	.096	.106	.109	.031	.049	*	.144	.103	.094	.098	.142	.101	.093	.133	.092	.074	.036	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§
	Wind movement	24	31	40	36	29	20	13	15	15	44	22	24	26	54	34	54	81	107	54	....	....	....	....	....	....	....	....	....	....	....	....	§
Shaver Creek..... (p. m.)	Evaporation	.038	.032	.104	.148	.094	.096	.106	.078	.170	.142	.112	.080	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§
	Wind movement	54	27	32	47	15	3	11	2	36	35	16	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§
Wallenpaupack... (a. m.)	Evaporation	.053	*.029*	.161	*.001*	.087	.075	.126	.117	.113	.146	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2344
	Wind movement	75	37	71	55	48	59	23	8	103	96	19	2	80	55	40	50	100	200	150	244	19	57	49	105	36	89	75	30	135	199	35	

Italics mean minus quantity.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

UNIVERSITY OF ILLINOIS

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. NOVEMBER 1943. No. 11.

GENERAL SUMMARY.

For the third successive month, the average temperature for the State was nearly 3° below normal and the accumulated average daily deficiency for the year was increased to 0.6°. It was the ninth coolest November of record and the coolest since 1936. Only 5 stations, in the extreme south portion, reported averages above their normals. Highest temperatures were recorded on the 1st in the west part and about the 8th elsewhere. Lowest minima occurred at most stations on the 29th, although temperatures as low or lower were reported on the 17th at some stations.

Precipitation was about normal, in amount and in frequency of occurrence. The accumulated deficiency for the year is now 1.97 inches. Most eastern stations reported amounts in excess of their normals, the accumulated surplus being sufficient to counterbalance deficiencies in the west portion. Most of the precipitation occurred in the first half of the month. All stations reported their greatest 24-hour amounts during that period. The storm of the 8th produced most of November's precipitation. At about 80% of the stations reporting, this storm produced the greatest 24-hour measurements of the month. East of a line extending northeastward from Arendtsville to Tunkhannock, the rate of fall was excessive and a number of mountain stations east of the Susquehanna River reported their greatest November 24-hour amounts of record.

Snowfall at northern stations was well above normal, two stations reporting more than a foot of snow. However, the majority reported less than 1.0 inch and most stations in the southern half had no more than a trace.

The rains of October and early November benefited farm lands which had dried out during the prolonged drought of the summer. Toward the close of the month, they were in excellent condition for fall plowing for spring planting but the imminence of freezing weather permitted scant time for this work.

G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 78 stations was 38.7°, which is 2.6° below the 56-year normal for November. The highest monthly mean was 46.4° at Marcus Hook, and the lowest was 32.0° at Kane. Extremes ranged from a maximum of 79° at Donora, Lewistown, and Uniontown on the 1st to a minimum of 7° at Black Moshannon Airport on the 29th.

PRECIPITATION.

The average precipitation for the State as deduced from the observations at 201 stations was 2.87 inches, which is 0.01 inch above the 56-year normal for November. The greatest monthly amount was 7.02 inches at Mauch Chunk, while the least was 0.99 inch at the Pittsburgh City Office of the Weather Bureau. The greatest amount recorded in any 24 consecutive hours was 5.10 inches at Gordon on the 8-9th.

The average snowfall for the State was 2.2 inches, which is 0.5 inch below the 56-year normal. The greatest monthly snowfall was 15.3 inches at Bradford. The greatest fall for any observational day was 7.0 inches at Montrose on the 16th.

ERRATA

October, 1943.—Page 71, Lewistown, number of days with precipitation of 0.01 inch or more should be 14; York, total precipitation should be 8.07 inches, departure, +5.03 inches. Page 73, York, precipitation measurement on the 28th should be 1.23 inches; total should be 8.07 inches.

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	42.2	79	4	3.37	2.1	11	9	7	14
1889	41.8	73	10	6.72	0.7	15	5	8	17
1890	41.8	78	10	1.49	0.5	8	9	10	11
1891	39.7	76	6	2.65	1.2	9	9	8	13
1892	39.0	80	10	4.34	8.6	12	6	8	16
1893	39.2	68	−4	2.93	2.4	8	8	11	11
1894	38.2	74	6	2.50	5.3	9	10	9	11
1895	42.9	78	6	2.48	0.5	10	10	8	11
1896	46.0	83	12	3.55	1.1	10	8	9	13
1897	41.6	76	2	5.28	2.6	14	6	8	16
1898	40.0	73	8	4.03	6.9	11	8	9	13
1899	41.5	72	7	2.66	1.2	7	10	8	12
1900	43 5	79	7	4.10	3.1	12	6	9	15
1901	36.0	76	9	2.56	3.1	8	7	8	15
1902	47.3	78	0	1.53	1.5	8	10	8	12
1903	36.9	78	2	2.18	1.4	7	11	8	11
1904	38.8	79	−4	1.14	3.5	6	10	9	11
1905	39.1	68	5	2.47	0.9	9	11	8	11
1906	41.5	80	9	1.48	4.0	8	12	6	12
1907	39.8	70	4	3.60	2.9	10	13	8	9
1908	41.2	75	−2	0.90	5.0	5	12	8	10
1909	46.4	80	15	1.40	1.9	7	12	8	10
1910	36.8	68	9	2.45	8.5	11	4	7	19
1911	37.8	77	7	2.84	3.7	10	7	7	16
1912	43.0	81	7	2.17	1.9	7	10	8	12
1913	43.9	79	10	3.05	4.5	11	10	5	15
1914	40.6	81	−2	1.76	1.5	6	12	9	9
1915	42.1	79	13	2.18	1.3	10	10	9	11
1916	41.3	79	4	2.27	1.6	9	13	6	11
1917	37.6	69	−5	0.63	1.4	5	14	7	9
1918	42.1	76	11	2.03	T.	7	12	6	12
1919	41.2	76	11	5.35	2.3	12	11	7	12
1920	40.3	75	5	3.54	4.5	11	7	7	16
1921	42.3	80	3	5.75	1.4	16	5	7	18
1922	42.9	73	12	1.21	1.8	9	10	7	13
1923	40.7	70	10	2.83	0.3	10	12	5	13
1924	40.7	78	−9	1.54	2.9	7	12	8	10
1925	39.5	71	4	3.56	2.2	10	11	7	12
1926	40.4	79	−1	4.49	0.9	10	9	7	14
1927	46.2	85	10	4.95	1.8	14	7	7	16
1928	43.4	81	4	2.32	2.3	12	7	8	15
1929	41.1	81	−10	3.39	1.9	12	8	8	14
1930	42.0	75	−15	1.48	2.3	9	10	7	13
1931	49.2	80	12	1.52	2.9	9	10	8	12
1932	39.4	75	−2	4.75	0.3	10	12	7	11
1933	38.1	88	−11	1.55	7.0	11	8	7	15
1934	44.9	80	6	3.61	1.8	12	9	7	14
1935	44.4	85	5	3.84	2.5	12	7	6	17
1936	38.6	78	2	2.40	3.4	8	9	8	13
1937	40.7	79	−3	2.56	2.0	11	11	7	12
1938	42.7	87	−13	3.10	10.9	10	13	7	10
1939	39.7	76	11	0.97	1.6	5	15	6	9
1940	41.3	78	9	4.04	5.8	13	6	6	18
1941	44.1	83	9	2.48	0.2	7	11	7	12
1942	41.8	82	0	3.35	1.8	14	9	8	13
1943	38.7	79	7	2.87	2.2	9	9	8	13
Period	41.3	87	−15	2.86	2.7	10	9	8	13

Climatological Data for November, 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	40.4	−2.0	68	8	19	29	3.29	+0.53	2.37	8-9	T.	5	12	15	3	ne.	Allent'n-Bethlehem Gas Co.
Altoona-5 W	Blair	1,615	56	37.6	−2.8	65	7	14	29	2.74	+0.32	1.64	8-9	T.	11	11	9	10	w.	City of Altoona.
Bethlehem	Northampton	364	57	42.6	−1.9	66	8	23	17	4.03	+1.16	3.11	8-9	0.1	7	11	5	14	nw.	Lehigh University.
Burnt Cabins-2 E	Huntingdon	990	2	37.4	.....	69	1	12	29	2.93	.....	1.96	8	T.	7	6	9	15	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	478	74	41.1	−0.5	67	7	15	29	2.37	+0.05	1.53	8	T.	6	16	5	9	sw.	Clarence E. Miller.
Chambersburg	Franklin	600	46	41.0	−1.4	67	8	19	29	2.96	+0.71	2.04	7-8	T.	6	6	16	8	nw.	William B Spear.
Coatesville	Chester	431	56	42.7	−0.1	67	7	22	17†	3.32	+0.38	1.96	8-9	T.	7	8	3	19	nw.	Howard L. Pyle.
Curwensville-6 NW	Clearfield	2,215	1	32.9	.....	61	1	14	16†	3.54	.....	1.24	7-8	7.0	16	9	5	16	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	2	33.4	.....	63	8	11	17	3.35	.....	1.23	8-9	2.8	16	13	2	15	§	Carl E. Bigger.
Emporium	Cameron	1,033	57	36.0	−3.3	68	1	17	17†	2.9‖	+0.06	1.23	8-9	2.8	16	13	2	15	§	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	46	42.9	−0.5	69	7	20	29	3.78	+1.52	2.76	8-9	T.	6	11	6	13	n.	Ira J. Keath.
Everett-1 SW	Bedford	1,020	21	38.7	−2.1	65	8	13	29	1.89	−0.12	0.90	8	1.5	7	10	10	10	ne.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	50	36.8	−0.5	61	8†	15	17	5.41	+2.28	4.61	8	0.5	6	9	1	20	w	Andrew B. Evansha.
George School	Bucks	184	37	42.6	−1.4	68	8†	20	29	3.51	+0.64	2.20	8-9	0.5	6	13	9	8	nw.	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	43.1	+0.6	68	19	20	29	4.60	+2.20	3.64	8-9	T.	7	13	13	4	nw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	38.6	−1.4	66	9	12	29	6.02	+2.84	5.10	8-9	1.0	7	11	6	13	ne.	Miss Sallie M. Johnson.
Hanover	York	600	39	42.5	−2.5	69	19	24	17†	3.67	+1.41	2.35	8-9	0.3	6	14	6	10	s.	Evening Sun.
Harrisburg Airport	York	351	74	41.7	−1.1	67	8	21	29	3.72	+1.46	2.93	8-9	T.	6	2	13	15	nw.	U. S. Weather Bureau.
Hawley	Wayne	900	25	36.8	−3.2	64	9	11	29	3.09	+0.46	2.38	8-9	1.4	8	10	7	13	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	28	43.6	−1.5	66	7†	24	29	2.77	+0.58	1.73	8-9	T.	6	9	12	9	nw	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	56	38.8	−2.9	66	7	13	29	2.24	+0.01	1.58	8-9	0.3	11	5	3	22	w.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	41.8	−1.3	68	9	16	29	3.70	+1.32	2.67	8-9	T.	6	20	5	5	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	36.6	−2.5	65	8	11	17	1.91	−0.36	1.32	7-8	2.0	7	8	7	15	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	40.6	−2.0	67	8	20	17	3.51	+1.00	2.53	8-9	T.	5	24	3	3	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	5	39.0	.....	79	1	13	30	2.13	.....	1.66	8	....	4	16	9	5	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	53	38.6	−3.4	66	8	18	17†	2.68	+0.57	1.62	7-8	4.4	8	11	6	13	e.	William R. Kelley.
Marcus Hook	Delaware	12	17	46.4	−1.4	70	8	27	29	3.98	+1.25	2.29	8-9	T.	6	26	2	2	w.	Sun Oil Co.
Martinsburg	Blair	1,493	1	37.6	.....	66	1	16	29	1.28	.....	1.09	7-8	.....	6	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose	Susquehanna	1,176	38	33.6	−1.7	62	8	10	17	3.76	+1.11	1.99	8-9	13.5	12	10	6	14	nw.	Harry S. Fancher.
Mt. Pocono Airport	Monroe	1,914	2	35.2	.....	62	8†	9	17	5.70	.....	4.49	8-9	0.7	10	2	15	13	w.	U. S. Weather Bureau.
Palmerton	Carbon	455	25	38.9	−3.1	66	8	16	29	3.65	+1.06	2.98	8-9	T.	6	12	6	12	w.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	2	43.9	0.0	69	8	25	17	3.72	+1.02	2.16	8-9	T.	7	7	14	9	nw	U. S. Weather Bureau.
Philipsburg‡-7 E	Centre	1,916	1	33.0	.....	60	8	7	29	3.56	.....	1.80	7-8	4.4	13	1	12	17	w	Phila.-Suburban Water Co.
Phoenixville	Chester	100	33	44.1	+0.2	75	9	17	29	3.25	+0.26	1.48	8-9	T.	7	14	8	8	w.	Earl E. Rarick.
Port Clinton	Schuylkill	407	5	38.8	−3.1	66	1†	14	29	4.73	+1.92	3.85	8-9	.....	4	24	5	1	n.	John E. Benner.
Quakertown	Bucks	480	58	39.0	−2.4	66	8†	17	29	3.56	−0.42	2.30	8-9	T.	7	10	14	6	nw.	U. S. Weather Bureau.
Reading	Berks	273	73	43.2	−0.6	70	8	23	29	3.49	+0.76	2.42	8-9	T.	6	5	11	14	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	49	38.6	−1.9	65	8	19	29	3.14	+0.37	2.37	8-9	1.7	10	5	8	17	n.	Dr. George E. Fisher.
Selinsgrove	Snyder	476	53	40.0	−1.8	66	8†	16	17†	2.88	+0.41	1.92	8-9	.....	7	14	9	7	sw.	Penna. State College.
State College	Centre	1,217	59	38.4	−1.7	65	8	20	17†	2.46	+0.15	1.78	8	0.9	10	5	12	13	sw.	Metropolitan Edison Co.
Stroudsburg	Monroe	440	29	40.2	−0.7	68	9	14	29	4.11	+0.92	3.53	8-9	T.	7	6	8	16	w.	James E. Swartz.
Tamarack Twr.	Clinton	2,250	3	33.4	.....	59	1†	15	17	3.40	.....	1.47	8	6.6	12	6	5	19	w.	Mrs. M. Ordelia Parks.
Towanda	Bradford	754	49	38.0	−1.8	66	7†	11	17	2.80	+0.66	1.44	8-9	6.2	9	6	13	11	nw	M. S. Bliss.
Wellsboro	Tioga	1,319	73	33.9	−3.7	63	8	12	17	2.51	+0.29	1.48	7-8	3.5	11	10	11	9	s.	Clyde T. Saylor.
West Chester	Chester	440	94	43.4	+0.2	67	9	22	29	3.14	+0.06	1.59	8-9	1.5	7	16	9	5	nw.	U. S. Communication Sta.
Wilkes-Barre	Luzerne	544	5	39.0	.....	67	8	18	29	3.59	+1.37	2.93	8-9	T.	8	2	12	16	sw.	John D. McEwen.
Williamsport	Lycoming	550	57	39.2	−2.0	65	2	19	29	3.15	+0.78	2.44	8-9	.....	6	6	14	10	w.	U. S. Weather Bureau.
Woodward-2 NE	Centre	2,208	2	34.6	.....	60	8	16	17	2.96	.....	2.35	7-8	1.0	9	1	10	19	w.	York Water Co.
York	York	400	55	42.8	−0.4	69	7	17	29	3.90	+1.67	2.57	8-9	0	6	13	13	4	w.	
Division mean			....	39.2	−2.1	79	1	7	29	3.32	+0.46	5.10	8-9	1.4	8	10	9	11	w.	
Ohio Drainage																				
Bradford	McKean	1,680	2	33.8	.....	68	1	9	15	2.88	−0.31	0.50	15-16	15.3	16	5	4	21	w.	City Water Dept.
Brookville	Jefferson	1,400	53	35.0	−2.6	69	1	15	29	1.76	−1.13	0.53	15-16	.....	11	2	9	19	sw.	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	38.2	−0.2	75	2	15	29	1.89	−0.91	0.89	15-16	0.9	11	7	20	3	w.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	33	37.0	.....	73	1	17	29†	1.81	−1.52	0.46	8	2.0	16	7	5	18	w.	Penna. Electric Co.
Claysville	Washington	1,170	38	37.1	−5.2	76	1	13	28	1.80	−0.70	0.57	15-16	T.	11	8	6	16	nw.	Walter B. Paget.
Coudersport	Potter	1,653	16	33.8	−2.6	65	1	8	17	2.68	−0.02	1.25	8-9	6.0	17	9	2	19	sw.	Philip R. Shaw.
Derry	Westmoreland	1,150	46	40.4	−2.2	78	1	18	29	2.55	−0.08	0.61	8	T.	11	8	8	14	w.	Miss N. Dixie Wineman.
Donora	Washington	761	17	41.7	−2.3	79	1	23	29	1.84	−0.33	0.65	2	T.	10	2	6	22	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	34.6	−3.9	65	1	14	29	2.75	−0.13	1.06	7-8	1.9	15	7	4	19	w.	Miss. Emma H. Eastman.
Ford City-4 SE	Armstrong	950	0	38.0[d]	.....	75[b]	1	17	29	1.76	.....	0.92	15-16	0	9	10	1	19	w.	U.S. Engineers.
Franklin	Venango	987	69	37.2	−2.3	74	1	20	29†	1.48	−1.45	0.54	8	2.0	13	5	9	16	n.	William K. Fuller.
Greensburg-2 S	Westmoreland	1,160	34	37.8	−5.1	77	1	12	29	2.08	−0.32	0.83	2	0.7	10	12	6	12	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	42	.....	.....	74	1	.....	.....	2.33	−0.44	0.75	7-8	T.	11	9	8	13	s.	Indiana State Teachers Col.
Johnstown	Cambria	1,650	61	38.0	−4.0	70	1	14	29	2.47	−0.41	0.88	7-8	3.6	12	11	6	13	nw.	Robert Tross.
Kane-1 N	McKean	1,750	28	32.0	.....	67	1	10	14	2.71	−0.47	0.66	8	13.1	17	6	3	21	w.	Spring Water Co.
Meadville	Crawford	1,065	49	36.2	−2.8	73	1	19	15	1.70	−1.84	0.49	8-9	7.7	14	7	2	21	sw.	City of Meadville.
Midland	Beaver	780	6	39.6	.....	75	1	21	30	2.08	.....	0.94	15	0.6	12	6	9	15	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	39.0	1.4	75	1	19	29	1.41	−0.94	0.41	8	1.0	9	3	12	15	w.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	39.5	−2.1	75	1	22	30	1.58	−0.71	0.60	15-16	3.0	12	3	9	18	w.	U. S. Weather Bureau.
Putneyville-2 SE	Armstrong	1,270	0	38.0	.....	74	1	15	29	2.39	.....	0.95	15-16	2.5	13	9	3	18	w.	U. S. Engineers.
Pymatuning Dam	Crawford	1,050	2	36.8	.....	75	1	19	17	1.95	.....	0.62	8-9	.....	13	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1,371	36	33.7	−4.4	70	1	11	29†	2.54	−0.16	0.63	15-16	4.8	15	6	5	19	s.	West Penn Power Co.
Sharon	Mercer	940	30	41.7	−0.2	76	1†	25	17†	1.09	−1.14	0.53	8	0.5	6	8	14	8	sw.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,190	76	36.8	1.8	72	1	10	29	1.90	−1.28	0.63	1-2	7.9	9	1	8	21	sw.	D. L. Grove.
Springs	Somerset	2,500	26	35.7	−2.9	70	1	8	14	2.21	−0.61	0.85	1-2	5.1	10	4	10	16	w.	Allen E. Yoder.
Uniontown	Fayette	1,060	55	42.5	−1.3	79	1	21	14	1.91	−1.02	0.87	2	1.0	10	10	6	14	sw	William W. Marsteller.
Vandergrift	Westmoreland	825	29	40.5	−2.2	77	1	19	29	1.55	−0.99	0.55	15	T	10	7	18	5	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	54	36.9	−2.4	72	1	17	15	2.27	−1.09	0.50	8	7.6	13	8	10	12	s.	Merrill L. Jordan.
Waynesburg	Greene	1,100	12	40.3	−3.2	78	1	13	29	1.40	−0.95	0.64	15-16	T.	4	4	12	14	w.	Thomas S Knox.
Division mean			....	37.6	−3.7	79	1	8	14†	2.03	−0.83	1.25	8-9	3.4	12	6	8	16	w.	
Lake Drainage																				
Erie	Erie	670	70	39.9	−1.5	74	1	27	16	2.09	−1.21	0.56	8-9	6.4	16	5	5	20	sw.	U. S. Weather Bureau.
State mean			....	38.7	−2.6	79	1	7	29	2.87	+0.01	5.10	8-9	2.2	9	9	8	13	w.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. • Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, [a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., missing from the record.

Figures and letters following station indicate distance and direction from the city and replace the previous designation 'near'. Locations not appearing here are shown in the Daily Precipitation Table. ‡ Philipsburg is Black Moshannon Airport.

Daily Precipitation for November 1943

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2]	Pike		.03	.30					.08	2.33												.41										3.33
Hawley[2]	Wayne			.35	T.				.07	2.31		.05	.01		.05		.08					.19	T.	T				1				3.69
Hollisterville[2]	Wayne			.33	T.		.01		T.	2.73		.11	.03		.16		.07	T.				.29	.02	.07				.03				3.86
Lakeville[2]	Wayne			.32	T.				.16	2.48	.01	.06	.03	1	.09		T.	.09				19	.03	.02	T.							3.48
Matamoras[2]	Pike			.61						1.77		.05					.19					.51										3.13
Mount Pocono[1, 5]	Monroe		.45	.02		T.			4.32	.17		.06		.09	T.	T.	.05	T.				.38	.04	.12				T.	T.			5.70
Pleasant Mount[‡]	Wayne		.40						2.70	.10		*	.20	.07	.01	.30	.16					.33	.06	.06	.02			.02				4.49
Stroudsburg	Monroe		.12	.36		T.			.86	2.67		.02		T.			.02					.06						T.				4.11
Tanners Falls[‡]	Wayne		.30						2.33	.17		.10				.17	.10					.26	.04	.01								3.48
LEHIGH																																	
Allentown[2]	Lehigh			.51					.02	2.35			T.				.01	T.				.40		T.								3.29
Bethlehem[‡]	Northampton		.37	.15					2.72	.39		T					.01															4.05
Blakeslee Corners[‡]	Monroe		.44	.02					3.86	.33							.03					.39	.03	.13								5.23
Gouldsboro[2]	Wayne			.39			.03		.07	3.88		.07	.03		.10		.04					.25			.15				.03			5.04
Lansford[2]	Carbon			.47					.45	4.48		T.	T.		T.	T.							.33		T							5.73
Mauch Chunk	Carbon		.20	.38					1.68	3.39		T.		T.	T.								1.37	T.								7.02
New Tripoli	Lehigh		.36	.14			T.		1.11	1.71		T.		.01			.02						.35	T.								3.70
Palmerton[‡]	Carbon		.28	.08					2.61	.37		T.		T.			.02	T.			29			T.								3.65
Zionsville	Lehigh		.36	.31					.96	1.98		.04		T.									.51	T.								4.16
SCHUYLKILL																																	
Conshohocken	Montgomery																																
Fredericksville[2]	Berks			.63					12	2.45		T.	.04		T.		T.	T.				.40		T.								3.62
Freeland[2]	Luzerne			.40			.03		.11	4.50	T.		T.	T	T	T.	T.					.31		.06				T.				5.41
Gratersford[2]	Montgomery			.87			.11			1.53			.18									.83		T.								3.52
Phoenixville[2]	Chester			.93			.03		*	1.48		*	.31		T.		T.					.50										3.25
Port Clinton[2]	Schuylkill			.45					.45	3.40		T.	T				T.	T.				.43										4.73
Pottstown[2]	Montgomery			.63					.03	2.75		T.	.11				.06					.46										4.04
Pottsville[2]	Schuylkill		*	.46			T.		.25	4.35		T.	.03		T.			T.				.32										5.41
Reading[‡]	Berks		.49	.12					2.11	.31		.01		T.			T.															3.49
Wernersville[6]	Berks		.40	.27					1.12	2.52		T.				T.					.45	.46										4.77
LOWER DELAWARE																																	
Coatesville[6]	Chester		.20	.65			.03		.85	1.11		.15										.33	T.									3.32
Doylestown	Bucks		.28	.64			T.		.43	.96		T.					T.					.37										2.68
George School[6]	Bucks		.41	.56			T.		.34	1.86	T	T.	T				T.					.31	.03									3.51
Marcus Hook[2]	Delaware			1.03			.02			2.29		.03	.31	T.			T.					.30										3.98
Philadelphia Airport Station[‡1]	Philadelphia		.70	.29		T.			1.30	.86		.22		T.			T.					.34	.01	T.								3.72
City Office[‡1]	Philadelphia		.45	.30		.01			.94	.66		.13		.03			T.					.27	.01	T.								2.80
Franklin Inst.[2]	Philadelphia			.94			.01			2.12		T.	.16				T.						.35	T.								3.58
Shawmont	Philadelphia		.20	.84			.02		.33	2.35		.13		T.									.30		T.								4.17
Quakertown	Bucks		.20	.54					.55	1.75		.07											.44		.01								3.56
West Chester[6]	Chester		.18	.79			.01		.36	1.23		.32		T.									.30										3.14
West Grove[2]	Chester			1.08	T.		.04		.04	1.85		.03	.07										.28										3.39
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[‡]	Tioga		.05						1.28			.09		.14	.09	.09						.18						.03				1.95
Centerville[2]	Bradford			.30		.05			25	1.39		.15					.39						.12									2.65
Covington[2]	Tioga		.07	.28	.01	.01	.01		.10	1.10		.01	.05		.03		.31	.02					.26						.03			2.29
Lawrenceville	Tioga		.24	.05					.67	.65		T.		T.		.20	.10	T.			.10	T.					T.					1.91
NORTH BRANCH																																	
Canton[2]	Bradford		.02	.41	.01		.04		.21	1.63		.02	.04		.03		.34						.30						.01			3.09
Danville[2]	Montour			.30					.16	1.80		T.	.09				.04	T.					.10									2.49
Kellogg Mt Tower[2]	Bradford			.36					.07	1.69		.09	.07		T.	T.	.31	T.					.28		T.				T.			2.87
Millville[‡]	Columbia	.03	.41						1.84			.03					.05					.29										2.65
Montrose[2]	Susquehanna		T.	.52			.01		.19	1.80		.16	.01		.02	T.	.73	T.					.28	.01	.03				.01			3.76
Orwell[2]	Bradford		.01	.40					.10	1.79		.01	.10		T		.36						.16	.01	.01				T.			2.95
Park Place[1, 5]	Schuylkill		.38	.05					4.13			.03		.04	T.		.03							.01									5.03
Pikes Creek[‡]	Luzerne		.46			.03			3.32	.01						.04	.14					.24	.03									4.27
Rush[2]	Susquehanna		T.	.42	T.				.15	1.56		.14	.02		T.	T.	.61	T.	T.				.38		.21				.02			3.51
Scranton[‡1]	Lackawanna		.32			.01			2.25	.12	T.	.07		.06	T.	.02	.07	T.				.20	T.	.02			T.	T				3.14
Susquehanna[2]	Susquehanna			.70	T		.05		.09	2.29		.01	14		.04		.70	.01					.24	.06	.14				.05			4.52
Towanda	Bradford		.48	T.					.42	1.05	T.	.15		T.	T.	.12	.26	T.	T.			.17	.14	.01			T.	T.				2.80
Tunkhannock[‡]	Wyoming		.20			.02			2.77	.04		.11				.07	.13					.21	.10									3.65
Wilkes-Barre[5]	Luzerne		.34	.01		T.			2.92	.01		T.		T.	T.	T.	.09	T.				.18	.02	T.				.02				3.59
WEST BRANCH																																	
Ansonia[2]	Tioga			.48			.04		.57	1.09	.02	.07			T.		.17	T.				.22						T.				2.66
Bald Eagle[‡]	Blair		.50					.14	1.80			.04				.11	.03						.02									2.83
Carter Camp[‡]	Potter	.04	.44	.04		.07			1.79			.07					.39	.09				.30										3.22
Cedar Run[2]	Lycoming		.06	.58	.05		.05		.34	1.40		.09			.05		.39	.12					.28						.08			3.49
Clearfield[2]	Clearfield			.58	.03		.05		.72	.78	.04	.07		11	05		.57	.06	T.				.18						.03			3.27
Coalport[2]	Clearfield	T.	T.	.45	.04		.05		.51	.70	.04	.06		.03	.11	T.	.42	.13					.09					.03					2.66
Curwensville[1, 5]	Clearfield	.02	47	.06	T	.06		.12	1.12	.07	.09	.02	.01	.25	T.	.53	.31	.06				.28	T.				.07	T.		T.		3.54
Driftwood[‡]	Cameron	.05	.29			.04		.01	1.17		.06	.05		.03		.60	.11					.30					.03					2.74
Du Bois, 7 E	Clearfield		.41	T.			.11		.90	.08	T.	.05	T.	.10		.34	.45	T.				.20	T.				.05	T.				2.69
Dushore[‡]	Sullivan		.33		.02				1.73			.08		.03		.19	.11					.25	.02	.03			.02					2.81
Eagles Mere[2]	Sullivan			.33			.01		.23	2.13		T.	.05		T.	.05	.28	T.					.27	T					T				3.55
Emporium[2]	Cameron		.06	.31	.03	.01	.04	.03	.59	.70	.10	.09	T	T.	.09	T.	.54	T.	.02	*	*	*	.26	T.				.02	.01				3.00
English Center[‡]	Lycoming		.54						1.72			.12				.35	.11						.25										3.09
Galeton	Potter		.42	.03	T.		.10		1.50	.09	T.	T.	.02	T.	.06	.14	.26	T.				.28	.02					.02				2.94
Karthaus[2]	Clearfield		.16	.53	.04				.44	1.04	.05	.05		.04	.03		.54	T.	T.					.28									3.20
Lock Haven[2]	Clinton		T.	.48					.50	1.12		.06	.01				.27	.07	T.				.17						T.				2.68
Medix Run[‡]	Elk	.03	.34	.03	.02	.04		.01	.86	.02	.03	.08		.12	.02	.56	.24					.24					.07					2.66
Philipsburg[1, 5, 7 E]	Centre	T.	.76	.05	T.	.01		.17	1.70	.03	.03	.06	T.	.04	T.	.19	.80	T.				.21	T.				T	.01	T.	T.		3.56
Renovo[2]	Clinton		.03	.72	.04		T.		.36	1.12	.04	.02					.80	.02					.31						.03				3.49
Shaffers Path[2]	Lycoming			.34			.01		.44	2.54		.04	.01		T.		.18	.01				.21											3.78

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
State College‡	Centre	T.	.30	.03	T.	.01		.04	1.78	T.	T.	.03	T.	.03	1	.02	.03	T.				.19	T.					T.	T.		T.		2.46
Tamarack Tower[2]	Clinton		.03	.42	.04	T.	.09		.44	1.03	1	.09	T.	T.	.04	T.	.92	.04	.01				.25	T.					T.	T.			3.40
Wellsboro[2]	Tioga		.01	.35	.01		.09		.22	1.26		T.	.01		.01		.33	.02					.20										2.51
Williamsport[2]	Lycoming		T.	.35			.01		.28	2.16		T.					.20						.15										3.15
JUNIATA																																	
Altoona	Blair		.41	.08					1.46	.18	T.	.06		.08	T.	.08	.22					.03	.11					.03				2.74
Bedford[2]	Bedford		.06	*					.70	.81			*	*				T.	T.				.25									1.82
Breezewood Intch[3]	Bedford	.05	.42					.02	1.10			.01		.02		T.	T.	T.				.28										1.90
Buffalo Mills[2]	Bedford			.38	.31				.30	.37	.13					.12							.18									1.79
Burnt Cabins[3]	Huntingdon		.55						1.96	.02		.02		.05		.03						.30										2.93
Charter Oak‡	Huntingdon		.21			.02		.06	1.58							.04	.02					.20						T.	T.			2.13
East Waterford[2], 3E	Perry		.01	.45			T.		.40	1.95	T.	.02	.01	T.	.05	T.	T.	T.	T.				.12										2.61
Everett[2]	Bedford		.02	.34			T.		.39	.90	T.	T.	.05	.03	T.	T.	T.						.16										1.89
Huntingdon[2]	Huntingdon		.09	.20			.04		.78	.80	T.	.02	T.	.01	.01	T.	.03	.01					.25										2.24
Lewistown[2]	Mifflin		T.	.27					.40	1.26	T.	T.					T.						.20										2.13
Loop Mt. Tower[2]	Huntingdon		.31	.32	.02				.86	1.09		.05		.03	T.		.02	.01					.09										2.80
Mapleton Depot[2]	Huntingdon		.02	.25		T.		.20	.42	.80		.01	T.				.01	T.					.12										1.63
Martinsburg[5]	Blair		.10	.02					.93	T.	T.	T.		T.	T.	T.	T.	T.				.01	.08					T.	T.			1.28
Newport[2]	Perry		T.	.40			T.		.38	1.86		T.	T.					T.	T.				.08	T.									2.72
Saxton[2]	Bedford		.02	.41	T.		T.		.42	.89	T.	T.	T.	T.	T.	T.	.01	T.	T.				.08						T.	T.			1.83
Shade Gap‡	Huntingdon	.05	.41					.04	1.46				*	*	.03							.22										2.21
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams			.73					.69	2.89		T.		.03					T.				.35										4.69
Bloserville	Cumberland		.34	.02			T.		1.69	.68		T.		T.		T.	T.					.25	.27					T.				3.00
Blue Mt. Intchg...[3]	Franklin		.58	T.		T.			1.95	.02	T.	T.		T.																		2.80
Carlisle	Cumberland		.40	.10					.90	.63		T.		.03			T.					T	.31									2.37
Columbia	Lancaster		.33	.39					1.02	1.55		.05		T.									.38									3.72
Ephrata	Lancaster		.21	.48					.79	1.97		.01											.32									3.78
Glen Rock‡	York		.70	.05	*	*	*	*	*	3.50	*	*	*	*	*	*	*	*	*	.05												$
Gordon	Schuylkill		.32	.11					2.38	2.72													.27									6.02
Hanover[2]	York			.96					.05	2.30		.02	.01	T.	T		.01						.33									3.67
Harrisburg Arpt[1]	York		.43	.07		T.			2.92	.01		T.		.01		T.	T.	T.				.28										3.72
Holtwood[2]	Lancaster			.75			T.		.03	1.70		.02	.01	T.									.26										2.77
Huntsdale[2]	Cumberland		T.	.42					.31	1.27		T	T	.01	T.							.03	.32									2.33
Kirkwood‡	Lancaster		.67	.21		T.			2.52	.42		T											.28										3.85
Lancaster	Lancaster		.12	.61					.40	2.27		.02											.31										3.70
Lebanon[2]	Lebanon			.64					.15	2.38		T.	.03					T.					.37										3.51
Manada Gap	Dauphin		.30	.07					2.78	1.71		T.						T.	T.														5.23
Middletown[3]	Dauphin		.51	.11		T.			3.07	1		T.		T.								.32										4.01
Millersburg‡	Dauphin	.02	.25	.04		.02			1.72								.02					.14										2.21
New Park	York		.08	.75					.73	2.06		.09											.25										3.96
Penn Nursery[2]	Centre			.49			T.		.66	2.28		.02	T.	.05	.01		*	.03	T.				.23						T.				3.77
Peters Mt. Tower[2]	Dauphin			.36			T.		.17	2.33	T.	.01	.04				T.	T.					.24										3.15
Pine Grove[2]	Schuylkill		*	.42					.31	4.27		T	.04	T.	T.			T.					.30						T.				5.84
Ringtown[2], 1 SW	Schuylkill			.54						4.28			.07		.02	T.			.01	.01			.09										5.02
Selinsgrove	Snyder		.73						1.02	.90		.03		T.				.03	.05				.12										2.88
Shippensburg	Cumberland		.42	T.				.02	1.80	.60		.01		.03		T.			T.				.24										3.10
Sunbury[2]	N'umberland			.38					.21	1.71	T.	T	.08		T.		.08	.04					.17										2.69
Williamstown[2]	Dauphin			.44			T.		.27	4.10		T.				T.							.22										5.03
Woodward[1, 5]	Centre		.32			.03		.03	2.32	T.	T.	.02	T.	.02	T.	.02	.05	T.				.15	T.					T.	T.		T.		2.96
York	York		.13	.72					.97	1.60		.08		T.									.40										3.90
York Haven[2]	York			.61					.12	1.90		*	.02										.45										3.10
Potomac Basin																																	2.96
Chambersburg[2]	Franklin		.03	.52					.98	1.06		T		.06	T.	T.							.31										4.60
Gettysburg	Adams		.09	.52			.01		2.22	1.42		.01		T.				T.	T.				.33										1 74
Hewitt‡, 2 S	Bedford	.05	.46					.25	.67			.01										.30											1.73
Hyndman[2]	Bedford		.15	.29					.43	.64		.05	T.				T.	T.	T.				.17										2.17
McConnellsburg[2]	Fulton			.46					.65	.90		T.					T.						.16										
Mercersburg	Franklin																																3.34
South Mt. San't'm[2]	Franklin		.01	.73					.73	1.44		.02		T.		T.							.41										
GULF DRAINAGE																																	
Ohio Basin																																	1.74
ALLEGHENY																																	2.55
Acmetonia[2]	Allegheny		.03	.37	.03		.05		T.	.30	T.	.11	.02	.03	T.	T.	.66	.03					.05						.06				2.29
Allen Mills‡	Jefferson	.05	.36						.48	.02	.19	.04		.09		.77	.14					.22						.19				2.73
Blairsville[2]	Indiana		.10	.55	.04		.02		.16	.50	.04	.10	T.	.04	T.	.02	.64	.01					.06	T.					.01	T.			2.88
Boswell‡**, 6 W	W'moreland	.03	.47	.06				.01	.99	.02		.18		.24		.28	.34	.11										.13	T.			1.76
Bradford	McKean		.16	.12	.26	.10	.05		.45	.11	T.	.11	T.	.20	.35	.29	.21	.05	T.			.15	.14					T.	T.			1.67
Brookville[3]	Jefferson	.05	.42	.01	T.	.03		.02	.36	T.	.09	T.	T.	.05	T.	.53	.05	T.				.15	T.									2.08
Buckstown‡	Somerset	.09	.41					.01	.60	.03		.13		.09		.11	.10					.10						.18	.01			1.81
Cherry Grove‡	Warren	.03	.15	.24	.05	.06			.40	.03	.08			.13	.03	.29	.18					.21	.01					.07				2.68
Clarion[2]	Clarion	.01	.12	.40	.01		.07		.01	.45	.01	.09	T.	.06	.04	.01	.33	.01					.12						.05	T.		T.	2.55
Coudersport	Erie		.34	.03	.02	.04	.03		1.15	.10	T.	.10	.01	.02	.04	.25	.21	.01	T.			.26	.02					T.				2.37
Derry	W'moreland	.18	.52			T.			.61	.03	.05	.15		.07	.10	.22	.55					.07						.01				1.84
Donegal[3]	W'moreland	.16	.38	.03					.46	.01	.02	.10		.25		.36	.47	.03				.09						.03				2.75
Dunlo‡	Cambria	.04	.49	.05				.09	.74	.04		.05		.03		.06	.07					.13	.02						.03	T.		1.76
Ebensburg[2]	Cambria		.02	.54	.11		.07		.27	.79	.02	.05	.03	.03	.01	T.	.60	.03				.15	T.									1.48
Ford City[2, §§]	Armstrong	.03	.10	*	.23		T.		.07	.30	T.	.11				.08	.84											.04	T.			2.62
Franklin[2]	Venango		.07	.03	.06		.08		.02	.52	.03	.05		T.	.10	T.	.31	.04					.13									T.	2.54
Glen Hazel[2], 1 NE	Elk		.27	.17	.10	T.	.07		.12	.65	.11	.10	T.	.05	.01	T.	.65	.03	T.				.21	T.			.08	T.					2.33
Home‡	Indiana	.06	.56			.06			.65		.03	.03	.02	.03	.02	.58	.30					.14						T.				2.83
Indiana	Indiana	T.	.60	.05	.01	T.	.01		.75	.05	T.	.04		.06	T.	.26	.48					.02	T.									2.47
Johnstown[6]	Cambria		.43	.06		.11			.88	.06		.11		.03		.23	.29	.03				.16	T.					.08				2.71
Kane[3]	McKean	.19	.25	.15	.10	.10			.66	.05	.14	.04	.04	.12	T.	.40	.09	.05				.19	.02					.12	T.		T.	2.80
Laurel Hill Tunnel[3]	W'moreland	.08	.71	.05		T.		T.	.72	.04	.02	.05		.16		.32	.11	T.				T.						.04				2.59
Lycippus	W'moreland		.96						.60	.05	T	.10		.15		.10	.63	T.				T.						T.				$
Marienville‡	Forest	.09	.31	.05	.02	.06	.03	*	.29													.10						.10				1.70
Meadville[2]	Crawford		.03	.08	.19	T.	.04		.03	.49	.09	.03	T.	.06	.17	T.	.30	.03	T.				.07						T.	.09			2.31
Mosgrove[2]	Armstrong		.10	.35	.06		.01		.05	.38	T.	.10	.07	.08	.09	T.	.85	.04					.09						T.	.04	T.		1.91
Parkers Landing[2]	Armstrong		.02	.22	.22		.03			.40	.02	.06	.09	T.	.05		.65						.08						.05	.02			0.99
Pittsburgh Cty Off[1]	Allegheny	T.	.32	T.		.01		T.	.33	T.	.03	.01	T.	.01		.25	.03					T.	T.					T.	T.			

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Port Allegany[2]	McKean	T.	.01	.29	.08		.09		.07	.72	.01	.02	.02	.03	.09	T.	.41	1	T				.28	T.				.05	.01	T.			2.21
Punxsutawney[2]	Jefferson			.38	T.		.06		.22	.48	.03	.01		.10	T.		.80	.65					.12						.01				2.32
Putneyville[2] ‖‖	Armstrong		.24	.26	.03				.13	.38	T.	.10		.07	.01	T.	.95	.06					.09					.01	.03				2.39
Ridgway[2]	Elk	T.	.17	.16	.13	T.	.05		.06	.55	.03	.10		T.	.01		.63	.03	.06				.34	T.				.04	.08	T.			2.54
Saltsburg[2]	Indiana	T.	T.	.53	.01		T.		.08	.30	.01	.08	T.	.01	T.	.03	.79	.01					T.					T.	.01				1.86
Seward[2]	Indiana		.18	.46	.04		.03		.11	.63	.02	.05			.01		.74	.02					.12										2.41
Smethport‡	McKean	.16	.22	.09	.06	.05			.49			.07		.03	.04	.30	.04					.28					.08						1.91
Strongstown‡	Indiana		.55						.54							.42	.18	.01				.03					.02						1.81
Tionesta Dam‡	Forest	.05	.15	.04		.05			.42	.02	.04	.05		.11		.33	.07					.13					.06						1.52
Titusville, 2 S	Crawford		.14	.06	.01	.09	.01		.52	.04	.06	.07		.23	.18	.14	.23	.02				T.	.10				.14	T.					2.04
Union City‡	Erie	.09	.12	.47	.03	.04			.44	.06	.07	.02		.28		.31	.06	.03				.05					.08						2.15
Vandergrift [3]	Westmoreland	.05	.42	.02		.01			.34		.01	.06				.55	T.					.07					.02						1.55
Warren[2]	Warren		.14	.14	.13	T.	T.		T.	.50	.02	.09	T.	.15	.35	T.	.13	.17	.15	T.	T.		.20	T.				.16	T				2.27
Youngsville‡	Warren	.10	.26	.25	.09	.10			.46	.03	.04	.01	.03	.37	.20	.43	.01					17	.02					.13					2.70
MONONGAHELA																																	
Confluence[2]	Somerset		.19	1.04	T.		T.		.01	.48	.01	.06	T.	.01	T	.07	.33	.01	T.				.19	T.					T.				2.40
Connellsville[2]	Fayette		.02	.45					.42	.40		.10					.45						.05										1.89
Donora[3]	Washington	.08	.65			.01			.30	T.	.05	.02		.05	T.	.39	.27	T.				.02					T.						1.84
Greensboro[2]	Greene		.14	.84			.01		.15	.24	.03	.05	.02	.06	T.	.02	.60	.01	T.				.04						T.				2.21
Greensburg	Westmoreland	T.	.83			.03			.35	.02	T.	.07		.05	T	.14	.55	.01				.03					T.						2.08
Irwin	Westmoreland	T	.90	T.		.01	.01		.17	.10	T.	.10		.05	T.	.15	56	T.				01	.01				.02						2.09
Meyersdale[2]	Somerset		.12	.54					.08	.39	.02	.06	T	02	.07	.03	.03						.19										1.55
Murrysville‡	Westmoreland		.51						.33			.14				.45	.20																1.63
Newell[4]	Fayette		.38	.10	.03		.01		.10	.30				.10		.30	.50																1.82
Pittsburgh Arpt.‡†	Allegheny	.08	.35	T.		.03		T.	.26	T.	.02	.07	T.	.11		.40	.22	.02				.01	T.				.01	T.					1.58
Rices Landing[2]	Greene			.30			T.		.15	.30		.04	.02	.06	.02	.05	.61	.02					.01										1.58
Somerset	Somerset		.63	.01		T.			.58	.04	T.	.08		.19	T.	.08	.17	T.				.12					T.						1.90
Springs[6]	Somerset		.85	.08	.02	T.			.66	T.	03	12	T.	.05		.03	.13	T.				.24	T.				T.						2.21
Uniontown	Fayette		.87			.01			.24	.02	.01	.07		T.		.05	.58					.05	.01				T.						1.91
Waynesburg	Greene		.35						.32	T.	T.	.09					.64																1.40
BEAVER																																	
Beaver Falls[2]	Beaver		.08	.07	02		T.		T.	.24	T.	.02	T.	.04		T	.81	T.	T.				T.					T.	T.				1.28
Butler	Butler		.37		.05		.05		.12	.24	T.	.09		.04		.01	.88	.02					.02					T.	T.				1.89
Greenville	Mercer		.58	.01	.03	.06			.48	.01	.03	.07		.03	.01	.30	19	.03				.08	T.				.05	T.					1.96
Mercer[5]	Mercer	.01	15	.01	T.	.01		.10	.37	.04	.02	.01	T.	.02	T.	.37	.08	T.				.06	T.				.03	T.		T.			1.28
New Castle	Lawrence		.35	.03	02	.02			.41		T.	.04	T.	05		35	14																1.41
Penn Line[2]	Crawford	.01	.04	.04	.12	T.	.04		.08	.62	.10	.03		.01	.03		.25	.06					.03					.03	T.				1.52
Pymatuning Dam[2]	Crawford		.08	.03	12		.03			.62	.12	.02		.40	.10		.38	.02					.02						.01				1.95
Sharon[2]	Mercer		.06		.05		.06			53		.05		T.			.34						T.										1.09
OHIO																																	
Claysville[2]	Washington		.17	.37			.04			.20	.03	.02	T	.07	.03	.15	.57	.15															1.80
Coraopolis[2]	Allegheny		.20	.17	.09		.01			.35	T.	.02	.01	T.	T.	.03	.66	.01										.01					1.56
Midland[2]	Beaver	T	.68	.07			.05		T.	.21	T.	.03	.02	.04	.01	02	.92	T					.02					.01	T				2.08
Mt. Lebanon[6]	Allegheny	.03	40	T.		T.			.33	T.	T.	.06		.02		.33	.28	T.				T					T.						1.45
Washington‡	Washington	.11	.17			.06		.02	.19	.02	.01	.03		.09		.46	.14																1.60
LAKE DRAINAGE																																	
Erie‡[1]	Erie		.05	.24	.04	.07		.01	.54	.09	.10	.03	.35	.04		.06	.13	T.				.18				T.	.15	.01					2.09
Raymond‡	Potter	.01	.34	.02		.08			1.02	.03	.01	.07				.17	.08					.25	.03				.06						2.17

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. [6] Observation taken at a fixed hour between sunset and 11:00 p. m. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated. ** Boswell was formerly Laurel Hill Summit. §§ Ford City was formerly Crooked Creek Dam. ‖‖ Putneyville was formerly Mahoning Dam.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity		Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum* velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.54	22	29.73	5	9.0	25	se.	8	80		78	22	757
Harrisburg	30.44	14	29.68	8	7.9	29	nw.	13	76	53	62	43	700
Philadelphia	30.42	7	29.68	9	9.1	34	nw.	22	80	50	65	53	574
Philipsburg	30.43	25	29.79	13	11.6	28§	nw	23	87	72	77		961
Pittsburgh	30.48	25	29.79	8	10.8	32	nw.	13	79	56	63	36	765
Reading	30.42	14	29.66	8	11.6	40	se.	8	72	47	49†	52	650
Scranton	30.38	7	29.68	8	6.0	24	nw	13§	90	77†	..	35	779

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.7	8.6	10	2.7	8	18
Easton	Delaware	4.6	16.8	10	2.4	8	22
Lehighton	Lehigh	4.5	11.8	9	3.4	29†	9
Reading	Schuylkill	5.3	15.1	9	3.9	30	13
Wilkes-Barre	N. Br. Susquehanna	7.0	15.1	10	4.8	8	22
Williamsport	W. Br. Susquehanna	3.1	9.8	9	1.6	8	20
Newport	Juniata	4.0	8.1	9	3.4	29	22
Harrisburg	Susquehanna	5.0	9.9	10	4.1	8	17
Schenley, (nr) Lock No. 5.	Allegheny	13.0	13.6	23	12.5	6	24
Sutersville	Youghiogheny	3.4	4.3	17	2.9	2	20
Charleroi (nr.), Lock No. 4	Monongahela	11.9	13.3	5	10.6	1	30
Pittsburgh	Ohio	*	*		*		25
Midland, Dam No. 7	Ohio	*	*		*		30

* Pool stage. † On other days also.

Daily Temperatures for November 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	59	56	53	54	57	62	65	68	57	49	43	46	45	40	45	43	39	50	60	54	54	40	38	51	60	60	51	41	38	39	....	50.6
	Minimum	31	32	45	35	29	32	36	40	49	31	33	29	30	31	25	30	22	22	27	27	26	26	32	32	32	26	28	26	19	22	....	30.2
Altoona	Maximum	63	57	53	43	44	57	65	62	48	37	35	39	37	35	47	42	31	51	59	55	44	45	43	48	54	57	45	33	30	35	....	46.5
	Minimum	39	42	37	36	24	31	36	47	32	30	26	25	26	22	42	48	45	39	51	63	61	50	45	45	57	62	59	50	41	35	40	....	31.7
Arendtsville[6]	Maximum	60	54	52	50	52	63	66	64	64	46	39	47	41	42	48	45	39	51	63	61	50	45	45	57	62	59	50	41	35	40	....	51.0
	Minimum	37	47	38	34	29	33	38	48	34	32	32	25	29	29	24	32	20	25	29	38	31	35	30	36	36	36	30	33	25	19	24	....	31.7
Bethlehem[3]	Maximum	60	56	50	52	57	61	65	66	64	50	40	44	41	38	44	41	35	50	59	53	52	43	34	48	58	60	49	40	39	38	....	51.2
	Minimum	37	47	38	34	29	33	38	48	34	32	32	25	29	29	24	32	20	25	29	38	31	35	30	33	38	38	34	34	28	24	27	....	34.0
Blue Mt. Interchange[3]	Maximum	62	54	51	48	48	62	64	64	50	54	42	46	42	40	52	50	52	50	62	60	62	60	45	54	60	55	49	41	33	48	....	52.0
	Minimum	38	48	42	30	27	32	45	50	36	36	32	34	30	32	34	30	20	22	28	36	28	32	30	35	33	29	34	22	18	30	....	32.4
Bradford	Maximum	68	67	45	38	46	49	64	61	46	35	32	32	32	31	35	31	27	44	53	52	38	35	36	43	52	52	43	31	31	31	....	42.8
	Minimum	39	34	34	32	27	31	37	46	30	29	24	15	26	24	9	23	17	21	26	21	15	25	23	18	21	19	29	21	12	16	....	24.8
Breezewood Intchg[3]	Maximum	60	56	46	42	48	....	60	62	46	40	34	40	40	38	54	44	34	50	60	60	54	40	42	50	56	56	48	46	30	36	....	47.3
	Minimum	40	46	38	24	22	....	34	32	32	30	22	26	26	24	24	24	16	24	30	34	24	28	22	30	28	24	28	18	12	20	....	27.0
Brookville[5]	Maximum	69	55	42	42	49	50	67	65	36	36	35	35	33	33	39	33	30	47	59	50	50	33	40	49	53	52	41	36	35	32	....	44.2
	Minimum	40	38	37	29	29	24	45	35	31	26	23	21	26	20	25	19	20	28	29	23	22	26	22	22	22	20	25	18	15	18	....	25.9
Burnt Cabins[3]	Maximum	69	62	52	44	48	61	62	63	47	42	34	42	40	38	50	44	35	49	59	60	50	41	42	50	43	59	47	36	32	36	....	47.9
	Minimum	38	49	38	24	21	27	33	47	32	32	32	20	26	20	20	23	16	20	26	30	22	28	24	30	29	20	30	16	12	21	....	26.9
Butler	Maximum	71	75	52	44	52	53	70	72	50	38	36	39	35	37	39	41	32	44	53	60	50	40	40	45	54	54	45	37	38	35	....	47.7
	Minimum	30	44	39	32	30	27	45	45	29	32	28	24	29	28	26	30	21	28	35	29	25	22	25	26	20	24	34	20	15	18	....	28.7
Carlisle	Maximum	60	54	55	54	53	64	67	65	66	50	42	48	45	45	48	56	40	51	59	60	55	48	50	54	60	56	50	42	38	39	....	52.5
	Minimum	35	43	38	37	24	28	38	55	38	30	30	23	33	28	24	35	20	22	24	24	23	34	28	30	30	24	28	27	15	22	....	29.7
Chambersburg[6]	Maximum	62	54	54	52	51	61	65	67	52	47	41	46	42	41	50	45	39	50	63	58	51	47	46	54	60	55	49	42	35	39	....	50.6
	Minimum	37	45	42	34	28	30	40	50	37	35	30	30	30	30	28	32	22	29	27	33	29	33	29	33	28	25	29	28	19	24	....	31.3
Clarion	Maximum	73	68	44	43	52	51	69	65	47	39	38	36	35	34	38	37	22	25	50	60	51	47	39	42	50	55	49	40	34	36	....	46.2
	Minimum	37	42	37	32	26	28	43	46	32	32	27	23	27	27	22	25	20	21	29	28	22	30	28	29	25	20	29	24	17	17	....	27.7
Claysville[2]	Maximum	76	61	44	41	55	57	73	63	37	35	38	41	35	39	50	35	33	54	61	54	56	35	41	52	57	55	41	38	41	35	....	47.9
	Minimum	39	40	33	27	28	26	25	57	34	30	25	21	27	15	19	32	24	24	30	30	28	23	34	26	17	18	19	24	13	14	15	....	26.3
Coatesville[6]	Maximum	60	64	57	55	57	62	67	65	55	48	41	46	46	41	50	48	38	45	66	64	54	51	39	51	56	61	56	41	38	38	....	52.0
	Minimum	34	43	44	36	27	40	38	51	48	29	33	30	34	27	25	36	22	29	29	29	35	34	34	31	34	37	32	33	28	22	28	....	33.4
Columbia	Maximum	62	59	55	55	57	66	68	65	62	48	44	49	45	45	48	47	39	53	65	59	55	51	45	55	62	63	60	43	41	40	....	53.5
	Minimum	32	42	41	35	27	30	37	41	41	30	31	29	31	28	30	35	18	25	25	29	26	34	29	32	35	23	28	23	16	25	....	30.3
Coudersport	Maximum	65	57	45	41	47	50	64	60	48	38	33	34	33	35	34	34	28	43	54	48	40	37	37	46	55	50	46	33	34	31	....	43.3
	Minimum	35	37	35	34	27	28	34	48	31	29	25	9	24	24	14	24	8	21	25	25	19	24	20	18	18	16	29	19	10	21	....	24.4
Curwensville[5]	Maximum	61	54	37	38	43	50	60	58	35	33	32	34	30	29	37	31	25	43	54	48	45	31	36	45	49	51	41	29	28	29	....	40.5
	Minimum	38	36	33	28	21	28	40	35	27	25	21	23	23	19	25	14	14	24	34	28	26	22	21	22	25	31	28	18	17	17	....	25.8
Derry	Maximum	78	64	51	41	67	60	62	68	50	37	37	44	42	30	46	42	32	53	62	53	58	38	44	44	54	55	48	35	38	34	....	48.9
	Minimum	48	50	40	31	30	30	48	46	36	31	29	28	28	21	28	29	22	24	30	30	28	24	31	27	24	25	24	31	25	18	25	....	31.8
Donora[3]	Maximum	79	59	50	41	59	56	76	68	40	38	41	44	40	40	44	43	36	57	64	58	60	43	45	52	59	58	46	38	44	38	....	50.5
	Minimum	45	50	41	34	32	33	48	40	32	32	31	29	30	25	34	28	26	32	43	38	29	36	29	42	59	49	42	30	32	32	....	32.9
Eagles Mere [2]	Maximum	54	47	42	43	46	50	59	63	42	38	35	33	34	34	34	32	26	39	48	48	45	30	29	42	59	49	42	30	32	32	....	41.2
	Minimum	32	35	36	30	28	31	36	42	36	24	27	18	18	23	19	21	11	12	22	31	26	26	21	20	20	26	29	32	26	17	16	....	25.5
Ebensburg[2]	Maximum	65	60	40	36	45	55	62	60	37	32	31	37	31	33	40	32	29	49	56	51	51	30	38	41	5	53	47	27	20	14	16	....	42.4
	Minimum	32	40	36	32	25	28	32	47	31	28	26	24	25	22	22	30	19	22	26	40	24	28	22	21	21	26	27	20	14	16	....	26.9
Emporium	Maximum	68	57	45	43	47	52	66	63	49	41	35	38	36	36	36	33	31	46	58	52	43	38	39	50	56	52	45	34	30	34	....	45.3
	Minimum	36	39	38	36	25	29	31	48	32	32	27	18	28	28	18	20	17	25	22	26	21	29	22	17	18	17	30	27	17	25	....	26.6
Ephrata	Maximum	62	58	56	54	58	65	69	66	67	49	43	48	44	44	47	45	39	51	62	58	56	51	40	55	61	62	51	44	40	38	....	52.8
	Minimum	34	45	43	36	29	40	43	52	41	30	34	30	36	29	26	37	22	29	29	32	29	35	32	33	32	26	32	27	20	27	....	33.0
Erie[3]	Maximum	74	56	46	45	49	46	68	61	42	38	37	35	35	35	37	35	34	44	49	46	41	36	36	33	42	46	52	56	43	38	34	....	44.6
	Minimum	50	45	42	37	37	40	45	41	33	29	29	32	31	30	32	27	27	33	41	36	36	33	32	36	38	41	32	30	36	34	38	....	35.2
Everett[3]	Maximum	62	56	49	43	46	61	63	65	47	42	38	43	40	48	56	48	35	52	60	58	53	40	45	50	57	60	48	48	34	38	....	49.5
	Minimum	35	45	40	26	22	26	34	46	34	32	28	26	28	22	27	25	20	26	25	27	22	30	28	33	25	20	32	20	13	21	....	27.9
Ford City[6]	Maximum	75	62	49	40	56	55	70	67	46	39	40	40	40	39	....	....	....	....	....	....	....	....	44	52	52	55	45	36	42	37	....	49.1[5]
	Minimum	36	43	36	30	25	26	35	32	30	30	26	35	28	23	30	23	20	26	29	26	20	29	20	19	18	18	29	24	17	21	....	26.8
Franklin[2]	Maximum	74	54	43	43	51	50	70	62	39	39	40	36	35	37	39	34	34	50	60	49	42	35	42	48	56	55	41	35	37	35	....	45.5
	Minimum	31	41	42	38	29	31	31	47	36	33	28	25	30	28	24	32	23	23	29	28	25	28	28	24	25	22	22	28	20	20	....	29.0
Fredericksville	Maximum	58	54	53	51	56	62	64	64	67	49	44	44	41	42	49	46	40	48	60	58	53	48	45	50	58	60	52	42	30	36	....	50.7
	Minimum	30	40	41	33	26	31	38	50	43	28	32	28	27	27	20	34	14	25	27	32	30	33	30	27	41	50	55	47	38	36	36	....	29.9
Freeland	Maximum	54	50	50	47	47	52	57	61	61	40	34	38	36	37	37	39	29	43	50	54	50	42	27	41	50	55	47	38	36	36	....	44.4
	Minimum	32	43	38	33	30	39	38	45	32	26	28	21	27	24	23	27	15	22	34	35	29	26	24	25	29	38	32	23	17	19	....	29.1
George School[6]	Maximum	61	65	60	58	59	66	66	68	68	51	43	48	48	46	53	51	41	50	64	66	54	49	43	52	64	61	58	44	38	41	....	54.3
	Minimum	34	39	39	37	28	29	39	49	41	29	37	28	32	28	25	31	22	27	26	32	32	32	31	34	26	29	20	20	22	....	31.0
Gettysburg	Maximum	60	59	56	51	54	65	67	65	67	48	44	48	45	42	48	47	43	51	68	65	60	51	45	57	61	59	55	46	39	37	....	53.4
	Minimum	29	45	40	39	38	32	38	52	41	33	31	29	35	29	26	40	24	27	28	34	30	38	30	33	31	27	31	27	20	25	....	32.8
Gordon	Maximum	58	55	52	52	52	58	61	64	66	45	38	43	39	38	41	39	36	48	55	53	47	46	34	48	57	59	51	39	36	36	....	48.2
	Minimum	30	40	39	36	25	30	35	49	37	28	31	22	31	28	19	35	14	23	27	27	21	32	28	30	27	21	30	29	22	22	....	28.9
Greensburg	Maximum	77	65	52	43	58	56	73	70	47	38	38	42	41	38	45	43	34	54	62	53	58	50	43	45	48	56	54	36	40	35	....	49.6
	Minimum	34	44	38	27	22	24	34	46	31	32	28	24	28	14	23	28	22	23	30	26	19	34	26	15	16	17	28	17	12	18	....	26.0
Hanover[2]	Maximum	62	57	53	53	55	66	68	66	51	47	42	47	44	44	52	48	41	52	69	64	57	41	46	63	54	61	51	43	39	38	....	52.5
	Minimum	39	42	42	35	30	32	35	55	45	30	32	28	28	28	28	35	24	26	29	33	31	38	28	30	32	32	29	28	29	22	19	....	32.5
Harrisburg[3]	Maximum	62	56	52	51	55	63	66	67	51	46	40	45	44	42	48	44	39	52	58	55	52	44	44	53	60	59	49	38	38	39	....	50.4
	Minimum	38	48	42	33	31	35	42	51	35	34	34	30	32	28	28	31	25	29	30	34	30	32	32	37	36	30	32	24	21	25	....	33.6
Hawley	Maximum	60	53	51	53	53	57	62	61	64	45	39	44	41	37	36	37	34	46	55	49	50	43	31	43	53	59	51	37	37	37	....	47.3
	Minimum	25	35	39	31	25	31	28	46	41	25	32	23	29	26	19	31	12	17	23	25	21	29	26	27	25	19	29	25	11	12	....	26.2
Holtwood[3]	Maximum	59	58	53	52	56	64	66	66	64	46	42	48	45	43	50	46	39	52	66	54	55	46	42	50	57	61	53	39	41	38	....	51.7
	Minimum	41	46	42	37	35	41	45	53	38	35	36	35	34	30	30	33	27	31	34	37	34	34	33	37	36	31	35	28	24	30	....	35.4
Huntingdon	Maximum	65	54	53	48	48	59	66	65	53	42	38	42	42	39	40	46	36	54	60	55	48	44	45	54	58	58	47	39	34	36	....	48.9
	Minimum	37	43	43	40	24	29	31	52	35	35	31	20	32	28	20	30	22	15	22	29	22	32	28	29	23	19	30	25	13	21	....	28.7
Indiana	Maximum	74	71	60	48	53	54	69	68	47	36	36	38	39	35	42	42	30	50	59	58	56	45	44	48	51	56	54	40	36	38	....	49.2
	Minimum	45	47	35	39	29	28	49	36	30	28	25	29	25	31	24	25	19	23	....	....	....	....	....	....	....	....	....	....	....	....	....	[6]
Irwin	Maximum	77	75	51	43	49	62	69	62	47	37	48	40	39	39	42	41	36	54	61	61	57	51	46	49	50	55	55	35	39	37	....	50.2
	Minimum	38	48	36	28	27	42	50	47	30	30	27	24	25	18	27	26	24	26	39	32	27	32	24	22	21	28	32	22	15	20	....	29.6
Johnstown[6]	Maximum	70	60	50	39	50	60	68	63	45	35	35	40	35	36	47	39	31	54	59	57	52	43	40	44	52	55	47	32	31	32	....	46.7
	Minimum	39	46	37	34	25	33	39	45	30	30	27	28	26	24	25	25	21	27	38	37	24	29	24	28	26	23	30	21	14	22	....	29.2
Kane[3]	Maximum	67	53	38	39	45	48	64	61	39	35	33	32	32	31	35	34	27	39	52	44	40	34	35	44	51	50	42	31	35	31	....	41.4
	Minimum	32	33	32	29	32	27	43	38	28	28	17	12	25	10	11	12	13	22	27	19	17	25	17	16	18	16	25	18	19	20	....	22.7
Lancaster	Maximum	61	60	57	53	57	61	67	65	68	49	45	49	47	44	49	48	44	53	61	59	55	54	43	55	60	62	56	54	40	39	....	53.8
	Minimum	31	39	42	30	26	33	35	47	46	26	33	26	29	28	22	39	19	26	25	29	26	38	37	35	46	52	56	46	34	36	36	....	45.4
Lawrenceville	Maximum	64	57	47	44	50	56	64	65	53	44	39	37	37	35	35	34	34	46	59	46	38	37	35	46	52	56	46	34	36	36	....	45.4
	Minimum	30	31	40	32	28	31	34	53	34	30	31	22	31	27	22	24	11	23	30	28	23	28	25	22	22	21	33	23	21	22	....	27.7
Lebanon[2]	Maximum	61	55	50	53	55	63	66	67	54	47	40	48	43	42	48	42	38	52	59	53	52	39	40	52	60	62	48	40	37	39	....	50.3
	Minimum	31	41	43	35	30	34	34	42	46	30	33	28	30	30	26	33	20	21	28	29	23	28	32	32	37	28	28	28	21	24	....	30.8
Lewistown[2]	Maximum	79	54	49	52	52	60	64	68	46	44	40	43	41	41	44	42	38	52	50	54	49	41	46	57	59	54	48	38	37	40	....	49.4
	Minimum	32	40	44	41	27	27	30	45	39	34	31	26	25	30	24	30	21	21	25	25	24	24	29	28	30	24	23	28	18	18	....	28.6
Lock Haven[6]	Maximum	65	51	50	49	52	56	65	66	48	42	40	40	40	42	34	40	33	49	50	50	43	42	43	56	59	44	43	38	38	37	....	46.8
	Minimum	38	42	42	39	27	31	41	47	32	32	32	24	32	28	24	25	18	29	26	30	25	32	27	29	27	25	29	30	18	27	....	30.3
Marcus Hook[3]	Maximum	60	69	59	57	62	65	68	70	69	50	42	50	50	46	56	55	42	53	68	62	56	51	41	54	59	62	51	44	39	42	....	54.0
	Minimum	41	48	44	42	38	45	48	52	39	36	34	34	35	34	34	37	29	34	39	42	40	36	35	37	42	37	39	32	27	31	....	38.0

Continued on page 84.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Martinsburg[5]	Maximum	66	57	44	40	46	58	62	63	41	35	33	39	36	34	49	43	42	50	58	58	50	38	40	47	56	57	45	32	29	34		1 6
	Minimum	42	44	39	28	26	34	43	41	32	30	27	27	28	25	32	21	21	27	43	30	28	26	25	29	30	29	28	20	16	24		29 7
Mauch Chunk	Maximum	53		51		52	58	58	63	64	43	40	42	41	39	46	40		42	54	55	46	46	3		53	53						
	Minimum	27		40			30	32	50	42	27	32	2	29	28	19		13	21	22	26	21	34	30		28		26	27	13			27 6
Meadville[2]	Maximum	7	51	42	42	50	53	70	59	34	39	38	35	35	37	38	30	34	49	59	46	40	33	41	46	55	55	37	33	34	34		27 68
	Minimum	31	42	38	36	31	34	35	52	33	31	25	24	29	27	19	27	21	21	25	26	22	30	25	20	23	21	25	26	22	22		28 0
Mercer[5]	Maximum	74	55	41	43	49	50	69	60	38	37	37	34	33	34	38	34	31	50	57	45	44	34	40	46	53	53	41	35	36			44 2
	Minimum	42	39	37	30	31	25	50	36	30	26	23	21	27	26	28	25	20	24	30	25	28	22	20	23	25	26	22	22	20	2		27 7
Middletown[3]	Maximum	59	56	51	51	56	62	66	67	67	47	44	47	45	43	50	45	38	51	57	54	52	45	44	54	59	59	50	39	38	38		51 0
	Minimum	36	47	41	32	29	33	38	52	35	31	33	31	33	26	31	27	23	28	28	31	28	32	32	32	36	27	33	24	19	24		31 4
Midland[3]	Maximum	75	59	47	43	56	55	72	64	42	39	40	42	40	39	43	42	38	51	59	50	51	40	43	50	49	53	43	36	40	39		48 0
	Minimum	42	44	40	32	33	31	47	40	34	32	30	27	30	26	33	29	23	30	37	30	28	32	29	26	25	26	28	27	26	21		31 2
Montrose[2]	Maximum	55	49	44	47	47	52	60	62	46	37	35	37	34	33	33	32	28	40	50	45	42	29	28	38	50	51	41	27	33	31		41 2
	Minimum	29	32	38	34	30	32	36	39	38	26	28	21	21	23	21	24	10	11	22	32	26	26	22	22	29	26	32	22	15	15		25 9
Mt. Lebanon[6]	Maximum	77	60	48	40	55	55	73	63	41	38	39	41	37	40	43	43	34	53	63	54	56	39	43	50	56	57	45	36	40	35		48 5
	Minimum	43	47	36	30	31	31	45	40	30	29	28	28	26	21	31	24	21	29	4	33	24	31	25	25	25	27	28	21	21	19		29 8
Mt. Pocono[5]	Maximum	58	54	55	45	48	53	57	62	62	40	34	38	34	32	38	38	29	42	53	52	51	39	46	41	50	53	47	38	33	31		44 8
	Minimum	26	41	32	32	28	35	35	44	28	24	28	18	24	17	16	18	9	19	32	28	23	23	22	25	31	33	28	18	14	14		25 5
New Castle	Maximum	75	73	50	48	49	52	71	68	47	35	36	38	35	38	40	40	32	53	60	6	50	42	42	50	52	56	51	36	38	38		48 5
	Minimum	37	45	39	31	31	28	46	47	33	31	30	25	31	28	31	30	23	30	31	28	24	30	21	20	22	21	33	25	19	26		29 6
Palmerton[3]	Maximum	57	54	51	53	55	57	63	66	57	41	37	44	42	40	42	40	35	45	58	50	50	38	35	50	59	59	50	49	36	38		48 4
	Minimum	29	46	38	31	28	37	35	54	30	27	32	26	31	26	24	26	19	25	27	28	25	32	32	35	29	24	31	21	16	18		29 4
Park Place[5]	Maximum	55	49	43	43	46	52	57	61	44	38	36	37	34	31	40	39	28	41	51	50	43	32	29	43	50	51	44	39	31	31		42 0
	Minimum	34	42	34	31	30	38	38	44	27	28	28	22	25	22	23	18	16	25	34	31	30	24	25	27	32	38	26	18	17	20		28 2
Philadelphia Airport Station[3]	Maximum	61	68	56	55	59	64	68	69	67	48	41	47	46	44	55	51	40	50	63	59	56	47	40	52	60	61	56	42	38	39		53 4
	Minimum	39	42	44	40	32	43	48	52	37	32	33	30	33	29	28	33	25	32	30	35	37	33	32	36	38	32	31	27	26	28		34 4
City Office[3]	Maximum	61	66	56	55	59	63	65	70	67	50	43	46	45	45	54	53	40	50	62	61	56	48	40	52	59	60	57	43	39	40		53 5
	Minimum	43	49	45	43	40	45	48	53	39	34	35	34	34	32	34	35	29	35	40	43	41	34	34	37	42	41	38	33	29	31		38 3
Franklin Institute[3]	Maximum	60	67	54	53	59	64	67	70	55	47	40	46	45	45	54	49		49	61	59	56	42	39	51	58	60	58	42	37	40		52 7[a]
	Minimum	40	48	48	42	40	46	46	47	50	33	35	33	35	30	32	39	29		38	40	41	38	34	34	39	38	41	32	29	29		38 1[a]
Shawmont	Maximum	60	66	60	54	59	65	65	69	68	50	44	47	44	42	53	50	39	50	65	56	53	50	38	50	57	60	58	44	40	39		53 2
	Minimum	32	42	47	40	31	40	39	52	48	30	34	32	31	31	24	38	23	29	30	35	30	37	34	33	36	27	31	25	20	28		33 7
Philipsburg[5]	Maximum	58	52	40	40	42	52	58	60	40	35	31	35	32	31	43	37	30	44	55	50	43	34	37	47	50	52	44	29	29	31		42 0
	Minimum	40	39	33	25	25	26	41	39	28	27	23	20	24	14	18	19	11	26	31	18	17	23	21	24	24	20	22	12	7	21		23 9
Phoenixville	Maximum	62	59	58	65	62	66	72	74	75	60	51	52	52	51	56	56	45	55	61	60	56	51	44	55	60	64	57	51	53	45		57 6
	Minimum	29	38	43	38	27	35	33	52	48	27	33	29	28	27	22	38	20	27	25	30	26	37	32	34	27	23	28	23	17	22		30 6
Pittsburgh Arpt Sta.[3]	Maximum	75	59	45	40	55	54	70	64	41	35	37	40	37	37	44	41	34	54	61	53	56	37	42	50	55	55	45	35	39	35		47 5
	Minimum	48	45	37	31	32	35	50	41	30	29	27	26	27	23	30	27	22	29	45	37	30	31	26	27	28	31	31	25	22	22		31 5
Pittsburgh City Office[3]	Maximum	77	62	46	43	57	55	72	66	44	38	40	42	39	40	45	38	36	55	64	53	58	38	44	51	56	57	48	38	42	37		49 4
	Minimum	44	48	43	35	36	37	50	45	34	31	31	30	29	27	33	29	25	34	47	36	32	33	29	31	32	31	33	30	25	26		34 2
Port Clinton[2]	Maximum	66	53	52	51	54	59	62	66	52	45	40	44	40	40	44	40	35	45	58	53	53	35	39	39	46	56	56	50	38	36		47 8
	Minimum	29	39	40	34	26	36	35	47	47	30	31	27	29	30	23	30	17	29	26	26	23	34	28	33	38	28	24	29	14	18		29 8
Putneyville	Maximum	74	60	48	40	52	52	70	65	46	40	37	36	36	36	41	41	32	50	60	53	50	44	42	49	51	51	50	50	31	34		47 4
	Minimum	48	50	41	38	34	27	46	44	32	32	23	21	27	25	24	26	19	26	32	28	22	30	23	20	23	22	21	24	15	19		28 7
Pymatuning Dam[2]	Maximum	75	50	40	40	50	55	72	60	34	35	40	50	35	35	40	59	34	60	58	45	44	35	40	46	55	55	38	38	36	35		46 3
	Minimum	35	40	37	35	30	30	32	52	30	29	23	22	30	28	24	26	19	21	24	22	30	21	24	21	20	25	26	20	20	20		27 3
Quakertown	Maximum	56	58	55	53	55	61	68	66	66	46	43	45	44	41	45	45	37	46	60	54	51	47	37	48	58	58	58	42	35	37		50 2
	Minimum	25	39	40	30	23	31	36	46	42	26	33	27	28	27	19	33	18	24	23	26	22	32	29	25	26	21	25	20	17	20		27 9
Reading[3]	Maximum	62	58	52	53	57	62	67	70	67	48	41	46	43	43	48	45	38	50	62	57	52	40	39	55	60	62	52	42	39	39		51 8
	Minimum	36	48	43	37	33	41	44	52	35	34	35	32	33	31	31	32	26	33	33	35	32	33	33	34	38	32	34	28	23	28		34 6
Ridgway[2]	Maximum	70	56	41	41	48	51	66	64	44	38	40	42	39	40	45	38	36	55	64	53	58	38	44	51	56	57	48	38	42	37		49 4
	Minimum	26	38	34	33	27	26	26	42	31	29	25	19	24	25	15	28	13	20	23	26	18	22	19	15	16	15	25	11	11	11		23 2
Scranton[3]	Maximum	61	53	48	48	54	56	64	65	51	43	39	41	39	36	37	37	32	45	53	49	51	38	32	44	54	58	45	31	35	35		45 8
	Minimum	32	46	46	38	33	39	38	51	33	32	33	29	32	29	27	24	19	29	32	34	26	29	29	31	32	28	32	28	19	20		31 5
Selinsgrove	Maximum	58	56	52	52	53	60	64	66	66	45	41	42	42	42	43	44	36	48	52	49	47	48	45	54	60	55	47	39	39	37		49 4
	Minimum	34	46	45	35	26	32	34	55	38	31	32	29	35	30	24	32	16	26	31	29	24	34	30	25	30	23	30	25	16	25		30 7
Sharon	Maximum	76	76	50	45	54	53	73	72	49	39	40	40	38	36	41	40	32	54	63	63	47	44	42	49	57	57	57	38	37	37		50 0
	Minimum	45	46	41	35	37	33	51	41	34	32	32	31	31	31	34	31	25	31	38	33	29	34	29	30	25	27	33	30	26	30		33 4
Somerset	Maximum	72	60	50	37	51	61	64	64	47	32	33	40	38	34	55	50	31	53	58	57	57	45	41	45	56	54	46	35	41	33		48 0
	Minimum	33	40	35	33	20	25	43	46	28	28	28	25	25	16	16	24	19	25	27	27	19	28	23	18	21	18	30	16	10	19		25 5
Springs[6]	Maximum	70	59	49	35	48	62	63	61	45	29	29	41	36	33	53	50	29	51	57	53	57	44	36	42	55	51	45	33	29	30		45 8
	Minimum	37	37	35	27	22	27	39	43	27	27	24	24	24	8	19	23	17	21	42	29	24	27	22	23	23	24	27	15	12	20		25 6
State College[3]	Maximum	60	54	46	45	47	55	61	65	45	39	36	39	37	35	44	43	31	48	58	53	47	38	42	51	54	54	45	33	33	35		45 8
	Minimum	43	46	35	33	28	34	43	45	33	34	29	25	27	26	26	27	20	29	38	34	26	28	27	31	32	31	27	24	20	26		30 9
Stroudsburg	Maximum	59	59	54	54	56	62	62	66	68	51	49	45	45	44	43	44	42	48	60	60	50	47	37	50	62	59	51	47	38	40		51 7
	Minimum	27	38	39	30	25	35	31	51	48	27	34	27	29	27	20	36	15	22	28	27	23	35	30	29	27	22	28	26	14	20		28 8
Tamarack[2]	Maximum	59	50	40	43	44	52	58	59	35	37	30	32	32	34	35	30	26	41	54	47	40	28	36	47	53	50	38	30	31	29		40 7
	Minimum	28	37	36	33	27	28	32	40	32	20	28	20	21	23	21	25	15	17	25	36	27	27	20	20	26	28	32	23	19	17		26 1
Towanda	Maximum	63	53	49	50	52	56	66	65	66	45	42	42	41	40	36	35	35	48	59	49	43	36	34	49	60	57	46	35	35	38		47 6
	Minimum	28	40	40	35	27	32	34	52	36	32	32	24	31	29	24	26	11	24	34	28	23	29	28	26	22	20	30	25	15	18		28 5
Uniontown	Maximum	79	71	53	43	58	63	78	68	49	37	39	44	43	41	56	53	38	55	63	58	60	50	44	41	53	56	48	42	42	36		52 0
	Minimum	48	53	40	34	28	32	53	49	35	32	30	28	31	21	31	33	28	32	47	36	28	35	27	23	24	25	37	22	25	24		33 6
Vandergrift[3]	Maximum	77	62	49	43	57	58	73	68	45	40	40	42	41	40	46	45	34	55	63	56	56	42	49	54	51	56	47	37	41	37		50 1
	Minimum	39	48	40	34	30	30	39	44	34	33	30	29	31	27	32	27	26	30	34	31	25	34	26	23	25	23	30	28	19	25		30 9
Warren	Maximum	72	57	46	41	50	53	68	64	46	40	36	34	36	34	35	35	31	47	57	48	40	38	41	47	58	54	47	33	36	36		45 3
	Minimum	42	41	37	33	30	35	42	44	31	31	25	23	27	26	17	25	22	25	31	28	23	29	27	19	25	21	29	26	19	21		28 5
Waynesburg	Maximum	78	73	51	42	56	62	75	66	45	36	37	43	42	41	55	54	36	56	63	59	58	53	45	47	60	56	52	42	41	38		52 1
	Minimum	41	50	38	28	23	27	42	45	30	30	26	23	29	18	28	30	25	27	45	30	21	33	25	20	19	20	34	15	13	19		28 5
Wellsboro[2]	Maximum	62	51	45	45	49	52	61	63	42	43	37	36	37	38	35	32	29	47	59	48	42	31	35	49	58	54	43	29	37	34		44 1
	Minimum	29	33	38	32	26	27	27	31	33	29	29	18	18	25	17	28	12	17	20	28	20	21	24	21	22	19	19	22	14	13		23 7
West Chester	Maximum	63	62	57	55	58	64	68	66	67	49	41	47	43	43	53	50	39	50	66	63	55	51	38	52	59	62	55	41	38	39		53 1
	Minimum	36	44	43	35	32	40	44	52	44	28	32	29	32	27	26	36	23	29	32	38	35	34	30	33	36	31	35	25	22	27		38 7
Wilkes-Barre[5]	Maximum	60	54	51	51	53	58	64	67	52	45	40	42	40	38	40	38	36	48	57	48	49	35	35	46	57	57	46	37	36	36		47 2
	Minimum	30	45	44	35	28	32	35	52	45	32	33	26	33	31	25	36	18	26	26	29	26	34	30	30	26	25	28	27	18	18		30 8
Williamsport	Maximum	60	65	52	54	52	57	64	61	59	42	41	41	41	42	36	40	35	47	47	48	48	45	41	53	58	48	43	40	36	39		47 8
	Minimum	34	46	41	37	27	32	38	52	37	30	32	24	31	30	23	31	20	26	27	29	24	32	29	29	30	24	28	30	19	27		30 6
Woodward[5]	Maximum	56	50	40	45	43	52	58	60	39	33	30	32	30	40	38	37	27	44	52	48	41	32	34	46	51	53	42	28	29	30		41 3
	Minimum	37	40	34	29	30	34	42	39	25	28	24	21	23	22	26	19	16	25	38	31	30	23	22	26	29	39	24	20	17	21		27 8
York	Maximum	64	61	57	54	58	67	69	66	66	48	44	50	47	44	51	50	44	53	62	61	58	56	44	56	61	65	60	45	42	38		54 7
	Minimum	38	44	39	32	26	31	40	56	44	27	33	25	31	29	25	40	20	26	28	31	27	37	31	29	26	25	30	24	17	24		31 0

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [6] At a fixed hour between sunset and 11:00 p.m. [a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

W. B. O., Philadelphia-1-17-44-975

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLVIII. DECEMBER 1943. No. 12.

GENERAL SUMMARY.

The average temperature was again below normal, resulting in a daily deficiency, for the last four months, of 2.7°. Excepting 1942, this was the coldest December since 1935. Highest temperatures were recorded early in the month. Lowest minima occurred, generally, about the 15th and the extreme, —23°, equalled those of 1920 and 1924 in being the third lowest December temperature of record. One man died of the cold near Latrobe, Westmoreland County, on the 15th.

This was the driest December of record. As a result of the deficiency of 1.96 inches, precipitation, in 1943, was 3.93 inches below normal. December's precipitation was fairly frequent but amounts were very light. The average number of days on which measurable amounts fell was only five, the lowest in the period of record for the month. In the storm of the 26th, which produced about 75% of the total precipitation, rain froze as it fell, building up accumulations of glaze on exposed surfaces. Power lines broke and some damage to trees was reported. Highways were impassable and in the mountain regions, particularly, bus schedules were suspended. This complicated the transportation problems of the railroads, already over-burdened by holiday traffic.

The average snowfall was slightly less than November's and was less than one third normal. Snow occurred on a number of days about mid-December, but significant amounts were confined to northwestern stations.

The ground was frozen during most of the month, diminishing the amount of outside work done on the farms. Stable feeding rapidly depleted supplies of home-grown feed and grains. Combined with the low temperatures, the lack of snow cover was a source of potential damage to winter grains. Wells and springs were dry in some localities and farmers were hauling water for stock. The storm of the 26th was of some benefit but, due to the frozen ground, the soil moisture was not replenished as much as could be desired. G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 78 stations was 28.4°, which is 3.0° below the 56-year normal for December. The highest monthly mean was 36.9° at Marcus Hook, and the lowest was 21.0° at Kane. Extremes ranged from a maximum of 63° at Phoenixville on the 9th to a minimum of —23° at Kane on the 15th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 197 stations, was 1.12 inches, which is 1.96 inches below the 56-year normal for December. The greatest monthly amount was 3.23 inches at Laurel Hill Tunnel, while the least was 0.45 inch at Wellsboro. The greatest amount recorded in any 24 consecutive hours was 1.45 inches at Black Moshannon Airport, Philipsburg on the 26-27th.

The average snowfall for the State was 2.1 inches, which is 5.5 inches below the 56-year normal. The greatest monthly snowfall was 13.7 inches at Meadville. The greatest fall for any observational day was 5.0 inches at Titusville on the 22d.

ERRATA

October, 1943.—Page 70, table of comparative data for October, number of cloudy days in 1943 should be 15. Page 71, State mean of number of cloudy days should be 15.

November, 1943.—Page 79, Gordon, total precipitation should be 5.92 inches, departure, +2.74 inches; Lawrenceville, total precipitation should be 2.01 inches, departure, —0.26 inch. Page 80, Fredericksville, total precipitation should be 3.64 inches; Lawrenceville, total precipitation should be 2.01 inches. Page 81, East Waterford, total precipitation should be 3.01 inches; Gordon, total precipitation should be 5.92 inches.

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	32.5	62	−10	3.14	5.2	9	8	8	15
1889	39.6	73	0	2.77	0.9	12	11	9	11
1890	27.2	59	−11	3.97	29.4	12	7	8	16
1891	38.4	68	−3	4.09	0.3	10	12	8	11
1892	27.8	70	−13	1.69	5.7	9	7	9	15
1893	32.2	70	−7	3.06	9.4	12	6	11	14
1894	32.4	66	−28	3.95	11.9	10	10	9	12
1895	34.2	70	−10	3.22	2.3	7	10	9	12
1896	30.6	67	−13	1.20	5.4	6	10	9	12
1897	33.0	73	−6	3.95	9.6	12	6	8	17
1898	29.8	68	−11	2.98	8.7	10	10	8	13
1899	31.5	73	−11	3.04	4.4	10	10	10	11
1900	31.2	65	−2	2.08	3.9	7	8	9	14
1901	29.1	77	−18	5.91	7.6	11	7	9	15
1902	28.4	68	−12	5.54	17.3	14	7	7	17
1903	25.4	60	−14	2.66	13.2	9	8	9	14
1904	25.8	71	−19	2.48	14.4	11	7	7	17
1905	33.6	65	−5	3.57	2.2	8	10	7	14
1906	30.8	67	−14	3.97	7.6	14	5	5	21
1907	33.2	68	−8	4.30	9.8	12	7	8	16
1908	32.0	74	−2	2.86	9.4	10	9	8	14
1909	27.0	71	−10	3.39	12.7	8	9	8	14
1910	24.4	68	−14	2.65	16.0	12	8	6	17
1911	36.3	70	5	3.27	5.4	13	7	5	19
1912	34.4	74	−8	3.27	8.1	9	9	7	15
1913	34.2	66	−7	2.63	7.2	8	9	7	15
1914	27.3	69	−28	4.63	13.0	14	8	5	18
1915	29.4	70	−7	4.06	13.7	12	6	8	17
1916	29.7	73	−12	3.07	10.5	12	11	9	11
1917	21.5	52	−28	1.78	15.0	8	10	8	13
1918	36.6	72	−1	3.38	3.0	11	9	7	15
1919	25.3	66	−23	2.61	9.4	11	9	8	14
1920	33.4	68	−7	3.28	3.8	10	7	9	15
1921	31.6	66	−11	2.59	7.2	10	8	8	15
1922	31.5	69	−9	2.75	7.1	10	10	8	13
1923	39.6	71	1	4.99	2.4	14	9	7	15
1924	39.8	69	−23	2.13	3.6	11	7	7	17
1925	30.7	62	−15	1.72	3.8	10	8	7	16
1926	27.3	62	−20	2.58	10.0	12	8	7	16
1927	32.7	73	−6	4.41	4.5	13	9	6	16
1928	24.4	68	−2	1.16	0.9	6	13	7	11
1929	32.2	70	−9	2.77	10.0	12	7	6	18
1930	30.0	59	−15	2.29	6.8	10	6	7	18
1931	38.1	70	−1	2.85	1.1	11	10	6	15
1932	33.3	72	−14	2.19	7.4	12	10	6	15
1933	31.7	74	−22	2.88	8.7	12	9	7	15
1934	30.7	73	−10	2.55	3.0	10	9	8	14
1935	26.3	60	−19	2.62	13.5	16	5	7	19
1936	34.5	74	−11	4.19	6.3	11	11	6	14
1937	29.7	66	−14	2.45	5.7	10	10	5	16
1938	32.2	64	−5	2.56	4.7	11	8	7	16
1939	33.9	68	−8	2.24	6.0	11	7	6	18
1940	35.9	68	−9	3.08	3.1	12	7	7	17
1941	35.6	76	−8	3.10	2.0	10	6	8	17
1942	27.4	62	−25	5.05	11.5	14	6	7	18
1943	28.4	63	−23	1.12	2.1	5	11	9	11
Period	31.4	77	−28	3.08	7.6	11	8	8	15

Climatological Data for December 1943

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	31	30.0	−2.2	57	9	8	24†	1.21	−2.30	1.03	26-27	T	2	15	15	1	sw.	Allent'n-Bethlehem Gas Co.
Altoona-5 W	Blair	1,615	56	28.2	−1.9	54	4	− 9	15	1.17	−1.57	0.44	26	7.0	9	13	10	8	w.	City of Altoona.
Bethlehem	Northampton	364	57	30.2	−3.5	56	9	10	15†	1.16	−2.12	0.96	26-27		3	13	4	14	nw.	Lehigh University.
Burnt Cabins-2 E	Huntingdon	990	2	27 8	.....	54	3†	− 4	16	0.68	.....	0.61	26	T.	2	16	7	8	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	74	31.5	−0.3	60	9	5	15†	1.17	−1.93	1.08	26-27	T.	4	22	3	6	sw	Clarence E. Miller.
Chambersburg	Franklin	600	46	32.4	−0.9	59	2†	4	16	1.22	−1.74	1.12	26	T.	2	15	8	8	sw.	William B Spear.
Coatesville	Chester	431	56	31.6	−1.3	56	2†	9	16†	1.40	−2.59	0.79	26-27	7.5	12	4	17	10	w.	Howard L. Pyle.
Curwensville-6 NW	Clearfield	2,215	1	22.8	.....	47	2†	− 8	15	1.96	.....	0.92	26	1.8	3	9	8	14	n.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	2	22.2	.....	50	9	− 4	16	1.14	.....			1.0	§	.....	.....	.....	.....	Carl E. Bigger.
Emporium	Cameron	1,033	57	§	.....	52	2	−13‡	15	§	.....	.....	.....	.....	4	13	6	12	s.	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	46	32.7	−0.2	59	9	9	15†	1 14	−1.98	0.99	26-27	.....	4	13	10	8	ne.	Ira J. Keath.
Everett-1 SW	Bedford	1,020	21	29 6	−0.3	59	4	2	15†	1.06	−1.87	0.94	26	1.4	4	13	10	8	ne.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	50	25.3	−2.1	49	9	0	15	0.87	−3 05	0.83	26	T.	3	7	3	21	nw.	Andrew B. Evansha.
George School	Bucks	184	37	31.4	−2.2	59	3†	8	16†	1.06	−2. 51	0.92	26-27	0.1	3	10	12	9	n.	Prof. N. W. Swayne.
Gettysburg	Adams	553	70	34.2	+1.4	60	2	6	17	1.26	−1.90	1.16	26-27	T.	4	21	4	6	w.	Dr. Henry Stewart.
Gordon	Schuylkill	900	39	27.7	−1.9	54	9	0	16	1.00	−2.72	0.91	26-27	.....	4	16	8	7	ne.	Miss Sallie M. Johnson
Hanover	York	600	39	32.2	−2 6	59	2†	8	16	1 30	−1.75	1.15	26-27	T	2	12	8	11	s.	Hanover Evening Sun.
Harrisburg Airport	York	351	74	32.5	−0 2	59	2	10	16	1.06	−1.96	0.99	26	0.1	2	4	15	12	w.	U. S. Weather Bureau.
Hawley	Wayne	900	25	25.2	−3.5	52	9	− 5	16	0.93	−2.14	0.74	26	1.3	5	17	8	6	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	28	33.4	−1.4	57	2†	14	15†	1.24	−1.44	1.17	26	T.	2	9	12	10	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	56	30.0	−1.7	58	4	− 2	15	0.99	−1.93	0.89	26-27	0.2	3	11	10	10	w	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	56	31.6	−1.6	59	9	5	16	1.19	−2.00	1.04	26	T.	4	18	8	5	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	46	26.4	−2.4	51	2	− 7	15	0. 61	−1. 37	0.51	26-27	2.0	4	6	11	14	n.	Carlos P. Darling.
Lebanon	Lebanon	469	59	30.2	−2.0	59	9	4	16	1 11	−2.23	1.01	26-27	0	2	25	5	1	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	5	29.7	.....	57	2†	3	16	0.80‖	.....	0.76	26	.....	2	11	6	14	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	53	28.6	−2.8	53	9	0	24	0.85	−2.00	0.75	26-27	1.0	3	13	10	8	e.	William R. Kelley.
Marcus Hook	Delaware	12	17	36.9	−2.0	61	9	14	15†	1.39	−2.15	1.23	26-27	T.	2	24	1	6	w.	Sun Oil Co.
Martinsburg	Blair	1,493	1	27.8	.....	54	4	0	15	0.91	.....	0.80	26	.....	5	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose	Susquehanna	1,176	38	21.2	−5 4	47	2	− 3	15†	0.89	−1 68	0.69	26-27	2.4	4	11	9	11	nw.	Harry S. Fancher.
Mt. Pocono Airport	Monroe	1,914	2	23.6	.....	49	2	− 1	15	1.21	.....	0.92	26-27	1.9	9	5	18	8	nw	U. S. Weather Bureau.
Palmerton	Carbon	455	25	29.3	−2.6	57	9	3	16	0.76	−2.15	0.67	26-27	0.1	3	11	7	13	w.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	32.8	−1.8	57	9	10	24	1.23	−2.20	1.09	26-27	T.	3	9	13	9	nw.	U. S. Weather Bureau.
Philipsburg1-7 E	Centre	1,916	1	23.0	.....	49	4	−16	15	1.97	.....	1.45	26-27	4.8	10	1	17	13	w.	U. S. Weather Bureau.
Phoenixville	Chester	100	33	33.6	−0.3	63	9	4	16	1.36	−2 33	1.19	26-27	T.	2	19	9	3	nw.	Phila.-Suburban Water Co.
Port Clinton	Schuylkill	407	5	27.1	−5.0	55	9	4	15†	1.08	−2.53	0.90	26-27	T.	2	22	7	2	n.	Earl E. Rarick.
Quakertown	Bucks	480	58	28.0	−3.4	55	9	0	16	1.20	−2.76	0.91	26-27	T.	4	15	10	6	w.	John E. Benner.
Reading	Berks	273	73	33.0	−1.2	58	9	11	16	1.27	−2.29	1.10	26-27	0.1	3	8	14	9	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	49	27.2	−3.5	53	9	4	16	0.79	2 23	0.66	26-27	1.0	7	5	19	7	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	53	31.1	−0.7	56	2†	5	15†	1.10	−1.91	1.05	26-27	T.	4	24	3	4	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	28.2	−1.8	52	4	2	15	0.87	−1.80	0 81	26	0.7	4	5	16	10	nw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	29	28.9	−1.7	56	9	− 3	16	0.95	−2. 41	0.90	26-27	T.	3	7	13	11	w.	Metropolitan Edison Co.
Tamarack Twr.	Clinton	2,250	3	22.8	.....	49	8	− 5	16	0.87	.....	0.69	26	1.0	4	5	18	8	w.	James E. Swartz.
Towanda	Bradford	754	49	26.4	−2.7	54	9	− 5	16	0 69	−1.50	0.60	26-27	1.9	5	12	12	7	w.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	73	23.7	−4.3	50	2	− 8	16	0 45	−1.69	0.39	26	0.8	3	14	12	5	s.	M. S. Bliss.
West Chester	Chester	410	94	32.6	−0.8	56	9	8	24	1.38	−2.42	1.22	26-27	T.	4	14	11	6	w	Clyde T. Saylor.
Wilkes-Barre	Luzerne	544	5	26.6	.....	57	9	3	16	0.79	−1.94	0.66	26-27	0.2	5	1	18	12	sw	U. S. Communication Sta.
Williamsport	Lycoming	550	57	28 8	−2.1	55	9	4	15	0.86	−2.03	0.81	26-27	.....	2	4	20	7	w.	John D. McEwen.
Woodward-2 NE	Centre	2,208	2	24.2	.....	48	2	0	15	0.74	.....	0.67	26-27	.....	5	3	11	17	w.	U. S. Weather Bureau.
York	York	400	55	33.0	−0.4	61	3	1	16	1.31	−1.62	1.22	26	0	3	17	9	5	w.	York Water Co.
Division mean				28.9	−2.5	63	9	−16	15	1.08	−2.00	1.45	26-27	0.9	4	12	10	9	w.	
Ohio Drainage																				
Bradford	McKean	1,680	2	24.2	.....	49	2†	−19	15	1.05	−2.12	0.31	26	7.6	10	7	11	13	w.	City Water Dept.
Brookville	Jefferson	1,400	53	25.0	−3.2	54	6	−15	15	1.34	−1.68	0 82	26-27	.....	10	1	9	21	sw.	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	28.6	−3.2	54	5	− 8	15	1.08	−1.93	0 74	26	3.2	7	11	11	9	w.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	33	26.0	.....	52	2†	−13	15	1.07	−2. 45	0.73	26	2.5	6	7	5	19	w.	Penna. Electric Co.
Claysville	Washington	1,170	38	27.4	−5.6	54	4	− 4	16	1.03	−1.93	0.75	26-27	0.4	6	11	4	16	w.	Walter B. Paget.
Coudersport	Potter	1,653	16	23.6	−3.6	50	4	−18	15	0 94	−2.02	0.18	26-27	5.8	14	9	15	7	nw.	Philip R. Shaw.
Derry	Westmoreland	1,150	46	30.3	−2.1	56	6	− 7	15	1. 47	−1.83	0.69	26	2.0	9	18	2	11	w.	Miss N. Dixie Wineman.
Donora	Washington	761	17	32.0	−4.5	57	4	7	15†	1.28	−1 31	1.06	26	0.3	5	4	6	21	sw	Donora Zinc Works.
Ebensburg	Cambria	2,170	26	24.4	−4.5	49	8	− 9	15	1.18	−1.80	0.75	26-27	3.5	8	7	6	18	w.	Miss. Emma H. Eastman.
Ford City-4 SE	Armstrong	950	0	28.7	.....	54	6	− 7	15	1.12	.....	0.86	26-27	.....	4	12	0	19	w.	U. S. Engineers.
Franklin	Venango	987	69	26.2	−3 4	54	2†	− 6	15	1.00	−2. 18	0.37	26	5 5	7	13	4	14	n.	William K. Fuller.
Greensburg-2 S	Westmoreland	1,160	34	28.6	−4.5	54	4	−10	15	1.34	−1.71	0.83	26	2 0	11	16	7	8	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	42	28.3[d]	−2.7	56	6	− 3[b]	15	1.28	−2.05	0.68	26	.....	11	12	7	12	s.	Indiana State Teachers Col.
Johnstown	Cambria	1,650	61	28.4	−4.3	52	4	− 8	15	1.70	−2.07	0.83	26	5.6	13	13	10	8	s.	Robert Tross.
Kane-1 N	McKean	1,750	28	21.0	.....	50	6	−23	15	1.19	−3.47	0.33	26	10.9	14	8	4	19	nw.	Spring Water Co.
Meadville	Crawford	1,065	49	25.6	−3.6	51	2	− 6	15	1.21	−1.97	0.37	6	13.7	13	2	9	20	sw.	City of Meadville.
Midland	Beaver	780	6	30.0	.....	55	8	− 3	15	0.91	.....	0.65	26-27	0.2	4	8	6	17	nw.	Perry P. Campbell.
New Castle	Lawrence	900	63	29.8	−1.3	54	7	− 1	15	0.91	−1.79	0.50	25-26	1.3	8	2	11	18	nw	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	101	29.4	−2.6	53	4	4	15	1.14	−1.72	0.81	26-27	1.4	11	7	8	16	sw.	U. S. Weather Bureau.
Putneyville-2 SE	Armstrong	1,270	0	26.7	.....	54	6	12	15	1.33	.....	0.78	26-27	5.0	9	10	4	17	w.	U. S. Engineers.
Pymatuning Dam	Crawford	1,050	2	25.4	.....	52	2†	− 2	15†	0.84	.....	0.36	6	...	12	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Ridgway	Elk	1,371	36	23.2	−5.0	56	6	−19	16	1.24	−2.53	0.73	26	7.3	10	4	15	12	s.	West Penn Power Co.
Sharon	Mercer	940	30	31.2	−0.1	55	2†	1	15	§	.....	§	.....	2.0	§	16	11	4	sw.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,190	76	26.5	−2.5	53	4	−18	15	1.52	−2.56	0.81	26	6.0	8	6	7	18	sw.	D. L. Grove.
Springs	Somerset	2,500	26	26.0	−3 8	52	8	−13	15	1.40	− 1.83	0.76	26	3.8	11	7	12	12	w.	Allen E. Yoder.
Uniontown	Fayette	1,060	55	32.4	−2.7	56	8	3	15	0.90	−2.53	0.46	26	1.0	9	11	9	11	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	29	30.3	−3.3	55	4	− 2	15	1.27	−1.71	1.05	26	T.	3	9	12	10	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	54	27.2	−1.5	53	2	− 1	23	1.93	−1.15	0.85	26-27	2.9	5	11	3	17	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	12	29.8	−5.0	55	5	− 2	24	1.12	−1.69	0.91	26	T.	6	4	14	13	sw.	Thomas S Knox.
Division mean				27.5	−3.9	57	4	−23	15	1.21	−1.87	1.21	26-27	3.8	8	9	8	14	sw.	
Lake Drainage																				
Erie	Erie	670	70	29.3	−2.6	50	4	7	15	1.13	−1.70	0.30	6	7.8	9	2	11	18	sw.	U. S. Weather Bureau.
State mean				28.4	−3.0	63	9	−23	15	1.12	−1.96	1.45	26-27	2.1	5	11	9	11	w.	

For cooperative stations the departure from normal temperatures are computed from averages of entire period for stations having 10 or more years of record. Departures of precipitation for stations with 15 or more years of record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for period of record are used. † On other dates also. § Incomplete. ‖ Total partially estimated. • Estimated. T.(trace) indicates precipitation less than .01 inch. Reference letters, [a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., missing from the record.

Figures and letters following station indicate distance and direction from the city and replace the previous designation 'near'. Locations not appearing here are shown in the Daily Precipitation Table. ‡ Philipsburg is Black Moshannon Airport.

Daily Precipitation for December 1943

Stations	Counties	Day of month																												Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2]	Pike							T				T																					
Hawley[2]	Wayne				.03			.09				.04	T.	.03		T.						T.		T.				.72					0.72
Hollisterville[2]	Wayne				.02	T.		.03				.09		.07								T.	T.	T				.74					0.98
Lakeville[2]	Wayne					T.		.09		T.		.01		.03							.01	T.	T.	T				.70					‖0.92
Matamoras[2]	Pike							.10																T				.73	T.				0.86
Mount Pocono[1, 5]	Monroe	T.		T.			.10	.01	T.		.02	.01	.07	.03	T.	T.					.05							.73					0.83
Pleasant Mount‡	Wayne			.06	.04		.19						.05	.01							.03		T.	T.			.76	.16	T.				1.21
Stroudsburg	Monroe						T.	.05				T.		T.							.05						.57	.19					1.14
Tanners Falls‡	Wayne			.02			.16						.06	.01													.14	.76					0.95
LEHIGH																											.48	.17					0.90
Allentown[2]	Lehigh							.18				T.		T.																			
Bethlehem‡	N'rthampton						.20		T.			T.		T.							T.						1.08					1.21
Blakeslee Corners‡	Monroe			.03			.11					.04	.05	.03													.94	.02					1.16
Gouldsboro[2]	Wayne				.02			.15				.04	.14		.04							.05					.62	.09					0.97
Lansford[2]	Carbon							.18				T.		T.							T.							.70					1.14
Mauch Chunk	Carbon						•	.10				T.		.01							T.							.98					1.16
New Tripoli	Lehigh						.07	.06				T.															.06	.89					1.06
Palmerton‡	Carbon			T.			.09					T.		T.							T.						.47	.48					1.08
Zionsville	Lehigh						.03	.15						T.							T.						.62	.05					0.76
SCHUYLKILL																											.15	.95					1.28
Conshohocken	Montgomery						.10			T.											T.						1.11	.09					‖1.30
Fredericksville[2]	Berks							.20				T.		T.														1.20					1.40
Freeland[2]	Luzerne				T.			.03		T		T		.01						T.			T.	T.	T.			.83					0.87
Gratersford[2]	Montgomery							.12																				1.26					1.38
Phoenixville[2]	Chester							.17													T.							1.19					1.36
Port Clinton[2]	Schuylkill							.18				T.																.90					1.08
Pottstown[2]	Montgomery							.17																				1.20					1.37
Pottsville[2]	Schuylkill							.10				T.																.95					1.05
Reading‡[1]	Berks						.17					T.		T.							T.			T			1.09	.01					1.27
Wernersville[6]	Berks						.13	.02				T.		T.							T.				T.		.80	.24					1.19
LOWER DELAWARE																																	
Coatesville[6]	Chester						•	.08				T.															1.20	.12					1.40
Doylestown	Bucks						.02	.11				T.		T.													.35	.77	T.				1.25
George School[6]	Bucks						.14	T.	T.	T.		T.															.88	.04					1.06
Marcus Hook[2]	Delaware							.16				T.		T.											T.			1.23					1.39
Philadelphia Airport Station‡[1]	Philadelphia			T.			.14					T.		T.													1.08	.01					1.23
City Office‡[1]	Philadelphia						.12																				1.10	T.					1.22
Franklin Inst.[2]	Philadelphia							.16																				1.18					1.34
Shawmont	Philadelphia						.02	.12																			.37	.80					1.31
Quakertown	Bucks						.10	.19				T.		T.													.34	.57					1.20
West Chester	Chester						.07	.09				T.		T.											T.		.90	.32					1.38
West Grove[2]	Chester							.16		T		T.																1.38	T.				1.54
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg‡	Tioga						.08				.12	.01	.07														.41						0.69
Centerville[2]	Bradford							.09						.05														.55					0.69
Covington[2]	Tioga							.02				T.		.04								T.	T.					.73					0.79
Lawrenceville	Tioga						T	T.				.05		.05	T.	T.											.26	.25					0.61
NORTH BRANCH																																	
Canton[2]	Bradford							.05				.02		.02		.02					•							.75					0.86
Danville[2]	Montour							.09				T.																1.01					1.10
Kellogg Mt Tower[2]	Bradford				T.			.02				T.		.02		T.						T.	T.	T.				.78					0.82
Millville‡	Columbia		.02	.05			.09																		•	•	•	•	•	•	•	.88	§
Montrose[2]	Susquehanna				.01			.06				T.		.13		T.					T.	T.	T.		T.			.69					0.89
Orwell[2]	Bradford							.05						.03		T.							T.					.75					0.83
Park Place[1, 5]	Schuylkill						.11					T.	.02		T.												.70						0.83
Pikes Creek‡	Luzerne						.11	.01			.04																.70	.02					0.88
Rush[2]	Susquehanna				.02			.08				.01	.08	T.		.01		T.			T.	T.		T.				.73					0.93
Scranton‡[1]	Lackawanna			T.			.06				.01	.01	.03	.02							T.		T.	T.	T.		.56	.10					0.79
Susquehanna[2]	Susquehanna				.01			.08	T.			.09		.01		T.					.01		T.	T.				.54					0.74
Towanda[6]	Bradford	T.		T.			.01	T.				.05		.03	T.						T.	T.	T.				.30	.30					0.69
Tunkhannock‡	Wyoming						•	.15			.03		.05														.64	.01					0.88
Wilkes-Barre[5]	Luzerne			.01			.10				T.	T.	.02								T.		T.	T.			.63	.03	T.				0.79
WEST BRANCH																																	
Ansonia[2]	Tioga							.08				.01		T							.01							.58					0.60
Bald Eagle‡	Blair						13				.01	.06	.06	.01												•	•	.93					1.20
Carter Camp‡	Potter						.17				.02	.01	.04			•	•	•	•	•	•	.15					.72						1.11
Cedar Run[2]	Lycoming							.17														.10						.70					0.97
Clearfield[2]	Clearfield				T.			.32		.04		.03		.08		T.	T.				T.			T				.78	.04				1.29
Coalport[2]	Clearfield			T.	T.			.17		.01		T.																					§
Curwensville[1, 5]	Clearfield		T.	T.			.36	T.	.11		.05	.02	.16	.08	.09		.03	T.		T.	.10	T.	.02	T.	T.		.79	.15	T.			T.	1.96
Driftwood‡	Cameron						.21				.04										.03						.67						0.95
Du Bois, 7 E.	Clearfield						.13	.13	T.			.02	T.	.09	.04		.01				T.		T.				.52	.23	T.				1.17
Dushore‡	Sullivan				•	•	•	•	•	.15	.05		.03	.01							.07						.82						1.13
Eagles Mere[2]	Sullivan							.17				T.		T.								.05						.92					1.14
Emporium[2]	Cameron	T.			T.			.20		T.		.22		T.		.01	T.	T.										.09					§
English Center‡	Lycoming						.12								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.80	0.92
Galeton	Potter						.15	T.	T.			.03	T		.02			T.	T.		T.						.13	.42					0.75
Karthaus[2]	Clearfield							.35		.04		.02		.05								T.		T.				65	.02				1.13
Lock Haven[2]	Clinton				T.			.08		T.		T.		T.								T.			.02			.75					0.85
Medix Run‡	Elk				.03		.25				.03	.03	.04		.03						.07						.73	.01					1.22
Philipsburg[1, 5, 7 E.]	Centre		T.	T.			.08		.02		.25	T.	.08	.03	T.		.01	T.		T.	.02	T.	.01	T.	T.		1.41	06	T.			T.	1.97
Renovo[2]	Clinton							.17		.03		.02													.01			.54					0.77
Shaffers Path[2]	Lycoming							.07				T.									T.							.90					0.97

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Daily Precipitation for December 1943—Continued from page 87

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
State College‡	Centre		T.	T.			.03		T.		.02	.01	T.	T.	T.		T.	T.			T.		T.	T.			.81	T.	T.				0.87
Tamarack Tower[2]	Clinton	T.			T.		.14		T.		T.	T.		.03	T.	T.					T.	T.	T.	T.	.01		.69	T.					0.87
Wellsboro[2]	Tioga						.04					T.		T.		T.					.02	T.					.39						0.45
Williamsport[2]	Lycoming						.05															T.					.81						0.86
JUNIATA																																	
Altoona	Blair			.04		.08	.09				.02		.03								.02			T.			.44	.42	.03				1.17
Bedford[2]	Bedford											T.			T.	T.									T.			.80					§
Breezewood Intch[3]	Bedford			T.			.05					T.		T.	T.									T.			.89						0.94
Buffalo Mills[2]	Bedford							.06				.03		.01													.36	.39	.09				0.94
Burnt Cabins[3]	Huntingdon						.07					T.		T.													.61						0.68
Charter Oak‡	Huntingdon						.09	*	*	*	*	*	.03											•	•	•	•	.87						0.99
East Waterford[2, 3E]	Perry				T.			.05		T		T.	T.	T.	T.	T.		T			T.	T.		T	T.		T.	.90	T.	T.				0.95
Everett[2]	Bedford				.02			.09				.01		T.										T.	T.		T.	.94	T.					1.06
Huntingdon[2]	Huntingdon				T.			.09				.01	T.								T.	T.		T.			T.	.89						0.99
Lewistown[2]	Mifflin							.04																				.76						‖0.80
Loop Mt. Tower[2]	Huntingdon				T.			.06		T.		T		T.							T.							1.06	.03					1.15
Mapleton Depot[2]	Huntingdon							.03																				.82						0.85
Martinsburg[5]	Blair			T.			.08	T.	T.		.01	T.	.01	T.	T		T.				T.		T.	T.			.80	.01	T.				0.91
Newport[2]	Perry							.02				T																.94						0.96
Saxton[2]	Bedford				T.			.06				T.	T.	.04		T.		T.			T.	T.			T.		T.	.90	T.					1.00
Shade Gap‡	Huntingdon						.08				.01	.04															.81						0.94
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams							.11		T.																	.03	1.16					1.30
Bloserville	Cumberland			T.			.02	T.			T.										T.						.65	.45					1.12
Blue Mt. Intchg...[3]	Franklin						.09					T		T.	T												.78						0.87
Carlisle	Cumberland						06	.03	T.			T.									T.						.72	.36					1.17
Columbia	Lancaster			T.	T.		.06	.02													T.						.64	.41					1.13
Ephrata	Lancaster						.13	.02																			.75	.24					1.14
Glen Rock‡	York						.16																				1.29						1.45
Gordon	Schuylkill						.07	.02		T																	.38	.53					1.00
Hanover[2]	York				T.			.15					T.	T.													T	1.15					1.30
Harrisburg Arpt‡[1]	York			T.			.07					T.		T.													.99	T.					1.06
Holtwood[2]	Lancaster							.07				T.																1.17						1.24
Huntsdale[2]	Cumberland							.06																				1.02						1.08
Kirkwood‡	Lancaster						T.																				1.06						1.06
Lancaster	Lancaster						.04	.11				T.		T.							T.						.48	.56					1.19
Lebanon[2]	Lebanon							.10																				1.01						1.11
Manada Gap	Dauphin						.07	.04				T.															.58	.38					1.07
Middletown[3]	Dauphin						.08				T.	.02		T.							T.						1.17	T.					1.27
Millersburg‡	Dauphin						.09																				1.08						1.17
New Park	York							.10				T.															1.26						1.36
Penn Nursery[2]	Centre				.03			.08	T	T.		06											T	T.				.69	.38				1.24
Peters Mt. Tower[2]	Dauphin							.03														T.			T.			1.04					1.07
Pine Grove[2]	Schuylkill							.10				T.		T.		T.	T.					T.					.99	T.					1.09
Ringtown[2, 1 SW]	Schuylkill							.07					T.		T.						T.						.80						0.87
Selin-grove	Snyder						•	05				T.		T.													.60	.45					1.10
Shippensburg	Cumberland			T.			.05	.07				T.									T.						.96	.03					1.11
Sunbury[2]	N'umberland				T.			.06				.03										T.			.02			1.21						1.32
Williamstown[2]	Dauphin							.10																				.90	T.					‖1.00
Woodward[1, 5]	Centre	T.	T.	T.			.02		T		.02	T	T.	T.	T.		T.	T.			.01		T.	T.	T.		.69	.02				T.	0.74
York	York						.09																				.78	.44					1.31
York Haven[2]	York							.15				T.																1.14						1.29
Potomac Basin																																	
Chambersburg[2]	Franklin				T.			.10						T.													T.	1.12					1.22
Gettysburg	Adams				T.		.05	.05				T															.24	.92					1.26
Hewitt‡, 2 S.	Bedford						.05						05														.90						1.00
Hyndman[2]	Bedford							.10				T.	T.	T							T.						T	.70					0.80
McConnellsburg[2]	Fulton							.09				T															T.	.92					1.01
Mercersburg	Franklin																																
South Mt. San't'm[2]	Franklin							.15																			.01	.82					0.98
GULF DRAINAGE *Ohio Basin* ALLEGHENY																																	
Acmetonia[2]	Allegheny			.03				.18		.02		.03	T.	T.		.01					T	T.		T.	T.			.78	T.				1.05
Allens Mills‡	Jefferson	.02					.31		.11		.01	.03	.08	.07	.03						T.	T.		T.	T.		.81	.07					1.54
Blairsville[2]	Indiana				T.			.33		.06	T.	.01		.03		T.		T.			.01						.02	.85	.07	T.			1.37
Boswell‡**, 6 W	W'moreland			.17			.34		.03		13	.03	.06								.09	T.	.03	T.			.95	.06					1.78
Bradford	McKean	T.					.16	.15				.11	T.	.18	.03	T.	.03				.02	T.	T.	T.	T.		.22	.05					1.05
Brookville[5]	Jefferson						.23		.06		.06	.02	.03	.01	.02		T.	T.									.82	.07	T				1.34
Buckstown‡	Somerset						.16				.07	.07	.08	.04													.70	.04	.02				1.18
Cherry Grove‡	Warren						.39				.08	.04	.09	.02	.03		.04				.05			.03			.45	.05					1.27
Clarion[2]	Clarion						T.	.24		.03		T.	T.	.05	.01	.01	T.	T.			T.	T.	T.	T			.73						1.07
Coudersport	Erie	.02					.06	.14	.01			.09	.01	.07	.02		T.				.06	.04	.08	.02	T.		.14	.18					0.94
Derry[6]	W'moreland						.10	.18	T.	.03	.05	.05	T.	.19	T.						T.						.69	.16	.02				1.47
Donegal[3]	W'moreland		T.	.03			.33	T.	.03	.01	.06	.10	.09	.14	.02		.01				.02			.02			.76	.15	.09				1.86
Dunlo‡	Cambria			.05	.04		.18		.08				.12	.02	.03	.01					.02	T.		T.	T.		.40	.45	.03				1.41
Ebensburg[2]	Cambria							.27	T.	.02		.02		.03	T.	.01	T.	T.	T.		.02	T.	T.		T.	T.	T.	.75	.06					1.18
Ford City[2, §§]	Armstrong		T.					.19				T.	T.								.05	T.	T.		T.	T.	T.	.86	02					1.12
Franklin[2]	Venango							.34		T.		.03	.10	.05	T.	T.					.06		T.	.05	T.			.37						1.00
Glen Hazel[2, 1 NE]	Elk			1	T.	T.	T.	.32	T.	.04		.06	.03		T.	.01	T.	T.			•		•	•			.05	.67	T.				1.18
Home‡	Indiana	.01					.25		.07		.02	.01	.04								.01						.54	.06					1.04
Indiana	Indiana						.12	.15		.04	T.	.02		.01	T.	T.	.05				.02			.01			.68	.17	01				1.28
Johnstown[6]	Cambria			.08			.14	.16	.03	.03		.02	.02		.09	.02					.03			.01			.83	.24					1.70
Kane[3]	McKean	T.					.29		.03		.10	.02	.10	.05	.01		.02				.10	T.	.02	.04	T		.33	.06	.02				1.19
Laurel Hill Tunnel[3]	W'moreland			.18			.42	T.	.07	T.	.03	.06	1.05	.04	T.						.03			T.			1.21	.14	T.				3.23
Lycippus	W'moreland						*	.25		.03	.03	.01		.02		.22		.01			.01			.04			.78	.23	.18			T.	1.79
Marienville‡	Forest						.34		.03		.04	.03	.08	.02	.05												.61	.07					§
Meadville[2]	Crawford						.04	.33	T.	T.		.03	.03	.12	.07	.04	T.	T			.04	T.	.03	.03	.02			.36	.07					1.21
Mosgrove[2]	Armstrong						T	.22		.05		T.	.02	.12	T.	.02					.03	.04	T.	.03	T	T.		.69	.02	T.				1.24
Parkers Landing[2]	Armstrong							.25		.04		.01	.02	.11	.03	.02					.01			.02				.75						1.26
Pittsburgh Cty Off‡[1]	Allegheny		T.	T.			.12		.02	T.	.01	T.	.05	T.	.01						T.		T.	T.			.94	T.	T.			T.	1.15

Continued on page 89.

Daily Precipitation for December 1943—Continued from Page 88

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Port Allegany[2]	McKean	.01						.02		.02		.05		.08	.03	T.	T.	T.			.04	.03	T.	T.	T.			.32	T.				0.60
Punxsutawney[2]	Jefferson				T.			.30		.02		T.		.13		.03					T.	.03		T.				.74	.05				1.30
Putneyville[3] ‖	Armstrong							.26		.02		T.	.02	.13		.03					.02	T.		.04				.78	.03				1.33
Ridgway[4]	Elk	T			T.			.20		T.		.10		.08	.01	.01	T.	T.			.04		.01	.03				.73	.03				1.24
Saltsburg[2]	Indiana		T.	T.	T.			.19		.02		.01		.04	T.	T.		T.			T.			T.	T.		.01	.96	.03	T			1.26
Seward[5]	Indiana				.01			.29		.08		.01		.09														.97	.04				1.49
Smethport‡	McKean						.24				.05		.05	.03							.06						.38						0.81
Strongstown‡	Indiana						.36		.06		.01	.02	.02				.02				.07						.89	.09					1.54
Tionesta Dam‡	Forest						.39		.02		.02	.02	.04	.01	.03		.02				.02						.51	.08					1.16
Titusville, 2 S.	Crawford						.31	.10	.03			.08	.03	.10	.09		.03				.09		.04	.04			.41	.08	.01				1.44
Union City‡	Erie						.14				.05		.10	.16							.02						.13	.01					0.61
Vandergrift [8]	Westmoreland						.18		T.		T.		.04	T	T.									T.			1.05	T.					1.27
Warren[2]	Warren						.40					T.	T.	.18	T.	T.	T	T.			50	T.	T	T.	T.	T.		.35	.50				1.93
Youngsville‡	Warren						.36	.05	.05		.06	.09	.14																				§
MONONGAHELA																																	
Confluence [2]	Somerset				T.			.27		T.	T.	.04	T	.20		T		T.			T.				T.		T.	.85	.03	T.			1.89
Connellsville[2]	Fayette		T.	T.	T.			.16	T.		T.	T		.01													T.	.56	.02	T.			0.75
Donora[3]	Washington		T.	T.			.12	T.	T.		.02	T.	.04	T.	T.						T.			T.			1 06	T	.04				1.28
Greensboro[2]	Greene				.01			.10		.01	T.	.06	T.	.01							T.	T.					.01	.73	.01	.01			0.95
Greensburg	Westmoreland		.03	.01			.07	.09	.03	.03	.03	T.		10	T.	T.					T.			T			.83	.11	.01				1.34
Irwin	Westmoreland		T.				.04	.11	T.	.03	.01	.01		.09	T	T.	T				T.			T.			.75	.25	.01			T.	1.30
Meyersdale[2]	Somerset							.18				.07	.05	.09							.01							.62	.02	T.			1.04
Murrysville‡	Westmoreland						.17																				1.03						1.20
Newell[4]	Fayette			.05				.10		.04	.10	T.		T.													.60	.45					1.34
Pittsburgh Arpt.‡[1]	Allegheny		T.	T.			.14	T.	.03	T.	.02	.01	.04	.02	.04		T.				.01		T.	T.			.80	.02	.01			T.	1.14
Rices Landing[2]	Greene				.02			.10		.03	.01	.08		.03														.90					1.17
Somerset	Somerset			T.	T.		.13	.12	T.	T.	T.	.11		.14		T					.04			T.			.81	.14	.03				1.52
Springs[6]	Somerset			.03	T.		.19	.05	.02		.03	.02		.08		T.					.02			T.	T.		.76	.12	.08				1.40
Uniontown	Fayette			.05			.11	.01	T.	.01	.10	.03		.03							T.						.46	.10					0.90
Waynesburg	Greene							.11		.03	T.	T.		.02	.01													.91	.04					1.12
BEAVER																																	
Beaver Falls[2]	Beaver						T.	.12		T.		T.	T.	.03		T.								T.				.41	.02	T.			0.58
Butler	Butler						.01	19	.01			.03		.09	.01						T.							.74					1.08
Greenville	Mercer						.40	.03	.02			.01	T.	.03	.04		.01				.01		.02	.01				.39	.06	.04				1.07
Mercer[1,5]	Mercer			T.			.33		.01		T	T.	T	T.	.05	T.	T				.02	T.	.02	.01				.48	.07	T.				0.99
New Castle	Lawrence				T.		.20	.05	T.			.01	T.	.02	.10	T.	T.	T.	T.									50	.02	.01				0.91
Penn Line[2]	Crawford			T.			.06	.36				T.		.14	.03	.08	.02	T.			T		T.	.02	.01	T.			28	.04				1.04
Pymatuning Dam[2]	Crawford						02	.34				.01		.04	.02	.02	T.				.01		.01	.03	.01			.30	.03					0.84
Sharon[2]	Mercer							.08						.04	.02						.01			T.				T.					§
OHIO																																	
Claysville[2]	Washington							.12		.02	T.	.05		.02		T.												.75	.07					1.03
Coraopolis[2]	Allegheny							.17		.02				T.	T							T.					T.	.94	T					1.13
Midland[2]	Beaver							.21	T.	T.		T		.02							T.							.65	.03					0.91
Mt. Lebanon[6]	Allegheny		T.	T.			.15		.04	T.	T.	T.	.04	T.	.03						T.		T.	T.			.88	T.	.04				1.18
Washington‡	Washington						.15				.04		.04																				§
LAKE DRAINAGE																																	
Erie‡[1]	Erie						.30		T		T.	.04	.13	.08	.07	.08	T.							.28			.12	.03					1.13
Raymond‡	Potter						.19	.03	.06		.09		.05	.06	.02	.01					.05	.02	.03				.29	.08					0.98

Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. [1] First order Weather Bureau station; precipitation is for 24-hour period, midnight to midnight, unless otherwise indicated. [2] Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. [3] Precipitation for period, midnight to midnight. [4] Precipitation for period, noon to noon. [5] Precipitation for period, 1:30 a. m. of date on which amount is recorded to 1:30 a. m. following date. [6] Observation taken at a fixed hour between sunset and 11:00 p.m. ‡ Precipitation measured with recording gage, midnight to midnight. * Included in next measurement. § Incomplete or missing. † Daily amounts inconsistent. T. (trace), when precipitation is less than .01 inch. ‖ Record partially estimated. ** Boswell was formerly Laurel Hill Summit. §§ Ford City was formerly Crooked Creek Dam. ‖‖ Putneyville was formerly Mahoning Dam.

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum* velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.68	24	29.46	12	10.1	27	sw.	12	81		75	26	1106
Harrisburg	30.74	24	29.49	12	8.1	35	nw.	11	68	46	55	53	1011
Philadelphia	30.71	24	29.50	12	10.1	37	nw.	11	71	45	58	43	925
Philipsburg	30.72	24	29.48	12	12.6	33[a]	nw	11	82	63	78		1301
Pittsburgh	30.74	24	29.56	12	11.3	38	nw.	10§	77	60	68	34	1102
Reading	30.74	24	29.49	12	11.5	50	nw.	11	66	44	42‡	56	992
Scranton	30.70	24	29.45	13	7.2	34	nw.	11	81	59†		44	1167

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.6	3.2	1†	1.7	26	18
Easton	Delaware	1.7	2.6	2	0.9	26	22
Lehighton	Lehigh	2.8*	3.4	1†	2.0	13	9
Reading	Schuylkill	3.3	4.8	27	2.9	16	13
Wilkes-Barre	N. Br. Susquehanna	3.5	5.0	1	2.4	25	22
Williamsport	W. Br. Susquehanna	0.9	1.8	1	0.3	17	20
Newport	Juniata	3.5	4.1	30	3.1	23	22
Harrisburg	Susquehanna	3.7	4.7	29	3.2	19	17
Schenley, (nr) Lock No. 5.	Allegheny	12.4	13.1	10	11.8	16	24
Sutersville	Youghiogheny	2.9	6.3	28	*2.4	17	20
Charleroi (nr.), Lock No. 4	Monongahela	11.5	13.9	29	10.8	6	30
Pittsburgh	Ohio	*	*		*		25
Midland, Dam No. 7	Ohio	*	*		*		30

* Pool stage. * 30 days only. † On other days also.

Daily Temperatures for December 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown[2]	Maximum	47	52	50	47	52	46	44	43	57	43	34	39	25	33	24	28	34	42	44	38	44	37	30	30	34	38	48	38	38	34	36	39.6
	Minimum	28	26	27	28	28	31	33	28	29	34	19	14	17	17	10	9	9	18	17	17	24	27	13	8	8	15	22	36	14	13	15	20.5
Altoona	Maximum	48	53	50	54	51	46	45	43	53	41	34	38	35	23	18	21	28	46	42	36	45	38	21	23	37	32	38	38	28	31	29	37 6
	Minimum	30	31	40	29	34	29	31	28	37	32	11	9	9	11	− 9	− 4	10	20	14	23	25	20	3	4	5	21	30	25	6	11	19	18.8
Arendtsville[6]	Maximum	49	57	60	51	53	45	49	43	57	44	37	46	38	33	23	26	35	40	45	36	52	43	24	27	30	34	51	44	30	33	36	41.0
	Minimum	32	27	39	31	33	29	32	27	38	33	20	15	19	12	7	8	15	17	19	32	24	24	7	9	9	22	34	27	15	12	18	22.1
Bethlehem[3]	Maximum	44	51	48	46	50	45	44	42	56	41	36	38	36	32	21	25	31	39	42	35	42	38	22	28	31	38	45	41	30	34	34	38.2
	Minimum	33	30	36	29	33	32	28	27	38	34	14	14	16	17	10	10	17	22	22	28	28	18	12	10	14	22	35	16	11	15	18	22.2
Blue Mt. Interchange[3]	Maximum	52	58	56	54	52	42	56	48	60	48	42	48	42	33	28	27	35	44	46	40	52	44	22	28	28	36	48	42	28	38	40	42.3
	Minimum	32	32	38	32	34	34	34	34	28	38	14	14	16	15	6	5	18	25	17	30	28	20	12	12	12	20	32	22	10	10	22	22.5
Bradford	Maximum	43	49	44	46	46	49	46	45	46	40	35	31	31	16	18	23	28	28	28	37	34	34	33	15	23	37	37	36	36	25	32	31	34.6
	Minimum	30	28	29	16	31	27	28	32	38	30	6	8	4	0	−19	− 4	14	13	25	22	22	11	−11	−13	− 3	8	32	18	− 6	− 3	13	13.7
Breezewood Intchg[3]	Maximum	50	56	54	56	50	48	58	58	52	40	32	42	34	28	18	22	30	40	44	36	52	44	22	32	34	32	48	40	28	32	30	40.1
	Minimum	30	28	34	26	30	30	28	28	40	32	12	12	12	10	− 2	2	12	18	20	24	20	14	4	2	14	20	30	22	8	8	16	18.8
Brookville[5]	Maximum	44	52	43	51	49	54	35	48	44	36	21	33	19	19	18	21	27	30	37	30	36	25	17	20	32	35	38	34	28	30	29	33.4
	Minimum	28	35	23	25	28	33	30	34	35	21	12	19	8	−7	−15	− 2	15	18	20	23	24	8	1	1	3	14	34	15	6	6	18	16.5
Burnt Cabins[3]	Maximum	49	50	54	54	51	45	44	42	54	40	34	43	36	30	14	23	32	42	43	36	52	38	18	27	34	31	45	41	27	32	32	38.5
	Minimum	31	18	31	25	26	25	22	25	38	29	11	13	12	12	0	− 4	10	18	10	24	21	14	10	2	13	18	29	21	6	4	17	17.1
Butler	Maximum	45	48	52	44	54	49	48	47	52	44	37	32	35	20	20	19	24	30	40	38	40	22	18	32	37	40	39	30	30	30	30	36 3
	Minimum	28	30	42	25	30	28	34	34	41	34	16	20	9	14	− 8	− 2	13	20	15	21	26	19	6	− 3	18	32	35	28	10	9	23	20.9
Carlisle	Maximum	50	58	54	52	57	47	50	56	60	54	42	40	42	38	28	30	36	45	45	40	50	50	29	34	33	30	50	47	30	30	32	43.0
	Minimum	25	31	33	27	31	27	39	28	36	31	18	11	20	15	5	5	15	15	15	12	23	18	25	9	10	5	14	30	27	11	10	20.0
Chambersburg[6]	Maximum	49	59	58	55	56	44	50	44	59	47	38	45	40	37	22	27	34	42	45	40	53	45	24	26	31	33	52	45	30	32	36	41.9
	Minimum	33	27	36	34	38	29	32	29	37	38	19	17	17	17	7	4	16	22	17	30	27	24	12	10	11	22	32	26	15	11	20	22.9
Clarion[6]	Maximum	44	52	44	52	48	50	48	46	49	41	36	34	29	18	22	22	28	32	40	35	39	36	17	21	34	38	38	40	30	29	28	36.1
	Minimum	26	25	34	21	26	28	29	30	38	33	13	12	6	11	−13	− 6	8	15	21	21	18	13	− 6	− 7	1	13	33	22	7	4	19	16.0
Claysville[2]	Maximum	48	52	48	54	52	52	46	53	46	34	33	37	23	21	18	24	27	34	42	35	43	27	18	28	41	44	39	34	29	31	27	36.8
	Minimum	16	24	32	23	22	24	34	34	45	32	21	18	11	7	− 3	− 4	4	8	14	26	23	17	− 1	− 2	− 2	26	37	33	16	10	13	18.0
Coatesville[6]	Maximum	46	56	56	51	52	46	47	42	55	49	39	44	38	34	27	26	32	42	45	38	45	45	26	26	34	39	47	42	27	35	34	40.8
	Minimum	34	30	31	33	36	30	33	26	40	36	18	14	15	14	10	9	16	17	19	25	23	25	14	9	11	21	35	26	16	14	17	22.5
Columbia	Maximum	50	58	55	53	57	49	50	49	59	56	42	45	42	35	33	30	35	43	47	39	46	48	37	30	33	36	51	47	40	35	36	44 1
	Minimum	33	24	31	28	31	28	39	25	38	35	18	15	21	13	8	8	15	13	13	21	21	21	13	8	8	17	32	35	14	10	15	21 0
Coudersport	Maximum	40	45	45	50	49	46	44	46	49	40	31	32	32	20	19	23	27	28	35	32	38	36	20	24	30	34	36	35	28	33	30	34.7
	Minimum	29	28	18	30	25	28	29	20	37	31	5	8	7	2	−18	− 8	9	14	22	20	16	8	−10	− 8	− 4	4	28	6	1	4	12	12.5
Curwensville[5]	Maximum	41	47	42	47	45	45	34	46	43	32	17	29	15	14	12	17	23	27	35	26	36	22	14	18	26	32	34	32	27	29	26	30.1
	Minimum	27	36	25	26	30	34	26	33	32	17	6	15	5	− 6	− 8	− 1	9	15	15	19	21	4	1	1	10	26	32	8	2	8	17	15.6
Derry[6]	Maximum	48	52	50	54	49	56	51	54	52	43	35	36	37	21	18	23	29	34	42	35	45	43	20	26	41	43	44	40	32	32	32	39.3
	Minimum	28	30	36	25	28	28	35	34	42	33	17	22	10	15	− 7	− 2	10	20	20	25	25	18	7	6	14	26	38	27	13	15	22	21.3
Donora[3]	Maximum	48	54	49	57	51	52	49	55	52	43	35	39	25	22	14	25	31	38	45	39	46	36	19	26	43	46	42	40	32	32	32	39.3
	Minimum	30	40	38	32	31	34	37	39	43	35	21	25	13	9	7	7	12	22	25	28	27	17	7	9	19	32	40	25	16	19	25	24.6
Eagles Mere [2]	Maximum	37	47	48	43	42	38	40	38	50	36	14	28	17	21	13	20	25	31	34	28	44	25	10	21	31	42	35	29	18	28	29	31.0
	Minimum	22	22	30	25	24	24	28	23	28	27	8	3	7	4	− 3	− 4	0	8	13	19	16	19	0	− 2	1	11	24	27	1	0	7	13.3
Ebensburg[2]	Maximum	45	48	45	45	44	45	34	49	45	32	32	32	13	15	15	18	22	30	40	26	40	22	12	21	36	36	37	30	27	30	24	31.9
	Minimum	21	28	39	29	30	27	32	29	34	32	12	10	8	6	− 9	− 5	10	10	15	14	20	21	5	1	0	17	30	30	7	7	12	16.8
Emporium[6]	Maximum	44	52	42	50	48	50	45	47	49	41	35	34	33	21	22	23	30	....	....	....	....	....	....	....	....	....	38	38	29	31	32	§
	Minimum	32	24	29	22	30	27	30	24	40	33	8	11	9	11	−13	− 5	13	....	....	....	....	....	....	....	....	....	33	18	1	3	18	§
Ephrata	Maximum	50	56	53	50	54	46	50	44	59	49	40	45	39	36	29	31	34	43	47	39	45	43	28	31	32	39	48	42	33	39	36	42.3
	Minimum	35	28	33	32	33	32	36	28	39	36	19	18	20	17	9	9	16	18	15	24	22	27	13	10	16	19	36	29	15	15	17	23.1
Erie[3]	Maximum	48	46	42	50	42	50	39	46	45	41	30	37	20	18	17	26	29	31	40	36	36	27	18	24	34	42	39	31	22	32	34	34 6
	Minimum	33	38	33	33	34	36	33	36	37	24	17	19	15	13	7	15	18	23	29	27	27	16	15	15	24	32	31	14	11	17	22	24.0
Everett[3]	Maximum	50	56	53	59	51	50	48	58	58	42	31	42	29	29	20	24	31	41	47	40	54	38	20	28	34	38	50	42	29	32	32	40 5
	Minimum	26	23	32	29	27	27	26	25	38	30	10	8	13	12	2	2	15	21	12	24	18	16	11	4	6	20	30	23	12	9	27	18.6
Ford City[6]	Maximum	46	53	48	53	48	54	49	51	52	43	35	37	37	20	20	24	30	34	42	42	43	43	23	25	40	43	41	41	30	30	29	38.9
	Minimum	26	26	31	34	29	32	34	32	39	32	14	14	7	11	− 7	− 5	9	12	13	22	23	14	3	− 3	3	16	34	24	16	20	18	18 5
Franklin[2]	Maximum	46	54	43	54	48	48	40	50	43	40	32	35	20	19	20	23	30	31	41	32	39	20	18	22	33	39	40	29	30	33	30	34.9
	Minimum	24	28	36	24	26	30	33	30	37	34	17	14	10	10	− 6	− 2	11	15	20	26	26	18	− 1	− 3	− 2	10	22	28	8	9	9	17.5
Fredericksville	Maximum	45	53	49	51	50	46	44	42	56	50	40	40	38	32	31	27	32	40	44	38	42	44	29	28	32	35	47	44	33	36	34	40.4
	Minimum	30	23	30	22	29	27	38	23	38	32	15	7	17	9	5	1	8	17	13	23	17	17	7	5	4	17	33	25	10	8	9	18.0
Freeland	Maximum	38	47	46	45	44	37	37	42	49	43	31	38	32	25	19	22	26	30	36	32	40	40	20	21	30	32	37	36	20	33	29	34.1
	Minimum	27	....	38	24	32	26	29	24	37	29	6	7	2	8	0	2	10	13	22	21	19	19	4	2	11	11	31	15	2	9	16	16.5[a]
George School[6]	Maximum	49	54	59	50	55	59	50	42	56	49	38	42	40	35	24	30	34	42	46	40	47	42	25	32	32	40	50	40	31	37	37	42.2
	Minimum	31	27	30	31	29	29	30	25	37	34	14	13	13	14	11	8	13	18	14	25	25	24	10	8	13	19	36	20	15	13	14	20.7
Gettysburg	Maximum	49	60	59	57	55	52	48	47	59	55	45	45	45	35	32	27	34	42	43	44	49	51	34	27	31	32	51	49	34	33	36	43.9
	Minimum	34	30	37	34	37	30	42	30	39	38	21	19	21	18	8	7	6	23	23	32	30	29	11	11	14	17	31	34	16	12	21	24.4
Gordon	Maximum	44	53	49	49	49	49	44	42	54	47	38	36	34	29	25	26	31	38	42	36	46	44	25	26	33	34	43	41	25	36	32	38.7
	Minimum	32	25	28	28	32	27	33	22	30	26	13	8	16	8	4	0	6	11	12	16	11	25	7	1	5	13	32	25	6	4	11	16.7
Greensburg	Maximum	42	52	49	54	50	50	50	53	52	45	35	37	38	22	28	22	29	34	42	39	45	43	22	26	42	43	44	40	32	32	32	39.5
	Minimum	34	21	30	24	20	23	35	33	33	33	18	14	10	7	−10	− 6	0	19	8	26	14	19	2	− 2	6	22	38	29	13	9	24	17.6
Hanover[2]	Maximum	49	59	58	52	54	48	51	50	59	42	28	45	27	35	22	29	35	46	46	37	30	39	26	30	33	37	53	42	29	34	37	40.7
	Minimum	26	33	36	36	36	34	36	32	37	38	23	20	21	19	10	8	9	16	21	27	29	13	9	10	24	27	36	17	14	16	23.7
Harrisburg[3]	Maximum	49	59	54	53	55	45	48	42	59	44	38	44	40	34	21	27	36	44	45	39	49	41	23	28	32	36	50	43	25	34	36	41.1
	Minimum	36	30	39	32	37	34	31	30	39	37	18	20	16	18	11	10	18	23	16	29	29	20	14	11	15	21	33	28	15	15	21	23.9
Hawley	Maximum	44	50	41	48	45	40	41	41	52	46	36	34	34	29	24	25	29	34	40	35	45	43	22	26	35	32	38	39	26	35	33	36.8
	Minimum	29	20	25	17	33	24	28	16	33	28	7	2	7	− 1	− 1	− 5	5	10	12	18	19	21	5	− 4	0	9	30	18	5	4	4	13.5
Holtwood[3]	Maximum	48	57	50	50	54	48	48	45	57	47	39	46	39	37	25	28	36	43	46	37	50	38	25	28	36	39	50	44	29	34	37	41.6
	Minimum	32	30	36	35	32	31	31	32	41	39	21	21	21	20	14	14	19	19	21	26	26	24	18	14	18	26	34	25	19	16	22	25.1
Huntingdon[6]	Maximum	49	55	49	58	54	44	47	40	56	45	38	43	39	29	21	25	34	41	46	41	54	43	24	27	33	33	44	42	36	34	33	40.5
	Minimum	33	25	33	27	30	27	29	22	40	37	16	6	16	18	− 2	3	14	19	11	29	25	20	8	4	5	16	32	28	8	6	19	19.5
Indiana	Maximum	46	50	48	52	51	56	48	54	52	44	38	35	36	18	17	21	27	33	38	38	42	40	20	24	38	41	40	39	28	29	29	37.8
	Minimum	....	....	....	....	....	....	....	....	42	34	22	22	8	13	− 3	− 1	10	18	29	26	22	20	10	6	18	28	35	27	11	13	22	18.8[a]
Irwin	Maximum	47	52	55	52	52	49	49	52	52	45	35	36	36	21	20	22	29	34	38	38	42	42	24	26	36	42	42	40	30	30	30	38.6
	Minimum	25	33	25	34	28	27	36	34	42	32	17	18	9	14	− 6	− 3	9	17	26	25	20	17	5	3	20	30	36	28	12	12	22	20.9
Johnstown[6]	Maximum	50	49	47	52	48	44	41	50	50	40	32	37	33	22	18	19	27	34	41	36	43	39	17	25	41	35	39	38	33	30	28	36.7
	Minimum	31	29	39	28	34	29	33	32	40	31	15	13	9	13	− 8	− 6	11	20	17	24	23	17	5	5	11	23	33	25	10	12	22	29.0
Kane[3]	Maximum	41	48	38	46	42	50	40	46	45	35	23	30	19	16	12	22	26	28	35	32	35	25	13	20	33	34	37	35	23	29	28	31.8
	Minimum	27	18	19	15	26	29	25	34	34	22	4	18	− 4	−15	−23	− 6	10	15	14	13	19	− 6	−14	− 6	− 6	6	32	8	− 5	0	15	10.3
Lancaster	Maximum	48	54	53	53	55	50	49	48	59	55	46	45	40	37	32	30	35	45	48	42	46	44	36	28	34	34	49	48	39	35	36	43.6
	Minimum	33	23	28	27	26	26	38	24	35	33	19	15	21	13	7	5	14	11	12	18	20	19	11	9	7	15	32	29	15	10	14	19.6
Lawrenceville	Maximum	44	51	41	49	48	47	43	48	50	42	35	35	33	23	23	26	31	32	40	35	46	37	18	28	40	39	42	40	23	36	36	37.5
	Minimum	32	28	27	21	28	27	30	25	32	30	8	6	0	1	− 7	− 5	5	12	25	24	26	15	− 6	0	12	15	32	16	7	6	12	15.3
Lebanon[2]	Maximum	50	58	52	51	53	46	46	40	59	49	25	40	25	35	22	28	34	44	46	37	47	36	24	30	33	36	47	41	27	38	34	39.8
	Minimum	26	28	29	32	31	35	35	29	31	34	24	15	18	15	9	4	6	16	11	16	23	27	11	8	8	19	25	35	13	13	13	20.5
Lewistown[2]	Maximum	50	57	54	57	53	48	45	51	57	42	29	45	25	30	22	27	34	44	47	35	55	32	22	23	33	34	48	42	31	30	35	39.9
	Minimum	24	27	29	28	29	33	32	27	39	39	21	9	14	15	4	3	9	21	18	15	22	23	12	10	8	12	24	32	12	10	12	19.5
Lock Haven[6]	Maximum	46	54	40	47	52	44	45	40	53	42	36	38	34	25	23	27	32	34	43	37	49	39	22	33	29	33	40	40	28	30	35	37.7
	Minimum	31	27	34	25	31	31	28	27	38	34	15	15	14	15	1	3	14	21	14	27	24	17	8	0	5	10	33	24	9	9	18	19.4
Marcus Hook[3]	Maximum	50	59	56	53	55	53	53	48	61	52	43	49	44	38	28	29	34	45	48	41	51	52	32	31	39	45	52	47	31	36	39	45.0
	Minimum	38	38	41	39	42	35	37	32	44	41	23	25	24	23	14	14	22	28	28	34	31	27	18	15	24	28	39	24	19	19	26	28.8

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Martinsburg[5]	Maximum	47	51	49	54	47	47	40	53	49	36	25	38	23	24	17	20	28	36	41	34	47	31	17	22	37	31	40	38	28	30	29	35.5
	Minimum	32	39	31	27	30	30	30	30	36	25	13	17	11	6	0	5	14	22	20	23	25	12	7	7	14	23	31	16	10	13	21	20.0
Mauch Chunk	Maximum	42	50	51	47	46	40	....	....	51	44	34	33	34	26	29	24	28	36	39	40	40	38	25	24	33	31	44	44	28	29	30	36.6[b]
	Minimum	....	22	27	22	28	27	....	19	....	27	13	7	14	6	5	2	13	16	13	16	11	20	6	4	2	13	30	28	8	6	6	14.7[c]
Meadville[2]	Maximum	45	51	43	50	46	47	41	48	43	39	32	35	20	19	19	25	30	30	39	31	37	19	18	22	34	39	38	25	25	33	32	84.0
	Minimum	26	24	30	22	24	26	32	28	39	33	15	14	11	11	− 6	− 2	9	12	18	24	24	17	− 2	− 2	7	16	34	25	8	8	10	17.2
Mercer[5]	Maximum	45	51	42	52	44	47	37	48	44	38	24	36	16	17	19	23	26	31	40	30	38	22	14	20	31	39	39	33	26	31	28	33.3
	Minimum	25	37	23	23	22	34	28	35	33	22	14	16	9	− 3	− 7	7	11	14	22	22	22	3	2	− 2	13	25	32	12	7	10	18	17.1
Middletown[3]	Maximum	48	58	52	50	54	46	48	43	58	44	40	44	41	34	22	28	36	44	45	41	49	48	25	30	41	36	48	43	27	34	35	41.4
	Minimum	34	27	35	30	33	32	32	28	35	34	17	17	17	16	7	7	18	20	16	26	26	19	13	12	15	19	33	26	14	14	23	22.4
Midland[3]	Maximum	46	58	49	52	45	50	45	55	50	45	37	39	26	22	19	24	30	36	41	38	47	37	18	25	39	43	42	40	29	33	32	38.3
	Minimum	27	32	32	28	27	31	28	34	41	35	20	21	11	10	3	7	12	20	21	26	24	16	5	5	16	27	37	25	14	15	20	21.6
Montrose[2]	Maximum	42	47	39	42	36	39	27	41	46	40	17	30	13	19	12	18	26	30	35	28	40	22	10	25	29	35	37	23	17	31	31	29.9
	Minimum	17	29	31	23	28	23	26	21	26	28	5	0	1	1	− 3	− 3	3	13	15	19	17	16	2	− 2	0	12	20	22	− 1	− 1	6	12.5
Mt. Lebanon[6]	Maximum	49	51	47	54	49	49	45	52	50	40	33	37	31	20	12	25	30	35	41	35	43	35	19	24	42	41	41	39	28	31	28	37.3
	Minimum	26	39	35	24	29	35	34	36	40	32	18	21	9	7	− 1	2	9	19	20	23	18	14	4	4	16	33	37	22	13	15	21	21.1
Mt. Pocono[5]	Maximum	39	49	45	43	40	44	39	43	48	36	32	36	29	25	14	21	24	32	35	30	38	26	11	23	33	34	39	35	21	32	29	33.1
	Minimum	27	30	30	21	28	26	18	21	32	20	1	11	0	1	− 1	1	9	16	15	20	19	6	1	0	10	18	33	6	0	5	11	14.0
New Castle	Maximum	43	53	52	43	46	48	54	50	50	42	40	37	37	24	20	22	29	33	42	42	42	42	25	23	32	45	42	41	31	32	32	38.5
	Minimum	28	34	40	25	25	27	34	35	40	35	16	17	11	14	− 1	1	13	21	25	26	25	20	6	5	12	19	36	28	8	12	23	21.2
Palmerton[3]	Maximum	46	53	47	45	51	43	45	40	57	42	36	38	37	31	22	27	32	41	43	38	42	35	21	38	35	36	45	42	29	33	34	38.8
	Minimum	29	28	34	29	31	33	27	26	38	31	11	12	11	12	7	3	12	19	19	25	26	19	10	8	8	19	36	16	11	11	13	19.8
Park Place[5]	Maximum	39	49	48	44	44	39	38	41	49	35	22	31	26	23	13	19	26	32	34	31	39	30	14	21	31	35	36	35	19	32	27	32.3
	Minimum	30	33	30	27	26	27	26	28	32	22	8	12	9	6	0	4	11	19	22	20	20	8	4	2	10	26	32	7	3	9	18	17.1
Philadelphia Airport Station[3]	Maximum	48	56	53	50	54	50	49	43	57	47	38	45	41	36	23	29	33	44	47	40	49	41	25	29	34	43	49	41	31	34	37	41.8
	Minimum	34	29	34	36	35	31	32	28	39	37	19	17	19	18	12	11	17	21	19	28	25	22	14	10	18	21	35	22	17	17	19	23.7
City Office[3]	Maximum	48	56	55	50	53	51	49	46	57	48	39	43	41	36	24	30	34	44	45	40	49	45	25	31	33	43	49	45	33	33	37	42.3
	Minimum	39	37	44	39	42	35	34	32	45	37	20	21	21	20	14	14	21	26	29	30	29	22	17	15	23	29	39	23	19	21	28	27.9
Franklin Institute[2]	Maximum	47	56	54	49	52	52	48	50	59	44	24	42	28	35	22	29	33	42	45	40	49	39	21	28	34	43	48	42	31	33	31	40.8
	Minimum	30	37	42	39	39	35	36	39	40	39	21	21	24	19	11	10	12	19	25	26	27	30	18	15	15	22	19	22	15	16	18	25.2
Shawmont	Maximum	47	56	56	52	52	50	49	44	56	55	42	44	45	35	34	29	34	43	48	42	49	48	37	29	34	40	47	46	32	33	35	44.3
	Minimum	31	28	31	30	29	29	30	27	39	41	21	11	23	17	11	10	13	19	13	23	22	24	11	10	13	21	37	31	12	15	11	22.4
Philipsburg[5]	Maximum	42	48	47	49	44	44	38	48	46	33	21	32	19	16	15	19	24	29	37	29	40	26	12	21	35	32	36	30	25	30	26	32.0
	Minimum	28	33	18	20	28	33	20	34	33	21	4	17	2	− 2	− 16	− 12	11	17	8	21	22	5	2	0	11	19	31	9	− 2	3	18	14.1
Phoenixville	Maximum	53	60	58	57	58	50	56	45	63	54	42	47	41	38	31	32	32	48	55	50	53	51	43	39	39	41	52	50	39	40	36	46.9
	Minimum	32	24	27	27	25	22	39	24	34	37	21	13	24	13	10	4	11	25	11	19	21	19	12	6	8	16	34	31	16	10	11	20.2
Pittsburgh Arpt Sta.[3]	Maximum	47	51	48	53	45	50	44	52	47	40	32	36	24	19	16	22	28	33	41	34	43	31	17	24	40	42	41	38	26	30	28	36.2
	Minimum	27	39	38	32	34	36	35	38	40	32	17	24	10	9	4	9	11	17	23	26	25	12	5	5	18	31	36	20	13	16	21	22.7
Pittsburgh City Office[3]	Maximum	49	53	51	56	48	52	42	55	50	42	34	39	24	22	19	26	31	35	44	35	43	33	20	26	43	44	43	40	30	32	32	38.5
	Minimum	32	44	36	33	35	35	37	41	42	34	19	24	14	12	8	11	16	24	27	28	29	15	10	11	20	31	40	22	15	20	25	25.5
Port Clinton[2]	Maximum	45	53	50	45	49	46	42	40	55	42	22	28	24	30	20	25	32	38	40	35	42	34	21	30	30	40	46	37	25	33	32	36.5
	Minimum	26	24	29	30	28	29	33	25	30	37	18	11	15	11	4	4	5	11	15	14	18	20	10	5	6	8	20	36	11	8	10	17.7
Putneyville	Maximum	46	51	44	51	50	54	47	48	50	41	35	34	34	19	20	22	28	32	39	37	38	32	20	21	36	37	39	38	29	31	29	36.5
	Minimum	28	29	38	22	27	28	32	32	39	32	12	15	7	12	− 12	− 7	0	5	18	24	24	13	0	− 3	5	12	33	23	8	9	20	16.9
Pymatuning Dam[2]	Maximum	47	52	52	52	44	48	40	48	42	40	31	35	19	18	18	24	30	31	38	30	38	19	13	21	32	40	46	25	26	32	34	34.4
	Minimum	21	21	34	25	21	25	30	28	36	29	14	14	8	9	− 2	− 2	10	10	17	20	22	16	− 2	− 1	5	18	32	23	11	7	9	16.4
Quakertown	Maximum	44	51	53	50	49	46	45	40	55	51	33	40	37	31	31	25	33	39	44	37	43	42	28	27	31	35	46	42	27	31	34	39.4
	Minimum	22	20	25	20	28	26	30	20	35	33	14	8	16	10	5	0	8	16	9	17	17	25	10	6	14	34	23	9	7	7	16.6
Reading[3]	Maximum	47	56	53	50	53	48	47	41	58	44	38	43	40	35	25	30	35	43	46	37	47	40	24	29	32	42	49	43	32	37	35	41.3
	Minimum	35	33	37	32	38	34	33	30	40	38	19	18	19	19	11	11	19	23	21	30	28	20	14	12	17	22	38	20	14	18	21	24.6
Ridgway[2]	Maximum	43	52	42	50	50	56	41	49	45	36	27	32	19	18	20	26	29	29	37	28	37	21	19	23	33	36	37	29	29	34	30	34.1
	Minimum	21	23	30	24	25	25	33	24	33	31	9	6	8	8	− 18	− 19	1	14	17	24	19	18	− 7	− 8	− 6	0	15	27	2	0	2	12.3
Scranton[3]	Maximum	44	50	43	47	44	45	44	44	53	41	27	35	26	27	17	23	30	36	39	35	47	30	15	27	31	38	40	39	22	32	33	35.6
	Minimum	31	30	33	27	30	30	26	25	39	27	8	12	6	7	5	4	15	21	21	24	24	15	9	7	12	17	37	12	7	11	15	18.9
Selinsgrove	Maximum	48	56	53	49	52	44	46	42	56	50	38	39	39	31	24	39	33	42	44	39	51	48	27	28	29	36	46	44	28	35	35	41.0
	Minimum	34	30	33	24	35	30	36	24	33	33	15	14	19	13	5	6	13	14	32	21	26	26	10	8	5	26	31	27	10	9	15	21.2
Sharon	Maximum	49	55	55	54	54	49	49	52	52	45	42	39	39	20	17	22	29	33	42	42	42	42	20	22	35	41	41	41	26	31	31	39.1
	Minimum	31	40	30	27	31	34	33	36	43	34	19	25	13	14	1	11	14	23	28	29	28	20	8	5	13	23	38	26	11	15	22	23.4
Somerset	Maximum	47	47	47	53	49	48	49	51	52	40	32	34	33	22	14	17	24	32	39	35	42	39	18	26	37	36	39	38	34	33	29	36.6
	Minimum	25	32	29	29	34	24	30	30	40	30	13	10	5	7	− 18	− 15	4	16	4	20	18	17	2	0	5	21	31	25	10	11	20	16.4
Springs[6]	Maximum	46	47	47	51	49	50	47	52	48	39	29	33	32	20	13	16	22	30	37	33	41	37	12	23	36	35	38	36	30	29	27	35.0
	Minimum	25	29	29	29	26	30	33	28	38	28	13	11	6	11	− 13	− 10	6	17	17	12	20	11	1	0	4	24	32	24	12	16	18	26.0
State College[3]	Maximum	45	51	47	52	48	45	44	41	50	38	29	35	30	22	19	23	28	35	41	36	47	34	18	24	35	33	40	40	24	32	30	36.0
	Minimum	31	37	33	31	33	33	28	28	38	28	12	15	13	9	2	5	15	22	19	25	27	12	6	7	14	20	33	17	9	11	21	20.5
Stroudsburg	Maximum	47	53	53	46	51	45	45	40	56	53	44	35	35	32	32	29	34	41	42	41	43	42	33	31	35	35	50	45	30	36	37	41.0
	Minimum	30	23	27	23	28	28	32	20	36	27	13	7	13	6	2	− 3	16	14	15	17	16	22	5	1	6	14	30	29	12	7	6	16.8
Tamarack[2]	Maximum	40	48	42	47	46	42	35	49	46	32	22	28	15	18	15	19	27	24	36	24	38	19	14	20	30	32	34	26	23	31	28	30.6
	Minimum	22	28	37	25	30	29	29	25	30	28	6	4	7	6	− 4	− 5	4	12	17	18	19	18	3	1	1	12	26	25	3	2	10	15.1
Towanda	Maximum	46	53	37	49	46	44	43	44	54	44	36	36	36	26	22	26	32	36	39	36	48	38	18	31	37	35	43	41	21	31	37	37.6
	Minimum	32	27	27	20	29	26	24	19	32	30	4	3	2	2	0	− 5	6	12	17	24	21	16	5	3	11	13	32	13	5	5	13	15.1
Uniontown	Maximum	49	53	51	55	53	55	47	56	54	45	35	41	36	29	20	24	30	35	43	41	48	41	24	27	40	43	45	40	33	32	31	40.5
	Minimum	29	34	41	33	29	33	37	37	45	33	20	22	13	17	3	4	10	22	24	27	26	21	5	4	15	30	39	33	19	20	25	24.2
Vandergrift[3]	Maximum	49	52	49	55	50	53	48	53	47	45	39	39	33	23	19	26	31	35	43	39	44	39	21	25	40	44	42	42	31	30	31	39.3
	Minimum	29	31	30	27	22	28	35	36	43	35	20	21	12	12	− 2	0	14	19	20	28	26	16	8	5	11	23	37	23	12	15	23	21.3
Warren[6]	Maximum	46	53	41	49	47	49	50	48	48	40	36	34	33	20	21	26	30	31	40	36	34	30	22	22	35	36	35	36	24	31	30	35.9
	Minimum	31	35	27	23	27	25	32	29	38	32	10	16	7	10	9	3	16	18	26	23	22	12	− 1	1	7	15	33	16	3	5	20	18.4
Waynesburg	Maximum	49	53	51	54	55	54	49	54	51	43	34	37	35	24	18	23	29	35	43	39	44	42	23	25	38	40	43	38	32	29	28	39.1
	Minimum	25	32	37	27	24	29	34	36	48	31	18	22	9	13	− 1	0	8	21	15	25	23	17	0	− 2	9	26	37	27	16	13	21	20.5
Wellsboro[2]	Maximum	42	50	39	47	44	41	40	47	49	40	24	34	18	21	21	19	31	30	38	30	42	24	17	26	38	36	40	27	25	38	35	34.0
	Minimum	24	29	25	18	18	25	31	21	27	31	9	6	6	3	− 7	− 8	− 4	17	19	21	21	20	0	− 4	8	12	13	26	5	4	4	13.4
West Chester	Maximum	43	52	55	51	53	46	46	44	56	51	38	46	37	36	28	28	32	43	46	39	46	45	31	30	33	44	50	43	29	37	36	41.7
	Minimum	31	30	36	32	33	32	38	29	40	38	18	14	20	16	10	9	14	17	20	28	24	28	13	8	14	22	35	28	15	15	20	23.5
Wilkes-Barre[5]	Maximum	43	51	42	46	47	46	44	42	57	42	28	36	28	28	19	26	31	37	40	36	48	32	18	28	32	39	41	39	24	34	34	36.7
	Minimum	26	28	25	25	29	30	24	25	39	26	8	8	7	9	4	3	11	12	15	16	19	12	5	3	12	15	31	11	8	10	12	16.4
Williamsport	Maximum	45	53	44	44	52	44	43	43	55	46	37	38	38	27	24	27	33	36	41	36	50	43	24	21	27	34	42	41	27	32	35	38.1
	Minimum	34	28	32	25	31	30	36	25	31	33	14	14	9	13	4	6	13	22	15	23	20	22	9	7	9	15	29	24	10	10	16	19.6
Woodward[5]	Maximum	40	48	44	47	43	42	37	43	46	33	18	30	18	20	12	19	25	30	39	28	43	25	15	21	30	32	34	33	18	27	27	31.2
	Minimum	28	35	29	28	30	30	26	32	32	20	7	16	8	3	0	2	10	18	21	20	22	6	3	2	12	25	29	7	4	13	18	17.3
York	Maximum	51	60	61	57	56	48	51	47	59	55	47	46	44	36	31	30	35	46	46	43	50	50	34	31	33	35	52	47	31	36	37	44.7
	Minimum	33	27	32	30	28	28	42	27	34	31	21	16	22	15	10	1	11	14	14	24	21	24	10	5	11	19	33	31	15	9	19	21.2

Unless otherwise noted temperatures noted represent extremes for 24-hour period ending in late afternoon. [2] Thermometers read in morning, maximum set back to preceding date. [3] Midnight to midnight. [5] 1:30 a. m. to 1:30 a. m. [6] At a fixed hour between sunset and 11:00 p.m.

[a], [b], [c], etc., indicate respectively 1, 2 or 3 days missing from record.

W. B. O., Philadelphia-2-10-44-975

COOPERATIVE AND RAINFALL OBSERVERS

Stations	Observers
Acmetonia	U. S. Engineers.
Allens Mills	Fed-State Flood Fcstg Ser.
Allentown	Allentown-Beth. Gas Co.
Altoona	City of Altoona.
Ansonia	E. N. Jenckes.
Arendtsville	Pa. St. Col. Expt. Sta.
Austinburg	U. S. Engineers.
Bald Eagle	Fed-State Flood Fcstg Ser.
Beaver Falls	H. J. Kemp.
Bedford	Charles C. Lee.
Bethlehem	Lehigh Universitv.
Blairsville	U. S. Airway Station.
Blakeslee Corners	Fed-State Flood Fcstg Ser.
Bloserville	Mrs. Bessie M. Willders.
Blue Mt. Intchg	Penna. Turnpike Comm.
Boswell	Frank J. Houpt.
Bradford	City Water Dept.
Breezewood Intchg	Penna. Turnpike Comm.
Brookville	Civil Aeronautics Auth'y.
Buckstown	Fed-State Flood Fcstg Ser.
Buffalo Mills	Nelle R. Brown.
Burnt Cabins	Penna. Turnpike Comm.
Butler	The Butler Eagle.
Canton	Fed-State Flood Fcstg Ser.
Carlisle	Clarence E. Miller.
Carter Camp	Fed-State Flood Fcstg Ser.
Cedar Run	Chas. R. Nivison.
Centerville	U. S. Engineers.
Chambersburg	Wm. B. Spear.
Cherry Grove	Fed-State Flood Fcstg Ser.
Clarion	Penna. Electric Co.
Claysville	Walter B. Paget.
Clearfield	Wm. H. Witherow.
Coatesville	Howard L. Pyle.
Columbia	James H. Rust.
Confluence	John L. Reid.
Connellsville	E. C. Steward.
Conshohocken	Russell C. Erb.
Coraopolis	U. S. Engineers.
Coudersport	Philip R. Shaw.
Covington	Dora Jelliff.
Curwensville	U. S. Weather Bureau.
Danville	Fed-State Flood Fcstg Ser.
Derry	Miss N. Dixie Wineman.
Dingmans Ferry	Geo. E. Darragh.
Donora	Donora Zinc Works.
Doylestown	Geo. Hart.
Driftwood	Fed-State Flood Fcstg Ser.
Du Bois	Du Bois Water Dept.
Dunlo	Fed-State Flood Fcstg Ser.
Dushore	Fed-State Flood Fcstg. Ser.
Eagles Mere	Carl E. Bigger.
East Waterford	U. S. Weather Bureau.
Ebensburg	Miss Emma H. Eastman.
Emporium	Mrs. Helen C. Haas.
English Center	Fed-State Flood Fcstg Ser.
Ephrata	Ira J. Keath.
Erie	U. S. Weather Bureau.
Everett	Penna Turnpike Comm.
Ford City	U. S. Engineers.
Franklin	William K. Fuller.
Fredericksville	Henry H. Rohrbach.
Freeland	Andrew B. Evansha.
Galeton	W. Gale Lush.
George School	Prof. N. W. Swayne.
Gettysburg	Dr. Henry Stewart.
Glencoe	Lester R. Sipple.
Glen Hazel	Lynn. B. Rosenkrans.
Glen Rock	U. S. Engineers.
Gordon	Miss Sallie M. Johnson.
Gouldsboro	L. H. Eilenberger.
Graterford	C. K. Kulp.
Greensboro	U. S. Engineers.
Greensburg	Westmoreland Water Co.
Greenville	C. Earl Miller.
Hanover	Hanover Evening Sun.
Harrisburg	U. S. Weather Bureau.
Hawley	Mrs. Della M. Pennell.
Hewitt	D. G. Roland.
Hollisterville	Penn. P. & L. Co.
Holtwood	Penna. Water & Power Co.
Home	Fed-State Flood Fcstg Ser.
Huntingdon	Prof. Paul R. Yoder
Huntsdale	T. J. Dingle.
Hyndman	W. J. Emerick.
Indiana	Indiana St. Teachers Col.
Irwin	Westmoreland Water Co.
Johnstown	Robert Tross.
Kane	Spring Water Co.
Karthaus	Mrs. H. S. Rougeux
Kellogg Mt. Tower	Fed-State Flood Fcstg Ser.
Kirkwood	Soil Conservation Service.
Lakeville	Penn. P. & L. Co.
Lancaster	Lancaster Water Bureau.
Lansford	Lehigh Nav. Coal Co.
Laurel Hill Tunnel	Penna. Turnpike Comm.
Lawrenceville	Carlos P. Darling.
Lebanon	Lebanon Valley Gas Co.
Lewistown	Penna. Dept. of Highways
Lock Haven	Wm. R. Kelley.
Loop Mt. Tower	Fed-State Flood Fcstg Ser
Lycippus	Westmoreland Water Co.
Manada Gap	Harrisburg Water Dept.
Mapleton Depot	Mrs. Ivy S. Buchanon.
Marcus Hook	Sun Oil Co.
Marienville	U. S. Forest Service
Martinsburg	Civil Aeronautics Auth.
Matamoras	Henry Bisland
Mauch Chunk	Henry S. Haak.
McConnellsburg	Ruth L. Roettger.
Meadville	City of Meadville.
Medix Run	Fed-State Flood Fcstg Ser.
Mercer	U. S. Weather Bureau.
Mercersburg	Fred F. Unger.
Meyersdale	Louis M. Weld.
Middletown	U. S. Army.
Midland	Perry B. Campbell.
Millersburg	Fed-State Flood Fcstg Ser.
Millville	Fed-State Flood Fcstg Ser.
Montrose	Harry S. Fancher.
Mosgrove	U. S. Engineers.
Mt. Lebanon	Fred Hoffman.
Mount Pocono	U. S. Weather Bureau.
Murrysville	Wm. H. McWilliams.
New Castle	New Castle Water Co.
Newell	General Chemical Co.
New Park	C. J. Allen.
Newport	Bennie F. Carl.
New Tripoli	F. C. Oswald.
Orwell	U. S. Engineers.
Palmerton	New Jersey Zinc Co.
Parkers Landing	Wm. C. Dean.
Park Place	U. S. Weather Bureau.
Pennline	Miss Retta M. Crumb.
Penn Nursery	John Meeker.
Peters Mountain	Fed-State Flood Fcstg Ser.
Philadelphia	U. S. Weather Bureau.
Phila-Fr'kl'n Institute	Franklin Institute.
Phila-Shawmont	Geo. E. Wright.
Philipsburg (Apt.)	U. S. Weather Bureau.
Phoenixville	Phila. Sub- Water Co.
Pikes Creek	Fed-State Flood Fcstg Ser.
Pine Grove	Penn. P. & L. Co.
Pittsburgh	U. S. Weather Bureau.
Pleasant Mount	Merle Lillie.
Port Allegany	Charles A. Lewis.
Port Clinton	E. E. Rarick.
Pottstown	Lewis. F Christman.
Pottsville	Pottsville Water Co.
Punxsutawney	J. E. Thomas.
Putneyville	U. S. Engineers.
Pymatuning Dam	Pa. Dept. Forests & Waters
Quakertown	John E. Benner.
Raymond	Fed-State Flood Fcstg Ser.
Reading	U. S. Weather Bureau.
Renovo	Mrs. C. W. Baird.
Rices Landing	U. S. Engineers.
Ridgway	West Penn. Power Co.
Ringtown	Shen'doah M'c'p'l Auth'y.
Rush	U. S. Engineers.
Saltsburg	Walter B. Sullivan.
Saxton	Fed-State Flood Fcstg Ser.
Scranton	U. S. Weather Bureau.
Selinsgrove	Dr. George E. Fisher.
Seward	Edward L. Stutzman.
Shade Gap	Fed-State Flood Fcstg Ser.
Shaffers Path Tower	Fed-State Flood Fcstg Ser.
Sharon	Carnegie-Ill. Steel Corp.
Shaver Creek	Penna. State College.
Shippensburg	Prof. Keith B. Allen.
Smethport	Fed-State Flood Fcstg Ser.
Somerset	D. L. Grove.
South Mountain	Pa. Dept. of Health.
Springs	Allen E. Yoder.
State College	Penn State College.
Strongstown	Harry F. Bennett.
Stroudsburg	Metropolitan-Edison Co.
Sunbury	Chas. W. Baylor.
Susquehanna	Raymond J. Holleran.
Tamarack Tower	James E. Swartz.
Tanners Falls	Leslie E. Walter.
Tionesta Dam	U. S. Engineers.
Titusville	Fed-State Flood Fcstg Ser.
Towanda	Mrs. M. Ordelia Parks.
Tunkhannock	Fed-State Flood Fcstg Ser.
Union City	Fed-State Flood Fcstg Ser.
Uniontown	Wm. W. Marsteller.
Vandergrift	Carnegie-Ill. Steel Corp.
Wallenpaupack Dam	Penna. P & L Co.
Warren	Merrell L. Jordan.
Washington	Fed-State Flood Fcstg Ser.
Waynesburg	Thomas S. Knox.
Wellsboro	M. S. Bliss.
Wernersville	J. H. Thompson.
West Chester	Clyde T. Saylor.
Westgrove	Conard-Pyle Co.
Wilkes-Barre	U. S. C'm'c'tions Station.
Williamsport	John D. McEwen.
Williamstown	Gordon Lower.
Woodward	U. S. Weather Bureau.
York	York Water Co.
York Haven	Metropolitan-Edison Co.
Youngsville	Fed-State Flood Fcstg Ser.
Zionsville	J. H. Weinberger.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION,
L. F. CONOVER.
HARRISBURG, PA.

VOL. XLVII. ANNUAL SUMMARY, 1943. No. 13.

GENERAL SUMMARY.

Contrasting variations from the coldest April to the warmest June of record; from an unusually wet May and October to the driest September and December of record, made 1943 an interesting weather year, although at the close of the year, the meteorological ledger was nearly balanced. The mean annual temperature of 49.5° was 0.7° below the average and the total precipitation of 38.04 inches was 3.99 inches below normal. These are not significant departures in Pennsylvania's 56-year climatological history.

The most important single feature during the year was the drought condition that developed in the eastern portion of the State. Vegetation and agricultural operations, impeded during a cold, wet spring, were further hindered by a hot, dry summer. A drought was fully developed in the south-central counties by mid-August and it spread north and eastward during September, the driest month since October, 1924. Precipitation deficiencies accumulated during the growing season, reached four to eight inches in central and eastern counties while excesses accumulated in some western counties, reaching 7.56 inches at Claysville and 5.39 inches at Warren. Wells and springs, normally dependable, were dry and water was hauled for livestock and, in some localities, for human consumption. One of the wettest Octobers of record in Eastern Pennsylvania relieved the drought but came too late to be helpful to the the season's crops. Largely as a result of the unfavorable weather, crop production was 8% less than 1942 despite increased acreage and efforts.

WEATHER BY MONTHS

JANUARY.—Snowfall was 50% above normal. The extremely cold second week and unusually warm third week experienced in neighboring states did not affect Pennsylvania, and temperatures were about normal. Freezing rain produced unusually large accumulations of glaze in Wayne County on the 18-19th. Wind damage occurred in south-central counties on the 19th.

FEBRUARY.—A rather mild and dry month. Excepting in the mountains, the snow cover was inadequate. Although streams rose at the end of the month and four children were drowned in swollen currents, rivers crested well below flood stages.

MARCH.—Late winter conditions prevailed the first half. However, the latter half was mild and dry. Generally, winter grains which had inadequate snow protection during the winter suffered further damage from alternate freezing and thawing. Fruit trees suffered some freeze injury.

APRIL.—This was the coldest April of record and resembled a warm, windy March, rather than the second month of spring. Abnormal precipitation combined with the cold to further restrict outdoor work and vegetal growth. Local flooding occurred in the Bradford area on the 27th.

MAY.—Although temperatures were more seasonable, the precipitation was again abnormal, the fourth highest total of record. At the close of the month little corn, oats or potatoes were planted in the northern portion of the State and the crop season was now very late. Flood damage occurred in Lackawanna County on the 18th and Elk County on the 25th. Lightning killed three men and accidents, during other storms, caused four additional deaths.

JUNE.—This was a month of extreme and violent weather. It was the hottest June of record and the hottest month of the year. Seventeen deaths were attributed to the heat from the 1st to 26th and twenty-six about the 27th. Thunderstorms occurred about one out of every two days but precipitation averaged the lowest since 1933. Soil erosion, flooding, and hail beset local areas while in south-central counties precipitation was deficient. The month, as a whole, was favorable to crops.

JULY.—Killing frosts at a few mountain localities and record low temperatures at scattered stations on the first proved a marked and pleasant reaction to the closing week of June. However, the weather for the month was nearly as warm and violent as that of the previous one. While eastern counties experienced subnormal rainfall, southwestern counties received unusual amounts. Claysville's monthly and greatest 24-hour precipitation records were exceeded. Flash floods resulted from local storms on the 7th, 12th, and 27th; lightning killed two boys at Butler on the 14th and a man at Clearfield on the 27th; hail stones, the size of baseballs, were reported at Phoenixville on the 20th. Small tornadoes were reported at Oil City and Pleasantville on the 29th. In Oil City, two persons were injured and property damage was estimated at $45,000. Property damage over the State amounted to more than a million dollars.

AUGUST.—While drought conditions were spreading from a center in Adams and York counties, due to the third warm, dry month, excessive rain in Fayette and Westmoreland counties again caused sudden flooding. On the 13th, two children were drowned, as five houses near Melcroft were swept from their foundations. Summer rainfall deficiencies reached 7.25 inches at Gettysburg, 4.98 inches at Freeland, 5.92 inches at West Grove, and 4.37 inches at Somerset, in marked contrast to an excess of 1.10 inches at Derry and 1.66 at Coudersport; the daily temperatures averaged about 2° warmer than the mean.

SEPTEMBER.—Rainfall was 25% less than any previous September and only 19% of normal. It was one of the six coolest. Several heat prostrations were reported at the beginning of the month when the highest temperature of the year, 102°, was reported at Middletown. More rain fell at eastern stations on the 30th than had been reported in the previous month. A new low temperature of 18° for the State was recorded at Black Moshannon Airport on the 26th.

OCTOBER.—Drought conditions were relieved by one of the wettest Octobers of record in Eastern Pennsylvania, where rainfall was more than twice the usual amount. The State average was 61% greater than the August-September total. Excessive rainfall, at western stations on the 15-16th and at eastern stations on the 25-26th, overcame a serious forest fire hazard. Wells and springs were replenished, pastures were revived, fall seedings and winter grains benefited, but in some localities where the farmers had been harassed by soil too hard to cultivate, they found it now too wet. A small tornado passed over Lake Wallenpaupack on the 16th with very little damage resulting.

NOVEMBER.—This being the third consecutive month with a subnormal temperature, the autumn season closed with the temperature 2.6° below the normal. The first half of the month continued the rainy pattern of October and, as a consequence, autumn's rainfall was only 0.25 inch below the average, despite

(Continued on page 99).

Climatological Data for the Year 1943

STATIONS	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)							Sky			
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall (unmelted)	Number days with .01 or more	Number clear days	Number partly cloudy days	Number cloudy days	Prevailing direction of wind
Atlantic Drainage.																				
Allentown	Lehigh	260	21	50.9	97	June 26	− 5	Feb. 15†	32	38.05	7.64	Oct.	0.12	Sept	20.6	118	171	106	88	ne.
Altoona, 5 W	Blair	1,500	46	48.9	93	do. 1†	−10	do. 16	57	39.49	6.43	July	0.61	do.	64.2	147	171	107	87	w.
Bethlehem	Northampton	364	41	51.6	97	do. 25	− 7	do. 15	58	46.33	6.09	Oct.	0.21	do.	23.6	111	181	46	138	nw.
Burnt Cabins, 2 E	Cumberland	473	77	52.1	98	do. 25	− 5	Mar. 9	2	32.84	6.06	do.	0.34	do.	35.5	108	162	66	137	w.
Carlisle	Franklin	600	44	53.0	100	do. 25	0	do. 15	47	34.26	6.43	May	0.16	do.	29.9	112	130	129	106	sw.
Chambersburg	Franklin	431	56	53.3	99	do. 26	0	do. 15	55	38.22	7.62	Oct.	0.98	do.	15.4	101	86	92	187	nw.
Coatesville	Chester	431	1	44.2	87	do. 25	−15	do. 15	1	48.65	8.55	May	1.24	do.	‡	177	‡	‡	‡	‡
Curwensville, 6 NW	Clearfield	2,215	2	44.0	89	do. 25†	−22	do. 16	2	46.12	9.05	Oct.	0.16	do.	62.8	126	130	107	128	ne.
Eagles Mere	Sullivan	2,020	43	53.3	99	do. 25†	1	do. 15	51	33.09	7.12	do.	0.13	do.	20.7	99	147	73	145	n.
Ephrata	Lancaster	365	50	‡	90	Aug. 3	−18	do. 15	50	42.27	9.84	do.	0.36	do.	83.1	125	‡	‡	‡	w.
Freeland	Luzerne	1,970	37	52.6	95	June 25†	− 1	do. 15	37	35.80	6.28	do.	1.06	Dec.	14.8	132	174	87	104	nw.
George School	Bucks	184	68	54.0	98	Aug. 10†	2	do. 15	70	34.57	7.27	May	0.46	Sept.	28.5	99	186	99	80	w.
Gettysburg	Adams	553	40	48.4	94	June 26	−14	do. 16	40	47.99	10.11	Oct.	0.45	do.	39.1	115	165	75	125	ne.
Gordon	Schuylkill	900	39	53.0	96	do. 25†	2	do. 15†	39	37.83	8.03	do.	0.70	do.	27.0	111	69	129	167	w.
Hanover	York	600	55	52.9	98	do. 25	2	do. 15	74	34.46	6.82	do.	0.85	do.	27.5	111	170	104	91	w.
Harrisburg (Airport)	York	364	25	47.0	98	do. 25	−20	do. 16	33	34.30	6.38	do.	0.11	do.	55.3	132	137	102	126	nw.
Hawley	Wayne	900	25	54.0	97	do. 26	5	do. 15	30	33.19	6.67	do.	0.30	do.	27.5	122	137	102	126	w.
Holtwood	Lancaster	200	54	49.8	99	Sept. 1	− 9	do. 16†	56	33.20	6.12	July	0.37	do.	26.5	116	102	99	164	nw.
Huntingdon	Huntingdon	700	34	52.8	97	June 27	2	do. 15†	56	37.90	7.46	Oct.	0.18	do.	17.4	110	217	80	68	n.
Lancaster	Lancaster	280	46	48.1	98	do. 25	−15	Mar. 4	46	32.42	5.94	May	0.49	Feb.	30.0	91	112	141	112	sw.
Lawrenceville	Tioga	996	55	51.4	100	do. 25	− 2	Feb. 16	60	38.15	8.84	Oct.	0.38	Sept	31.7	110	238	63	64	...
Lebanon	Lebanon	475	5	‡	98	do. 25†	− 1	do. 15	5	36.05	6.32	do.	0.52	do.	‡	109	‡	‡	‡	e.
Lewistown, 2 SW	Mifflin	580	53	49.7	99	do. 25	− 8	do. 16†	53	39.70	7.41	do.	0.33	do.	46.4	133	154	90	121	s.
Lock Haven	Clinton	554	16	56.5	100	do. 26	6	do. 15	17	36.33	6.31	do.	0.22	do.	10.7	104	256	35	74	...
Marcus Hook	Delaware	50	1	48.3	93	Aug. 12	− 5	do. 14†	1	29.83	4.98	July	0.22	do.	...	129	...	...	...	nw
Martinsburg	Blair	1,460	38	44.1	93	June 28	−20	do. 15†	40	41.42	8.06	May	0.61	do.	86.3	143	137	72	156	nw
Montrose	Susquehanna	1,176	2	44.2	89	do. 26	−19	do. 15	2	42.43	8.65	Oct.	0.66	do.	61.9	135	64	165	136	w.
Mt. Pocono	Monroe	1,914	18	50.1	100	do. 25	−16	do. 16	27	36.78	6.70	do.	0.43	do.	29.8	109	100	115	150	sw.
Palmerton	Carbon	420	3	53.6	97	do. 26	3	do. 15	3	36.77	5.63	May	0.65	Aug.	11.1	114	74	145	146	...
Philadelphia (Airport)	Philadelphia	10	72	55.0	94	do. 4†	3	do. 15	72	31.72	6.00	do.	0.62	do.	...	99	...	...	...	...
Philadelphia C.O	Philadelphia	23	26	54.0	96	do. 25	1	do. 16	47	41.17	8.15	do.	1.02	Sept.	19.0	125	144	76	145	nw.
Phila. Shawmont	Philadelphia	66	1	43.8	89	do. 28	−16	Dec. 15	1	38.64	7.00	Apr.	0.72	do.	79.3	153	49	146	170	w.
Philipsburg, 7 E	Centre	1,914	33	‡	‡	‡	‡	‡	33	40.42	8.62	Oct.	0.18	do.	93.8	114	170	105	90	w.
Phoenixville	Chester	100	5	50.0	95	do. 25†	−12	Feb. 16	5	40.56	7.85	do.	0.11	do.	33.0	106	232	92	41	n.
Port Clinton	Schuylkill	430	56	‡	‡	‡	−10	do. 16	58	43.63	7.75	do.	0.17	do.	18.9	117	150	117	98	nw.
Quakertown	Bucks	480	46	53.4	99	do. 25	0	do. 15	66	33.35	6.76	do.	1.13	do.	30.6	107	90	122	153	nw.
Reading	Berks	273	49	49.0	95	do. 25	−13	do. 15	49	32.52	6.49	do.	0.52	do.	29.9	123	70	158	137	sw.
Scranton	Lackawanna	746	54	50.5	95	do. 25†	− 2	do. 16	54	39.82	7.72	do.	0.84	do.	‡	128	169	96	100	sw.
Selinsgrove	Snyder	476	55	49.2	93	do. 25†	− 7	do. 15	58	31.12	4.81	July	0.35	do.	30.5	132	74	161	127	w.
State College	Centre	1,200	29	50.8	97	do. 25†	−21	do. 16	29	41.11	6.89	Oct.	0.12	do.	25.4	123	110	93	162	w.
Stroudsburg, 2 E	Monroe	327	.....	‡	88	do. 4†	‡	‡	3	41.41	5.48	Apr.	0.87	Dec.	77.0	154	88	125	152	w.
Tamerack Tower	Clinton	2,250	49	48.4	95	do. 25	−14	do. 15	49	32.93	6.64	Oct.	0.36	Sept	39.0	130	109	140	116	ne.
Towanda	Bradford	755	63	44.6	94	do. 25	−16	do. 15†	73	32.05	6.30	do.	0.45	Dec.	37.3	125	117	142	106	s.
Wellsboro	Tioga	1,319	89	53.0	95	do. 26	1	do. 15	91	37.26	7.66	May	0.53	Sept	23.7	119	178	90	97	w.
West Chester	Chester	440	5	49.0	95	do. 25	−12	do. 15	59	‡	9.98	Oct.	0.57	do.	‡	‡	38	135	192	s.
Wilkes-Barre	Luzerne	549	54	50.6	97	do. 25†	−10	do. 15	57	39.02	8.29	do.	0.16	do.	‡	134	107	159	99	w.
Williamsport	Lycoming	542	44	53.8	98	do. 26	1	do. 16†	56	37.03	8.07	do.	0.46	do.	‡	118	169	111	85	w.
York	York	390																		
Ohio Drainage.																				
Bradford	McKean	1,680	2	45.0	90	June 24†	−27	Feb. 15	26	36.14	7.14	May	1.05	Dec.	68.9	160	56	125	184	w.
Brookville	Jefferson	1,400	32	45.8	92	Sept. 1	−15	Dec. 15	52	33.09	6.93	do.	0.70	Sept	...	156	‡	‡	‡	‡
Butler	Butler	1,077	21	49.4	94	do. 25†	‡	‡	46	39.04	7.42	May	1.07	do.	36.5	163	‡	‡	‡	‡
Clarion, 3 SW	Clarion	1,114	.....	‡	91	do. 24†	−10	do. 16	39	44.33	11.31	July	0.94	Sept	28.0	126	141	105	119	nw.
Claysville	Washington	1,170	39	48.2	96	do. 25	−20	do. 15	16	45.00	7.77	May	0.94	Dec.	62.0	177	141	78	146	nw
Coudersport	Potter	1,653	15	45.8	96	do. 24†	−11	do. 16	47	44.37	9.30	do.	0.81	Sept	39.4	142	159	102	104	w.
Derry	Westmoreland	1,150	47	51.1	93	do. 24	− 1	do. 15	17	32.14	6.94	do.	0.46	do.	13.4	127	57	95	213	sw.
Donora	Washington	761	17	53.4	97	do. 24	− 1	do. 15†	25	39.69	8.57	do.	0.74	do.	48.1	159	122	86	157	w.
Ebensburg	Cambria	2,060	26	45.2	89	Aug. 12	−10	do. 16	71	36.91	4.94	Aug.	0.88	do.	54.5	149	145	86	134	w
Franklin	Venango	987	50	47.2	92	June 25†	−11	do. 16	35	42.29	6.63	May	1.34	Dec.	50.9	152	133	130	102	sw.
Greensburg, 2 S	Westmoreland	977	35	50.2	93	do. 24	−10	Dec. 15	57	40.93	7.67	do.	0.68	Sept	‡	147	‡	‡	‡	‡
Indiana	Indiana	1,300	42	‡	92	do. 24†	−12	Feb. 16	47	38.68	7.68	do.	0.76	do.	49.5	150	107	94	164	w.
Irwin	Westmoreland	1,090	44	50.3	94	do. 24†	−10	do. 18	62	42.28	7.96	do.	0.94	do.	84.7	168	153	106	106	sw
Johnstown	Cambria	1,650	54	49.0	93	Aug. 12	−10	do. 16	25	39.88	8.08	do.	1.07	do.	106.4	178	100	77	188	nw.
Kane, 1 N	McKean	1,750	.....	‡	‡	‡	‡	‡	51	37.66	5.81	July	1.21	Dec.	77.4	167	77	115	173	sw.
Meadville	Crawford	1,100	50	46.2	95	June 25	−18	do. 15†	4	36.40	5.19	May	0.99	do.	30.8	147	44	149	172	sw.
Mercer	Mercer	1,240	4	46.4	92	do. 27	−10	do. 15†	7	35.11	6.37	July	0.91	do.	23.2	132	93	124	148	nw
Midland	Beaver	780	6	51.2	94	do. 24†	− 3	do. 15	18	37.08	9.29	do.	0.96	Sept	24.8	127	120	98	147	s.
Mount Lebanon	Allegheny	1,163	18	50.8	93	do. 24†	− 8	do. 15	59	32.82	7.56	do.	0.91	Dec.	28.2	145	104	162	99	nw
New Castle	Lawrence	900	63	50.6	96	do. 26	− 8	do. 15	10	34.70	7.99	do.	0.71	Sept	37.4	139	76	117	172	s.
Pittsburgh (Airport)	Allegheny	1,226	10	50.7	93	do. 24†	− 5	do. 15	72	33.55	7.96	do.	0.73	do.	.....	138	...	...	...	...
Pittsburgh C.O	Allegheny	1,248	69	52.6	95	do. 24	0	do. 15†	2	33.69	4.71	May	0.84	Dec.	.....	161	...	...	...	e.
Pymatuning Dam	Crawford	1,050	2	46.1	93	do. 25†	−15	Dec. 16	37	39.51	7.86	do.	0.66	Sept	40.1	157	93	125	147	s.
Ridgway	Elk	1,371	28	44.8	94	Sept. 1	−19	Dec. 15	31	‡	7.11	June	1.00	do.	23.3	‡	192	125	66	‡
Sharon	Mercer	940	31	52.3	100	June 25†	− 8	Feb. 15	60	37.07	6.90	July	0.33	do.	70.2	147	50	130	185	sw.
Somerset	Somerset	2,190	76	47.5	91	do. 24†	−18	Dec. 15	24	34.59	5.28	May	0.34	do.	51.1	169	63	95	207	w.
Somerset	Somerset	2,200	24	45.6	88	Aug. 12	−13	do. 15	55	34.97	8.05	do.	0.86	do.	28.5	143	135	150	80	sw.
Springs	Fayette	1,100	54	52.9	92	June	− 4	Feb. 16	30	36.54	6.90	do.	0.97	do.	‡	123	124	153	88	...
Uniontown	Westmoreland	825	29	51.8	96	Sept. 1	− 2	Dec. 15	55	49.79	9.93	do.	1.93	Dec.	66.8	153	108	95	162	sw.
Vandergrift	Warren	1,190	49	47.8	94	do. 1	−20	Feb. 15	13	35.84	6.89	do.	0.84	Sept	20.3	100	63	176	126	w.
Warren	Greene	1,035	13	51.4	94	June 27	− 8	do. 16												
Waynesburg																				
Lake Drainage.																				
Erie	Erie	670	71	48.6	94	Sept. 1	− 9	Feb. 15	71	37.53	6.41	May	0.93	Jan.	50.0	143	74	121	170	w.
For the State		.....	.....	49.5	102	Sept. 1	−27	Feb. 15	.....	38.04	11.31	July	0.04	Sept	38.8	130	125	109	131	w.

† Also on other dates. ‡ Incomplete.

W. B. O. Philadelphia-3-14-44-1050

Monthly and Annual Mean Temperatures for the Year 1943, with Departures from the Normal

STATIONS.	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Allentown	29.3	+0.2	30.5	+1.1	37.1	−0.8	48.6	−5.1	61.6	+0.9	74.4	+4.5	74.6	+0.6	72.9	+1.0	63.4	−1.7	52.5	−0.7	40.4	−2.1	30.0	−2.2	50.9	−0.3
Altoona	27.2	−0.3	29.2	+1.7	37.4	0.0	42.4	−5.3	60.4	+1.6	72.8	+6.2	70.7	−0.3	69.6	+0.4	61.2	−1.9	50.0	−2.1	37.6	−2.8	28.2	−1.9	48.9	−0.4
Arendtsville	30.6	+0.5	33.4	+1.8	41.0	+1.6	47.2	−2.0	63.8	+3.4	75.2	+4.7	74.6	+0.2	74.6	+2.1	64.7	−1.1	53.0	−1.0	41.4	−1.2	31.6	−1.7	52.6	+0.6
Bethlehem	28.6	−2.0	30.7	−0.6	38.2	−2.2	45.5	−5.7	63.0	+0.5	74.4	+3.8	74.4	−0.7	73.9	+0.6	64.6	−2.3	52.8	−3.0	42.6	−1.9	30.2	−3.5	51.6	−1.4
Blue Mt. Interchange	30.6	.....	32.8	.....	40.4	.....	46.6	.....	63.3	.....	76.4	.....	75.9	.....	75.0	.....	65.6	.....	56.2	.....	42.2	.....	32.4	.....	53.1	.....
Bradford	23.4	.....	25.6	.....	32.7	.....	38.7	.....	56.4	.....	69.6	.....	68.0	.....	65.2	.....	56.3	.....	46.6	.....	33.8	.....	24.2	.....	45.0	.....
Breezewood Interch'ge	b29.7	.....	31.0	.....	37.6	.....	42.7	.....	62.2	.....	74.0	.....	73.0	.....	72.0	.....	61.6	.....	49.8	.....	a37.2	.....	29.4	.....	50.0	.....
Brookville	26.0	+1.3	25.6	+0.6	33.3	0.0	38.7	−6.0	57.0	+1.5	69.4	+5.8	69.2	+1.2	66.2	+0.3	57.4	−3.1	46.2	−3.6	35.0	−2.6	25.0	−3.2	45.8	−0.6
Burnt Cabins	28.7	.....	30.1	.....	36.8	.....	42.6	.....	61.4	.....	73.8	.....	72.7	.....	a71.1	.....	59.9	.....	49.0	.....	37.4	.....	27.8	.....	49.3	.....
Butler	29.6	+0.2	29.4	+1.1	36.4	−1.4	43.2	−4.6	60.6	+1.1	73.0	+5.0	72.8	+0.4	69.6	−0.6	61.4	−2.8	49.4	−3.5	38.2	−0.2	28.6	−3.2	49.4	−0.7
Carlisle	30.9	+2.2	32.5	+2.3	40.5	+1.8	46.4	−5.6	64.0	+2.2	75.8	+4.6	74.3	−0.8	72.7	−0.1	63.3	−2.2	52.4	−0.7	41.1	−0.5	31.5	−0.3	52.1	+0.2
Chambersburg	31.2	+1.4	34.2	+2.4	41.3	+1.5	47.4	−2.8	64.0	+2.7	77.0	+6.9	75.8	+1.0	74.7	+2.3	64.2	−2.1	52.7	−0.6	41.0	−1.4	32.4	−0.9	53.0	+0.9
Clarion	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71.6	.....	68.4	.....	60.6	.....	48.8	.....	37.6	.....	26.0	.....	§	.....
Claysville	29.1	−2.0	28.8	−2.8	35.3	−5.7	42.6	−7.9	59.8	−1.0	72.2	+2.9	70.7	−2.5	67.9	−3.8	59.4	−8.5	48.6	−5.5	37.1	−5.2	27.4	−5.6	48.2	−4.0
Coatesville	30.4	+0.1	33.2	+2.7	40.0	+0.2	46.7	−3.6	63.5	+2.2	78.0	+7.8	77.8	+3.1	76.5	+3.8	66.2	+0.1	53.0	−1.0	42.7	−0.1	31.6	−1.3	53.3	+1.2
Columbia	.....	.....	.....	.....	.....	.....	.....	.....	64.4	.....	76.8	.....	75.8	.....	75.0	.....	65 2	.....	52.8	.....	41.9	.....	32.6	.....	§	.....
Coudersport	23.8	−0.9	26.1	+1 5	34.0	+1.5	39 2	−4.6	55.7	−0.8	70 2	+6.4	71 0	+3.0	67.0	+0.9	58.2	−2.1	46.4	−0.6	33.8	−2.6	23.6	−3.6	45.8	−0.1
Curwensville	22.8	.....	23.5	.....	32.0	.....	36.8	.....	55.8	.....	68.0	.....	67.6	.....	65.4	.....	57.3	.....	45 6	.....	32.9	.....	22.8	.....	44.2	.....
Derry	32.4	+1.8	32.4	+2.4	40.6	+0.9	45.2	−4.3	62.6	+1 8	74.9	+5.9	70.4	−2 3	70.9	+1.6	62.4	−3.0	50.8	−3.4	40 4	−1 8	30.3	−2.1	51.1	−0.2
Donora	34.6	+0.5	35.1	+0.5	41.2	−0.8	46.9	−4.5	63 8	+1.1	77.1	+5.7	76.6	+0.6	73.6	−0.6	65.2	−3.1	53.7	−2.1	41.7	−3.3	32.0	−4.5	53.4	−0.9
Eagles Mere	20.2	.....	23.4	.....	30.6	.....	36.2	.....	55 6	.....	68.1	.....	68.8	.....	66.3	.....	57.0	.....	46.0	.....	33.4	.....	22.2	.....	44.0	.....
Ebensburg	25.8	−0.1	25 2	−2.1	32.0	−3.3	38.4	−6.8	56.4	0 0	69.0	+4.0	68 1	−0 2	65.6	−1.1	57 2	−4 0	45.8	−4.1	34.6	−3.9	24.4	−4.5	45 2	−2.2
Emporium	.....	.....	.....	.....	.....	.....	39.6	−7.0	57.4	−0 5	71 2	+5.3	70.4	+0.6	68 4	+0.7	59.4	−2.1	48.6	−1.5	36.0	−3.3	§	.....	§	.....
Ephrata	31.2	+0.8	33.6	+3.2	40.9	+0.8	46.9	−3.6	63.6	+1.7	76 8	+7.1	76.0	+1.0	75.6	+3 2	65.4	−0.9	53.5	−1.3	42.9	−0.6	32.7	−0 2	53.3	+1.0
Erie	25 8	−1.0	28.4	+1.5	35.0	+1.5	40.8	−4.3	55.6	−1.2	71.2	+5.0	72.5	+1.5	71.4	+1.8	62.9	−0.7	51 0	−2.4	39.9	−1.5	29 3	−2.6	48.6	−0.2
Everett	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72 2	+0.5	71.1	+1.5	59.6	−3.4	49 4	−2.6	38.7	−2.1	29.6	−0.3	§	.....
Franklin	b26.8	+0.3	27.0	+1.2	33.7	−1.7	40.4	−5.5	57.3	−0.3	71.2	+5.0	70.7	0.0	68.3	−0.2	59.3	−3.4	48.2	−3.0	37.2	−2.3	26.2	−3 4	47 2	−1.1
Fredericksville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72.3	.....	70.4	.....	62.0	.....	51.4	.....	40.3	.....	29.2	.....	§	.....
Freeland	.....	.....	.....	.....	32 3	−0 5	39.0	−5 2	57 9	+1.3	71 4	+6.4	70.2	+0.9	69.6	+2.9	60.8	+0.7	48.2	+0.5	36.8	−0.5	25.3	−2.1	§	.....
George School	30.9	−0.4	33.9	+2.6	40.8	+1.7	46.8	−3.6	e63.0	+1.7	74.8	+5.4	74.6	+0.3	74.4	+2.3	65.3	−1.1	53.6	−1.8	42.6	−1.4	31.4	−2.2	52.6	+0.2
Gettysburg	32.1	+2.0	34.5	+3.1	41.8	+1.7	48.6	−2.4	65.0	+3.2	76.8	+6.5	75.6	+1.0	76.0	+3.7	65.5	−0.5	54.0	+0.5	43.1	+0.6	34.2	+1.4	54.0	+1.8
Gordon	27.2	+0.2	27 8	+0.6	36.6	0.0	41.6	−6.0	60.2	+2.0	71.6	+5 4	71 3	+0.8	69.4	+1 1	60.0	−2.4	49.5	−1 3	38.6	−1.4	27 7	−1.9	48.4	−0.3
Greensburg	32.2	+1.1	33.2	+1.7	40.4	+0.5	45.9	−4.5	62.1	+1.6	74.7	+5.8	70.8	−1 8	68.8	−2.1	58.6	−6.8	49.6	−4.6	37.8	−5.1	28 6	−4.5	50.2	−1.6
Hanover	31.0	−1.8	33.6	+0.4	39.4	−2.9	47 2	−5.1	63 9	+0.7	76.8	+5.4	75.6	−0.2	75.7	+2.1	64.6	−3.1	53.0	−3.2	42.5	−2 5	32.2	−2.6	53.0	−1.0
Harrisburg	30.8	+1.8	33.5	+3.3	40.6	+1.7	46.0	−4.9	63.6	+1 8	76.8	+6 5	76.2	+1.4	75.2	+2.6	64.8	−1.0	53.5	−1 3	41.7	−1.1	32.5	−0.2	52.9	+0.8
Hawley	24.6	−0 7	25.8	0.0	33 8	−0.8	40.4	−4 8	58.2	+1.1	71.0	+5.0	71.6	+1.3	69.4	+1.4	58.7	−2 3	49.2	−0.1	36.8	−3.2	25.2	−3.5	47.0	−0.5
Holtwood	31.7	0.0	33.9	+1.2	40.4	−0.8	47.1	−4.0	64.0	+1.1	77.4	+4.8	77.3	+0.3	77.2	+2.2	67.6	−1.5	54.6	−1.8	43.6	−1.5	33.4	−1.4	54.0	−0.1
Huntingdon	28.8	−0.1	29.3	−0.1	35.7	−2.9	42.2	−7.2	61 0	+0.6	74 8	+6.2	73.2	+0.8	71.7	+1.0	61.5	−3.1	51.2	−1.5	38.8	−2.9	30.0	−1.7	49 8	−1.0
Indiana	29.5	+0.2	30 2	+0.7	38.0	−0.6	43.4	−5.8	60.2	+0 6	72.6	+4.7	71.6	0.0	69.2	−0.7	61.8	−2.7	§	.....	§	.....	d28.3	−2.7	§	.....
Irwin	30.7	+0.4	32.3	+2.0	38.0	−1.8	43.7	−5.6	61.3	+1.1	73.6	+4.9	72.6	+0.3	70.2	−0.6	61.2	−3.5	49.8	−4.1	39.9	−2.2	29.8	−2.9	50.3	−1.0
Johnstown	30.0	−0.3	30.6	+0 1	37.9	−1.3	43.2	−6.5	60.0	−1.0	72.6	+3.2	70.8	−2 4	68.2	−3 2	60.0	−5.6	48.8	−4 9	38 0	−4 0	28.4	−4.3	49.0	−2.6
Lancaster	31.6	+1.5	33.8	+2.8	40.8	+1.2	47.8	−1.7	64.2	+3 0	76.1	+5 8	74.8	+0.7	74.0	+1.6	64.7	−0.9	52.1	−1.5	41.8	−1.3	31.6	−1.6	52.8	+0.8
Lawrenceville	25.2	−0.1	28 9	+4.1	35.2	+0 8	40.8	−5.1	59.0	+1.6	73.0	+6.9	72.0	+1.6	69 4	+1.1	60 8	−0.9	49.5	−1.0	36 6	−2.5	26.4	−2.4	48.1	+0.3
Lebanon	29.2	0.0	30.6	+1.1	37.4	−1.8	44.3	−5.9	b61.6	+0.5	76.0	+6.2	75.7	+1.6	74.4	+2.2	64.6	−1.1	53.0	−0.7	40.6	−2.0	30.2	−2.0	51.4	−0.2
Lewistown	30.8	.....	33.8	.....	41.4	.....	47.0	.....	64.7	.....	76.4	.....	76.6	.....	d74.9	.....	60.8	.....	.....	.....	39 0	.....	29.7	.....	§	.....
Lock Haven	26.4	−1.8	28.6	+0.2	36.1	−2.4	42.2	−8.1	60.3	−1.5	74.3	+4.5	74.4	+0.8	72.4	+0.9	62.6	−2.3	51.3	−2 2	38 6	−3.4	28.6	−2.8	49 7	−1.5
Marcus Hook	34.0	−1.3	37.4	+2.4	44.5	+0.4	49 3	−5.6	65.7	−0.5	79.7	+4.6	79.3	+0.3	79.4	+3.1	68.8	−1.9	56 8	−2.7	46.4	−1.4	36.9	−2.0	56 5	−0.4
Martinsburg	27.4	.....	28.8	.....	35.8	.....	41.6	.....	59.8	.....	71.8	.....	70.8	.....	69.2	.....	60.0	.....	49.1	.....	37.6	.....	27.9	.....	48 3	.....
Mauch Chunk	26.4	−1.2	c30 0	+2.2	a35.5	−1.8	a42.2	−6.4	b60.6	+0.9	§	.....	a72.2	+0.1	69 2	−0.7	b58.8	−5.3	d49.4	−3.0	g37.8	−3.4	b25.6	−5.2	§	.....
Meadville	24 4	−1.1	24.6	+0.2	32.0	−2.8	39.2	−6.3	56.4	−0.5	70.6	+4.9	70.6	+0.9	68.0	+0.3	59.2	−2.9	47 6	−3.2	36.2	−2.8	25.6	−3.6	46.2	−1.4
Mercer	25.3	.....	26.9	.....	33.5	.....	39.8	.....	56.5	.....	69 1	.....	70.6	.....	69.0	.....	59.0	.....	46 3	.....	36.0	.....	25.2	.....	46.4	.....
Middletown	29.9	−0.7	32.2	+0.6	39.4	+0.2	45.4	−4.3	62 4	+0.7	75.8	+5.0	75 2	+0.2	74.0	+1.1	64.1	−1.9	52.5	−1.4	41.2	−2.1	31.9	−1.5	52.0	−0.3
Midland	31.6	.....	33.0	.....	39.9	.....	46.1	.....	61.6	.....	74.6	.....	74.0	.....	71.2	.....	62.2	.....	51.0	.....	39.6	.....	30.0	.....	51.2	.....
Montrose	19.5	−3.8	22.6	−0.3	29.8	−2.3	36.0	−7.8	55.0	0.0	68.6	+5.0	70.2	+2.0	67.4	+0.6	58.4	−2.1	46.7	−2.4	33.6	−1.7	21.2	−5.4	44.1	−1.5
Mt. Lebanon	30.6	+0.2	32.0	+0.8	38 2	−0.5	45.6	−2.9	62.4	+2.0	e74.2	+5.9	73.4	+0.3	70 8	−0.4	b63.6	−1.9	50.8	−2.9	39.2	−3.1	29.2	−3.7	50 8	−0.6
Mount Pocono	21.8	.....	23.2	.....	30.8	.....	36.4	.....	55.2	.....	67 2	.....	67.8	.....	65.8	.....	57.4	.....	46.9	.....	35.2	.....	23.6	.....	44.2	.....
New Castle	30.0	+1.9	32.2	+3.5	38.8	+1.9	44.9	−3.6	61.2	+1.6	73.6	+4.5	73.9	+1.3	70.5	0.0	62.4	−2.0	50.8	−1.8	39.0	−1.4	29.8	−1.3	50 6	+0.4
Palmerton	29.4	+0.2	29.5	+0.5	37.8	+0.6	42.4	−4.7	60.4	+0.8	73.8	+5.8	74.6	+1.1	71.8	+0.9	62.2	−1.7	51.4	−0.5	38.9	−3.1	29.3	−2.6	50.1	−0.3
Park Place	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68.4	.....	69.0	.....	68.4	.....	59.0	.....	47.1	.....	35.1	.....	24.7	.....	§	.....
Phila. (Airport)	31.8	+0.7	34.1	+1.6	41.3	+2.2	46 8	−3.8	63.3	+1.2	76.8	+6.2	76.4	+1.1	76.4	+3.1	66.4	+0.5	54.0	−1.5	43.9	0.0	32.8	−1.8	53.6	+0.7
Phila. (City Office)	32.6	0.0	35.8	+1.9	42.5	+1.7	47.8	−4.3	63.9	+1.0	77.2	+5.8	77.6	+1.4	77.9	+3.1	68 0	0.0	56.2	−1.6	45.9	+0.2	35.1	−1.2	55.0	+0.6
Franklin Institute	32.4	.....	36.1	.....	44.2	.....	48.2	.....	64.6	.....	78.7	.....	b78.4	.....	78.3	.....	67.0	.....	55.4	.....	a45.4	.....	32.8	.....	55.2	.....
Shawmont	31.8	0.0	34.7	+1.4	42.8	+0.6	48.0	−4.0	64 5	+1.1	76.2	+3.7	76.0	−0.4	76.1	+1.9	67.4	−0.7	54 6	−1.5	43.4	−1.8	32.8	−2.5	54 0	−0.2
Philipsburg	23.0	.....	24.3	.....	32.1	.....	37.1	.....	56.8	.....	67 4	.....	66.7	.....	63 3	.....	55.0	.....	44.6	.....	33.0	.....	23.0	.....	43 8	.....
Phoenixville	33.7	+2.8	36.2	+3.9	44.7	+3.6	51.2	−0.7	.....	.....	76.5	+4.7	77.2	+1.5	76.2	+0.9	66.4	−0 6	55.4	−0.1	44.1	+0 2	33.6	−0.3	§	.....
Pittsburgh (Airport)	30.6	+2.4	31.6	+1.8	37.6	+0.4	44.2	−5.0	61.1	−0.9	74.6	+6.0	73 2	+0 2	71.7	+0.4	63 2	−1.5	51.2	−2.9	39 5	−1 7	29.4	−2.6	50.7	−0.1
Pittsburgh (City Office)	33.2	+2.5	33.9	+1.6	40.0	+0.4	46.4	−4 8	68.0	+0.6	76.6	+5.9	75.3	+0.7	73.4	+0.5	64.4	−2.0	52.4	−3 3	41.8	−1.4	32.0	−2.2	52.6	−0.2
Port Clinton	29.1	+0.2	31.0	+1 6	38.1	−0.3	44.8	−4.9	62.0	+0 9	73.2	+4.1	72.6	−0 7	70.4	−0.9	61.0	−4.3	50.8	−2.7	38 8	−3.1	27.1	−5.0	50.0	−1.2
Pymatuning Dam	23.6	.....	24.7	.....	32.2	.....	39.4	.....	56.4	.....	70.1	.....	70.1	.....	68.1	.....	58 0	.....	47.2	.....	36.8	.....	25 4	.....	46.1	.....
Quakertown	28.2	+1.4	29.9	+1.1	38.5	+1.2	44.3	−4.3	60.8	+1.2	72.0	+3 6	.....	.....	.....	.....	c61.0	−2.9	50.4	−1.9	39.0	−2.4	28.0	−3.4	§	.....
Reading	31.4	+0.2	33.6	+3.0	41.0	+0.4	46.4	−4.3	63.5	+1 5	76.6	+6.2	76.4	+1.0	76.0	+3.1	66.0	−0.6	53.8	−1.7	43.2	−0.6	33.0	−1.2	53.4	+0.6
Ridgway	24.0	−1.2	24.0	−1.3	31.2	−2.3	37.6	−7.6	55.7	0.0	69.0	+4.8	68 8	+1.1	66.0	−1.1	57.2	−2.8	46.2	−2.5	33.7	−4 4	23.2	−5.0	44.8	−1.8
Scranton	25.9	−0.7	28.4	+1.1	36.2	+0.5	41.5	−6.6	60.2	+0.8	73.2	+5.4	73.8	+2.1	71.1	+1.3	61.4	−1.5	50.4	−1.5	38 6	−1.9	27.2	−3.5	49.0	−0.4
Selinsgrove	27.8	−1.1	32.0	+3.5	38.4	−0.1	43.2	−6.2	61.6	+0.9	b72.4	+3.8	73.7	+0.3	72.0	+0.6	62.5	−2.4	51.5	−1.4	40.0	−1.8	31.1	−0.7	50.5	−0.4
Sharon	27.8	−0.5	31.4	+3.1	38.9	+1.3	46.2	−2.5	a62.0	+2.3	77.4	+8.0	77.2	+3.6	75.0	+3 7	66.0	+0.8	53.4	0.0	41.7	+0.2	31.2	−0.1	52.3	+1.6
Somerset	29.3	+2.6	28 6	+1.5	36.4	+0.5	41.2	−4.9	58.7	+2.1	71.4	+6.2	68.6	0.0	66.8	−0.2	57.4	−3.4	47.6	−1.7	36.8	−1.8	26.5	−2.5	47.5	−0.1
Springs	28.2	+1.5	27.0	−0.7	33.6	−2.5	39.4	−6.0	56.3	+1.0	68.6	+4.7	66.2	−1.4	64.9	−1.2	55.6	−4.5	46.2	−3 3	35.7	−2.9	26.0	−3.8	45.6	−1 6
State College	26.8	−0.1	29.9	+3.1	37.4	+1.3	41.9	−5.8	60.6	+1.7	73.2	+6.4	73.0	+3.4	70.5	+1.7	61.3	−1.5	49.8	−1.5	38 4	−1 7	28 2	−1.8	49.2	+0.4
Stroudsburg	28.6	+1.4	30.1	+2.7	37.8	+1.4	44.8	−3.2	62.4	+3.6	73.6	+6.8	73.8	+1.9	d72 3	+2.4	63.4	+0.7	52 8	+0.9	40 2	−0 7	28.9	−1.7	50.8	+1.4
Tamarack	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68.6	.....	67.7	.....	65 7	.....	56 8	.....	45.2	.....	33.4	.....	22.8	.....	§	.....
Towanda	25.5	−0.3	29.0	+3.9	36.1	+1.0	41.4	−4.9	59.2	+1.7	72.2	+6.4	72.2	+1 7	70.0	+1.5	60.6	−1.7	49.9	−0.9	38.0	−1.8	26.4	−2.7	48.4	+0 4
Uniontown	34.4	+1.8	35.9	+3.2	42.0	+0.6	47.2	−4'0	63.6	+1.6	75.7	+5.6	73.8	+0.4	71.5	−0.4	63.6	−1 6	52.6	−2.2	42.5	−1.3	32.4	−2.7	52.9	+0.1
Vandergrift	32.1	+1.2	33.4	+1 6	40.2	+0.3	45.8	−4.4	62.6	+1.8	75 6	+6.2	74 8	+1.4	72.0	+0.6	63.6	−1.7	51.4	−2.5	40.5	−2.2	30.8	−3.3	51.8	−0.1
Warren	25.1	−0.7	27.2	+2.3	34.4	+0.1	b38.9	−6.1	d60.0	+3.5	72.2	+6 9	71.6	+1.8	69.6	+1.9	60.9	−1.3	49.6	−1.4	36.9	−2.4	27 2	−1.5	47.8	+0.3
Waynesburg	32.7	−0.7	34.0	+1.4	40.6	0.0	45.8	−4.7	62.0	+0.1	74.6	+3.9	72.9	−1.0	70 5	−1 8	61.8	−4.4	51.4	−3.5	40.3	−3.2	29 8	−5.0	51.4	−1.5
Wellsboro	22.6	−1.6	24 8	−0.2	31.0	−1.9	37.2	−7.3	55.4	−1.0	69.0	+4.5	69.0	+0.1	66 6	+0.2	56.6	−3.3	45.2	−3.7	33.9	−3.7	23.7	−4.3	44.6	−1.8
West Chester	30 8	+0.2	34.2	+3.6	41.5	+2.4	47.2	−2.7	63.3	+2.4	74.6	+4.9	75.3	+0.9	74.8	+2.6	66.0	+0.3	53 3	−1.3	43.4	+0.2	32 6	−0.8	53.0	+1.0
Wilkes-Barre(Airport)	d26.3	.....	28.8	.....	35.6	.....	41.5	.....	60.7	.....	72.6	.....	73.8	.....	70.6	.....	61.0	.....	51.3	.....	39.0	.....	26.6	.....	49.0	.....
Williamsport	28.4	+0.7	31.4	+3.5	39.1	+1.6	44.1	−4.8	62.2	+1.7	74.4	+5.4	74.0	+0.7	72.0	+1.0	62.8	−1.6	51.7	−0.9	39.2	−2.0	28.8	−2.1	50.6	+0.2
Woodward	22.2	.....	a25.0	.....	32.8	.....	37.2	.....	56 6	.....	69.1	.....	68.8	.....	67.5	.....	58.6	.....	46.2	.....	34.6	.....	24.2	.....	45.2	.....
York	32.6	+2.3	34.6	+3.3	42.5	+1.9	48.0	−2.9	65.2	+3.7	77.2	+7.0	75.8	+1.3	75.2	+2.6	65.5	−0.8	53.4	−0.7	42.8	−0.4	33 0	−0.4	53.8	+1.4
For The State	28.2	−0.1	29.9	+1.5	37.2	−0.4	43.1	−5.5	60.4	+0.7	73.0	+4.8	72.6	+0.4	70.8	+0.5	61.4	−2.8	50.1	−2.5	38.7	−2.6	28.4	−3.0	49.5	−0.7

Reference letters, as a, b, c., in table indicate number of days missing; for example, b represents 2 days.

§ Incomplete.

Monthly and Annual Precipitation for the Year 1943, with Departures from the Normal.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ATLANTIC DRAINAGE																										
Delaware Basin																										
UPPER DELAWARE																										
Dingmans Ferry	2.98	.....	1.85	.....	2.89	.....	2.61	.....	4.07	.....	3.70	.....	2.73	.....	2.53	.....	0.20	.....	6.34	.....	3.33	.....	0.72	.....	33.95	.....
Hawley	2.87	+0.23	1.68	−1.14	2.99	+0.09	2 78	−0.44	6.02	+2.50	1.68	−2.17	1.99	−0.79	2.78	−1.31	0.11	−3.10	6.38	+3.02	3.09	+0 46	0.93	−2.14	33.30	−4.79
Hollisterville	3.09	+0.31	1.80	−1.30	3.25	+0.28	3.14	−0.32	5.12	+1.60	2.73	−1.45	3.67	+0.35	2.54	−0.87	0.44	−2.99	7.88	+4.44	3.83	+0.82	0 92	−2.46	38.41	−1.59
Lakeville	3.02	+0.25	1.93	−1.01	2.95	−0.16	3.09	−0.48	5.81	+2.10	2.34	−2.09	3.39	−0.08	2.90	−1.15	0.28	−3.03	7.38	+3.73	3.48	+0.68	0.86	−2.34	37.43	−3.58
Matamoras	3.20	+0.48	1.74	−0.83	2.71	−0.39	2.42	−0.98	5.54	+2.17	2.35	−1.65	3.18	−0.54	2 81	−0.93	0.64	−2.55	6.11	+2.87	3.13	+0.32	0.83	−2.08	34.66	−4.11
Mount Pocono	3.79	.....	2.41	.....	3.24	.....	3.12	.....	5.52	.....	2.65	.....	3 86	.....	1.62	.....	0.66	.....	8.65	.....	5.70	.....	1.21	.....	42.43	.....
Pleasant Mount	.....	.....	.....	.....	.....	.....	.....	.....	6.82	.....	2.00	.....	4.68	.....	2.49	.....	0.82	.....	7.19	.....	4.49	.....	1 14	.....	§	.....
Stroudsburg	2.84	−0.54	2.28	−1.07	2.36	−1.15	2.89	−0.68	5.01	+1.68	5.32	+1.00	5.21	−0.10	3.13	−1.07	0.12	−3.36	6.89	+3.15	4.11	+0.92	0.95	−2.41	41.11	−3.63
Tanners Falls	2.50	.....	1.52	.....	3.68	.....	3.76	.....	6.22	.....	2.05	.....	5.90	.....	2.90	....	0.36	.....	6.24	.....	3.48	.....	0.90	.....	39 51	.....
LEHIGH																										
Allentown	3.17	−0.42	1.93	−1.43	2 55	−0.85	3.29	−0.42	4.18	+0.78	3.68	−0.26	2.19	−2.42	4.80	−0.10	0.12	−3.22	7.64	+4.09	3.29	+0.53	1.21	−2 30	38.05	−6.02
Bethlehem	2.13	−1.32	1.83	−1.28	2.32	−0.92	3.85	−0.15	4 21	+1.09	4.28	+0.42	2.55	−2.01	4.17	−0.28	0.21	−3.03	6.09	+2.74	4.03	+1.16	1.16	−2.12	36.33	−5.70
Blakeslee Corners	2.07	.....	1.58	.....	2.58	.....	2.44	.....	5.24	.....	2.84	.....	2.62	.....	3.49	....	0.33	.....	7.98	.....	5.23	.....	0.97	.....	37.37	.....
Gouldsboro	2.87	−0.49	1.94	−1.39	3.42	−0.34	3 25	−0.34	6.19	+2.38	3.17	−1.34	5.57	+1.12	2.85	−1.46	0.14	−3.62	7.34	+3.42	5.04	+1.82	1.14	−2.18	42.92	−2.42
Lansford	2.83	+0.11	2.08	−0.66	2.46	−0.87	3.11	−0.29	8.16	+4.71	4.66	+0.19	3.15	−1.24	2.96	−1.69	0.20	−3.53	10.27	+6.37	5 73	+3.14	1.16	−2.27	46.77	+3.97
Mauch Chunk	3.12	−0.12	2.50	−1.01	3.00	−1.16	3.39	−0.66	7.42	+3.86	§	.....	3.79	−0.98	2 84	−2.05	0.20	−3.81	9 48	+5 58	7.02	+3.86	1.06	−2.98	§	§
New Tripoli	3.37	.....	2.07	.....	2.51	.....	2.96	.....	4.91	.....	3.68	.....	3 32	.....	3.32	....	0.13	.....	8.67	.....	3.70	.....	1.08	.....	39.72	.....
Palmerton	2.74	+0.37	2.17	−0.22	1.74	−1.30	2.18	−1.06	5.10	+1.68	5 98	+1.37	3.11	−1.37	3.12	−0.84	0.43	−2.86	6.70	+3.31	3.65	+1.06	0.76	−2.15	36.78	−2.01
Zionsville	3.33	−1.17	2.63	−1.39	3.00	−1.82	3.83	−0.07	6.64	+2.90	4.55	+0.34	7.22	+1.92	2.63	−2.45	0.17	−3.86	9.05	+5.14	4.16	+0.10	1.28	−2.16	48.49	−2.35
SCHUYLKILL																										
Conshohocken	2.46	−0.87	1.61	−1.84	2.44	−0.98	3.56	+0.52	8.03	+4.48	2.70	+0.23	4.46	+0.02	0.78	−3.71	1.16	−1.99	8.62	+5.34	.....	.....	1.30	−2.22	§	.....
Fredericksville	2.40	.....	1.95	.....	2.65	.....	3.13	.....	4.70	.....	5.02	.....	4.25	.....	1.88	.....	0.11	.....	9.65	.....	3.64	.....	1.40	.....	40.78	.....
Freeland	2.70	−0.54	2.55	−0.96	3.14	−1.23	2.27	−2.31	5.84	+2.00	3.41	−1.55	3.14	−1.77	2.74	−1.66	0.36	−3.49	9.84	+5.55	5.41	+2.28	0.87	−3.05	42.27	−6.73
Graterford	2.68	−1.14	2.41	−1.00	3.57	−0.48	3.52	−0.30	10.34	+7.13	4.76	+0.85	4.35	−0 23	2.06	−2.66	0.26	−2.91	8.34	+4.68	3.52	+0.56	1.38	−2.08	47.19	+2.42
Phoenixville	3.42	−0.21	1.67	−1.73	3.07	−0.57	3.52	0.00	7.46	+3.70	4.87	+1.50	1.83	−3.13	2.44	−2.73	0.11	3.94	7.85	+3.88	4.73	+1.92	1 08	−2.53	40.56	−7.40
Port Clinton	3.05	−0.47	2.25	−1.07	2.67	−1.20	3.16	−0.98	6.75	+2.61	4.70	+0.24	1.77	−3.13	1.54	−2.78	0.18	−2.82	7.99	+4 62	4.04	+1.55	1.37	−2.22	38.53	−2.41
Pottstown	2.62	−0.67	1.72	−1.39	3.03	−0.37	3.37	+0.26	6.26	+2.90	4.82	+1.44	1.59	−2.93	1.54	−2.78	0.37	−3.70	9.42	+5.33	5.41	+2.48	1.05	−2.80	47 47	+0.28
Pottsville	2.81	−0.75	1.87	−1.54	2.72	−1.37	3.47	−0.34	6.81	+3.08	5.75	+1.45	4.67	−0.02	3.12	−1.54	1.13	−2.08	6.76	+3.64	3 49	+0.76	1.27	−2.29	33.35	−8.74
Reading	2.46	−1.11	1.73	−1.69	2.67	−0.85	2.90	−0.37	4.36	+0.69	2.43	−1.12	2.48	−1.78	1.67	−2.54	1.13	−2.08	6.76	+3.64	3 49	+0.76	1.27	−2.29	33.35	−8.74
Wernersville	2.43	.....	.....	.....	2.61	.....	3.09	.....	4.82	.....	2.23	.....	4.34	.....	1.87	.....	0 18	.....	8.81	.....	4.77	.....	1.19	.....	§	.....
LOWER DELAWARE																										
Coatesville	3.24	−0 72	1.64	−2.13	3.50	−0.52	3.44	−0.32	5.30	+1.71	4.12	−0.08	2.41	−2.15	1.25	−3.48	0.98	−2.42	7.62	+4.26	3.32	+0.38	1.40	−2.59	38.22	−8.06
Doylestown	2.65	−0.99	1.71	−1.77	2 28	−1.44	2.13	−1.89	5.49	+1.92	4.87	+0.92	4.40	−0.47	2.47	−2.78	0.25	−3.35	6.94	+3.13	2.68	−0.28	1.25	−2.59	37.12	−9.59
George School	2.78	−0.97	1.67	−1.39	2.60	−1 08	2.50	−1.12	5.83	+2.47	2.57	−1.10	3.13	−1.30	1.82	−3 22	2.05	−1.41	6.28	+2.58	3.51	+0.64	1.06	−2.51	35 80	−8.41
Marcus Hook	2.29	−0.99	1.95	−1.01	3.16	−0.26	2.96	−0.44	4.94	+1.82	4.31	+1.46	4.13	−0.08	0.69	−4.86	0.22	−2.71	6.31	+3 39	3.98	+1 25	1.39	−2.15	36.33	−4.58
Philadelphia	3.25	−0.05	1 89	−1.43	2.92	−0.47	2.61	−0.44	5.63	+2 37	4 03	+0.79	3.94	−0.21	0 65	−3.97	1.69	−1.45	5.21	+2.40	3.72	+1.02	1.23	−2.20	36 77	−3.64
Airport Station	3.41	+0.11	1.68	−1.64	3.12	−0.27	2.05	−1.00	6.00	+2.74	3.18	−0.06	4 26	+0.11	0.62	−4.00	1.18	−1.96	5.20	+2.39	2 80	+0 16	1.22	−2.21	34 72	−5.69
City Office	.....	.....	§	.....	3.14	.....	3.37	.....	6.59	.....	4.55	.....	4.84	.....	0.83	.....	0.40	.....	7.44	.....	3 58	.....	1 34	.....	§	.....
Franklin Institute	2 87	−0.43	2 08	−1.10	3.41	−0.06	3.16	−0.17	8.15	+4.87	3.22	−0.20	3.20	−1.09	1.28	−3.83	1.02	−2.14	7 30	+4.05	4.17	+1.34	1.31	−2.22	41 17	−0.98
Shawmont	2.96	−0.86	1.71	−1.60	3.14	−0.65	2 96	−1.10	7.35	+3.99	4.15	+0.24	5.45	+0.77	3.23	−1 86	0.17	−3.72	7.75	+3.83	3 56	+0.42	1.20	−2.76	43 63	−3.30
Quakertown	2.63	−1.19	1.92	−1.58	2.82	−1.01	3.50	−0.24	7.66	+3.78	2.68	−1 87	2.99	−1.65	0.91	−4.09	0.53	−2.99	7.10	+3.48	3.14	+0.06	1.38	−2.42	37.26	−9.72
West Chester	2.32	−0.90	1.95	−0.48	3.49	−0.40	3.50	+0.17	6.59	+3.04	4.28	+0.38	3.78	−1.28	0.43	−4.71	0.28	−2.89	6 88	+3.10	3.39	+0.51	1.54	−1.31	38.43	−4.77
Westgrove	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Susquehanna Basin																										
CHEMUNG																										
Austinsburg	1.52	.....	1.31	.....	2.51	.....	4.56	.....	4.62	.....	3.01	.....	§	.....	§	.....	1.03	.....	5.30	.....	1.95	.....	0.69	.....	§	.....
Centerville	1.59	.....	1.01	.....	2.28	.....	§	.....	7.12	.....	2.74	.....	3.22	.....	2.63	.....	1.42	.....	6 42	.....	2 65	.....	0 69	.....	§	.....
Covington	1.40	.....	0.98	.....	1.97	.....	4.73	.....	7.83	.....	2.33	.....	3.44	.....	2.54	.....	0.40	.....	6.44	.....	2 29	.....	0.79	.....	35.14	.....
Lawrenceville	1.76	−0.21	0.49	−1.34	2.13	−0.17	3.87	+0.89	5.94	+2.14	2.08	−1.84	3.16	−0.94	3.69	+0.22	1.08	−1.93	5.60	+2.77	2.01	−0.26	0.61	−1.37	32.42	−2.04
NORTH BRANCH																										
Canton	2.03	.....	1.34	.....	2.48	.....	4.00	....	5 68	.....	2.49	.....	5.25	.....	3.72	.....	0.28	.....	6.56	.....	3.09	.....	0.86	.....	37.78	.....
Danville	2.37	.....	1.71	.....	2.80	.....	3.37	...	7 21	.....	3.63	.....	4 70	.....	3.44	.....	0 63	.....	8 79	.....	2.49	.....	1 10	.....	42.24	.....
Kellogg Mt. Tower	1.92	.....	0.96	.....	2.51	.....	3.23	.....	4.85	.....	2.21	.....	3.66	.....	2.73	.....	0 21	.....	8.65	.....	2.87	.....	0.82	.....	34.62	.....
Millville	1.86	.....	1.65	.....	2.51	.....	§	.....	§	.....	4.51	.....	2.14	.....	3.20	.....	0.84	.....	7 22	.....	2.65	.....	§	.....	§	.....
Montrose	2.09	−0.36	1.69	−0.39	3.68	+1.01	3.82	+0.60	8.06	+4.23	2.37	−1.75	4.35	+0.25	8.43	−0.64	0 61	−3.15	6 67	+3.11	3.76	+1.11	0 89	−1.68	41.42	+2.34
Orwell	2.00	.....	1.12	....	2.65	.....	4.22	.....	8.41	.....	1.91	.....	4 89	.....	3.10	.....	0.59	.....	8.64	.....	2.95	.....	0 83	.....	41 31	.....
Park Place	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4 68	.....	4.81	.....	2 75	.....	1.22	.....	10.12	.....	5.03	.....	0.83	.....	§	.....
Pikes Creek	2.47	.....	2.13	.....	3.42	.....	4.02	.....	4.66	.....	3.99	.....	5.33	.....	2.58	.....	0.75	.....	9.05	.....	4.27	.....	0.88	.....	43.55	.....
Rush	1.54	.....	1.70	.....	3.69	.....	3.58	.....	6.09	.....	2.66	.....	3.43	.....	3.03	....	0 89	.....	7.99	.....	3.51	.....	0 93	.....	39.04	.....
Scranton	2.11	−0.92	0.88	−2.16	3.21	+0.01	2 15	−0 62	4 25	+0.98	3.11	−0.56	3.04	−0 99	2.83	−0.86	0.52	−2.65	6.49	+3.46	3.14	+0.37	0.79	−2.23	32 52	−6.17
Susquehanna	1.97	.....	1.50	.....	2.98	.....	3 24	.....	6.83	.....	5.43	.....	3.96	.....	2.56	.....	0.57	.....	5.21	.....	4.52	.....	0 74	.....	39.51	.....
Towanda	1.57	−0.57	0.97	−1.02	2.64	+0.05	3 15	+0.06	5.78	+2 42	2.33	−1.49	3.73	−0.07	2.27	−1.16	0.36	−2.83	6.64	+3.73	2.80	+0.66	0.69	−1.50	32.93	−1.72
Tunkhannock	2.02	.....	1.16	.....	2 89	.....	3.53	.....	4.37	.....	1.95	.....	4.05	.....	2.22	.....	0.51	.....	6.99	.....	3.65	.....	0.88	.....	34.22	.....
Wilkes-Barre	§	.....	1.30	−1.28	2.25	−0.66	2.53	−0.40	5.99	+2.84	2.97	−1.01	3.25	−0.82	3.25	−0.53	0.57	−2.90	9.98	+6.88	3.59	+1.37	0.79	−1.94	§	.....
WEST BRANCH																										
Ansonia	1.53	−0.56	0.78	−1.18	1.54	−0.88	4.23	+0.89	5.03	+1.39	2.83	−1.01	3.61	+0.09	4.02	+0.52	0.72	−2.17	5.41	+2.23	2.66	+0.37	0.68	−1.55	33 04	−1.86
Bald Eagle	2.81	.....	1.13	.....	§	.....	5.22	.....	4.80	.....	1.87	.....	3.90	.....	2.84	.....	0.17	.....	3.92	....	2.83	.....	1.20	.....	§	.....
Carter Camp	2.33	.....	0.87	.....	2.68	.....	6.08	.....	5 95	.....	§	.....	5.05	.....	5.42	.....	1.86	.....	5.65	.....	3.22	.....	1.11	.....	§	.....
Cedar Run	1.86	−0.99	1.58	−0 91	2.47	−0.65	5.53	+1.68	6.89	+2.93	5.41	+1 56	3.15	−0.69	3.46	+0.43	1.07	−1.51	6.75	+3.29	3.49	+0.80	0.97	−1.65	42.63	+4.29
Clearfield	3.83	+0.32	2.87	+0.08	3.38	−0.30	5.69	+2.10	6.94	+2.57	4.44	−0.17	4.86	+0.30	2.17	−1.95	1.17	−2.14	2.82	−0.57	3.27	+0.30	1.29	−1.79	42 73	−1.25
Curwensville	3.71	.....	3.06	.....	3.58	.....	6.53	.....	8.55	.....	3.75	.....	6.30	.....	2.71	.....	1.24	.....	3.72	.....	3.54	.....	1.96	.....	48 65	.....
Driftwood	2.43	.....	1.17	.....	2.61	.....	6.64	.....	4.93	.....	4.14	.....	3.75	.....	3.58	.....	2.88	.....	4.02	.....	2.74	.....	0.95	.....	39.84	.....
Du Bois-7 E	2.24	−0.71	1.44	−1.72	2.76	−0.36	4.80	+1.30	7.48	+3.36	4 40	+0.01	4.80	+0.51	2.80	−0.61	0 75	−2.54	3.04	+0.25	2.69	−0.14	1.17	−1.76	38.37	−2.41
Dushore	§	.....	§	.....	3.12	.....	3.96	.....	5.96	.....	3.03	.....	4.66	.....	3.14	.....	0.73	.....	§	.....	2.81	.....	1.13	.....	§	.....
Eagles Mere	2.75	.....	2.25	.....	4.34	.....	4.97	.....	5.42	.....	4.57	.....	4.70	.....	3.42	.....	0.16	.....	9.05	.....	3.35	.....	1.14	.....	46.12	.....

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Monthly and Annual Precipitation for the Year 1943, with Departures from the Norms.—Continued

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
WEST BRANCH (continued)																										
Emporium	.....	.....	.....	.....	.....	.....	‖5.43	+1.74	6.25	+2.06	4.78	+0.44	3.12	−1.29	2.84	1.14	0.82	−2.66	‖3.28	+0.05	‖2.9	+0.06	§	.....	§	.....
Eng ish Center	§	.....	1.16	.....	§	.....	5.31	.....	4.80	.....	2.73	.....	§	.....	§	.....	0.34	.....	6.69	.....	3.09	.....	0.92	.....	§	.....
Galeton	2.09	−0.46	1.05	−0.82	2.55	−1.11	4.33	+1.35	5.77	+2.19	3.32	+0.03	4.44	+0.69	4.72	+0.69	1.23	−1.86	6.01	+2.91	2.94	+0.06	0.75	−1.70	39.20	−1.97
Karthaus	2.88	.....	1.58	.....	2.39	.....	4.81	.....	6.04	.....	3.12	.....	4.98	.....	2.61	.....	0.74	.....	3.68	.....	3.20	.....	1.13	.....	37.16	.....
Lock Haven	2.32	−0.82	1.39	−1.15	2.40	−0.97	4.80	+1.22	5.23	+1.18	3.83	−0.43	4.76	+0.76	3.70	−0.31	0.33	−2.75	7.41	+4.28	2.68	+0.57	0.85	−2.00	39.70	+0.42
Medix Run	2.21	.....	1.34	.....	2.59	.....	5.29	.....	5.43	.....	3.91	.....	4.44	.....	6.13	.....	1.43	.....	3.50	.....	2.66	.....	1.22	.....	40.18	.....
Philipsburg-7 E.	2.93	.....	1.97	.....	1.92	.....	7.00	.....	5.37	.....	1.89	.....	3.57	.....	2.62	.....	0.72	.....	5.12	.....	4.56	.....	1.97	.....	38.64	.....
Renovo	2.52	−0.93	1.30	−1.02	2.49	−0.54	5.89	+2.55	4.29	+0.44	4.50	+0.27	3.64	−0.49	3.74	+0.20	0.98	−1.98	5.58	+2.55	3.19	+1.04	0.77	−1.78	39.66	+1.01
Shaffers Path	1.75	.....	1.35	.....	3.15	.....	4.23	.....	5.74	.....	3.65	.....	3.63	.....	4.58	.....	0.29	.....	8.01	.....	3.78	.....	0.97	.....	41.18	.....
State College	2.09	−0.99	0.99	−1.48	2.26	−1.08	4.13	+0.83	3.67	−0.22	1.50	−2.62	4.81	+0.95	3.08	−0.40	0.35	−2.55	4.61	+1.59	2.46	+0.15	0.87	−1.80	31.12	7.62
Tamarack Tower	2.52	.....	1.50	.....	2.62	.....	5.48	.....	5.43	.....	5.12	.....	2.84	.....	4.41	.....	1.92	.....	5.30	.....	3.40	.....	0.87	.....	41.41	.....
Wellsboro	1.39	−0.97	0.85	−1.17	1.71	−0.95	4.00	+0.94	4.87	+1.47	2.52	−1.21	3.41	+0.21	3.26	+0.08	0.87	−2.08	6.30	+3.27	2.51	+0.29	0.45	−1.69	32.05	−1.81
Williamsport	1.98	0.98	1.43	−1.07	2.86	−0.36	4.56	+0.92	5.35	+1.52	3.08	−0.78	3.60	−0.24	3.70	−0.03	0.16	−2.88	8.29	+5.07	3.15	+0.78	0.86	−2.03	39.02	−0.08
JUNIATA																										
Altoona	4.51	+1.51	1.68	−0.65	2.88	−0.40	5.05	+1.53	5.65	+1.63	3.01	−0.84	6.43	+2.43	1.88	−1.61	0.61	−2.34	3.88	+0.69	2.74	+0.32	1.17	−1.57	39.49	+0.70
Bedford	3.26	+0.17	1.16	−0.73	2.28	−1.56	‖4.95	+1.51	‖6.42	+1.85	1.98	2.01	§	.....	1.29	−2.10	§	.....	4.18	+1.14	1.82	−0.49	§	.....	§	.....
Breezewood Intchg	§	.....	4	.....	2.00	.....	3.65	.....	5.37	.....	2.58	.....	2.82	.....	0.73	.....	0.24	.....	3.70	.....	1.90	.....	0.94	.....	§	.....
Buffalo Mills	3.60	+0.86	0.74	−1.59	2.14	−1.08	4.10	+0.55	5.39	+2.20	0.99	−2.72	3.61	−0.01	1.10	−1.92	0.29	−2.25	3.33	+0.76	1.79	−0.69	0.94	−1.06	28.02	−6.95
Burnt Cabins	1.75	.....	0.97	.....	2.23	.....	3.59	.....	4.68	.....	2.48	.....	5.06	.....	2.07	.....	0.34	.....	6.06	.....	2.93	.....	0.68	.....	32.84	.....
Charter Oak	2.58	.....	0.92	.....	2.04	.....	5.31	.....	5.05	.....	1.50	.....	4.21	.....	3.92	.....	0.20	.....	3.86	.....	2.13	.....	0.99	.....	32.68	.....
East Waterford-3 E	3.32	.....	1.30	.....	2.13	.....	4.39	.....	6.81	.....	3.05	.....	4.76	.....	3.08	.....	0.15	.....	7.38	.....	3.01	.....	0.95	.....	40.33	.....
Everett	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.73	−1.22	0.55	−3.29	0.05	−2.95	4.19	+1.53	1.89	−0.12	1.06	−1.87	§	.....
Huntingdon	2.71	−0.49	1.37	−1.32	2.06	−1.40	4.05	+0.56	5.70	+1.95	2.06	−2.06	6.12	+2.06	1.85	−2.03	0.37	−2.72	3.68	+0.61	2.24	+0.01	0.99	−1.93	33.20	−6.76
Lewistown	2.37	.....	1.65	.....	‖1.86	.....	‖4.71	.....	5.27	.....	‖4.10	.....	4.40	.....	1.92	.....	0.52	.....	‖6.32	.....	2.13	.....	‖0.80	.....	36.05	.....
Loop Mt. Tower	3.19	.....	1.32	.....	2.47	.....	4.31	.....	5.90	.....	2.13	.....	7.47	.....	2.14	.....	0.53	.....	4.93	.....	2.80	.....	1.15	.....	38.34	.....
Mapleton Depot	3.53	.....	1.06	.....	2.31	.....	4.11	.....	4.25	.....	2.12	.....	7.86	.....	2.17	.....	0.53	.....	4.88	.....	1.63	.....	0.85	.....	34.80	.....
Martinsburg	3.81	.....	1.09	.....	1.72	.....	4.37	.....	4.85	.....	1.25	.....	4.98	.....	2.34	.....	0.22	.....	3.11	.....	1.28	.....	0.91	.....	29.83	.....
Newport	2.65	−0.30	1.34	−1.00	2.37	−1.21	4.32	+0.84	5.95	+2.02	2.36	−1.29	4.14	−0.30	1.76	−2.31	0.04	−3.09	8.31	+4.18	2.72	−0.28	0.96	−2.05	36.92	−4.79
Saxton	3.25	.....	1.06	.....	2.29	.....	4.30	.....	4.85	.....	2.06	.....	6.47	.....	2.17	.....	0.29	.....	3.56	.....	1.83	.....	1.00	.....	33.13	.....
Shade Gap	2.43	.....	§	.....	2.25	.....	3.99	.....	.....	.....	§	.....	3.13	.....	2.16	.....	0.33	.....	5.11	.....	2.21	.....	0.94	.....	§	.....
LOWER SUSQUEHANNA																										
Arendtsville	2.64	−0.36	1.49	−1.35	2.79	−0.69	3.20	−0.35	6.45	+2.61	2.81	−2.28	1.54	−2.34	1.21	−3.54	0.46	−3.20	6.17	+2.67	4.69	+2.31	1.30	−1.92	34.75	−8.44
Bloserville	3.71	+0.54	1.26	−1.27	2.05	−1.12	4.08	+0.52	8.51	+4.17	2.62	−2.70	5.84	+1.04	4.56	−1.25	0.24	−3.35	7.56	+3.97	3.00	+0.43	1.12	−1.60	44.55	−0.62
Blue Mt. Intch	2.78	.....	1.42	.....	2.01	.....	3.86	.....	4.93	.....	1.44	.....	3.71	.....	2.14	.....	0.35	.....	4.97	.....	2.80	.....	0.87	.....	31.28	.....
Carlisle	3.18	0.00	1.43	−1.82	2.81	−0.50	4.25	+0.89	5.25	+1.87	1.95	−1.91	5.09	+1.26	3.22	−1.50	0.41	−2.31	7.32	+3.93	2.37	+0.05	1.17	−1.93	38.45	−1.97
Columbia	.....	.....	.....	.....	.....	.....	.....	.....	4.97	.....	5.05	.....	4.25	.....	1.63	.....	0.37	.....	8.39	.....	3.72	.....	1.13	.....	§	.....
Ephrata	2.33	−0.74	1.84	−1.11	2.62	−0.71	2.29	−0.91	4.06	+1.02	3.46	−0.80	3.04	−1.34	1.28	−2.98	0.13	−3.24	7.12	+4.02	3.78	+1.52	1.14	−1.98	33.09	−7.25
Glen Rock	2.80	.....	1.38	.....	2.83	.....	§	.....	5.19	.....	2.03	.....	§	.....	1.66	.....	0.97	.....	7.63	.....	§	.....	1.45	.....	§	.....
Gordon	2.24	−1.53	1.92	−1.35	3.05	−0.84	3.58	−0.62	6.16	+2.24	6.38	+1.95	3.69	−1.17	3.49	−0.67	0.45	−3.58	10.11	+5.79	5.92	+2.74	1.00	−2.72	47.99	+0.24
Hanover	2.99	−0.16	1.25	−1.56	3.14	−0.17	3.20	−0.13	6.37	+3.00	1.57	2.44	3.57	−0.62	2.04	−2.48	0.70	−2.34	8.03	+5.09	3.67	+1.41	1.30	−1.75	37.83	−2.15
Harrisburg Airport	2.33	−0.76	1.42	−1.54	2.69	−0.35	3.28	+0.59	6.24	+2.80	2.32	−1.27	2.05	−1.78	1.68	−2.36	0.85	−2.20	6.82	+3.89	3.72	+1.46	1.06	−1.96	34.46	−3.48
Holtwood	2.59	−0.57	1.20	−1.52	3.27	+0.25	2.67	−0.17	4.29	+1.52	2.08	−1.13	4.65	+0.88	1.46	−2.46	0.30	−2.46	6.67	+3.86	2.77	+0.58	1.24	−1.44	33.19	−2.66
Huntsdale	2.56	.....	1.09	.....	2.10	.....	4.25	.....	4.91	.....	2.52	.....	2.72	.....	2.60	.....	0.26	.....	7.46	.....	2.33	.....	1.08	.....	33.88	.....
Kirkwood	.....	.....	.....	.....	.....	.....	3.01	.....	§	.....	§	.....	4.73	.....	§	.....	§	.....	.....	.....	3.85	.....	1.06	.....	§	.....
Lancaster	2.26	−0.93	1.94	−0.73	2.84	−0.48	2.91	−0.35	6.46	+3.51	3.41	−0.65	4.17	−0.11	1.38	−2.70	0.18	−3.19	7.46	+4.37	3.70	+1.32	1.19	−2.00	37.90	−1.94
Lebanon	2.44	−0.90	1.59	−1.54	2.55	−0.93	2.97	−0.52	6.45	+3.19	3.86	−0.49	2.23	−2.14	2.22	−2.21	0.38	−3.03	8.84	+5.45	3.51	+1.00	1.11	−2.23	38.15	−4.35
Manada Gap	2.51	.....	1.51	.....	4.39	.....	4.33	.....	‖6.15	.....	3.12	.....	3.03	.....	1.95	.....	0.38	.....	8.86	.....	5.23	.....	1.07	.....	42.58	.....
Middletown	2.35	−0.48	†	.....	2.63	−0.93	3.60	+0.22	6.46	+2.85	3.25	−0.58	2.56	−0.93	2.44	−1.98	0.95	−2.58	5.73	+1.95	4.01	+1.59	1.27	−1.12	§	§
Millersburg	2.15	.....	1.46	.....	2.33	.....	3.47	.....	4.89	.....	2.73	.....	4.57	.....	1.69	.....	0.66	.....	6.68	.....	2.21	.....	1.17	.....	34.01	.....
New Park	3.41	−0.12	1.81	−1.25	3.40	0.00	3.30	−0.21	‖5.77	+2.49	3.02	−0.60	5.74	+1.70	1.58	−2.89	0.43	−2.83	8.73	+5.58	3.96	+1.66	1.36	−1.84	42.51	+1.69
Penn Nursery	§	.....	1.58	.....	2.42	.....	5.17	.....	4.32	.....	1.39	.....	‖4.28	.....	2.52	.....	0.25	.....	‖6.81	.....	3.77	.....	1.24	.....	§	.....
Peters Mt. Tower	3.41	.....	1.29	.....	2.32	.....	3.39	.....	5.84	.....	2.30	.....	4.58	.....	1.74	.....	0.20	.....	8.37	.....	3.15	.....	1.07	.....	37.66	.....
Pine Grove	3.09	−0.41	1.80	−1.34	3.04	−0.62	3.48	−0.46	7.10	+3.40	5.20	+0.56	2.78	−1.70	1.81	−2.07	0.39	−3.33	10.68	+6.79	5.34	+2.54	1.09	−3.02	45.80	+0.34
Ringtown-1 SW	2.08	−1.91	2.17	−1.45	2.52	−1.75	†	.....	7.33	+3.54	6.35	+1.61	5.40	+0.29	3.03	−1.79	0.22	−3.92	10.19	+5.85	5.02	+1.94	0.87	−3.13	§	.....
Selinsgrove	3.30	+0.28	1.52	−1.25	2.72	−0.80	4.83	+1.16	5.87	+2.17	3.55	−0.58	3.09	−0.95	2.40	−1.44	0.84	−2.47	7.72	+4.15	2.88	+0.41	1.10	−1.91	39.82	−1.23
Shippensburg	3.00	−0.08	1.44	−0.97	2.39	−1.07	2.43	−1.21	5.38	+1.73	2.04	−1.52	3.31	−0.58	0.87	−3.40	0.12	−3.20	5.01	+1.29	3.10	+0.26	1.11	−1.98	30.20	−10.73
Sunbury	3.07	−0.16	1.83	−1.00	2.70	−0.57	4.61	+1.05	7.16	+3.24	3.40	−0.90	3.91	−0.41	3.85	+0.05	0.57	−2.74	8.77	+5.45	2.69	+0.42	1.32	−1.60	43.88	+2.83
Woodward	2.89	.....	1.41	.....	2.08	.....	4.56	.....	3.59	.....	3.02	.....	6.12	.....	2.93	.....	0.65	.....	8.28	.....	2.96	.....	0.74	.....	39.23	.....
York	2.52	−0.55	1.10	−1.65	2.91	−0.20	2.87	−0.32	5.15	+2.13	2.60	−1.15	3.10	−1.12	3.04	−1.02	0.46	−2.57	8.07	+5.03	3.90	+1.67	1.31	−1.62	37.03	−1.87
York Haven	2.24	−0.62	1.26	−1.49	2.54	−0.29	3.05	−0.17	5.85	+2.80	2.23	−1.56	2.03	−2.61	2.67	−1.35	0.33	−2.94	7.91	+4.90	3.10	+1.00	1.29	−1.70	34.50	−4.03
Potomac Basin																										
Chambersburg	2.74	−0.24	1.29	−1.37	2.64	−0.63	3.13	−0.11	6.43	+3.04	4.71	+0.49	2.72	−1.28	1.64	−2.18	0.16	−2.81	4.62	+1.55	2.96	+0.71	1.22	−1.74	34.26	−4.73
Gettysburg	2.40	−0.93	1.30	−1.46	2.93	−0.59	2.58	−1.05	7.27	+3.58	1.70	−2.69	2.53	−1.83	1.59	−2.73	0.46	−3.13	5.95	+2.55	4.60	+2.20	1.26	−1.90	34.57	−7.98
Hewitt-2 S.	3.44	.....	0.83	.....	2.71	.....	3.42	.....	4.74	.....	0.90	.....	1.27	.....	0.81	.....	0.23	.....	3.41	.....	1.74	.....	1.00	.....	24.50	.....
Hyndman	3.01	−0.05	0.75	−1.83	2.24	−1.02	3.72	+0.30	3.81	+0.89	0.71	−3.57	2.14	−0.93	1.14	−2.43	0.26	−2.61	3.18	+0.40	1.73	−0.31	0.80	−1.87	23.49	−13.03
McConnellsburg	2.32	.....	0.88	.....	2.49	.....	3.51	.....	6.60	.....	3.38	.....	3.79	.....	0.91	.....	0.60	.....	5.82	.....	2.17	.....	1.01	.....	33.43	.....
Mercersburg	§	.....	1.02	.....	2.49	.....	4.40	.....	7.32	.....	4.16	.....	§	.....	§	.....	0.43	.....	4.86	.....	2.62	.....	1.35	.....	§	.....
South Mountain	3.10	.....	‖1.24	.....	3.67	.....	3.43	.....	6.15	.....	2.51	.....	2.77	.....	2.05	.....	0.28	.....	5.15	.....	3.34	.....	0.98	.....	34.67	.....
GULF DRAINAGE *Ohio Basin*																										
ALLEGHENY																										
Acmetonia	2.36	−1.05	1.78	−0.84	3.13	−0.61	3.33	+0.03	5.26	+1.65	1.95	−2.57	7.18	+3.06	5.22	+1.21	1.44	−1.50	4.06	+1.10	1.74	−0.85	1.05	−2.09	38.50	−2.46
Allens Mills	3.34	.....	2.32	.....	3.02	.....	5.99	.....	6.47	.....	4.94	.....	3.54	.....	3.89	.....	1.00	.....	3.17	.....	2.55	.....	1.54	.....	41.77	.....
Blairsville	3.32	.....	1.93	.....	2.08	.....	4.15	.....	7.33	.....	4.21	.....	6.55	.....	3.19	.....	1.03	.....	3.79	.....	2.29	.....	1.37	.....	41.24	.....
Boswell-6 W	4.39	.....	2.37	.....	2.93	.....	5.93	.....	9.24	.....	2.80	.....	3.63	.....	2.74	.....	0.58	.....	4.49	.....	2.73	.....	1.78	.....	43.61	.....
Bradford	2.46	−1.16	2.79	+0.17	2.75	−0.80	6.20	+2.40	7.14	+3.24	6.18	+2.11	4.61	+0.17	4.66	+0.98	1.51	−2.48	3.91	+0.60	2.88	−0.31	1.05	−2.12	46.14	+2.80
Brookville	1.97	−1.26	1.62	−0.51	2.29	−1.05	4.95	+2.05	6.93	+3.51	2.47	−1.87	3.43	−0.73	2.52	−1.32	0.70	−2.43	3.20	−0.07	1.76	−1.13	1.34	−1.68	33.09	−6.49
Buckstown	3.47	.....	1.28	.....	2.41	.....	4.62	.....	5.91	.....	1.28	.....	3.39	.....	0.81	.....	0.34	.....	3.39	.....	1.67	.....	1.18	.....	29.85	.....
Cherry Grove	2.77	.....	2.76	.....	3.22	.....	4.73	.....	8.15	.....	4.85	.....	4.93	.....	2.80	.....	2.03	.....	4.96	.....	2.08	.....	1.27	.....	44.55	.....
Clarion	3.01	−0.84	‖2.90	+0.31	3.66	−0.02	4.63	+1.09	7.42	+3.68	3.28	−0.88	3.11	−1.28	3.06	−1.18	1.31	−2.20	3.78	+0.54	1.81	−1.52	1.07	−2.45	39.04	−4.75

[Continued on page 98].

Monthly and Annual Precipitation for the Year 1943, with Departures from the Normal.—Continued

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ALLEGHENY (continued)																										
Coudersport	2.60	−0.48	2.15	−0.73	2.60	−1.13	6.74	+2.44	7.77	+3.43	3.92	−0.71	4.73	+0.20	5.66	+2.17	1.11	−2.05	4.10	+0.46	2.68	−0.02	0.94	−2.02	45.00	+1.56
Derry	3.43	−0.45	2.02	−1.00	2.28	−1.58	3.94	+0.21	9.30	+5.66	4.93	−0.01	6.43	+1.96	3.22	−0.85	0.81	−2.33	3.99	+0.75	2.55	−0.08	1.47	−1.83	44.37	+0.45
Donegal																	0.49		3.13		2.37		1.86		§	
Dunlo	3.82		§		§		5.08		5.94		1.99		4.47		2.03		0.42		3.51		1.84		1.41		§	
Ebensburg	3.80	+0.21	1.77	−0.94	2.53	−1.11	4.57	+1.37	8.57	+4.23	3.12	−1.72	4.42	+0.26	2.62	−1.40	0.74	−2.76	3.62	+0.30	2.75	−0.13	1.18	−1.80	39.69	−3.49
Ford City	1.79		1.20		2.48		3.27		5.28		4.79		3.83		2.25		1.25		3.18		1.57		1.11		32.00	
Franklin	1.77	−1.65	2.63	+0.14	2.36	−0.99	3.93	+0.43	4.75	+0.87	4.85	+0.72	4.32	+0.05	4.94	+1.25	0.88	−2.51	4.00	+0.71	1.48	−1.45	1.00	−2.18	36.91	−4.61
Glen Hazel-1 NE	2.77		2.39		2.81		5.49		7.98		6.01		4.72		3.17		1.03		3.12		2.62		1.18		43.29	
Home	2.71		1.89		3.06		4.41		6.35		4.80		‖3.14		2.48		1.19		3.12		2.54		1.04		36.68	
Indiana	2.83	−0.93	1.97	−0.89	2.56	−1.19	4.44	+0.56	7.67	+3.56	4.72	−0.03	4.93	+0.24	3.66	−0.26	0.68	−2.97	3.86	+0.35	2.33	−0.44	1.28	−2.05	40.93	−4.05
Johnstown	3.83	−0.49	2.76	−0.72	3.02	−1.48	5.28	+1.33	7.96	+3.87	2.97	−2.23	6.04	+1.75	1.74	−2.78	0.94	−2.30	3.57	+0.31	2.47	−0.41	1.70	−2.07	42.28	−5.22
Kane	2.75	−1.33	2.85	−0.27	2.57	−1.55	3.63	+0.05	8.08	+3.95	5.07	+0.30	3.67	−0.02	2.84	−1.15	1.07	−2.43	3.45	+0.02	2.71	−0.47	1.19	−3.47	39.88	−6.37
Laurel Hill Tunnel	4.85		2.40		3.08		6.14		9.41		3.02		5.40		5.37		1.39		4.42		2.30		3.23		51.01	
Lycippus	4.09	−0.04	2.66	−0.47	3.14	−0.79	4.40	+0.58	8.18	+4.20	4.56	−0.32	5.19	+0.53	6.37	+1.95	1.05	−2.23	3.02	−0.38	2.59	−0.06	1.79	−1.76	47.04	+1.19
Marienville									6.22		3.45		§		‖3.34		0.79		4.04		§		§		§	
Meadville	2.19	−1.15	2.68	+0.16	2.89	−0.49	3.53	0.00	5.00	+0.89	4.43	+0.37	5.81	+1.84	1.62	−1.91	2.52	−1.18	4.08	+0.31	1.70	−1.84	1.21	−1.97	37.66	−4.97
Mosgrove	2.39	−1.44	2.24	−0.50	3.34	−0.33	3.93	+0.60	6.02	+0.87	2.91	−1.69	3.46	−1.10	1.79	−2.34	1.40	−1.79	3.75	+0.66	2.31	−0.18	1.24	−2.23	34.78	−9.47
Parkers Landing	2.64	−1.03	3.03	+0.22	3.08	−0.67	3.83	+0.25	6.03	+2.36	3.62	−0.50	3.95	−0.08	2.08	−1.85	0.78	−2.41	3.75	+0.78	1.91	−1.06	1.26	−2.23	35.96	−6.22
Pittsburgh W. B. O.	2.51	−0.54	1.87	−0.75	3.06	+0.03	2.81	−0.11	4.73	+1.52	1.62	−2.19	7.96	+3.91	2.19	−1.04	0.73	−1.85	3.93	+1.41	0.99	−1.30	1.15	−1.71	33.55	−2.62
Port Allegany	2.06		1.54		2.59		5.47		7.16		3.19		3.11		5.04		0.63		3.48		2.21		0.60		37.08	
Punxsutawney	2.88	−0.12	1.88	−0.44	3.10	−0.20	4.51	+1.21	6.41	+2.83	3.19	−1.23	5.99	+2.10	3.02	−0.47	0.93	−2.39	2.83	−0.22	2.32	−0.09	1.30	−1.66	38.36	−0.68
Putneyville	2.53		2.16		3.41		4.45		6.11		3.13		4.02		1.99		0.76		3.33		2.32		1.31		35.52	
Ridgway	2.29	−0.86	1.85	−0.52	2.67	−0.58	4.65	+1.62	7.86	+4.30	5.05	+0.67	4.54	+0.79	2.85	−0.57	0.66	−2.33	3.31	+0.18	2.54	−0.16	1.24	−2.53	39.51	+0.01
Saltsburg	2.95	−0.57	1.68	−1.13	2.91	−0.28	4.29	+1.04	5.76	+2.42	3.35	−1.06	5.87	+1.84	3.21	−0.69	0.89	−2.62	3.09	−0.07	1.86	−0.49	1.26	−1.84	37.12	−3.45
Seward	3.22		1.84		2.74		4.56		7.32		5.55		7.89		2.48		0.93		3.18		2.41		1.49		43.61	
Smethport	2.07		1.70		2.46		5.17		7.35		4.71		4.88		4.32		0.74		§		1.91		0.81		§	
Strongtown	3.01		2.08		2.78		4.99		6.83		5.56		3.81		2.90		1.19		§		1.81		1.54		§	
Tionesta Dam	2.67		2.80		3.03		4.39		5.12		3.84		6.12		3.56		1.45		4.59		1.52		1.16		40.25	
Titusville	2.58		2.68		2.58		3.76		5.24		‖4.13		5.98		2.95		1.45		3.07		1.38		‖1.22		37.02	
Union City	2.08		2.25		2.65		4.45		6.13		3.61		‖5.88		3.74		1.39		4.82		2.15		0.61		39.76	
Vandergrift	1.86	−1.37	1.51	−1.30	2.87	−0.65	4.17	+1.32	6.90	+3.64	3.24	−1.00	6.85	+2.48	1.97	−1.93	0.97	−2.15	3.38	+0.39	1.55	−0.99	1.27	−1.71	36.54	−3.27
Warren	2.73	−0.24	3.33	+0.99	3.37	+0.05	4.62	+1.00	9.93	+5.91	4.43	−0.04	4.34	−0.06	5.04	+1.29	1.98	−1.71	5.82	+2.30	2.27	−1.09	1.93	−1.15	49.79	+7.25
Youngsville	2.86		2.77		‖2.92		§		6.78		4.27		4.78		3.42		0.82		4.36		2.70		§		§	
MONOGAHELA																										
Confluence	3.86	−0.12	1.31	−1.62	2.58	−1.27	4.39	+0.70	5.41	+1.42	2.01	−2.67	5.41	+0.83	3.73	−0.64	0.51	−2.59	3.11	+0.06	2.40	−0.31	1.39	−2.16	36.11	−8.37
Connellsville	3.12		1.18		2.23		4.43		7.19		2.26		4.17		3.51		1.25		2.18		1.89		0.75		34.16	
Donora	2.46	−0.26	1.34	−0.90	2.75	−0.76	3.44	+0.29	6.94	+3.85	1.39	−1.97	4.20	+0.43	3.33	−0.09	0.46	−2.31	2.71	+0.07	1.84	−0.33	1.28	−1.31	32.14	−3.29
Greensboro	3.19	−0.16	1.13	−1.46	2.81	−0.85	4.45	+1.18	5.88	+2.19	3.26	−1.38	6.12	+1.69	4.59	+0.95	0.55	−2.58	2.23	−0.77	2.21	−0.39	0.95	−2.20	37.37	−3.78
Greensburg	3.60	+0.17	2.44	−0.31	2.59	−0.83	4.14	+0.74	6.63	+2.85	2.30	−2.09	6.18	+2.41	6.53	+2.42	1.68	−1.24	2.78	−0.14	2.08	−0.32	1.34	−1.71	42.29	+1.95
Irwin	3.23	+0.29	1.87	−0.48	3.09	−0.13	3.30	+0.17	7.68	+4.45	3.01	−1.38	5.60	+1.86	3.66	−0.12	0.76	−1.99	3.09	+0.22	2.09	−0.20	1.36	−1.59	38.68	+1.10
Meyersdale	3.52		1.03		2.15		3.74		8.10		1.20		3.87		3.18		0.26		2.64		1.55		1.04		32.23	
Murrysville	2.46		1.22		3.02		2.84		5.80		3.17		7.57		2.20		0.81		3.44		1.63		1.20		35.36	
Newell	2.48	−0.49	§		2.37	−0.74	3.57	+0.72	5.92	+2.81	2.01	−1.84	9.66	+6.16	2.57	−1.07	1.03	−1.65	2.52	−0.04	1.82	−0.35	1.34	−1.23	§	
Pittsburgh (Airport)	2.93	−0.12	1.72	−0.90	3.26	+0.28	2.38	−0.54	5.63	+2.42	1.89	−1.92	7.99	+3.94	1.89	−1.34	0.71	−1.87	3.58	+1.06	1.58	−0.71	1.14	−1.72	34.70	−1.47
Rices Landing											1.90		6.39		2.66		1.13		3.15		1.58		1.17		§	
Somerset	4.03	−0.80	1.25	−2.65	2.63	−2.09	4.55	−0.24	6.84	+2.46	2.03	−3.61	6.90	+2.01	2.14	−2.77	0.33	−3.27	2.95	−0.26	1.90	−1.28	1.52	−2.56	37.07	−15.06
Springs	3.99	−0.15	1.74	−1.45	2.27	−2.04	4.72	+0.73	5.28	+1.33	3.04	−2.15	4.35	−0.37	2.39	−1.89	0.34	−2.57	2.86	−0.84	2.21	−0.61	1.40	−1.83	34.59	−11.84
Uniontown	3.49	−0.21	1.28	−1.59	2.46	−1.53	4.54	+0.81	8.05	+4.42	2.23	−2.49	3.86	−0.46	2.90	−1.81	0.86	−2.44	2.49	−0.88	1.91	−1.02	0.90	−2.53	34.97	−9.73
Waynesburg	2.41	−0.97	1.33	−0.96	3.04	−1.05	4.54	+1.05	6.89	+2.80	1.65	−2.53	6.20	+1.84	3.59	−0.67	0.84	−2.41	2.83	+0.04	1.40	−0.95	1.12	−1.69	35.84	−5.50
BEAVER																										
Beaver Falls	2.32	−0.57	1.94	−0.34	3.13	−0.16	2.90	−0.11	3.66	+0.45	3.87	−0.60	6.56	+3.03	1.19	−2.41	0.79	−2.07	3.50	+1.01	1.28	−1.09	0.58	−2.06	31.72	−4.92
Butler	1.87	−1.36	1.76	−0.64	2.70	−0.74	4.54	+1.17	5.06	+2.03	3.96	−0.70	5.28	+0.87	1.88	−2.02	1.30	−2.16	5.00	+2.13	1.89	−0.91	1.08	−1.93	36.32	−4.76
Greenville	2.58	−1.05	2.38	−0.19	2.91	−0.46	3.89	+0.43	‖4.98	+1.27	‖5.60	+1.69	4.41	+0.09	2.44	−1.03	1.88	−1.41	3.40	−0.12	1.96	−0.97	1.07	−1.83	37.50	−3.58
Mercer (Airport)	1.81		2.70		2.67		3.75		5.19		4.35		4.40		4.62		1.18		3.46		1.28		0.99		36.40	
New Castle	1.86	−1.34	2.19	0.00	3.30	+0.26	3.69	+0.27	3.93	+0.36	‖2.48	−1.81	7.56	+3.90	1.34	−2.14	0.95	−2.06	3.20	+0.40	1.41	−0.94	0.91	−1.79	32.82	−4.89
Pennline	1.78	−1.07	2.12	+0.06	2.74	−0.18	4.17	+0.96	5.15	+0.87	4.41	+0.31	5.88	+2.20	1.99	−2.12	1.58	−2.46	4.17	+0.53	1.52	−1.30	1.04	−1.71	36.55	−3.91
Pymatuning Dam	1.69		2.27		2.41		3.82		4.71		4.51		3.25		3.14		1.54		3.56		1.95		0.84		33.69	
Sharon	‖2.01	−0.71	2.39	+0.39	2.74	−0.02	3.63	+0.59	4.63	+1.44	7.11	+3.43	5.40	+1.43	3.99	+0.42	1.00	−1.70	2.82	0.00	1.09	−1.14	§		§	
OHIO																										
Claysville	2.38	−0.87	2.10	−0.37	3.19	−0.14	4.02	+0.63	5.98	+2.39	3.33	−0.97	11.31	+7.06	4.55	+0.78	0.94	−2.30	3.70	+0.45	1.80	−0.70	1.03	−1.93	44.33	+4.03
Coraopolis	1.80	−1.19	1.38	−1.07	3.28	−0.06	3.03	−0.04	4.85	+1.58	2.50	−2.08	7.81	+3.99	1.59	−1.55	0.34	−2.54	3.46	+0.78	1.56	−0.83	1.13	−1.67	32.73	−4.68
Midland	2.17		1.79		3.23		3.51		5.40		2.69		6.37		3.07		1.02		2.87		2.08		0.91		35.11	
Mt. Lebanon	2.48	−0.36	1.76	−0.57	2.76	−0.65	2.31	−1.07	5.71	+2.19	3.23	−1.67	9.29	+5.70	2.23	−1.46	0.96	−1.74	3.72	+0.49	1.45	−0.79	1.18	−1.59	37.08	−1.52
Washington	2.56		1.56		2.98		3.33		6.55		2.20		7.28		2.87		0.40		3.25		1.60		§		§	
LAKE DRAINAGE																										
Erie	0.93	−1.84	1.25	−1.33	2.51	−0.11	4.02	+1.29	6.41	+3.01	1.65	−1.69	6.27	+3.26	1.49	−1.78	3.38	−0.01	6.40	+2.71	2.09	−1.21	1.13	−1.70	37.53	+0.60
Raymond	1.97		1.53		2.57		‖5.73		6.83		4.06		5.46		‖5.03		0.68		4.97		2.17		‖0.98		41.98	
For The State	2.68	−0.50	1.71	−1.11	2.74	−0.76	3.97	+0.55	6.08	+2.19	3.33	−0.79	4.47	+0.18	2.72	−1.48	0.72	−2.67	5.63	+2.35	2.87	+0.01	1.12	−1.96	38.04	−3.99

‖ Monthly amounts interpolated; annual amounts partially interpolated. § Incomplete. † Daily amounts inconsistent.

COMPARATIVE ANNUAL DATA FOR THE STATE

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	47.9	100	−31	45.91	39.7	130	110	116	140
1889	49.8	96	−27	52.67	22.3	136	112	113	140
1890	50.5	101	−18	51.28	35.5	141	106	116	143
1891	50.6	100	−14	45.65	34.1	124	124	108	133
1892	49.3	103	−28	41.30	54.0	125	123	106	137
1893	48.7	102	−25	44.26	61.6	126	116	120	129
1894	51.3	103	−28	43.69	63.1	117	132	116	117
1895	49.4	104	−25	38.51	39.7	104	143	115	107
1896	50.5	101	−26	41.95	42.4	114	124	113	129
1897	50.0	103	−12	42.73	37.2	124	128	106	131
1898	51.3	107	−16	45.49	38.8	130	123	107	135
1899	50.0	101	−39	40.93	47.9	112	134	111	120
1900	51.5	104	−23	37.31	33.3	111	130	114	121
1901	49.4	107	−22	45.54	35.4	123	118	111	136
1902	49.6	100	−24	47.29	60.3	125	123	115	127
1903	49.6	99	−17	46.27	37.3	121	130	105	130
1904	47.5	99	−42	40.44	50.8	127	133	104	129
1905	49.4	99	−25	43.34	40.9	128	133	109	123
1906	50.8	99	−21	42.78	45.0	129	128	104	133
1907	48.5	98	−23	45.45	54.5	132	136	102	127
1908	50.9	104	−29	39.58	54.4	108	157	104	105
1909	50.2	100	−19	37.38	41.4	117	140	102	123
1910	49.9	99	−22	38.99	67.6	119	135	99	131
1911	51.1	105	−18	45.52	39.2	133	131	93	141
1912	49.0	100	−35	44.13	38.6	126	133	99	134
1913	51.7	102	−9	43.25	24.4	125	148	84	133
1914	49.3	101	−28	38.24	64.2	122	144	97	124
1915	50.1	99	−26	44.26	42.8	131	141	99	125
1916	49.6	103	−31	40.98	51.4	133	153	100	113
1917	47.3	105	−29	41.71	45.6	130	143	110	112
1918	50.2	108	−34	44.06	43.4	124	156	98	111
1919	51.1	104	−23	46.86	26.2	136	152	96	117
1920	49.2	99	−23	40.63	46.0	101	146	102	118
1921	53.1	104	−15	41.80	30.2	130	155	96	114
1922	51.4	100	−19	34.88	39.1	119	155	97	113
1923	50.4	103	−20	39.17	40.7	125	158	91	116
1924	48.4	102	−25	43.13	44.1	123	151	97	118
1925	50.3	104	−29	37.86	44.2	124	149	101	115
1926	48.7	105	−20	43.11	49.8	135	136	99	130
1927	50.9	100	−24	42.30	30.3	140	142	91	132
1928	50.5	99	−23	42.06	37.8	131	145	102	119
1929	50.5	101	−20	44.21	36.7	129	144	99	122
1930	51.2	108	−24	28.82	27.6	110	153	94	118
1931	52.8	105	−16	37.36	22.5	123	151	94	120
1932	51.6	105	−14	39.02	27.8	121	152	92	122
1933	51.7	107	−22	45.43	33.1	135	146	96	123
1934	50.6	107	−34	39.17	30.4	118	159	95	111
1935	50.2	104	−26	40.43	49.7	136	138	92	135
1936	50.4	111	−30	42.57	50.1	127	147	93	126
1937	50.7	101	−14	46.62	27.1	139	134	96	135
1938	51.8	100	−20	40.81	30.1	131	142	95	128
1939	51.7	101	18	37.06	33.8	126	142	97	126
1940	48.6	105	−19	43.71	47.9	133	126	94	152
1941	51.3	104	−15	34.12	42.4	112	146	95	124
1942	50.5	102	−30	47.84	51.0	137	125	102	138
1943	49.5	102	−27	38.04	38.8	130	125	109	131
1944									
1945									
Period	50.2	111	−42	42.03	41.8	125	137	102	126

KILLING FROSTS OR FREEZING TEMPERATURE

Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn
Allentown	Apr 18	Oct. 6	Lock Haven	May 3	Sept. 26
Altoona, 5 W	do. 29	Sept. 12	Mauch Chunk	do. 5	do. 18
Bradford	May 15	do. 13	Meadville	do. 14	do. 12
Brookville	do. 5	do. 11	Midland	do. 2	Nov. 4
Butler	do. 13	do. 12	Montrose	do. 15	Sept. 13
Carlisle	do. 2	do. 13	New Castle	Apr. 29	do 26
Chambersburg	do. 2	do. 27	Philadelphia	do. 16	Oct. 11
Claysville	Apr. 29	Oct. 5	Phoenixville	May 5	do. 5
Coatesville	do. 17	do. 11	Pittsburgh	do. 1	do. 6
Coudersport	May 23	Sept. 12	Port Clinton	do. 5	Sept. 19
Curwensville	do. 5	do. 26	Pymatuning Dam	do. 14	do. 12
Eagles Mere	do. 1	Oct. 5	Quakertown	Apr. 24	do. 27
Emporium	do. 15	Sept. 26	Reading	do. 18	Oct. 11
Erie	do. 1	Nov. 10	Ridgway	May 15	Sept. 12
Everett		Sept. 13	Scranton	do 1	do. 18
Franklin	do. 6	do. 26	Selinsgrove	do. 2	do. 26
George School	Apr. 23	Oct. 11	Somerset	do. 2	do. 12
Gettysburg	do. 16	Sept. 26	Springs	do. 5	do. 18
Gordon	May. 2	do. 26	State College	do. 1	do. 18
Greensburg	do. 5	do. 12	Stroudsburg	do. 5	do. 19
Harrisburg	Apr. 18	Nov. 5	Towanda	do. 2	Oct. 6
Hawley	May 15	Sept. 18	Uniontown	do. 2	do. 5
Huntingdon	do. 5	do. 26	Vandergrift	do. 5	do. 5
Indiana	do. 5	do. 12	Warren	do. 14	Sept. 19
Johnstown	do. 2	do. 19	Waynesburg	do. 5	do. 26
Lancaster	do. 2	Oct. 11	Wellsboro	do. 15	do. 18
Lawrenceville	do. 15	Sept. 26	West Chester	Apr. 18	Oct. 31
Lebanon	do. 2	Oct. 6	Williamsport	May 2	Sept. 27
			York	do. 5	do. 26

MONTHLY STATE DATA

Month	Temperature						Precipitation					
	Mean	Dep. from normal	Highest sta. mean	Lowest sta. mean	Highest	Lowest	Average	Dep. from normal	Greatest	Least	Greatest in 24 hrs.	Average snow
January	28.2	−0.1	34.6	19.5	73	−12	2.68	−0.50	4.85	0.93	1.88	15.5
February	29.9	+1.5	37.4	22.4	75	−27	1.71	−1.11	3.33	0.49	0.90	7.8
March	37.2	−0.4	44.7	29.8	85	−15	2.74	−0.76	4.39	1.54	2.25	7.2
April	43.1	−5.5	51.2	35.2	83	7	3.97	+0.55	7.00	2.05	2.53	3.7
May	60.4	+0.7	65.7	53.2	93	19	6.08	+2.19	10.34	3.59	3.23	T.
June	73.0	−4.8	79.7	66.3	101	35	3.33	−0.79	7.11	0.71	3.05	0
July	72.8	+0.4	79.3	66.2	100	31	4.47	+0.18	11.31	1.27	5.04	0
August	70.8	+0.5	78.4	63.3	101	33	2.72	−1.48	6.53	0.43	3.90	0
September	61.4	−2.8	68.8	54.4	102	18	0.72	−2.67	3.38	0.04	2.54	T.
October	50.1	−2.5	56.8	43.8	89	17	5.63	+2.35	10.68	2.15	3.73	0.3
November	38.7	−2.6	46.4	32.0	79	7	2.87	+0.01	7.02	0.99	5.10	2.2
December	28.4	−3.0	36.9	21.0	63	−28	1.12	−1.96	3.23	0.45	1.45	2.1
Year	49.5	−0.7	79.4	19.5	102	−27	38.04	−3.99	11.31	0.04	5.10	38.8

ERRATA

Departures as shown on the various tables incorporate all corrections to 1943 monthly issues of Pennsylvania Climatological Data.

September, 1943, precipitation average for period of record should be 3.39, inches departure in 1943 should be −2.67 inches.

December, 1943, page 86, Martinsburg, monthly mean temperature should be 27.9°.

December, 1943, page 91, Martinsburg, mean maximum should be 35.8°.

WEATHER BY MONTHS (Continued from front page).

September's great deficiency. The storm of the 8th, at many eastern stations, produced greatest 24-hour precipitation records for the month. The State missed a heavy snowfall at the end of the month, experienced in southeastern New York; the State average, though, was not much under normal.

DECEMBER.—Characteristic of this year of sharp reversals, this month, like September, was the driest of record. About 75% of the month's precipitation occurred on the 26th when freezing rain complicated transportation facilities, overburdened with holiday traffic. It was a cold month but snow was conspicuously absent and bare ground presented a source of potential damage to winter grains; well levels were falling and frozen soil prevented much outside work.

WEATHER BUREAU AND COOPERATIVE STATIONS, 1943


PENNSYLVANIA
SCALE OF MILES
10 0 10 20 30 40 50
Lake Erie
Erie
ERIE
Union City
Corry
Pennline
CRAWFORD
Meadville
Titusville
Westford
Greenville
Franklin
MERCER
Sharpsville
Sharon
Mercer
Grove City
New Castle
LAWRENCE
BUTLER
Butler
Beaver Falls
Rochester
BEAVER
Midland
Lock No. 2
Aetnetonia
ALLEGHENY
Pittsburg
Mt Lebanon
WASHINGTON
Claysville
Newell
GREENE
Lake Lynn
Warren
WARREN
Marienville
FOREST
VENANGO
Parkers Ldg
CLARION
Clarion
Brookville
JEFFERSON
Punxsutawney
Mosgrove
ARMSTRONG
Chambersville
Lock No 5
Natrona
Vandergrift
INDIANA
Saltsburg
Blairsville
Seward
Derry
Irwin
Greensburg
Dunlo
Johnstown
Kane
Ridgway
ELK
DuBois
Clearfield
CLEARFIELD
Berwindale
State College
Bald Eagle
CENTRE
Bellefonte
Center Hall
Lewistown
MIFFLIN
CAMBRIA
Ebensburg
Altoona
BLAIR
Martinsburg
HUNTINGDON
Mt Union
Huntingdon
Shade Gap
BEDFORD
Bedford
Buckstown
Somerset
SOMERSET
FAYETTE
Uniontown
Connellsville
Buffalo Mills
FULTON
McConnellsburg
Hyndman
Bradford
McKEAN
Smethport
Coudersport
POTTER
Emporium
CAMERON
Driftwood
Raymond
Galeton
Ansonia
TIOGA
Wellsboro
Covington
Carter Camp
Lawrenceville
English Center
LYCOMING
Renovo
CLINTON
Lock Haven
Williamsport
Millville
COLUMBIA
Bloomsburg
UNION
Selinsgrove
SNYDER
Sunbury
NORTHUMBERLAND
MONTOUR
Gordon
Pottsville
SCHUYLKILL
Tremont
Williamstown
Millersburg
Pine Grove
Newport
New Bloomfield
PERRY
Big Knob
JUNIATA
DAUPHIN
Harrisburg
Blossburg
Carlisle
CUMBERLAND
Huntsdale
Shippensburg
Arendtsville
ADAMS
Gettysburg
Hanover
YORK
York
Holtwood
New Park
LANCASTER
Lancaster
Ephrata
Lebanon
LEBANON
BERKS
Reading
Wernersville
Fredericksville
Port Clinton
Zionsville
Allentown
LEHIGH
New Tripoli
Bethlehem
Quakertown
Pottstown
BUCKS
Doylestown
George School
MONTGOMERY
Phoenixville
Conshohocken
Shawmont
CHESTER
Coatesville
West Chester
DELAWARE
PHILADELPHIA
Philadelphia
Navy Yard
Marcus Hook
Westgrove
Susquehanna
Montrose
SUSQUEHANNA
BRADFORD
Towanda
Pleasant Mount
WAYNE
WYOMING
LACKAWANNA
Scranton
Hawley
Lakeville
Hollisterville
SULLIVAN
Muncy
Valley
Wilkes-Barre
Retreat
LUZERNE
Freeland
Gouldsboro
PIKE
Matamoras
Dingmans Ferry
Mount Pocono
MONROE
Stroudsburg
Portland
CARBON
Mauch Chunk
Palmerton
NORTHAMPTON
Delaware River
Clarion
Lansford
Girardville
Tamaqua
Lake Ariel
Honesdale
Starrucca
Susquehanna
Great Bend
Hallstead
Montrose
Tunkhannock
Factoryville
Dalton
Scranton
Wilkes-Barre
Hazleton
Pottsville
Tamaqua
Lansford
Mauch Chunk
Stroudsburg
Bethlehem
Allentown
Reading
Lebanon
Harrisburg
Lancaster
Coatesville
West Chester
Philadelphia
Navy Yard
Marcus Hook
Chambersburg
Gettysburg
Hanover
York
Carlisle
Shippensburg
Bedford
Somerset
Johnstown
Altoona
Huntingdon
Lewistown
Williamsport
Renovo
Lock Haven
Clearfield
DuBois
Kane
Emporium
Ridgway
Titusville
Meadville
Erie
Corry
Warren
Bradford
Coudersport
Galeton
Ansonia
Wellsboro
Covington
Carter Camp
Lawrenceville
Towanda
Montrose
Susquehanna
Pleasant Mount
Honesdale
Starrucca
Great Bend
Hallstead
Factoryville
Dalton
Tunkhannock
Lake Ariel
Hazleton
Pottsville
Tamaqua
Lansford
Girardville

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CROSS FUND

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION.

L. F. CONOVER

HARRISBURG, PA.

VOL. XLIX. JANUARY 1944. No. 1.

GENERAL SUMMARY.

This was the warmest January since 1937 and the first month since last August in which the average temperature was above normal. Lowest temperatures were recorded at most stations about the 9th, at the beginning of a dry, pleasant fortnight, when persistent high pressure dominated Pennsylvania. The warmest period of the month occurred between the 24th and 29th when a high pressure system became stationary over the Carolinas, permitting the inflow of very warm air over the State. The effect was most noticeable on the 25th and 26th.

During the first week of the month, a storm moved northeastward off the Delaware Coast and, a few days later, another moved up the St. Lawrence Valley. These storms produced heavy precipitation but the month's total was well below normal due to the light amounts received thereafter. The coastal storm of the 3d produced the greatest 24-hour amounts of the month and rather heavy falls of snow centered in southern-mountain counties. Sleet and freezing rain were reported, with glaze of considerable proportion being built up on exposed surfaces in some localities. Road conditions were bad and many power interruptions were reported. Numerous traffic accidents occurred, resulting in two deaths in the Pittsburgh area. Snowfall was below normal, stations in the southern mountains reporting the greatest amounts. As a result of the light amounts and the high temperatures, snow protection was lacking during most of the month except in northern localities. Heavy fog was reported frequently during the latter half of the month and was most general on the 27th and 28th.

The water shortage has not damaged crops to any extent but it is causing some inconvenience, as farmers in many localities are compelled to haul water for livestock. Farm work has advanced considerably due to the open winter, although the handicap of the dry fall, which made plowing impossible, will be difficult to overcome. Freezing temperatures have damaged winter grains. Reports of roads as dusty as in summer have been an unusual feature of the month.

G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 87 stations was 30.6°, which is 2.2° above the 57-year normal for January. The highest monthly mean was 37.4° at Marcus Hook, and the lowest was 25.3° at Kane. Extremes ranged from a maximum of 68° at York on the 26th to a minimum of −12° at Coudersport, Somerset, and Springs on the 9th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 201 stations, was 2.12 inches, which is 1.04 inches below the 57-year normal for January. The greatest monthly amount was 4.29 inches at South Mountain, while the least was 0.35 inch at Centerville. The greatest amount recorded in any 24 consecutive hours was 3.08 inches at McConnellsburg on the 2-3d.

The average snowfall for the State was 4.3 inches, which is 6.1 inches below the 57-year normal. The greatest monthly snowfall was 18.7 inches at Springs. The greatest fall for any observational day was 13.0 inches at Springs on the 3d.

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	23.2	61	−19	4.19	14.0	13	5	11	15
1889	29.4	68	−5	3.54	7.8	10	9	13	9
1890	37.5	77	−2	3.04	1.8	14	7	8	16
1891	30.5	64	−4	3.64	9.8	12	6	10	15
1892	26.2	66	−28	4.77	13.5	12	8	8	15
1893	19.0	57	−25	2.85	18.0	12	7	10	14
1894	32.8	65	−9	2.29	7.2	10	9	9	13
1895	24.2	58	−17	4.17	14.2	13	7	10	14
1896	27.6	60	−15	1.43	3.4	6	8	9	14
1897	25.6	74	−25	2.15	11.0	10	8	8	15
1898	30.7	67	−16	4.25	11.0	13	6	8	17
1899	26.6	66	−21	3.05	10.3	10	12	8	11
1900	29.8	63	−8	2.64	5.3	10	8	9	14
1901	29.1	59	−10	2.22	8.6	11	8	8	15
1902	25.6	58	−13	2.80	11.5	9	8	9	14
1903	26.9	68	−13	3.31	11.7	11	6	8	17
1904	20.0	66	−42	3.55	20.4	12	10	6	15
1905	23.8	69	−21	3.70	21.2	12	8	8	15
1906	35.0	85	−4	2.53	4.5	11	10	8	13
1907	30.0	75	−23	4.36	13.2	15	6	7	18
1908	28.4	59	−18	2.68	11.4	9	12	8	11
1909	31.2	72	−19	2.92	12.8	13	9	6	16
1910	27.2	56	−22	5.55	26.0	14	7	5	19
1911	31.6	70	−5	3.54	4.5	13	8	5	18
1912	18.6	57	−35	1.92	13.6	12	8	7	16
1913	36.5	65	3	4.95	4.5	16	9	6	16
1914	30.2	81	−27	3.37	11.7	11	7	7	17
1915	28.3	62	−26	5.56	14.7	13	10	6	15
1916	34.2	76	−12	2.42	1.8	12	9	8	14
1917	27.9	69	−18	3.60	4.2	13	11	8	12
1918	16.2	57	−29	3.51	25.2	12	10	8	13
1919	32.0	64	−15	2.53	6.2	8	14	8	9
1920	20.9	59	−23	2.47	10.0	10	9	8	14
1921	31.0	63	−13	2.58	4.4	10	12	7	12
1922	25.0	62	−19	2.26	16.0	8	14	7	10
1923	29.1	62	−17	4.26	17.6	14	6	6	19
1924	28.1	65	−13	4.34	3.6	8	11	8	12
1925	25.2	55	−29	3.53	29.4	10	11	7	13
1926	27.8	66	−19	2.80	10.5	11	9	9	13
1927	27.4	61	−24	2.90	5.7	13	9	6	16
1928	29.8	65	−23	2.08	6.8	9	12	8	11
1929	27.3	73	−20	3.37	7.6	12	9	9	13
1930	29.2	72	−24	2.95	8.4	12	8	8	15
1931	30.0	65	−12	1.46	4.4	7	12	9	10
1932	40.5	79	9	4.51	1.3	14	7	6	18
1933	37.0	71	−6	2.00	1.9	8	12	7	12
1934	32.2	67	−19	2.54	2.3	11	8	8	15
1935	27.5	72	−23	3.08	13.5	11	11	6	14
1936	23.6	59	−30	4.21	19.4	14	8	7	16
1937	36.7	71	5	6.36	4.3	16	5	7	19
1938	28.9	66	−20	2.51	5.1	12	8	7	16
1939	30.3	69	−18	3.14	15.2	13	8	7	16
1940	19.3	56	−16	1.41	8.4	10	9	7	15
1941	27.9	58	−10	2.62	14.6	13	7	6	18
1942	27.3	64	−30	1.86	7.6	8	11	7	13
1943	28.2	73	−12	2.68	15.5	14	5	7	19
1944	30.6	68	−12	2.12	4.3	7	9	10	12
Period	28.4	85	−42	3.16	10.4	11	9	8	14

Climatological Data for January 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	33	31.3	+2.2	60	27	10	18	3.73	+0.33	2.77	3-4	4.1	8	10	14	7	nw.	Allent'n-Bethlehem Gas Co
Altoona-4.5 W.	Blair	1,500	58	29.9[b]	+2.4	60	28	2	9	2.76§	−0.16	1.62	3-4	10.5§	7	12	6	13	w.	City of Altoona.
Bethlehem	Northampton	364	59	31.9	+1.3	60	26†	10	9	2.20	−1.29	0.96	3	5.2	8	14	5	12	w.	Lehigh University.
Burnt Cabins-2 NE	Fulton	990	3	29.0	.....	60	28	3	9	2.91	.....	2.08	3	8.0	8	15	6	10	w.	Penna. Turnpike Comm
Carlisle	Cumberland	473	76	32.0	+3.3	65	28	1	17	3.38	+0.24	2.52	3-4	6.5	7	18	4	9	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	32.0	+2.2	66	28	3	17	2.64	−0.18	1.56	3-4	8.0	7	12	8	11	ne.	William B Spear.
Coatesville	Chester	431	56	33.4	+3.1	66	27	7	17	3.50§	−0.45	1.55	3-4	2.0	7	7	9	15	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	2	26.2	....	58	26	2	8	3.25	.....	1.63	3-1	11.5	12	9	12	10	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	25.8	.....	58	28	0	9	1.44	.....	0.59	3	4.0	4	11	9	11	se.	Carl E. Bigger.
East Waterford-3 SE	Juniata	2,125	7	29.9	.....	61	26	2	9	2.59	.....	1.75	3-4	9.9	7	5	11	15	nw.	U. S. Weather Bureau.
Emporium†‡-1 E	Cameron	1,100	58	29.0	+2.8	63	26	0	9	§§	.....	§§	.....	§§	§§	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata†‡	Lancaster	365	47	33.4	+3.0	66	28	2	17	2.00	−1.07	0.78	3	4.4	6	13	6	12	nw.	Ira J. Keath.
Everett-0.5 SW	Bedford	1,020	22	30.0	+1.7	63	28	2	11	2.28	−0.68	1.42	3-4	8.7	6	9	9	13	nw.	Penna. Turnpike Comm.
Freeland†‡	Luzerne	1,970	51	28.5	+4.3	55	28	1	9	1.67	−1.57	1.20	3-4	7.5	4	13	2	16	w.	Andrew B. Evansha.
George School†‡	Bucks	184	38	32.6	+1.3	66	27	9	17†	2.99	−0.76	1.00	3-4	3.4	8	10	7	14	n.	Prof. N. W. Swayne.
Gettysburg†‡	Adams	500	71	33.2	+3.1	66	27	7	18	3.13	−0.20	1.41	3-4	6.0	6	17	8	6	nw.	Dr. Henry Stewart.
Gordon†‡	Schuylkill	900	40	30.4	+3.4	63	27	5	9	2.75	−1.02	1.15	3	2.0	6	12	6	13	w.	Miss Sallie M. Johnson
Hanover†‡	York	600	40	33.3	+0.5	67	27	10	17	3.70	+0.55	2.45	3-4	3.7	7	12	5	14	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	75	32.8	+3.8	65	28	8	16	2.97	−0.12	1.94	3-4	5.7	9	8	7	16	w.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	34	26.8	+1.5	58	27	−9	17	1.69	−1.05	0.82	3-4	9.5	7	14	6	11	w.	Mrs. Della M. Pennell.
Holtwood†‡	Lancaster	200	29	33.4	+1.7	66	27	9	17	2.33	−0.83	1.50	3-4	5.0	7	12	11	8	nw.	Penna. Water & Power Co.
Huntingdon†‡	Huntingdon	700	57	32.0	+1.3	66	27	8	9†	1.63	−1.57	0.77	3-4	1.8	5	5	10	16	nw.	Prof. Paul R. Yoder.
Lancaster†‡	Lancaster	255	57	32.2	+2.1	64	27	−3	17	2.03	−1.16	0.75	3	5.0	7	11	12	8	nw	Lancaster Water Bureau.
Lawrenceville†‡	Tioga	996	47	29.6	+4.3	62	26	3	9†	0.38	−1.59	0.18	27-28	2.0	4	10	12	9	n.	Carlos P. Darling.
Lebanon†‡	Lebanon	469	60	31.9	+2.7	66	28	8	17	2.28	−1.06	1.35	3-4	5.5	6	17	11	3	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	6	32.2	.....	66	26†	9	9	3.33§	.....	2.80	3-4	.....	4	11	8	12		Penna. Dept. of Highways.
Lock Haven†‡	Clinton	557	54	31.1	+2.9	64	28	3	9	1.36	−1.78	1.05	3-4	3.0	4	11	8	12	e.	William R. Kelley.
Marcus Hook†‡	Delaware	12	18	37.4	+2.1	67	26	15	9	2.97	−0.31	1.55	3-4	2.5	7	21	1	9	w.	Sun Oil Co.
Martinsburg	Blair	1,493	2	29.2	.....	58	28	4	9	2.99	.....	2.35	3-4	.....	6	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose-3 E†‡	Susquehanna	1,176	39	25.4	+2.1	53	27	−1	9	0.67	−1.78	0.37	5-6	4.2	7	7	7	17	nw.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	3	26.0	.....	54	26	2	9	2.25	.....	1.12	3-4	13.9	8	3	17	11	nw.	U. S. Weather Bureau.
Palmerton†‡	Carbon	455	26	31.0	+1.9	62	27	5	9	2.64§	+0.27	1.61	3	6.0	6	8	8	15	w	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	34.0	+2.9	66	26	12	9	2.99	−0.31	1.38	3-4	3.2	9	5	10	16	nw.	U. S. Weather Bureau.
Philipsburg†-7 E	Centre	1,916	2	26.1	.....	57	28	1	8	3.83	.....	2.88	3	9.4	11	2	13	16	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	35	33.6	+2.7	66	26†	−2	17	3.49	−0.22	1.84	3-4	.....	6	11	9	11	sw.	Phila.-Suburban Water Co.
Port Clinton†‡	Schuylkill	407	6	30.4	+1.5	64	27	5	17	2.81	−0.71	1.55	3-4	3.5	6	19	1	11	.....	Earl E. Rarick.
Quakertown†‡-0.5 E	Bucks	480	59	29.6	+2.8	62	27	−4	17	3.88	+0.06	1.54	3-4	2.5	7	10	13	8	w.	John E. Benner.
Reading	Berks	273	74	34.2	+3.0	65	27	9	17	2.90	−0.67	1.84	3-4	4.2	10	9	8	14	nw	U. S. Weather Bureau.
Scranton	Lackawanna	746	50	30.6	+4.0	57	26	8	9	0.81	−2.22	0.47	5-6	1.1	6	4	14	13	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	54	32.6	+3.7	65	27	8	9	.....	.....	.....	.....	3.5	.....	7	16	8	nw	Dr. George E. Fisher.
State College	Centre	1,217	59	30.2	+3.3	60	26†	3	9	1.87	−1.13	1.40	3-4	6.5	9	8	12	11	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	25	31.0	+3.8	59	27†	2	17	2.93	−0.32	1.53	3-4	5.0	4	6	10	15	nw	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	4	26.4	.....	60	26	1	9†	1.15	.....	0.48	3	5.2	8	4	15	12	w.	James E. Swartz.
Towanda†‡-1 E	Bradford	754	50	29.8	+4.0	58	27	3	17	0.70	−1.44	0.22	3	2.0	6	8	11	12	nw.	Mrs. M. Ordelia Parks.
Wellsboro†‡	Tioga	1,319	74	27.4	+3.2	63	26	−2	9†	0.77	−1.50	0.39	27	1.4	4	13	10	8	s.	M. S. Bliss.
West Chester†‡	Chester	440	95	33.8	+3.2	66	27	10	9	3.66	−0.16	1.76	3-4	6.0	7	15	8	8	nw.	Clyde T. Saylor.
Wilkes-Barre†‡	Luzerne	544	6	29.8	.....	57	26	5	9	1.02	−1.37	0.52	3-4	1.8	6	3	15	13	nw.	U. S. Communication Sta.
Williamsport†‡	Lycoming	550	58	30.5	+2.8	53	26	7	9	1.53	−1.43	1.10	3-4	1.0	4	7	13	11	w.	John D. McEwen.
Williamstown†‡	Dauphin	775	28	31.8[a]	+3.1	64	26	7	9	2.52	−0.54	1.60	3-4	.....	5	11	13	7	.....	Gordon E. Lower.
Woodward-2 NE	Centre	2,191	3	27.1	.....	58	26	2	9	2.54	.....	2.11	3-4	6.2	7	1	8	22	w.	U. S. Weather Bureau.
York-3 SW†‡	York	390	56	33.6	+3.3	68	26	0	17	3.40	+0.33	1.13	3-4	3.5	7	15	10	6	w.	York Water Co.
Division mean				**30.7**	**+2.0**	**68**	**26**	**−9**	**17**	**2.42**	**−0.70**	**3.08**	**2-3**	**5.1**	**7**	**10**	**9**	**12**	**nw.**	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	27	27.0	+2.7	58	26	−4	9	1.29	−1.94	0.49	27-28	6.1	9	7	9	15	w.	City Water Dept.
Brookville	Jefferson	1,400	53	28.5	+3.8	58	26	7	11	2.30	−0.91	0.93	27-28	.....	11	4	8	19	sw	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	31.6	+2.2	63	27	7	9	2.33	−0.62	0.98	3-4	0.2	6	5	18	8	w.	Butler Eagle.
Clarion†‡-3 SW	Clarion	1,114	34	29.8	.....	60	26	6	10†	2.23	−1.62	0.90	27-28	0.5	8	6	9	16	w	Penna. Electric Co.
Claysville	Washington	1,170	40	30.6	−0.5	61	26†	2	9	1.67	−1.58	1.13	3	1.0	6	11	10	10	w	Walter B. Paget.
Coudersport†‡	Potter	1,653	17	26.7	+2.2	60	26	−12	9	1.09	−1.99	0.39	27-28	4.5	11	10	9	12	sw.	Philip R. Shaw.
Derry†‡	Westmoreland	1,150	47	33.8	+3.2	62	26†	7	9	2.71	−1.17	1.69	3-4	0.7	7	8	13	10	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	30.3	.....	60	28	4	9	1.34	.....	0.68	3-4	3.2	8	8	14	9	w	Penna. Turnpike Comm.
Donora†‡	Washington	761	18	35.2	+1.2	64	28	10	9	1.60	−1.12	1.19	3	0.4	7	2	6	23	sw.	Donora Zinc Works.
Ebensburg†‡	Cambria	2,170	27	27.6	+1.7	55	26†	4	9	2.57	−1.02	1.32	3-4	6.9	5	10	9	12	w.	Miss. Emma H. Eastman.
Ford City-4 S	Armstrong	950	1	31.4	.....	60	26†	7	11	2.40	.....	1.23	3-4	0.1	6	7	8	16	w.	U. S. Engineers.
Franklin†‡	Venango	987	70	30.0	+3.5	62	26	7	9	1.99	−1.43	0.99	27	1.5	5	11	7	13	s.	William K. Fuller.
Greensburg†‡-2 S	Westmoreland	1,160	35	31.2	+0.1	62	26	7	9†	1.56	−1.87	0.94	3-4	T.	7	14	6	11	sw	Westmoreland Water Co.
Indiana†‡	Indiana	1,300	43	33.8	+4.5	59	26†	11	12	2.50	−1.26	1.16	3-4	2.8	8	13	12	6	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	28.0	.....	66	26	7	10	1.90	.....	0.74	27-28	.....	7	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown†‡-0.5 W	Cambria	1,650	62	31.6	+1.3	60	28	6	9	2.53	−1.79	1.49	3	7.9	12	14	5	12	s.	Robert Tross.
Kane-1 N	McKean	1,750	29	25.3	.....	59	26	−1	24	1.53	−2.27	0.24	23	11.6	13	10	2	19	w.	Spring Water Co.
Meadville†‡-1 S	Crawford	1,065	50	29.0	+3.5	61	26	8	9	1.96	−1.38	1.00	27-28	5.8	9	6	7	18	sw	City of Meadville.
Midland	Beaver	780	8	32.5	.....	61	25	10	9	1.38	.....	0.87	3-4	T.	6	7	8	16	nw.	Perry P. Campbell.
New Castle†‡-1.5 N	Lawrence	900	64	33.1	+5.0	64	26	8	9	2.63	−0.57	0.84	3-4	2.4	9	5	11	15	s.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	32.8	+4.6	62	26	8	9	1.26	−1.79	0.72	3	0.3	10	5	12	14	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	31.0	.....	60	26†	8	9	2.70§	.....	1.22	3-4	0.5	8	9	8	14	w.	U. S. Engineers.
Ridgway	Elk	1,371	37	27.3	+2.1	61	26	1	11	1.07	−1.92	0.42	27-28	0.5	9	6	10	15	s	West Penn Power Co.
Sharon	Mercer	940	31	33.6	+5.3	63	26†	12	8	2.53	−0.02	0.95	3-4	1.0	5	12	11	8	sw.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,100	73	29.5	+2.8	59	28	−12	9	1.75	−2.64	1.09	3-4	7.6	6	6	12	13	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	28.5	+1.8	59	26	−12	9	2.34	−1.49	1.25	3	18.7	9	5	11	15	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	29.2	.....	62	26	3	10	1.98	.....	0.79	27-28	2.7	8	14	1	16	w.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	1	30.0	.....	61	26	2	9	1.75	.....	0.91	27	6.7	13	5	11	15	w.	Arthur M. Stokes.
Uniontown†‡	Fayette	1,040	56	35.0	+2.4	64	28	10	9	1.61	−2.09	1.01	3-4	T.	7	12	13	6	sw.	William W. Marsteller.
Vandergrift†‡	Westmoreland	825	30	33.2	+2.3	62	28	9	9	2.17§	−1.06	1.17	3-4	T.	8	14	13	4	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	56	28.7	+2.9	62	26	7	17	1.54	−1.38	0.50	28-29	2.0	7	13	13	5	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	32.6	−0.8	63	26	4	9	1.41	−1.84	1.08	3	0.0	5	7	14	10	w.	Thomas S Knox.
Division mean				**30.5**	**+2.1**	**66**	**26**	**−12**	**9**	**1.93**	**−0.50**	**1.90**	**3-4**	**3.2**	**8**	**8**	**10**	**13**	w.	
Lake Drainage																				
Erie	Erie	705	71	31.4	+4.6	61	26	14	8	0.85	−1.92	0.62	27-28	1.0	6	3	9	19	sw	U. S. Weather Bureau.
State mean				**30.6**	**+2.2**	**68**	**26**	**−12**	**9**	**2.12**	**−1.04**	**3.08**	**2-3**	**4.3**	**7**	**9**	**10**	**12**	w.	

[See page 5 for explanation of reference marks].

Daily Precipitation for January 1944

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike				.95	.05	1.06																										
Hawley[2], 0.5 E	Wayne				.52	T	.61	.02	T.															.17				.10				2.33
Hollisterville[2]	Wayne			T.	1.29	.02	.34	T				T											.09	.04	T				T			1.69
Lakeville[2], 1 N	Wayne			T.	.86		.50	T.															.12	T				.07	.02	.01			1.58
Matamoras[2]	Pike				1.06		1.11	T															.12					.06	T				1.54
Mount Pocono[3], 2 N	Monroe			1.12	.22	.30	.25	T			T.					T.													.18				2.38
Pleasant Mount[1, 5], 1 W	Wayne			.07	.01	.10	.31																.27					.03	T	I	.05		2.25
Stroudsburg, 2 E	Monroe			.25	1.53	T.	.93	T															.29					.05	.07		.10		1.69
Tanners Falls[1, 5], 1 SE	Wayne			.52	.10	.23	.34																.22					T					2.93
																							.30						.06		.10		1.65
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh			1.56	.56	.55	.10																										
Allentown[2]	Lehigh			.07	2.77	.03	.76								T	T.							.07			T	T.	T.		.01		2.79
Bethlehem[1, 5]	Northampton			.96	.34	.49	.23									.03						T	.03	.01			.03	T.				3.73
Blakeslee Corners[1, 5]	Monroe			.85	.24		.25																.10				.02	.01		T		2.20
Gouldsboro[2]	Wayne			T.	1.00		.27																.18				.11			.06		1.69
Lansford[2]	Carbon			.07	1.00		.40																.14	.03				.07				1.51
Mauch Chunk, 1 SW	Carbon			.80	.08	.13	.63	T.															.15					.06				1.68
New Tripoli	Lehigh			1.29	.58	.18	.46																.15					.05				1.84
Palmerton[1, 5]	Carbon			1.67	.33	.33	.18																.11					.04	T.		T.		2.66
Zionsville, 1 SW	Lehigh			.44	.20	.50	.60									.15							.17				.02	T.			T.	§2.64	
SCHUYLKILL																							.16					.08				§2.13	
Conshohocken	Montgomery			*	1.87	*	1.20								T.	.20																	
Fredericksville[2], 1 S	Berks			.24	.89	.06	.65	T								.17							.12	T.				T.	.10			§3.57	
Freeland[2]	Luzerne			T.	1.20		.36	T	T.									T.					.03					.08				2.21	
Gratersford[2]	Montgomery			.03	1.64	.31	1.32									.41							.03	T.				.06	.07				1.67
Phoenixville[2], 1.5 SE	Chester			.18	1.84	.34	.89		T							.16							T.					.08					3.87
Port Clinton[2]	Schuylkill			.20	1.55		.51									.15							.25					.15					3.49
Pottstown[2], 0.5 S	Montgomery			.15	1.64	.27	.69									.20							.11					.08					2.81
Pottsville[2]	Schuylkill			.12	1.58		.43				T.												.08					.10					3.14
Reading[1, 5]	Berks			1.62	.46	.46	.07	T							.09	.05							.05				.06	.02			.02		2.31
Wernersville[6]	Berks			1.03	.70	.17	.31	T								.17							.08					.03			T.		2.90
LOWER DELAWARE																																	2.49
Coatesville[6]	Chester			1.10	1.55	.21	.43	T.								.10							.03					.08			T.		§3.50
Doylestown	Bucks			.71	1.05	.05	.87									.15							.04					.15					2.94
George School[6]	Bucks			.96	1.06	.30	.60								T.	.03					T.		.04				T.	.04	T.		.02		2.99
Marcus Hook[2]	Delaware			.20	1.55	.09	.87									.17							.03					.06					2.97
Philadelphia Airport Station[1, 5]	Philadelphia			1.19	.38	.81	.14								.14	.12					T.		.10				.01	.10			T.		2.99
City Office[1, 5]	Philadelphia			1.30	.33	.73	.24								.08	.10							.04				.04	.08			T.		2.94
Shawmont	Philadelphia			.87	1.00	.17	.98									.20							.08					.13	T.				3.43
Quakertown, 0.5 E	Bucks			1.02	1.54	.18	.83									.16							.08					.07					3.88
West Chester	Chester			.98	1.76	.16	.53								T.	.17							.01					.05	T.		T.		3.66
West Grove[2], 1.5 SE	Chester			.23	2.13	.13	.52									.26							.04					.03	T.				3.34
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga			.02		.06	.06																										
Centerville[2]	Bradford				.02		.11													.04	.02		.01	.11				.36	.10	.02			0.80
Covington[2]	Tioga			.15			.07	T.	T		T			T							T			.07					.15				0.35
Lawrenceville	Tioga			T.			T.		T		T.												.09					.40					0.71
NORTH BRANCH																							.10				T.	.18			.05		0.38
Canton[2], 1 NW	Bradford				.18		1.1		.03																								
Danville[2]	Montour			.05	1.27		.33																.06					.31					0.69
Millville[1, 5]	Columbia			.75		.41	.02																.14					.22					2.01
Monroeton[2], 2 S	Bradford				.20		.23	T.	.01														.12				.17	.03					1.50
Montrose[2], 3 E	Susquehanna				.06		.37	T	T.		T			T									.03	T				.17	.01				0.65
Orwell[2], 3 N	Bradford				.04		.34						T.							T.			.04	.03		T.		.12	.04	.01			0.67
Park Place[3], 1 NW	Schuylkill			1.15	.23	.32	.82		T.												T		.16	.04				T.	.10				0.68
Pikes Creek[1, 5]	Luzerne			.71	.05	.40	.20												T.				.09				.02	.06			T.		2.19
Rush[2], 6S	Susquehanna				.04		.56		.01														.12				.10	.03			.02		1.63
Scranton[1, 5]	Lackawanna			.22	.02	.09	.38	T.			T									T.			.07	.03				.06	.02	T.	T		0.79
Susquehanna[2]	Susquehanna				T.		.37																.05		T.		T	.05	T.	T.	T.		0.81
Towanda[6], 1 E	Bradford			.19	.03	T.	.21	T.	T.		T.		T	T.			T.			T.			.08	.15				.10	.19	.01			0.90
Tunkhannock[1, 5]	Wyoming			.35	.01	.38	.15													T.			.13	T.		T.	.02	12	T.		T.		0.70
Wilkes-Barre[3]	Luzerne			.49	.03	.22	.11	T.			T.												.12				.02	.08					1.11
																							.09				.08	T.		T.			1.02
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga			.14			.16	T.	.05		T.																						
Bald Eagle[1, 5]	Blair			1.50		.17	.03													.03			.11					.42					0.91
Carrolltown[2]	Cambria				11	1.67	T.	.11	.03	.02			T.	T.									.09				.33	.08			.13		2.33
Carter Camp[1, 5]	Potter	*	*	*	.25	.06	.03													.02			.19	.01				.73	.02	.04	T.		2.95
Cedar Run[2]	Lycoming				.44		.22		.04														.16				.18	.07	.02		.04		0.81
Clearfield[2]	Clearfield			1	1.20		.20	T.	T.				T							T.			.05	.03				.24					1.02
Curwensville[3] 6 NW	Clearfield	T.		1.63	T	19	.02	.01	T.	T.		T.	.02	.02					.04	T.	T	1	11					.44	T.	T.			1.95
Driftwood[1, 5]	Cameron			.54	.01	.11	.03																2				.68	.24	.04	T.	.16		3.25
Dushore[1, 5]	Sullivan			.20		.17	.10																.12				.16	.04	.03		.06		1.10
Eagles Mere[2]	Sullivan				.59		.41		T.											T.			.12				.15	.02					0.76
Emporium[2], 1 E	Cameron		T.		.04		.19	T	T.	T.	T	T								T.			.14	T.				.30	T.				1.44
English Center[1, 5]	Lycoming	*	*	*	*	66	.01													.03		T.	.22	T			T.	T.	.01	T			§§
Galeton	Potter			.18	.10	01	.18	T.													*	*	*	*	.15		.18	.03					1.03
Karthaus[2]	Clearfield			T.	.81	.03	.17						T							.05			.10				.05	.24	T		.03		0.94
Lock Haven[2]	Clinton			T.	1.05		.15													T.			.05					.32					1.38
Medix Run[1, 5]	Elk			.65		.15	.01													T			.03	T				.13	T.				1.36
Philipsburg[3], 7 E	Centre	T.		2.88	T.	.13	.02	.01	.01	T.		.02	.04						.04	.01			.10				27	.12			.10		1.45
Renovo[2]	Clinton			T.	.62		.14												T.	T.			.27				.29	.6	T.		.10		3.83
State College[1, 5]	Centre			1.39	.01	.09	.06	T.	T.			T.	T.							T			.05					.28	.06				1.15
																			T.		T.		.03				.17	.09	.01		.02		1.87

Continued on page 4.

Daily Precipitation for January 1944 – Continued from page 3

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Tamarack[2], 2 S	Clinton		T.	T.	.48		.29	.02	.01	T.		T.		T.	T.						.07			.08	.02				.18	T.	T.		1.15
Wellsboro[2]	Tioga				.21		.08		T.		T.													.09	T.				.39				0.77
Williamsport[2]	Lycoming				1.10		.21		T.															.02					.20				1.53
Williamsport[2], 4 SE	Lycoming				1.05		.17		T.															T.					.20				1.42
JUNIATA																																	
Altoona, 4.5 W	Blair			.76	.86	*	.26									.20				T.				.15					.65	T.	T.	.08	§2.76
Breezewood[1], 0.5 E	Bedford			1.10	.18	.12	.20										.20							.18				.10	.03			T.	2.11
Buffalo Mills[2]	Bedford			.27	1.88											.20								.31					.05				2.71
Burnt Cabins[1], 2 NE	Fulton			2.08	.12	.09	.08																	.10				.16	.08			T.	2.91
East Waterford[2], 3 SE	Juniata	T.	T.	.10	1.75	.01	.22	T.	T.	T.			T.	T.	T.		.10	T.			T.		T.	.08	T.				.33	T.	T.	T.	2.59
Everett[2], 0.5 SW	Bedford			.20	1.42	T	.15	T.									.11							.28					.12				2.28
Huntingdon[2]	Huntingdon			.08	.69		.34		T.															.08	T.				.44				1.63
Lewistown[2], 2 SW	Mifflin			T.	2.80		.22																	.07					.24				§3.33
Mapleton Depot[2]	Huntingdon			T.	1.68	T.	.14																	.06					.44				2.32
Martinsburg[3]	Blair			2.35	.03	.10	T.	T.	T.	T.			T.	T.						T.				.11				.37	.03	1	T.	T.	2.99
McConnellstown[2], 4 NW	Huntingdon			.11	1.59	T.	.22	T.						T.										.05					.40				2.37
Neffs Mills[1, 5], 3.5 NE	Huntingdon			1.21	.02	.10	.05																•	.08				.12	.22			.02	1.82
New Bloomfield	Perry																																
Newport[2]	Perry			.09	2.63	T.	.26	T.	T.								T.				T.			.06					.08				3.12
Saxton[2], 1 W	Bedford			.19	2.04		.16	T.	T.					T.	T.						T.			.14	T.				.22		T.		2.75
Shade Gap[1, 5], 0.5 SW	Huntingdon		.01	1.99	.16	.11	.02									.10	.02							.15				.24	.17				2.97
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams			.29	2.11	.11	.26										.55							.10					.15				3.57
Bloserville, 1.5 N	Cumberland			1.63	.85	.08	.01										.13							.08					.28			T.	§3.06
Carlisle	Cumberland			1.23	1.29	.07	.24									T.	.18							.09					.28			T.	3.38
Columbia	Lancaster			1.01	1.24	.10	.35										.28							T.									2.98
Dauphin[2], 3N	Dauphin			.08	1.96	T.	.34										.06							T.	.05				.06				2.55
Ephrata	Lancaster			.78	.50	.12	.32										.20							.08								T.	2.00
Glen Rock[1, 5]	York			1.55	.55	.34	.03									.25	.02							.06				.17	.09				3.06
Gordon	Schuylkill			1.15	.87	.02	.39																	.15					.17				2.75
Grantville, 4 NW	Dauphin			1.08	1.23	.09	.38										.09							.08					.07			T.	3.02
Hanover[2]	York			.22	2.45	.05	.40										.30							.06					.22				3.70
Harrisburg Apt[1, 5], 3.5 S	Dauphin			1.68	.34	.49	.02									.23	T				T.			.11				.05	.04			.01	2.97
Holtwood[2]	Lancaster			.12	1.50	.04	.31										.28							.02					.06				2.33
Huntsdale[2]	Cumberland			.12	2.30	.04	.24										.20							.05					.26				3.21
Kirkwood[1, 5], 1 SW	Lancaster			.92	.81	.39	.05										.11	.08															2.36
Lancaster	Lancaster			.75	.53	.06	.43										.21							.03					.02				2.03
Lebanon[2]	Lebanon			.12	1.35	T.	.48										.15							.11					.07				2.28
Middletown[1], 1.5 W	Dauphin			1.96	.60	.14	T.	T.					T.			.48	T.							.10				.04	.09			.01	3.42
Millersburg[1, 5], 2 E	Dauphin			1.20	.09	.18	.02																	.03				.04	.03			.02	1.61
Milroy[2], 5 N	Mifflin			T.	1.28	T.	.92	T.	T.	T.														.04				T.	.25			T.	§2.49
Newburg[1], 3.5 NW	Cumberland			1.45	.29	.15	.03						T.			.12								.05				.11	.23			T.	2.43
New Park	York			1.71	1.04	.25											.29							•					.20			1	3.49
Pine Grove[2], 1.5 NE	Schuylkill			.05	1.28	T.	.46		T.		T.						.02							.08	T.				.09				1.98
Ringtown[2], 1.5 SW	Schuylkill			.30	1.00	T.	.40		T.															.06	T.				.02	T.			§1.78
Selinsgrove	Snyder																																
Shippensburg	Cumberland			.92	1.62	.01	T.	T.									.36							T.					.34			T.	3.25
Sunbury[2]	N'umberland			T.	2.03		.43		T.															.03	T.				.22				§2.71
Williamstown[2]	Dauphin			•	1.60		.67	T.									T.							•					.25				2.52
Woodward[3], 2 NE	Centre			2.11	.03	.16	.04	T.	T.		T.		T.	T.						T.	T.	T.		T				.10	.04	T.		.06	2.54
York, 3 SW	York			1.12	1.13	.08	.44										.29							.05					.29				3.40
York Haven[2]	York			.22	2.33	.01	.49										.22							.06	.01				.08				3.42
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin			.27	1.56	.01	.17										.35							.08					.20				2.64
Gettysburg	Adams			.98	1.41	.08	.19										.35							T.					.12				3.13
Hewitt[1, 5], 2 SW	Bedford			1.59	.15	.09	.03									.46								.11				.03	.02				2.48
Hyndman[2]	Bedford			.38	1.40		.11	T.									.27							.24					.05				2.45
McConnellsburg[2]	Fulton			.30	2.78	T.	.15										.30							.08					.16				3.77
Mercersburg	Franklin			*	*		2.08										.40							.13					.15				2.76
South Mt. San't'm[2]	Franklin			.21	2.90	.01	.21										.61							.06					.29				4.29
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny			.07	.94		.31	T.	.01					T.	T.						.06			.11	.01				.20		T.		1.71
Allens Mills[1, 5]	Jefferson			.73	.01	.18	.03							.01										.12				.55	.15			.14	2.07
Blairsville[2], 6 NE	Indiana			.15	.77		.21	T.	T.	.01	T.		T.	T.	T.						.15			.05	T.				.62	.01	1	.01	1.87
Boswell[2], 6 NW	Somerset			.14	1.10		.27	T.	.03				T.	.03	T.						.04	T.		.55					.17				2.29
Bradford, 4 W	McKean			T.	T.		.18	.08	T.				T.	T.						T.	.13			.18	.05			.08	.41	.12		.06	1.29
Brookville[3]	Jefferson			.90		.24	.01	.02	.01	T.		T.	.01	T.							.06	T.	T.	.02				.93	T.	.01	T.	.09	2.30
Buckstown[1, 5]	Somerset			1.15	.24	.05	.02															.03		.28					.07	.04			.03	1.91
Clarion[2], 3 SW	Clarion			.01	.75		.27		T.	T.				T.	T.									.11					.90	.01	.05		2.23
Coudersport	Potter			.09	.05	.01	.20	.03					T.								.13			.16	T			.07	.32	.05		.02	1.09
Derry[6]	W'moreland			1.27	.42		.41			T.											.09			.15				T.	.30	T.		.10	2.71
Donegal[1]	W'moreland			.65	.03	.22	.10	T	.03											.03				.18				.10	T.	T.		T.	1.34
Dunlo[1, 5], 0.5 SW	Cambria			1.37	.30	.06	.06																	.06				.27	.12			.11	2.50
Ebensburg[2]	Cambria			.17	1.32	T.	.15		T.					T.							T.			.17					.76	T.	T.		2.57
Ford City[2], 4 S	Armstrong			.07	1.16		.28	T.	T.	T.					T.						.05			.09					.75		T.		2.40
Franklin[2]	Venango				.47		.29	T.	T.												.12			.12					.99	T.			1.99
Glen Hazel[2], 1 NE	Elk		T.		.21		.17	.01	T.					T.	T.	T.					.08			.08	T.		T.	T.	.29	.04	T.		0.88
Home[1, 5]	Indiana			.98	.02	.20	.01														.03			.22					.67	.09		.13	2.35
Indiana	Indiana			.74	.42		.25		T.				T								.05			.18				T.	.80	.04		.02	§2.50
Johnstown[6], 0.5 W	Cambria			1.18	.31		.23	.02	.02				.01											.03					.08	.49	.03	.01	.12	2.53
Kane[1], 1 N	McKean			.13	T.	.20	.07	.06	.01	T.			.02	T.							.15	.05		.24		T.			.22	.11	.10		.17	1.53
Kregar[1], 4.5 SE	W'moreland			.96	.18	.22	.06	T.	T.						T.						.01			.03					.13	.05	T.		.08	1.72
Lycippus, 1.5 E	W'moreland			1.17	.32		.36	.01	T.												.08	.01		.12						.16	T.	T.	.09	2.36
Marienville[1, 5]	Forest			.34	.02	.12	.04			.05												.12		.18				.48	.14	.06		.11	1.63
Meadville[2], 1 S	Crawford				.13		.42	.02	.01	T.	T.		T.	.01								.12		.20				T.	1.00	.05	T.		1.96
Mosgrove[2]	Armstrong			T.	1.14		.26	.03	T.	T.	T.			T.	T.									.05	.01				.62	.02	.03		2.22
Parkers Landing[2]	Armstrong				.98		.30							.03								.06							.80				2.19
Pittsburgh Cty Of[1, 5]	Allegheny			.98	.01	.38	.01	T.	T.				T.	T.	T.							.08						.08	T.	T.	T.	.05	1.59
Port Allegany[2]	McKean		T.		.07		.02	.01	.01	T.	T.		T.	T.	T.						T.		T.	.04	T.	T.			.20	T.			.34	.03	.01	0.73

Continued on page 5.

Daily Precipitation for January 1944—Continued from Page 4

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Punxsutawney[2]	Jefferson			T.	1.25		.18	T.						T.							.09			.15				.75	.01	.01		2.44
Putneyville[2], 2.5 SE	Armstrong			.03	1.19		.35	.01	T.					T.							.07			*.10*				.91	.01	T.	T.	§2.70
Ridgway[2]	Elk				.34		.12	.03	.02					T.							.03			.06	T.			.42	.04	.01		1.07
Saltsburg[2]	Indiana			.11	1.22		.31	T.	T.	T.				T	T.						.04			.17				.33		T.	T	2.18
Seward[2]	Indiana				1.90																			.10				.54				2.54
Sheffield[1, 5, 6 W]	Warren			.14		.06	.06	.04												.10	.06			.19			.43	.07	.05		.10	1.30
Smethport[1, 5], 1 SW	McKean			.07	.02	.08	.05													.02				.22			.18	.04	.09		.06	§0.83
Strongstown[1, 5]	Indiana			.97	.16	.15	.05													.04				.20			.78	.12			.05	2.52
Tionesta[2], 1.5 SE	Forest				.47		.30	.01	.02					T.							.13			.23				.79	.03	T		1.98
Titusville, 2 S	Crawford			.16	.04		.34	.01	T.	T.			.01	.01						.04	.07			.19			.03	.88	.06		.11	1.95
Union City[1, 5]	Erie					.19	.05	.03												.03				.18			.45	.06			.02	0.96
Vandergrift[1]	W'moreland			1.08	.09	.26			T.				T.							.08				.09			.30	.22			.05	§2.17
Warren[2]	Warren				.20		.13	T.	T.	T.			T.	T.							.15			.11			T.		.35	.50	.10		1.54
Youngsville[1, 5]	Warren			.02		.32	.06	.09					.02															.37	.08	.06		.18	§§
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset			.30	1.01		.20	T.	T.	T.				T.	T.		.03				T			.38	T.				.08		T.		2.00
Connellsville[2]	Fayette			.22	.77		.33																	.13					.16				1.61
Donora[1]	Washington			1.19	T.	.15	T.	.02	T.											T.	T.			.06			.08	.06	T.		.04	1.60
Greensboro[2]	Greene			.23	.85	T.	.22	T.		T.	T.						T.				T.			.17				.01				1.48
Greensburg, 2 S	W'moreland			.68	.26		.26	T.	T.												.04			.08			T.	.18	T.	T.	.06	1.56
Irwin	W'moreland			.70	.25		.30	T	T				T.	T.						T.	.03			.11			T.	.13	T.	T.	.03	1.55
Meyersdale[2]	Somerset			.34	1.20	T.	.13	T.									.26							.40	T.			.14				2.47
Murrysville, 1, 5	W'moreland			1.18	.01	.24														.04				.14			.15	.05			.06	1.87
Newell[7]	Fayette			.70	.90		.20																	.11				.40				2.31
Pittsburgh Arpt.[1, 5]	Allegheny			.72	.01	.20	.04	T.	.01	T.			T.	T.						.08		T.	.09			.09	.01	T.	T.	.06	1.26
Rices Landing[2]	Greene			.20	.71		.18														.12			.15				.12				1.48
Somerset	Somerset			.72	.37		.21	T.	T.					T.			T.				T.			.29				.14		T.	.02	1.75
Springs[6], 1 SW	Somerset			1.13	.12		.20		.01							.21	.10				T.			.42				.07	T.	T.	.08	2.34
Uniontown	Fayette			.82	.19		.28													T.	.02			.19				.09			.02	1.61
Waynesburg	Greene			.88	.20		.15																	.14							.04	1.41
BEAVER																																	
Beaver Falls[2]	Beaver			.02	1.01		.24	T.	T.	T.	T.			T.	T.						T.			.08	T.			.25		T		1.60
Butler	Butler			.15	.83		.47						T.	T.							.09			.05				.74	T.		T.	2.33
Greenville	Mercer			.47	.19	.06	.41	.10		.01				.01	.01					.13	.03			.22				.75			.18	2.57
Jamestown[2], 2 NW	Mercer				.31		.45		.01				T.	T.							.08			.29				.74	.02			1.90
Mercer Arpt.[3], 2.5 NE	Mercer	T.		.45		.35	T.	.01	T.	T.		T.	.02	T.						.11	T	T.	14	.08			.83	T.	.06	T.	.10	2.15
New Castle, 1.5 N	Lawrence			.04	.80		.60	T.	.01											*	.10			.26				.77			.05	2.63
Pennline, 2, 1 S	Crawford				.04		.49	T.	.05	T.			T.	.02							.05	T.		.16			T.	.89	.02	T.		1.72
Sharon[2]	Mercer				.95		.44	T.						T.							.14			.25				.75				2.53
OHIO																																	
Claysville[2]	Washington			.16	.97		.35														.03			.09				.07				1.67
Coraopolis[2], 1 E	Allegheny			.12	.80				T.	T.														.10				.17				1.19
Midland[2]	Beaver			.07	.80		.26	T.	T.					T.							.03			.11				.11				1.38
Mt. Lebanon[6]	Allegheny			.86	.10	.30	T.	T.	T.				T.	T.						T.				.08			.08	.03			.05	1.50
Washington[1, 5]	Washington			.79	.06	.28															.06		.06	.05			.13				.02	1.45
LAKE DRAINAGE																																	
Erie[1, 5]	Erie						T.	T.	T.	.02	T.			T.	T					.11	T.		T.	.04		T.		.40	.24	T.		.04	0.85
Raymond[1, 5]	Potter			.11	.02	.20	.08													.06	.04			.19				.33	.04	.03		.08	§1.18

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Boswell	formerly	Laurel Hill Summit
Dauphin	"	Peters Mountain Tower
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Williamsport 4 SE	"	Shaffers Path

Daily Temperatures for January 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown Arpt.[3-4] NE..	Maximum..	40	40	45	40	35	37	34	24	26	32	38	35	30	40	32	35	30	38	36	37	39	41	40	38	46	53	58	50	44	40	41	38.5
	Minimum..	25	19	26	33	33	26	21	11	10	18	15	19	18	19	22	14	11	20	28	25	21	31	31	24	22	33	30	37	34	31	22	23.5
Allentown /.....	Maximum..	41	33	36	43	38	40	36	26	27	34	38	36	34	44	34	34	32	39	36	38	39	43	43	40	48	57	60	47	46	41	41	39.5
	Minimum..	20	17	19	26	34	33	25	19	11	11	16	16	20	20	20	25	12	10	21	28	24	24	32	29	24	26	32	32	37	33	21	23.1
Altoona-4.5 SW.....	Maximum..	29	32	33	46	..	....	31	23	22	32	42	36	26	37	32	30	33	40	38	41	46	44	40	37	42	58	57	60	55	38	40	38.6[b]
	Minimum..	20	15	25	31	....	....	19	12	2	10	8	15	13	15	21	21	11	20	19	24	25	25	29	21	15	36	37	44	32	28	22	21.2[b]
Arendtsville[6].....	Maximum..	38	34	36	47	39	37	35	29	29	33	42	38	33	45	36	35	30	37	35	37	39	44	40	41	49	63	65	64	54	41	40	40.8
	Minimum.	22	20	30	35	34	30	25	18	10	17	16	23	17	18	25	12	8	13	17	26	19	28	30	24	22	34	37	40	37	32	23	28.9
Bethlehem[1].....	Maximum..	38	32	32	41	37	36	31	22	24	32	40	34	29	42	34	33	33	42	36	38	36	42	40	40	49	60	60	54	43	39	41	38.4
	Minimum..	26	20	26	31	32	25	22	11	10	19	17	22	20	21	28	16	12	24	29	30	25	35	36	28	28	38	32	38	36	27	22	25.4
Bradford-4 W.....	Maximum..	30	36	35	45	37	36	24	19	21	30	36	34	22	35	34	34	39	42	42	40	37	44	43	39	45	58	46	57	54	32	33	37.4
	Minimum..	20	18	22	29	15	23	17	8	− 4	11	2	13	4	6	2	2	0	11	20	32	30	28	29	5	15	31	31	34	30	25	15	16.6
Brookville[3].....	Maximum..	28	39	35	47	38	33	26	20	25	29	36	24	24	36	34	34	38	33	46	37	41	42	38	35	51	58	51	58	35	33	34	36.7
	Minimum..	19	20	30	27	27	21	17	9	12	12	7	14	15	15	12	17	10	16	23	32	32	28	21	13	17	30	30	35	31	18	18	20.3
Burnt Cabins[1-2 NE....	Maximum..	32	32	34	41	34	33	34	24	24	33	42	35	27	41	34	34	32	42	43	44	45	44	38	42	32	57	58	60	48	36	40	38.5
	Minimum..	13	13	27	26	24	24	24	14	3	11	8	17	16	12	20	10	8	9	11	22	20	27	32	18	21	29	30	40	34	26	19	19.6
Butler.....	Maximum..	27	32	39	46	52	42	34	25	25	27	34	40	22	28	38	39	33	37	43	45	40	40	40	45	50	58	65	58	59	36	35	39.7
	Minimum..	20	25	22	34	34	28	22	17	7	15	11	16	14	15	11	12	18	15	23	33	33	33	28	24	20	36	36	50	33	33	22	28.5
Carlisle.....	Maximum..	36	35	38	44	42	44	37	30	25	36	40	40	40	45	40	35	32	38	35	35	47	44	43	44	46	60	64	65	60	46	42	42.2
	Minimum..	21	14	25	30	33	30	24	18	9	18	12	21	18	14	21	21	1	11	11	27	14	26	26	23	20	28	30	41	38	32	20	21.8
Chambersburg[6-1 SW...	Maximum..	39	34	35	49	37	37	35	27	29	32	41	40	32	43	36	37	30	35	34	34	45	45	42	43	48	57	63	66	54	42	40	40.7
	Minimum..	25	18	28	32	32	30	24	18	10	19	13	23	19	16	22	10	3	8	10	26	17	32	31	26	22	30	33	45	38	34	25	23.2
Clarion[6-3 SW.....	Maximum..	28	39	36	50	40	39	29	21	26	32	39	38	26	37	36	35	37	37	47	40	42	45	42	35	43	60	48	59	49	34	35	38.8
	Minimum..	13	13	31	32	24	26	19	13	8	6	6	16	16	11	11	15	9	12	22	32	31	33	32	15	16	38	29	41	32	30	17	20.9
Claysville /.....	Maximum..	30	38	36	46	44	34	29	21	25	32	42	27	27	37	38	36	42	43	48	43	45	44	41	44	60	61	58	61	35	40	39	40.2
	Minimum..	17	15	24	32	32	30	20	10	2	9	13	14	6	4	15	22	13	14	17	29	24	24	24	17	17	33	37	48	34	30	21	20.9
Coatesville[6].....	Maximum..	38	43	36	41	41	40	37	30	26	32	41	35	31	42	36	32	39	42	34	39	35	45	43	40	47	63	66	65	49	42	45	41.1
	Minimum..	22	20	27	33	35	31	26	22	11	20	15	24	18	20	24	19	7	21	26	31	25	27	34	30	23	36	30	45	39	33	23	25.7
Columbia.....	Maximum..	38	35	36	45	42	40	38	35	31	35	42	37	33	44	40	37	35	38	37	39	38	46	43	42	50	64	64	66	60	46	43	42.5
	Minimum..	24	16	27	33	33	33	24	19	10	18	14	23	19	11	19	22	2	10	17	34	19	25	30	23	24	19	30	43	34	32	21	22.8
Coudersport.	Maximum..	29	34	34	47	35	34	24	20	22	30	35	33	27	35	33	37	35	40	38	37	39	45	38	40	45	60	48	58	54	35	34	37.3
	Minimum..	21	18	24	19	20	20	18	6	− 12	2	− 1	12	11	13	5	7	− 2	12	19	28	26	24	30	5	9	30	29	37	32	25	13	16.1
Curwensville[3-6 NW....	Maximum..	24	30	33	40	32	32	22	17	19	27	34	25	21	32	29	28	30	37	34	34	39	39	33	35	49	58	48	56	31	29	33	33.2
	Minimum..	18	20	25	26	26	16	13	2	5	9	15	10	10	10	12	13	14	20	25	27	28	26	19	12	23	38	44	31	28	16	17	19.3
Derry[6].....	Maximum..	31	42	38	49	41	40	30	22	26	31	42	38	26	39	40	40	44	44	52	43	48	45	47	40	59	62	58	62	52	35	41	42.2
	Minimum..	21	16	34	33	31	25	19	16	7	15	13	17	14	16	21	27	20	24	27	32	33	31	33	24	23	36	41	50	33	31	23	25.4
Donegal[1].....	Maximum..	30	38	34	46	41	35	30	20	24	30	39	35	23	35	36	36	41	45	49	39	45	45	42	42	56	59	57	60	43	32	40	39.6
	Minimum..	18	14	30	32	28	24	21	8	4	8	12	14	11	12	14	22	16	19	24	27	27	24	28	18	20	30	33	42	30	20	21	21.0
Donora[1].....	Maximum..	35	39	40	46	49	41	33	24	25	34	44	40	29	40	42	39	43	40	53	45	49	48	43	40	46	63	61	64	46	40	42	42.7
	Minimum..	25	22	36	37	36	28	21	14	10	18	22	18	15	18	24	29	21	24	32	30	32	32	36	26	28	36	46	46	35	33	28	27.7
Eagles Mere /.....	Maximum..	30	30	39	34	32	31	25	20	19	27	30	25	26	31	30	25	24	31	28	36	40	41	38	35	42	54	53	58	37	34	33	33.4
	Minimum..	21	21	21	24	24	28	14	11	0	1	2	17	11	9	9	12	9	12	18	25	24	23	26	16	13	24	40	37	31	25	16	18.2
East Waterford[6-3 SE...	Maximum..	27	27	33	38	32	31	26	21	19	29	35	33	23	36	32	29	25	39	30	41	42	39	34	36	50	61	60	60	52	34	36	35.8
	Minimum..	20	21	24	29	29	22	17	12	2	13	21	14	13	16	25	18	12	26	36	41	39	33	34	30	44	47	49	31	27	24	24	24.0
Ebensburg /.....	Maximum..	25	35	33	39	36	28	28	18	17	26	37	17	20	32	34	28	36	44	40	36	41	39	33	34	50	55	55	55	35	28	36	34.5
	Minimum..	14	17	17	23	24	27	20	12	4	10	9	14	12	10	15	19	16	15	25	27	28	29	27	20	20	29	38	46	31	26	21	20.8
Emporium[6-1 E.....	Maximum..	28	36	35	48	36	36	26	21	26	32	37	37	27	37	33	36	38	40	39	39	43	46	39	38	45	63	42	61	51	37	35	38.3
	Minimum..	21	28	28	27	21	22	21	12	0	9	4	17	12	14	9	12	3	17	12	30	30	26	32	12	15	27	31	39	34	29	14	19.6
Ephrata.....	Maximum..	40	36	36	45	40	41	37	30	31	35	43	35	34	45	36	39	37	42	36	35	40	45	42	42	50	62	62	66	56	46	45	42.2
	Minimum..	17	18	29	34	35	33	26	20	11	20	16	26	19	18	22	24	2	14	18	30	23	25	33	29	22	29	32	44	34	33	24	24.5
Erie[1].....	Maximum..	31	34	37	35	42	33	28	23	21	31	36	21	24	33	33	30	31	39	42	38	42	46	35	38	52	61	56	48	36	33	37	36.3
	Minimum..	27	27	32	27	27	27	22	14	19	18	21	18	19	21	24	18	20	21	37	31	34	30	25	18	31	50	40	32	32	29	27	26.4
Everett[1-0.5 SW.....	Maximum..	36	34	36	46	36	41	31	25	26	35	43	40	27	42	42	39	34	39	34	39	41	45	45	41	37	55	60	53	60	53	35	40.1
	Minimum..	17	15	29	26	29	30	18	11	4	8	2	20	20	15	23	15	10	7	10	21	18	27	31	21	18	25	30	40	35	23	20	19.9
Ford City[6-4 S.....	Maximum..	30	41	38	51	42	40	30	21	21	32	43	43	28	39	40	40	34	51	41	45	45	41	37	55	60	53	60	53	35	48	41.2
	Minimum..	16	15	30	28	26	26	17	12	15	12	7	14	11	13	14	21	10	13	26	33	29	33	30	20	23	26	30	43	31	28	18	21.6
Franklin /.....	Maximum..	29	39	36	53	41	33	29	19	26	32	39	22	27	39	36	37	40	44	42	40	43	47	36	35	49	62	55	59	36	34	36	38.5
	Minimum..	18	24	25	34	25	30	25	18	7	11	11	12	17	16	15	16	12	12	17	29	33	32	27	17	18	18	32	34	34	32	20	21.6
Fredericksville-1 S..	Maximum..	40	34	35	41	40	39	33	30	24	32	40	37	30	42	38	34	35	43	38	38	40	44	40	38	47	62	63	58	45	40	45	40.2
	Minimum..	22	14	25	28	33	32	22	15	2	12	10	22	15	18	19	25	3	15	21	22	18	27	28	24	11	22	29	44	35	30	14	21.2
Freeland..	Maximum..	34	30	32	37	33	31	27	20	20	25	35	32	21	33	31	30	28	40	33	36	39	38	35	35	48	54	52	55	51	35	34	35.0
	Minimum..	19	20	23	26	29	24	16	9	1	11	18	18	19	14	21	10	14	20	25	26	27	30	29	18	18	40	43	39	32	25	18	22.0
George School[6].....	Maximum..	41	34	37	38	38	40	36	29	29	35	43	34	34	43	35	37	40	44	39	43	35	47	45	40	50	50	66	56	43	44	44	40.9
	Minimum..	21	18	27	33	35	31	24	18	10	18	15	23	19	19	23	19	9	9	28	28	28	27	27	28	22	32	32	38	37	30	21	24.2
Gettysburg.....	Maximum..	38	35	35	44	43	38	36	34	27	34	41	38	31	43	43	35	31	37	36	36	39	45	45	40	48	65	66	65	64	42	41	41.8
	Minimum..	25	18	29	34	34	33	20	19	11	20	15	28	19	23	26	23	9	7	9	28	20	31	31	27	22	31	33	40	41	35	25	24.7
Gordon.....	Maximum..	35	33	36	40	38	35	31	26	24	30	41	36	29	41	38	33	34	42	35	42	43	41	38	36	50	61	63	61	54	39	42	39.6
	Minimum..	20	15	27	32	30	31	20	18	5	11	11	20	16	11	11	21	7	15	19	30	17	25	27	24	15	26	29	43	31	31	16	21.1
Greensburg-2 S.....	Maximum..	32	42	38	48	45	42	32	24	25	31	43	39	27	40	40	39	43	45	50	43	48	46	43	41	60	62	58	60	57	35	40	42.5
	Minimum..	11	13	30	33	27	30	19	16	7	9	12	16	7	9	13	26	12	14	20	22	29	19	29	16	17	24	20	36	33	31	16	19.9
Hanover /.....	Maximum..	38	34	36	43	36	39	37	31	29	35	45	37	33	42	36	33	33	39	35	37	44	46	45	41	53	66	67	66	47	46	43	41.7
	Minimum..	22	21	29	30	33	33	26	20	11	16	19	23	18	19	22	24	10	15	15	24	27	27	33	26	26	28	36	37	41	34	26	24.9
Harrisburg Arpt. [1-3.5 S.	Maximum..	34	35	38	42	40	38	36	28	27	34	40	39	32	45	37	32	31	36	35	37	47	46	43	42	50	63	68	65	50	44	42	41.0
	Minimum..	27	20	27	35	32	31	23	17	12	20	19	22	21	19	26	8	9	13	17	24	22	34	34	26	25	32	35	40	39	32	25	24.6
Hawley-0.5 E.....	Maximum..	37	34	29	44	39	37	32	22	23	30	36	31	31	37	30	33	33	37	32	42	44	45	39	36	37	57	58	52	39	36	38	37.1
	Minimum..	14	7	22	27	29	30	13	10	0	2	− 6	15	15	10	5	20	− 9	5	10	21	14	35	27	22	7	31	28	36	34	24	10	16 4
Holtwood[1].....	Maximum..	37	37	38	43	38	39	37	28	28	35	39	37	32	44	36	30	38	38	36	41	36	48	43	39	47	55	66	64	50	43	43	40.8
	Minimum..	27	22	30	36	35	34	27	24	14	20	20	25	19	14	27	14	9	18	22	29	27	26	35	27	23	32	34	37	40	34	27	26.1
Huntingdon[6].....	Maximum	34	35	37	42	36	36	31	25	27	35	43	40	30	42	36	36	36	41	32	41	50	45	40	42	50	65	66	65	57	40	41	41.2
	Minimum..	20	14	28	32	25	30	21	19	8	14	8	21	20	18	18	20	13	19	19	27	23	29	30	21	17	25	30	46	38	33	18	22.7
Indiana.....	Maximum..	29	38	39	45	45	39	30	21	23	30	40	39	25	37	37	36	40	42	49	46	44	44	42	38	53	59	56	59	59	33	48	40.8
	Minimum..	17	22	33	35	33	27	21	16	21	13	19	11	14	14	21	24	25	32	33	32	31	38	33	24	29	37	42	49	32	30	24	26.8
Irwin.....	Maximum..	32	42	42	43	43	43	34	26	24	30	41	41	27	40	40	39	42	42	49	46	47	47	42	42	50	59	59	61	61	36	37	42 2
	Minimum..	24	15	35	32	30	29	23	15	5	12	15	15	13	12	19	27	14	17	21	28	29	25	19	22	20	32	37	37	33	30	22	22.8
Jamestown /-2 NW.....	Maximum..	28	36	35	43	40	31	30	19	21	31	34	20	25	38	34	30	30	44	38	41	42	44	34	33	55	66	54	56	34	32	32	36.5
	Minimum..	11	20	21	30	25	26	19	15	8	7	10	15	13	11	14	15	9	10	12	21	30	28	26	12	19	27	35	42	31	27	19	19.6
Johnstown[6-0.5 W	Maximum..	28	34	35	45	39	34	26	19	23	33	40	37	24	38	35	39	40	48	45	39	40	48	43	40	39	54	55	56	60	52	32	39 4
	Minimum..	20	16	28	33	30	26	19	13	6	13	8	15	13	17	22	23	15	23	25	31	29	29	31	27	24	34	39	49	32	28	22	23.9
Kane[1-1 N.....	Maximum..	26	36	34	44	34	34	24	16	21	28	36	30	22	34	32	29	38	41	44	37	48	44	37	37	48	59	50	56	35	31	34	36.1
	Minimum..	12	15	25	18	16	16	15	4	2	4	2	13	5	4	4	0	0	18	22	30	31	22	25	− 1	10	28	22	33	28	13	12	14.5

Continued on page 7.

Daily Temperatures for January 1944 —Continued from page 6

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Lancaster	Maximum	39	37	40	45	45	41	38	36	30	35	41	40	38	45	41	37	37	40	37	40	40	47	46	42	46	50	61	63	50	46	44	43.6
	Minimum	20	16	28	33	33	32	23	19	10	18	13	20	15	10	18	19	3	8	12	31	20	20	30	26	28	20	29	41	33	32	32	21.5
Lawrenceville	Maximum	33	37	34	44	36	36	27	23	26	34	38	38	39	42	33	31	37	45	36	45	45	50	41	40	43	62	56	61	46	36	35	39.0
	Minimum	9	27	25	24	20	26	17	8	3	13	6	18	20	17	11	14	3	20	19	28	27	28	32	17	16	32	52	36	33	20	18	20.2
Lebanon	Maximum	38	35	37	44	37	39	34	29	27	35	43	32	32	45	36	40	32	41	35	40	43	44	42	41	51	61	62	66	42	44	44	41.1
	Minimum	21	18	19	26	35	33	25	20	10	10	18	20	19	17	17	24	8	14	14	30	21	21	33	27	25	25	30	34	34	32	24	22.7
Lewistown -2 SW	Maximum	34	38	38	43	40	38	33	28	28	34	42	30	31	43	36	36	37	38	32	43	50	45	41	41	50	66	64	66	44	43	42	41.1
	Minimum	23	16	29	29	28	31	28	21	9	10	13	12	20	21	23	23	23	20	18	20	23	25	31	20	21	22	28	30	16	32	22	23.4
Lock Haven[6]	Maximum	33	36	35	42	37	37	32	26	29	33	30	36	30	38	32	35	32	32	32	42	48	44	41	41	43	57	56	64	42	42	36	38.7
	Minimum	25	20	29	32	27	28	19	21	3	15	10	20	13	19	17	19	9	19	18	29	32	35	33	22	20	29	33	40	36	35	26	25.5
Marcus Hook[1]	Maximum	42	39	43	44	43	44	41	32	30	36	42	38	34	47	40	36	40	45	39	43	40	52	49	43	40	67	66	64	52	46	47	44.3
	Minimum	29	28	33	35	36	33	28	23	15	25	28	27	24	27	30	24	19	30	34	33	30	31	38	34	30	38	36	47	40	44	30	30.5
Martinsburg[3]	Maximum	31	31	34	40	34	34	29	20	21	28	37	33	22	37	31	32	32	38	31	40	43	39	45	36	45	55	53	58	40	32	38	35.8
	Minimum	18	17	27	27	29	26	17	5	4	10	10	16	14	18	23	19	21	16	21	26	29	32	26	20	22	10	42	40	32	26	24	22.5
Mauch Chunk-1 SW	Maximum	36	35	34	39	40	38	34	28	21	27	29	34	29	35	...	37	29	36	...	43	41	42	..	40	43	56	56	55	43	39	37	37.7
	Minimum	22	15	25	32	32	32	20	16	7	12	3	19	10	15	19	...	0	15	16	..	15	23		23	13	29	28	39	33	30	13	19.9
Meadville -1 S	Maximum	29	37	37	45	41	33	24	18	23	31	36	20	26	38	35	30	40	45	39	36	41	47	32	35	51	61	56	57	35	32	34	36.8
	Minimum	19	23	24	30	24	28	21	16	8	9	12	17	13	9	15	16	9	11	14	31	29	29	29	14	14	28	33	36	32	30	26	21.1
Mercer[3-2 5 NE.	Maximum	27	38	35	42	40	31	26	17	22	30	37	20	24	35	37	38	38	45	40	37	43	46	34	33	50	58	52	56	36	31	34	36.5
	Minimum	22	22	31	27	27	22	17	7	10	10	17	15	12	12	18	16	14	14	29	31	31	27	18	10	23	37	42	34	29	20	16	21.3
Middletown[1]-1.5 W.	Maximum	35	36	37	42	38	40	36	28	28	34	40	39	31	44	38	32	32	35	35	41	50	44	40	41	47	58	63	64	49	43	47	40.9
	Minimum	20	19	27	34	34	33	23	21	11	21	16	23	22	16	22	8	3	12	15	28	22	31	31	27	25	36	32	34	38	29	25	23.6
Midland[1]	Maximum	33	37	40	46	45	40	30	22	26	32	41	39	27	36	39	35	38	35	44	43	46	45	40	40	61	57	55	59	44	36	39	40.3
	Minimum	21	24	32	33	31	26	17	13	10	15	17	16	14	15	21	22	18	19	29	30	33	29	29	27	26	32	39	39	35	27	23	24.7
Montrose -3 E	Maximum	31	31	34	37	36	31	28	9	20	26	32	23	26	33	29	22	28	34	32	39	39	42	32	33	40	51	53	40	33	28	34	32.3
	Minimum	16	23	24	25	25	29	14	5	- 1	0	14	16	13	10	15	10	7	10	20	25	24	24	30	17	16	22	38	34	31	20	15	18.4
Mt. Lebanon[6]	Maximum	30	38	37	44	43	38	30	21	24	31	42	37	28	39	37	33	41	38	49	41	46	46	41	39	62	62	57	61	46	37	38	40.5
	Minimum	20	20	33	33	32	25	16	10	7	13	23	14	11	14	24	26	21	20	32	28	27	29	28	22	26	42	47	46	33	30	28	25.2
Mt. Pocono[3-2 N.	Maximum	33	32	31	38	34	31	24	16	18	26	33	29	25	34	30	28	28	39	33	40	39	40	33	34	47	54	53	43	37	30	34	33.7
	Minimum	15	16	21	28	29	18	16	3	2	10	11	11	11	13	13	6	4	18	20	22	23	26	26	16	17	38	37	32	30	18	14	18.2
New Bloomfield	Maximum																																
	Minimum																																
Newburg[1-3.5 NW	Maximum	42	40	44	50	37	37	36	27	30	35	40	40	30	42	38	38	30	42	40	33	50	50	46	48	48	58	64	65	55	42	42	42.5
	Minimum	20	18	26	32	32	30	22	18	8	17	14	20	20	22	28	16	12	14	22	22	20	22	32	24	22	32	37	45	38	32	22	23.8
New Castle-1.5 N.	Maximum	30	34	38	41	43	43	30	26	25	32	41	40	29	40	40	40	37	39	40	41	47	48	44	37	57	64	62	60	58	49	48	41.7
	Minimum	19	24	29	32	30	30	23	17	8	14	15	18	17	14	17	20	14	19	27	32	34	28	32	24	23	32	35	44	35	32	21	24.5
Palmerton[1]	Maximum	40	33	34	43	38	39	34	23	26	32	36	35	31	42	33	35	30	38	35	42	41	43	41	40	46	56	62	50	46	40	35	38.8
	Minimum	22	19	26	34	35	26	22	12	5	15	8	21	20	18	22	13	7	19	22	27	23	31	31	26	21	34	35	41	38	27	19	23.2
Park Place[3-1 NW	Maximum	30	28	34	33	31	31	25	15	16	26	33	32	22	35	29	24	26	39	28	36	37	38	32	28	46	54	55	56	39	32	33	33.0
	Minimum	19	23	23	28	29	17	14	2	2	12	18	14	11	15	22	10	9	23	25	27	26	30	28	19	25	42	43	39	28	20	20	21.4
Philadelphia Arpt [1]	Maximum	40	36	41	41	42	42	38	30	28	34	39	35	32	44	38	35	40	44	36	37	33	48	45	40	48	66	64	55	45	45	45	41.5
	Minimum	25	25	32	35	36	31	24	18	12	21	19	23	21	21	25	17	14	29	29	29	28	28	32	23	25	32	32	43	36	31	24	26.6
Philadelphia C.O.[1]	Maximum	41	36	40	42	41	41	37	30	30	35	40	38	33	44	39	37	39	45	39	38	34	48	46	43	48	66	64	57	47	45	43	42.1
	Minimum	29	29	31	35	36	31	27	19	14	24	27	24	23	24	30	24	20	32	33	31	27	30	37	34	31	39	38	45	39	32	28	29.8
Phila. Shawmont	Maximum	40	38	39	41	40	40	37	33	27	34	40	37	31	43	42	38	36	44	40	40	37	47	45	42	48	62	65	65	49	43	42	42.1
	Minimum	23	20	28	34	35	35	24	20	12	20	18	23	22	16	23	26	10	22	28	27	28	25	31	28	20	30	33	45	40	34	20	25.8
Philipsburg[3-7 E	Maximum	26	29	33	38	32	33	24	17	18	26	36	31	20	31	31	28	28	37	33	35	40	39	34	33	48	56	53	57	34	33	35	33.8
	Minimum	20	15	24	20	26	18	14	1	2	4	4	11	13	13	10	16	25	25	29	29	29	24	14	15	31	33	34	30	15	13	18	18.4
Phoenixville-1.5 SE	Maximum	41	36	36	42	42	43	38	32	35	38	49	49	39	47	47	40	42	48	42	44	35	48	46	42	52	66	66	61	49	49	53	45.1
	Minimum	19	15	26	34	35	34	22	16	11	19	11	20	17	15	19	19	- 2	14	20	22	23	19	28	23	17	27	30	43	35	30	18	22.0
Pittsburgh Arpt Sta.[1]	Maximum	30	38	36	44	43	37	29	21	24	31	40	34	25	38	37	35	41	36	48	41	45	45	41	40	62	62	57	60	41	38	38	39.9
	Minimum	21	22	32	33	32	26	18	9	8	13	24	14	13	13	26	26	24	22	31	28	31	30	30	23	31	42	47	41	32	29	28	25.8
Pittsburgh City Office[1]	Maximum	33	41	40	47	45	37	32	23	26	32	43	32	29	42	39	36	42	39	49	44	47	46	44	36	61	64	59	62	42	38	40	41.6
	Minimum	26	25	35	35	35	29	20	13	11	18	23	19	19	18	28	28	24	26	31	34	34	35	32	28	29	39	48	42	34	31	30	28.4
Port Clinton/	Maximum	37	32	37	42	56	38	33	32	25	31	37	27	29	42	35	35	32	40	35	33	41	40	45	43	45	62	64	50	42	38	40	39.3
	Minimum	19	15	14	28	33	32	25	20	9	10	10	12	19	15	18	24	5	20	20	19	20	27	29	28	17	27	29	40	29	34	17	21.4
Putneyville-2.5 SE	Maximum	28	39	37	48	43	38	30	20	23	30	38	38	26	37	35	35	37	34	49	43	45	44	39	34	55	60	52	60	54	34	35	39.4
	Minimum	19	18	30	33	28	26	19	15	8	13	11	13	15	13	15	19	15	17	22	31	31	28	32	17	19	30	34	47	32	29	20	22.5
Quakertown-0.5 E	Maximum	38	35	35	40	39	39	34	28	24	31	39	34	29	41	38	32	35	40	36	39	35	44	41	37	47	60	62	56	41	41	40	39.1
	Minimum	22	11	27	30	32	31	22	14	7	15	7	20	15	16	16	21	- 4	13	12	20	17	22	27	24	15	26	28	39	35	30	15	20.2
Reading[1]	Maximum	39	34	38	46	41	41	36	29	29	34	43	35	32	45	36	37	33	40	36	38	43	45	44	41	50	65	65	59	46	45	43	41.5
	Minimum	27	22	28	34	35	29	25	15	12	23	19	22	20	23	29	15	9	21	26	31	24	35	36	31	26	39	34	41	38	35	28	26.8
Ridgway /	Maximum	27	37	36	48	36	32	26	20	24	31	37	25	26	36	34	34	39	43	46	39	40	45	35	40	51	61	53	60	35	36	35	37.7
	Minimum	19	18	17	27	19	29	16	16	4	3	1	3	6	12	7	9	6	6	18	25	32	25	24	10	10	21	31	35	33	26	14	16.9
Scranton[1]	Maximum	35	37	38	41	41	36	27	19	24	29	36	36	30	37	33	30	33	38	38	43	46	45	39	35	46	57	56	48	43	35	39	37.6
	Minimum	25	26	29	32	34	24	19	10	8	14	13	19	18	20	16	14	10	18	22	32	25	35	33	23	21	39	37	40	35	24	19	23.7
Selinsgrove	Maximum																																
	Minimum																																
Sharon	Maximum	31	33	36	36	41	41	33	21	24	31	37	37	27	40	40	38	39	42	42	41	47	48	48	36	53	63	63	59	53	39	38	40.5
	Minimum	20	27	31	33	33	29	20	12	14	16	21	19	15	17	21	22	16	17	34	36	37	33	33	26	28	37	42	45	38	28	27	26.7
Somerset	Maximum	32	34	34	51	37	34	27	20	28	29	40	36	23	37	34	38	41	45	46	41	44	41	39	44	54	57	54	59	53	30	40	39.4
	Minimum	19	12	28	32	29	25	20	7	- 12	3	- 3	12	12	12	14	21	8	18	19	28	24	27	30	18	20	28	31	51	30	27	18	19.6
Springs[6-1 SW	Maximum	33	33	32	44	35	35	25	17	22	29	37	33	23	36	32	34	41	44	44	39	41	40	41	41	51	59	53	56	49	29	41	37.7
	Minimum	17	12	25	31	29	23	17	8	- 12	9	6	11	10	14	20	13	7	17	18	28	21	26	26	14	20	30	35	45	27	25	25	19.3
State College[1]	Maximum	30	33	34	39	35	34	29	25	24	30	37	37	25	35	30	30	32	34	32	39	44	43	41	37	47	60	58	60	45	36	38	37.2
	Minimum	24	19	28	26	24	19	9	3	13	9	16	18	16	22	17	16	22	19	29	32	32	31	21	23	38	39	45	34	28	24	23	23.3
Stroudsburg-2 E.	Maximum	43	38	34	47	48	39	38	30	28	35	36	33	35	41	41	36	32	38	37	46	46	46	45	42	46	54	59	59	42	42	39	41.2
	Minimum	15	11	25	28	34	32	18	13	3	12	5	18	14	15	16	28	2	16	19	24	20	27	27	25	16	32	29	37	35	30	15	20.7
Tamarack /-2 S.	Maximum	24	28	31	39	32	27	22	16	24	29	32	24	25	33	27	27	30	33	32	35	39	43	33	38	45	60	49	59	32	34	36	33.3
	Minimum	19	20	19	23	24	26	17	13	1	12	13	10	11	13	14	9	13	22	22	28	28	28	15	14	28	42	44	29	25	18	19.4	
Tionesta[6-1.5 SE	Maximum	28	40	36	51	38	40	28	20	22	30	39	37	24	36	35	35	41	43	45	40	40	45	38	35	41	62	51	58	54	35	35	38.8
	Minimum	18	18	26	27	22	24	18	9	9	3	6	15	15	12	12	18	5	10	22	32	31	25	30	10	12	28	29	43	32	28	11	19.5
Titusville-2 S.	Maximum	26	37	36	47	42	38	25	18	22	31	34	34	25	35	38	36	40	44	42	36	39	47	41	36	51	61	60	57	51	32	33	38.6
	Minimum	19	18	29	27	27	23	19	10	2	8	15	15	12	12	14	14	9	12	28	31	31	26	29	11	18	40	43	45	31	28	18	21.5
Towanda[6-1 E.	Maximum	37	38	35	43	36	37	28	24	28	35	36	37	31	39	35	33	36	38	36	46	47	48	40	39	40	57	58	47	42	37	37	38.7
	Minimum	20	27	26	27	24	27	19	10	6	12	6	18	18	18	10	12	3	13	16	30	26	30	33	20	17	32	31	37	36	26	15	20.8
Uniontown	Maximum	35	36	40	41	45	43	34	26	26	32	43	39	30	38	40	38	41	47	50	46	49	46	49	42	60	61	61	64	59	37	42	43.2
	Minimum	23	20	34	34	33	31	25	17	10	15	15	17	13	17	23	27	20	23	27	33	32	31	35	24	26	35	15	51	35	31	31	26.9
Vandergrift[1]	Maximum	32	40	39	50	44	41	33	24	23	34	44	40	30	39	39	41	42	36	51	43	48	46	44	40	58	60	55	62	53	38	40	42.2
	Minimum	22	19	33	33	32	28	21	12	9	15	15	18	17	16	21	22	16	19	24	32	33	30	20	25	23	30	35	46	36	27	24	24.3

Continued on page 8.

Daily Temperatures for January 1944—Continued from page 7.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren[6]	Maximum	25	35	34	47	35	35	23	19	22	34	34	32	23	34	32	31	36	44	45	44	37	46	39	41	44	62	41	55	49	32	31	36.8
	Minimum	20	20	28	23	22	23	19	9	10	11	8	16	12	13	11	11	7	14	29	32	33	27	31	11	19	31	31	40	32	27	18	20.6
Waynesburg	Maximum	31	36	35	45	45	42	32	24	26	32	43	41	28	39	38	39	42	47	48	44	47	45	42	43	62	63	59	62	58	40	40	42.5
	Minimum	16	15	31	32	29	29	23	13	4	13	12	14	9	12	19	20	13	19	25	26	29	25	32	19	23	29	40	50	32	29	23	22.7
Wellsboro/	Maximum	31	34	33	43	35	33	25	15	25	33	35	27	29	38	31	30	36	42	34	43	43	48	36	40	47	63	54	61	39	35	35	37.2
	Minimum	16	26	20	26	18	26	17	12	− 2	− 2	6	5	15	16	10	10	1	3	19	25	27	32	27	15	10	22	33	36	33	28	15	17.6
West Chester	Maximum	40	36	38	40	38	40	37	31	29	32	42	33	32	44	37	36	38	42	84	37	33	46	44	41	49	64	66	64	48	45	43	41.3
	Minimum	24	23	29	32	34	32	25	19	10	19	20	24	17	18	26	26	14	24	28	27	25	27	34	29	23	34	30	48	38	32	23	26.3
Wilkes-Barre[3]	Maximum	39	38	34	41	38	40	32	18	27	35	37	34	31	38	33	30	34	38	39	43	46	45	40	40	47	57	55	50	45	37	40	38.7
	Minimum	18	27	29	31	31	24	18	8	5	13	11	18	15	18	16	11	8	14	19	26	21	31	31	21	20	32	30	34	34	21	17	21.0
Williamsport	Maximum	36	36	37	42	36	35	34	27	28	32	31	34	32	37	35	34	33	32	34	43	49	48	41	39	42	53	51	52	47	42	37	38.4
	Minimum	19	22	28	31	29	29	21	18	7	11	11	20	11	20	18	17	11	20	18	31	20	31	33	22	20	28	29	41	34	31	20	22.6
Williamstown	Maximum	34	33	37	47	39	35	34	38	26	32	41	41	32	41	39	34	35	43	39	42	46	45	43	38	52	64	63	63	54	43	....	41.8*
	Minimum	6	15	26	32	31	31	24	19	7	16	14	22	18	15	21	21	9	16	18	28	20	27	17	26	16	22	31	49	36	....	18	21.7*
Woodward[3-2 NE]	Maximum	25	29	32	32	31	30	24	18	18	25	31	30	23	30	29	25	26	34	28	33	40	38	33	32	48	58	54	57	39	35	35	33.0
	Minimum	19	22	24	26	28	17	14	4	2	11	19	11	11	12	21	12	16	22	24	27	26	29	24	17	26	42	45	34	30	21	20	21.2
York-3 SW	Maximum	37	37	37	46	44	39	38	35	31	36	46	43	33	45	43	38	35	41	35	41	47	47	45	42	54	68	66	67	64	45	44	44.2
	Minimum	17	16	29	33	34	34	23	19	11	15	15	24	15	12	21	15	0	8	11	30	19	26	31	24	32	29	31	39	39	35	23	22.9

[See page 5 for explanation of reference marks].

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.57	13	28.84	31	8.6	22	sw.	31	82	....	82	26	1044
Harrisburg	30.53	17	29.69	29	7.7	31	nw.	29	76	57	66	48	1001
Philadelphia	30.57	17	29.64	4	10.0	37	e.	3	80	60	71	38	903
Philipsburg	30.52	13	29.70	31	12.1	40*	w.	28	89	72	82	.....	1205
Pittsburgh	30.59	13	29.72	15	10.2	34	w	28	82	65	71	46	995
Reading	30.58	17	29.70	31	11.0	40	ne.	3	75	55	54‡	56	958
Scranton	30.53	17	29.62	31	6.8	26	nw.	30§	82	71†	....	37	1064

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.1	3.0	30†	1.5	24	18
Easton	Delaware	1.6	4.8	6	0.5	17	22
Lehighton	Lehigh	2.9	3.6	29	2.3	4	9
Reading	Schuylkill	4.2	7.9	6	3.2	3	13
Wilkes-Barre	N. Br. Susquehanna	2.4	5.1	31	1.8	19	22
Williamsport	W. Br. Susquehanna	1.2	5.0	31	0.4	18	20
Newport	Juniata	4.4	8.8	29	3.2	13	22
Harrisburg	Susquehanna	3.9	4.9	5	3.4	17	17
Schenley, (nr) Lock No. 5	Allegheny	13.3	19.8	29	12.0	19	24
Sutersville	Youghiogheny	4.1	9.2	29	3.0	23	20
Charleroi (nr.), Lock No. 4	Monongahela	13.1	17.6	5	11.2	17	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	19.3	30	*	.....	30

* Pool stage. † On other days also

W. B. O., Philadelphia—3-25-44-975.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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U. S. WEATHER BUREAU
UNIVERSITY OF ILLINOIS

L. F. CONOVER

HARRISBURG, PA.

VOL. XLIX. FEBRUARY 1944. No. 2.

GENERAL SUMMARY.

The mild open weather of January was continued, to a lesser degree, in February. The accumulated average daily surplus for these two months is 1.6°. Temperatures were mild early in the month but fell sharply during the second decade when lowest readings were general and a shortage of fuel confronted homes and businesses. This condition was alleviated during the last week as temperatures averaged well above normal and highest maxima of the month occurred.

Precipitation was deficient, mainly as the result of the unusual movement of pressure systems. Travelling rapidly, their paths lay to the north or south so that the State did not feel the full effect of the storms. In spite of the deficiency, frequency of occurrence was about normal. The accumulated deficiency for the year is now 1.85 inches. Snowfall was about normal, but more than double the amount received in January. The snow, frequently accompanied by sleet and freezing rain, created dangerous road conditions. Cindering crews were kept busy and utilities encountered some difficulty in maintaining their services. The worst storm was that of the 11-12th when a man died in Philadelphia as a result of a fall on the slippery streets.

Thunderstorms were reported on the 22d at northern stations and on the 27th at southern stations. The former were more general. Wind damaged property in Pittsburgh on the 22d. A meteor was seen by a resident of Hanover in the early hours of the 24th.

The past winter was the driest of record with an average of 5.24 inches. The previous record was 5.26 inches, established in 1901. December's temperature deficiency was overcome and the average for the period was normal. Snowfall during December was only 13% of the season's 15.8 inches. As a result of this and the higher temperatures prevalent in January and February, the snow cover was inadequate throughout the period. Winter grains and new seedings suffered and the condition of winter wheat and rye is reported the poorest in the last eight years, although the root system is generally good. Farm work was well advanced as the month closed. G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 87 stations was 29.4°, which is 1.0° above the 57-year normal for February. The highest monthly mean was 37.2° at Marcus Hook, and the lowest was 21.2° at Kane. Extremes ranged from a maximum of 67° at Phoenixville on the 24th and at Uniontown on the 27th to a minimum of −18° at Bradford and Kane on the 19th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 197 stations, was 2.00 inches, which is 0.81 inch below the 57-year normal for February. The greatest monthly amount was 4.18 inches at Springs, while the least was 0.90 inch at Milroy. The greatest amount recorded in any 24 consecutive hours was 1.72 inches at Meadville on the 22-23d.

The average snowfall for the State was 9.4 inches, which is 1.3 inches below the 57-year normal. The greatest monthly snowfall was 24.5 inches at Johnstown. The greatest fall for any observational day was 9.3 inches at Rush on the 11-12th.

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	28.4	63	−31	2.50	7.2	9	7	11	11
1889	23.0	60	−27	1.96	8.7	9	7	9	12
1890	37.0	79	0	4.32	5.6	11	6	8	14
1891	34.8	70	−7	4.61	5.6	12	6	8	14
1892	31.6	62	−18	1.75	6.3	9	7	7	15
1893	27.3	60	−16	5.92	26.4	14	6	8	14
1894	27.6	64	−24	3.53	22.7	11	8	9	11
1895	20.2	60	−26	1.22	13.2	6	10	10	8
1896	29.4	65	−21	4.90	10.5	11	9	7	13
1897	30.6	67	−14	3.28	10.3	9	7	8	13
1898	29.4	72	−16	2.23	6.1	9	8	8	12
1899	22.7	67	−39	4.05	23.6	12	8	7	13
1900	27.1	81	−17	4.22	7.0	11	8	6	14
1901	21.7	57	−22	0.96	7.9	8	10	9	9
1902	23.9	64	−24	3.99	14.3	10	9	7	12
1903	30.5	68	−17	4.49	10.8	10	10	7	11
1904	21.8	68	−27	2.41	6.8	11	10	7	12
1905	20.8	59	−25	1.70	9.7	8	10	8	10
1906	28.0	79	−21	1.70	6.8	7	12	7	9
1907	22.8	56	−20	1.91	15.2	8	12	7	9
1908	24.8	64	−29	4.65	23.6	11	10	7	12
1909	35.8	73	−9	4.84	4.0	14	6	7	15
1910	26.6	65	−22	3.59	15.0	11	9	7	12
1911	31.0	66	−8	2.27	11.1	10	7	6	15
1912	23.7	69	−27	2.20	6.5	8	11	8	10
1913	27.4	67	−9	1.84	5.7	9	12	5	11
1914	21.8	65	−27	2.78	23.5	10	11	6	11
1915	33.3	73	−9	3.90	2.0	9	9	5	14
1916	25.7	67	−22	3.08	14.3	12	8	7	14
1917	25.6	68	−29	1.46	8.0	10	9	9	10
1918	28.2	69	−34	2.46	2.9	9	10	8	10
1919	32.0	66	−7	2.23	4.7	11	12	6	10
1920	25.6	62	−20	2.44	18.3	11	9	8	12
1921	32.8	76	−15	2.59	15.4	10	8	8	12
1922	33.0	74	−19	1.99	7.7	10	9	9	10
1923	24.6	58	−20	2.16	11.7	12	8	8	12
1924	26.9	70	−25	2.94	16.3	10	11	7	11
1925	35.6	71	−11	2.16	2.1	8	11	7	10
1926	28.7	65	−13	4.06	23.3	12	7	6	15
1927	35.0	69	−8	3.48	16.5	13	7	8	13
1928	30.3	65	−11	3.42	6.7	11	10	7	12
1929	28.0	69	−20	2.87	11.7	9	10	8	10
1930	35.1	80	−18	2.69	3.9	11	9	6	13
1931	31.9	66	−16	1.98	5.2	9	11	5	12
1932	35.3	83	−8	1.64	2.9	10	10	8	11
1933	31.3	68	−15	2.30	9.4	10	12	7	9
1934	18.1	59	−34	1.31	14.4	7	13	7	8
1935	28.9	66	−26	2.67	14.4	12	8	7	13
1936	21.5	69	−27	2.33	12.3	9	11	7	11
1937	31.4	77	−12	2.32	6.5	10	9	8	11
1938	34.1	74	−4	2.85	3.9	12	8	6	14
1939	33.7	74	−10	4.15	6.2	13	10	6	12
1940	29.4	63	−19	3.16	19.3	13	9	5	15
1941	26.5	62	−14	1.04	7.6	8	10	7	11
1942	25.9	58	−21	2.62	9.4	10	10	6	12
1943	29.9	75	−27	1.71	7.8	12	9	8	11
1944	29.4	67	−18	2.00	9.4	11	8	7	14
Period	28.4	83	−39	2.81	10.7	10	9	7	12

Climatological Data for February 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	33	30.6	+1.2	63	24	6	14	2.20	−0.70	0.65	12	8.8	7	9	12	8	w.	Allent'n-Bethlehem Gas Co.
Altoona-4.5 W	Blair	1,500	58	29.6	+2.1	54	5†	4	13	§§	.....	1.05	26-27	9.5§	11	15	5	9	w	City of Altoona.
Bethlehem	Northampton	364	59	31.1	−0.2	59	24	11	19	2.30§	−0.95	0.59	14-15	8.2	9	12	3	14	nw.	Lehigh University.
Burnt Cabins-2 NE	Fulton	990	3	30.6[6]	.....	59	24	7	19	1.37	.....	0.43	11	8.5	7	10	7	12	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	76	32.4	+2.2	63	24	5	14	1.60	−1.40	0.50	26-27	9.0	9	14	5	10	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	33.3	+1.5	64	24	12	14	1.49	−1.27	0.39	27	5.8	9	6	7	16	ne.	William B Spear.
Coatesville	Chester	431	56	32.4	+1.9	61	24	8	14	1.95	−1.81	0.50	26-27	5.2	11	2	8	19	ne.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	2	24.2	.....	49	22	−6	19	2.79	.....	0.58	14†	16.8	17	8	5	16	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	23.0	.....	49	24	−5	19†	2.16	.....	0.50	14-15	13.2	8	10	4	15	se.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	7	28.2	.....	54	24	4	19	1.32	.....	0.45	27	9.3	11	3	8	18	nw.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	58	25.6[b]	−0.3	55	22	−9	20	1.84§	−1.06	0.53	22-23	7.1	10	15	1	13	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	32.8	+2.4	62	24	7	14	1.41	−1.55	0.47	26-27	6.3	10	7	6	16	ne.	Ira J. Keath.
Everett-0.5 SW	Bedford	1,020	22	31.6	+4.3	58	5†	7	14	2.10	−0.13	0.90	25-26	8.5	12	8	7	14	ne.	Penna. Turnpike Comm.
Freeland†‡	Luzerne	1,970	51	26.8	+2.1	49	24	0	19	1.72	−1.79	0.50	14-15	7.1	9	7	1	21	sw	Andrew B. Evansha.
George School†‡	Bucks	184	38	31.6	+0.3	62	24	3	14	2.30	−0.76	0.85	14-15	6.5	10	12	10	7	nw	Prof. N. W. Swayne.
Gettysburg†‡	Adams	500	71	34.4	+3.0	63	24	10	13	1.59	−1.17	0.48	26-27	7.5	11	12	5	12	sw.	Dr. Henry Stewart.
Gordon†‡	Schuylkill	900	40	28.7	+1.5	56	24	1	14	1.63§	−1.64	0.43	14-15	9.9	10	10	8	11	w	Miss Sallie M. Johnson
Hanover†‡	York	600	40	33.2	0.0	65	24	11	13	1.57	−1.24	0.44	26-27	5.9	8	9	6	14	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	75	33.0	+2.8	62	24	15	14	1.25	−1.81	0.35	14	6.5	9	5	8	16	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	34	25.9	+0.1	51	24	−9	14	1.97	−0.70	0.59	11-12	14.8	10	11	10	8	w.	Mrs. Della M. Pennell.
Holtwood†‡	Lancaster	200	29	33.4	+0.7	60	24	16	14	1.25	−1.47	0.28	26-27	4.0	9	9	6	14	nw	Penna. Water & Power Co.
Huntingdon†‡	Huntingdon	700	57	31.7	+2.3	60	24	3	14	1.31	−0.62	0.65	26-27	4.1	13	4	9	16	nw	Prof. Paul R. Yoder.
Lancaster†‡	Lancaster	255	57	32.8	+1.8	63	24	5	14	1.54	−1.13	0.42	26-27	5.0	15	15	3	11	nw.	Lancaster Water Bureau.
Lawrenceville†‡	Tioga	996	47	26.8	+2.0	52	6	−9	19	1.69	−0.14	0.52	22-23	9.7	8	10	6	13	.....	Carlos P. Darling.
Lebanon†‡	Lebanon	469	60	31.1	+1.6	62	24	10	13†	1.49	−1.64	0.47	26-27	6.3	8	17	4	8	sw.	Lebanon Valley Gas Co
Lewistown-2 SW	Mifflin	580	6	31.2	.....	61	24	10	20	0.96§	.....	0.33	26-27	4.5	6	6	14	9	.....	Penna. Dept. of Highways.
Lock Haven†‡	Clinton	557	54	30.6	+2.2	59	24	3	19	1.25	−1.29	0.39	26-27	6.5	7	10	6	13	e.	William R. Kelley.
Marcus Hook†‡	Delaware	12	18	37.2	+1.9	63	24	18	13†	2.04	−0.92	0.58	14-15	3.3	8	14	1	14	w.	Sun Oil Co.
Martinsburg	Blair	1,493	2	30.2	.....	54	24†	5	13	1.52	.....	0.55	26	.....	9	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose-3 E†‡	Susquehanna	1,176	39	21.8	−1.1	43	24	−5	19†	2.31	+0.23	0.68	11-12	17.9	11	9	4	16	nw	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	3	23.5	.....	49	24	−4	19	3.44	.....	1.05	14	14.6	12	3	13	13	nw.	U. S. Weather Bureau.
Palmerton†‡	Carbon	455	26	29.5	+0.5	56	24	3	14	2.36§	−0.03	0.79	14	10.4	6	8	8	13	w.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	33.8	+1.3	63	24	15	13	1.93	−1.50	0.52	14	4.7	9	4	10	15	nw	U. S. Weather Bureau.
Philipsburg†-7 E	Centre	1,916	2	25.4	.....	53	22	0	16	2.54	.....	0.61	14	13.4	15	1	10	18	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	35	34.3	+2.0	67	24	0	14	2.03	−1.08	0.55	14-15	6.0	7	9	9	4	.....	Phila.-Suburban Water Co.
Port Clinton†‡	Schuylkill	407	6	29.2	−0.2	58	24	3	14	2.30	−1.02	0.70	14-15	10.0	8	16	9	7	nw	Earl E. Rarick.
Quakertown†‡-0.5 E	Bucks	480	59	29.6	+0.8	58	24	4	14	2.56	−0.75	0.55	14-15	8.8	11	10	7	12	nw	John E. Benner.
Reading	Berks	273	74	33.2	+2.6	61	24	11	14	1.97	−1.57	0.67	11-12	8.3	9	7	5	17	nw	U. S. Weather Bureau.
Scranton	Lackawanna	746	50	28.6	+1.3	53	24	7	19	1.31	−1.84	0.40	26-27	7.0	12	5	9	15	nw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	54	31.5	+3.0	59	24	6	14	1.52	−1.30	0.46	26-27	7.7	13	7	7	7	sw	Dr. George E. Fisher.
State College	Centre	1,217	59	30.0	+3.2	55	5	7	13†	1.12	−1.58	0.34	14	8.6	9	7	9	13	nw	Penna. State College.
Stroudsburg-2 E	Monroe	440	25	30.5	+3.1	58	24	0	14	1.90	−1.45	0.66	14-15	8.2	8	7	6	16	nw.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	4	23.7	.....	50	5†	−4	20	1.82	.....	0.42	14†	9.8	10	7	7	15	w	James E. Swartz.
Towanda†‡-1 E	Bradford	754	50	27.7	+2.6	53	6	−3	14	1.24	−0.75	0.38	11-12	9.4	10	7	10	12	nw.	Mrs. M. Ordelia Parks.
Wellsboro†‡	Tioga	1,319	74	23.8	−1.2	52	5	−10	19†	1.67	−0.35	0.56	22	8.2	8	11	8	10	w.	M. S. Bliss.
West Chester†‡	Chester	430	95	33.4	+2.8	64	24	12	13	1.92	−1.58	0.57	14-15	5.0	11	10	6	13	nw.	Clyde T. Saylor.
Wilkes-Barre†‡	Luzerne	544	6	28.3	.....	57	24	6	13	1.04	−1.54	0.31	26-27	4.4	9	4	11	14	sw.	U. S. Communication Sta.
Williamsport†‡	Lycoming	550	58	31.0	+3.1	58	24	3	13	1.42	−1.08	0.48	26-27	8.3	6	13	5	11	w.	John D. McEwen.
Williamstown†‡	Dauphin	775	28	30.3	0.0	58	24	7	19	1.52§	−1.15	0.62	14	4.0	6	3	16	10	.....	Gordon E. Lower.
Woodward-2 NE	Centre	2,191	3	25.4	.....	51	24	1	19	1.50	.....	0.29	17-18	9.0	11	4	4	21	w.	U. S. Weather Bureau.
York-3 SW†‡	York	390	56	34.4	+3.1	65	24	7	13	1.41	−1.34	0.50	26-27	8.5	13	9	10	10	w.	York Water Co.
Division mean			....	29.8	.....	67	24	−10	19†	1.77	.....	1.52	22-23	8.1	10	9	7	13	nw	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	27	23.6	−2.6	49	6	−18	19	2.30	−0.33	0.78	22-23	11.5	10	3	7	19	w.	City Water Dept.
Brookville	Jefferson	1,400	53	25.2	+0.2	53	22	−3	19	1.76	−0.69	0.49	26	.....	13	0	10	19	sw.	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	31.3[8]	+3.0	58	23	0	13	2.64	+0.27	0.52	14-15	15.5	14	7	11	11	nw.	Butler Eagle.
Clarion†‡-3 SW	Clarion	1,114	34	27.5	.....	53	23	−10	19	2.35	−0.24	0.44	26-27	13.0	16	5	5	19	w.	Penna. Electric Co.
Claysville	Washington	1,170	40	30.3	−1.3	64	26	1	13	2.32	−0.15	0.56	22	5.9	12	10	5	14	nw	Walter B. Paget.
Coudersport†‡	Potter	1,653	17	25.5	+1.3	50	25	−15	19	2.68	−0.20	1.25	22-23	11.2	15	9	3	17	nw.	Philip R. Shaw.
Derry	Westmoreland	1,150	47	32.8	+2.8	59	23	8	13†	2.14	−0.95	0.71	26-27	9.0§	13	8	8	13	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	30.0	.....	58	27	2	19	2.91	.....	0.53	22	17.9	16	2	14	13	w	Penna. Turnpike Comm.
Donora†‡	Washington	761	18	35.8	+1.6	62	23	11	13	2.08	−0.16	0.59	26	4.3	12	4	5	20	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	27	26.2	−1.1	54	27	1	19†	2.38	−0.47	0.92	26	10.7	12	5	10	14	w.	Miss. Emma H. Eastman.
Ford City-4 S	Armstrong	950	1	29.6	.....	58	23	−3	14†	1.77	.....	0.53	26-27	8.5	10	7	5	17	w.	U.S. Engineers.
Franklin	Venango	987	70	25.8	0.0	54	22	−3	20	1.98	−0.77	0.38	11†	12.0	9	8	5	16	n.	William K. Fuller.
Greensburg†‡-2 S	Westmoreland	1,160	35	32.2	+0.7	59	23	3	13	2.56	−0.19	0.72	26	8.6§	16	7	8	14	sw.	Westmoreland Water Co.
Indiana†‡	Indiana	1,300	43	30.9	+1.4	56	23	4	14	1.97§	−0.89	0.30	14†	§§	15	13	7	9	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	24.4	.....	64	24	−10	13†	2.37	.....	0.63	26	.....	14	.....	.....	.....	.....	Pa. Dept. Forests & Waters.
Johnstown†‡-0.5 W	Cambria	1,650	62	31.0	+0.5	58	27	3	19	4.00	+0.52	1.07	26	24.5	16	11	6	12	s.	Robert Tross.
Kane-1 N	McKean	1,750	29	21.2	.....	49	5†	−18	19	2.87	−0.21	0.96	22	20.4	15	8	3	18	w.	Spring Water Co.
Meadville†‡-1 S	Crawford	1,065	50	24.4	0.0	51	5	−9	19	3.81	+1.29	1.72	22-23	18.3	14	5	6	18	nw.	City of Meadville.
Midland	Beaver	780	8	31.9	.....	56	5†	6	13	1.79	.....	0.56	26-27	7.5	11	4	7	18	nw.	Perry P. Campbell.
New Castle†‡-1.5 N	Lawrence	900	64	31.1	+2.4	55	5	−4	13	1.72	−0.47	0.34	17-18	9.6	13	1	15	13	n.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	32.3	+2.4	58	22	6	13	2.26	−0.44	0.72	26-27	8.5	15	4	8	17	w.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	29.0	.....	55	23	−2	19	1.92	.....	0.49	26	9.5	13	11	8	10	w	U.S. Engineers.
Ridgway	Elk	1,385	37	23.4	−1.9	54	22	−8	19	1.84	−0.52	0.63	22-23	9.0	12	7	7	15	s.	West Penn Power Co.
Sharon	Mercer	940	31	31.4	+3.1	55	5†	2	13	1.41	−0.42	0.34	26	10.0	12	16	7	6	ne	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,100	73	29.9	+2.8	58	22†	−3	19	3.00	−0.72	0.60	29	17.6	18	6	6	17	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	29.6	+1.9	57	27	2	19	4.18	+0.95	1.00	26	16.2	18	4	6	19	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	26.2	.....	54	23	−13	19	2.43	.....	0.59	22-23	13.8	14	12	3	14	w.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	1	25.8	.....	50	6	−9	19	3.49	.....	1.24	22	16.0	14	3	9	17	w.	Arthur M. Stokes.
Uniontown†‡	Fayette	1,040	56	36.4	+3.7	67	27	8	13	2.12	−0.75	0.49	22†	5.5	13	8	5	16	sw.	William W. Marsteller.
Vandergrift†‡	Westmoreland	825	30	33.3	+1.5	60	23	5	14	1.83	−0.98	0.37	14	.....	12	7	9	13	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	56	25.1	+0.2	48	6	−4	13†	2.79	+0.22	0.70	22-23	16.0	13	7	15	7	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	34.5	+1.8	63	26	5	13	2.39	+0.10	0.61	22	4.5	12	6	10	13	nw.	Thomas S Knox.
Division mean			....	28.9	.....	67	27	−18	19	2.36	.....	1.72	22-23	11.7	13	6	8	15	w.	
Lake Drainage																				
Erie	Erie	705	71	28.7	+1.8	53	5	4	19	2.22	−0.44	0.75	22-23	12.5	12	2	9	18	w	U. S. Weather Bureau.
State mean			....	29.4	+1.0	67	24†	−18	19	2.00	−0.81	1.72	22-23	9.4	11	8	7	14	w.	

[See page 13 for explanation of reference marks.]

Daily Precipitation for February 1944

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	.05							.10			.20	.60			.58			.14					.16				.43	.04				2.30
Hawley[2], 0.5 E	Wayne	.09	T		.01				T.	T.		.08	.59	.03		.34			.19	T.				.22				.39	.03				1.97
Hollisterville[2]	Wayne	.03			T.				.05	T.		.09	.51	.04		.25	.01		.16	T				.29				.53	.06				2.05
Lakeville[2], 1 N	Wayne	.05					.02	T.	.09			.13	.60	.02		.24			.22									.26	.19	.01			2.13
Matamoras[2]	Pike	.06										.07	.52	.05		.49			.11					.16				.44	.06				1.95
Mount Pocono[3], 2 N	Monroe				T.		T.	.06	T.	T	T.	.77	.20	T.	1.05	.03		.25	.10				.18	.07			.49	.22		.02			3.44
Pleasant Mount[1, 5], 1 W	Wayne							.02				.22	.22		.30	.10		.11	.09				.24	.26			.31						1.87
Stroudsburg, 2 E	Monroe	T.						T.		T.		.03	.04			66			.82				.29	.03			.25	.28		T.			1.90
Tanners Falls[1, 5], 1 SE	Wayne											.36	.24		.30	.06		.16	.06				.21	.22			.39						2.00
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh				T.			T.		T.		.59	.13		.34		T	.17					.26				.25	.17		.09			2.00
Allentown[2]	Lehigh	T.				T.			T.	T.		.10	.65	T.		.50			.15					.19				.60	.01				2.20
Bethlehem[1, 5]	Northampton				T.			T.		T.		.45	.30		.57	.02		.17					.22	.01			.51			.05			§2.30
Blakeslee Corners[1, 5]	Monroe											.35	.14		60	.05		.10	.02				.26	.03			.25	.33					2.13
Gouldsboro[2]	Wayne		.11					T.	.05			.08	.55	.03		.51			.16				.22					.53					2.24
Lansford[2]	Carbon								T.	T.		.10	.32			.60			.20					.18			T	.47					1.87
Mauch Chunk, 1 SW	Carbon				T.			T.	T.	T.		.30	.44		T.	.81		T.	.23				.12	.07			.35	.34		.03			2.69
New Tripoli	Lehigh	T.	T.		T.					T.		.30	.32		.11	.52		.03	.11				.21				.34	.23		.08			2.20
Palmerton[1, 5]	Carbon				T.			T.		T.		•	.65		.79	T.		.14	T.				.18	T.			•	.55		.02			§2.36
Zionsville, 1 SW	Lehigh	.01			T.			T.				.92	.31		.08	.58			.15				.08	.15			.42	.29		.07			3.06
SCHUYLKILL																																	
Conshohocken	Montgomery			T.								•	.77		T.	.66		.01	.05								•	.59		.08			2.16
Fredericksville[2], 1 S	Berks	.02			T.				T.	T.		.19	.43	T.		.62			.15					.25			T.	.64					2.30
Freeland[2]	Luzerne	.04		T.	.05	T.			.03	T.		.21	.40			.50	T		.12					.16				.22					1.72
Gratersford[2]	Montgomery	.04										T.	.52	.07		.68			.27					.32			.03	.49	.17				2.39
Phoenixville[2], 1.5 SE	Chester	T.		T.					T.			•	.60			.55			.21					.10			•	.57					2.03
Port Clinton[2]	Schuylkill								T.			.20	.40			.70			.22					.18				.60	•				2.30
Pottstown[2], 0.5 S	Montgomery	.02										.12	.55			.56			.20					.17			.01	.46					2.09
Pottsville[2]	Schuylkill							T.		T.		.08	.38			.62			.12					.04				.30					1.54
Reading[1, 5]	Berks	T.		T.	T.			.01		T.		.64	.03		.35	.01		.17					.18			.35	.23		T.			1.97
Wernersville[6]	Berks	.02		T.				T.	T.			.40	.16		.15	.12		.04	.08				.20	T			.37	.23		T			1.77
LOWER DELAWARE																																	
Coatesville[6]	Chester		.05									.35	.12		.25	.22		16	.07				.20				.40	.10		.03			§1.95
Doylestown	Bucks	.01			T.			T.				.32	.26		.02	.64		.02	.11				.14	.02			.25	.20		.03			2.02
George School[6]	Bucks	T.			T.							.38	.12	T.	.52	.33		.12	.04				.21				.27	.24	T.	.07			2.30
Marcus Hook[2]	Delaware			T.								.04	.41			.58			.17					.22			.05	.54	.03	T.			2.04
Philadelphia Airport Station[1, 5]	Philadelphia		.02	T.	T.							.31	.17		.52	T.		.13					.19	T.			.47	.04		.08			1.93
City Office[1, 5]	Philadelphia		T	T.								.45	.13		.45	T.		.15					.07	T.			.57	.07		.10			1.99
Shawmont	Philadelphia		T.									.35	.17		.03	.70		.03	.20				.08	.06			.49	.25		.12			2.48
Quakertown, 0.5 E	Bucks	T.								T.		.30	.50	.01	.13	.42		.04	.14				.26				.41	.29		.06			2.56
West Chester	Chester	T.	T.	T.					T.			.31	.17		.10	.47		.01	.15				•	.16			.41	.10		.04			1.92
West Grove[2], 1.5 SE	Chester	T.		.03				T.				.10	.26			.59			.18					.22			T.	.40		T.			§1.78
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga				.01							.30	.09		.26			.20	.04				.40	.12		.34	1.02			.06			2.84
Centerville[2]	Bradford				.05								.45		.25				.12				.04	.43				.29					1.63
Covington[2]	Tioga	.03			.04		T.		.01		T.	.07	.29			.40			.09					.49				.20					1.62
Lawrenceville	Tioga				.05			T.				.10	.35		.05	.19			.05				T.	.52			.38			T.			1.69
NORTH BRANCH																																	
Canton[2], 1 NW	Bradford	.04	T.		.03				.02			.04	.45			.52			.11					.40				.19					1.80
Danville[2]	Montour			T.	.02							.03	.43			.30			.11					.09				.47					1.45
Millville[1, 5]	Columbia											.17	.11		.28			.12	.01				.14	.02			.16	.21		.01			1.23
Monroeton[2], 2 S	Bradford	T	T.		.01	T.		T.	.01		T.	.02	.32	.01		.23	T.		.04					.26	T.			.23					1.13
Montrose[2], 3 E	Susquehanna	.12	T.		.03				.03		T.	.03	.68	.11		.44			.12	1				.38				.36	.01				2.31
Orwell[2], 3 N	Bradford	.01			.09						T.	.03	.48			.17			.06					.31				.12					1.27
Park Place[3], 1 NW	Schuylkill			T.	.01			T.		T.	T.	.31	.13		.45	T.	T.	.09					.06				.20	.01		.08			1.34
Pikes Creek[1, 5]	Luzerne	.01										.22	.14		.31			.21	.01				.13	.07			.29	.05					1.44
Rush[2], 6 S	Susquehanna	.10	T.	T.	.07	T.		T.	.04			.06	.45	.07		.22			.07					.29				.35					1.72
Scranton[1, 5]	Lackawanna	T.		T.	.01		T.	.04			T.	.22	.15		.11	.07		.09	T.			T.	.13	.08			.24	.16		.01			1.31
Susquehanna[2]	Susquehanna	.08			.01	T.			.02		T.	T.	.38	.05		.55			.20					.70				.14	.03				2.46
Towanda[6], 1 E	Bradford	T.		T.	.01		T.	T.	.01		T.	.16	.27	T.	.06	.14		T.	.02			T.	.04	.33			.20	T.	T.	T.			1.24
Tunkhannock[1, 5]	Wyoming							.03				.38	.14		.42			.10	.01				.09	.12			.26	.07					1.62
Wilkes-Barre[3]	Luzerne				T.		T.	T.				.17	.02		.14	T.		.11	.01				.22	.04			.15	.18		T.			1.04
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.03			T.		T.		.02			.07	.21			.10			T.					1.03				.18					1.64
Bald Eagle[1, 5]	Blair											.30	.02		.48	.02		.25	.03				.22				.52	.20		.11			2.15
Carrolltown[2]	Cambria	.17	.01	.13	.10				.12			.21	.15	.03		.45	.06		.20	.03			T.	.28			.04	.77		.01			2.76
Carter Camp[1, 5]	Potter						.03					.36	.06		.44	.03		.12	.08				.58	.10			.25			.06			2.11
Cedar Run[2]	Lycoming	.04			.03				.03			.08	.30			.57			.19					.54				.27						2.05
Clearfield[2]	Clearfield	.16		.02	T.				.03			.15	.20	.02		.62			.21					.33	T.			.64		T.				2.38
Curwensville[3] 6 NW	Clearfield	.06	.03	.06	T.	T.	.02	.10			.10	.28	.15	T.	.58	.05		.32	.05				.23	.08			.58	.03	T.	.07			2.79
Driftwood[1, 5]	Cameron										.03	.22	.01		.43	.03		.09	.02				.36	.04			.38			.05			1.66
Dushore[1, 5]	Sullivan											.27	.08		.21	.01		.05	.02				.09	.20			.15	.10		.04			1.22
Eagles Mere[2]	Sullivan	.08			T.	T.			.06			.09	.47	T.		.50			.21					.39	T.			.36						2.16
Emporium[2], 1 E	Cameron	.04		.01	T.	T.	T.	T.	T.			.11	.15	.08		.40	T.		.14	T.		T		.51	.02			.38		T.				§1.84
English Center[1, 5]	Lycoming											.24	.04		.40			.13	.02											.09			§§
Galeton	Potter	T.	T.	T.				T.	T.			.20	.17	T.	.09	.27		T.	.21				.06	1.46			.20	T.		T.			2.66
Karthaus[2]	Clearfield	.05	T.	T.	T				T.			.08	.10	T.		.31			17					.26				.56		T.				§§
Lock Haven[2]	Clinton	.02			T.				T.			.02	.24	T.		.20			.14					.24			T.	.39						1.25
Medix Run[1, 5]	Elk		02	.01	.01						.01	.21	.02		.46	.04		.11	.02				.42	.04			.53			.12			2.02
Philipsburg[3], 7 E	Centre	.01	02	.03	T.	T	T.	T.		T.	.04	.47	.01	T.	.61	.01	T.	.25	.09				.27	.05			.34	.13	T.	.21			2.54
Renovo[2]	Clinton	.09		T.	.03				T.			.09	.08	.04		.57			.05	T.				.50				.45						1.90
State College[1, 5]	Centre	.01	T.	.01	T.		T.	T.			T.	.26	T.		.34	T.	T.	.06	T.				.06	T.		T.	.18	.11	T.	.09			1.12

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																															
Tamarack[2], 2 S	Clinton	.12		T.	T.	T.	T.	T.	.03			.10	.24	.06		.42	T.		.11	.01		T.	T.	.31	T.			.42					1 82
Wellsboro[2]	Tioga	.02			T.				T.			.07	.28	.01		.47			.09	T.				.56				.17					1.67
Williamsport[2]	Lycoming								T.			.04	.29			.29			.10					.22				.48					1.42
Williamsport[2], 4 SE	Lycoming	.01			T.				.01			.03	.37			.39			.24					.19				.56					1.80
JUNIATA																															
Altoona, 4.5 W	Blair	T.	T.	.04	T.			T.	T.			.09			.11	.02		.10	.16				.12	.09			.73	.32		.02			§§
Breezewood[1], 0.5 E	Bedford		.02	T.								.25	T.		.13			.11					.25		T.	.58			.30			1.64
Buffalo Mills[2]	Bedford	.03		.05								.08	.16			.26											.26	.33		.24			1.79
Burnt Cabins[1], 2 NE	Fulton	T.	.02									.43			.28			.05					.16				T.	.10		.33			1.87
East Waterford[2], 3 E	Juniata	.02	T.	.03	.01	T		T.	.01	T.	T.	.15	.28	T.		.24	T.		.05	T.				.06	T.			.03	.45		T.			1.83
Everett[2], 0.5 SW	Bedford	.02		.06	T.	.01	.02					.12	.19	T.		.24			.08			T.		.27				.23	.67		.19			2.10
Huntingdon[2]	Huntingdon	.03	.01	.02	.01				.03			.04	.14			.15	.03		.10					.10				.07	.58		T.			1.31
Lewistown[2], 2 SW	Mifflin	T	T.	T.								*	.30	T.		.15			.08					.10				T.	.33					§0.96
Mapleton Depot[2]	Huntingdon	T.		T.								.10	.23			.22			.05					.09				.06	.51					1.26
Martinsburg[3]	Blair	T.	.02	T.	T.	T.	T.	T.	T.		T.	.25	T.	T.	.18	T.	T.	.07	T.				.19			.02	.55	.08		.16			1.52
McConnellstown[2], 4NW	Huntingdon	T.	.02				T.		.01			.14	.15	T.	T.	.36	T.		.10					.12			.02	.90	T.	T.				1.82
Neffs Mills[1, 5], 3.5 NE	Huntingdon										.01	.29			.29	.06		.15	.05				*	*	*	*	.40		.04				1.29
New Bloomfield	Perry																	T.	.01				.01	.02			.45	.16		.09			§§
Newport[2]	Perry	T.	T.	T.	T.							.03	.34			.35			.10					.02			T.	.47						1.31
Saxton[2], 1 W	Bedford	T.	T.	.01	T.	T.	T.		T.			.12	.15	T		.14			.24	T.				.20	T									§§
Shade Gap[1, 5], 0.5 SW	Huntingdon										.08	.30			.29	.02		.08	.02				.16			.01	.37	.09		.18			1.60
LWR SUSQUEHANNA																															
Arendtsville[2]	Adams	.01		.02								.33	.15			.40			.10					.21			.05	.50		.10			1.87
Bloserville, 1.5 N	Cumberland	T.	.02	T.	T.		T.	T.				.32	.18		.29	.03	.02	T.	.08				.03	.08			.60	.02		.12			1.79
Carlisle	Cumberland	T.	T.	T.	T.							.42			.24	.08		T.	.09				.04	.07			*	.50		.16			1.60
Columbia	Lancaster		T.	.05				T.	T.			.23	.21		T.	.25		T.	.14				.03				.37	.11		.03			1.42
Dauphin[2], 3 N	Dauphin	T.		T.	T.	T.	T.	T.	T.			.09	.24			.33			.11					T.			.02	.45	T.					1.24
Ephrata	Lancaster	.01	T.	T.	T.			T.	T.			.23	.23		.14	.05		.03	.14				.11	T.			.35	.12		T.			1.41
Glen Rock[1, 5]	York							.02				.41	.03		.33			.22					.21	.01			.36	.04					§§
Gordon	Schuylkill								.02			.08	.40		.07	.43			.18				.05				*	.38		.02			§1.63
Grantville, 4 NW	Dauphin	T.		.02				T.				.12	.20		.21	.18		.05	.12				.06	.03			.49	.10		.04			1.62
Hanover[2]	York	T.		T.					T.			.13	.26			.34			.11					.17			.09	.35		.12			1 57
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T.	T.	.01				T.				.28	.01		.35			.11	T.				.04				.30	.11		.04			1.25
Holtwood[2]	Lancaster	T.		.03	T				.03			.09	.24			.24			.16					.12			.06	.28	T.	T.			1.25
Huntsdale[2]	Cumberland	T.		T.								.07	.21			.32			.06					.10			.08	.41	T.	T.			1.25
Kirkwood[1, 5], 1 SW	Lancaster		.04									.18	.02		.44			.16					.26			.08			.05			1.53
Lancaster	Lancaster	.02	.05	.03	T.				.04			.21	.23		.04	.18		.02	.13				.06	.06			.26	.16		.05			§1.54
Lebanon[2]	Lebanon	.02	T.	T	T.			T.				.12	.30			.30			.16					.09			T.	.47	.03					1.49
Middletown[1], 1.5 W	Dauphin	.02	T.	T.	T.			.01	T.			.50	.49		.16	T.		.11					.11				.32	.05		.02			1.79
Millersburg[1, 5], 2 E	Dauphin											.38	.09		.23	.08		.10	.02				.08				.30	.04		.02			1.34
Milroy[2], 5 N	Mifflin	.04	T.	T.				T.	T.			.05	.20			.30			.02	T.				.08			T.	.18	.03	T.			§0.90
Newburg[1], 3.5 NW	Cumberland		T.	T.				T.				.26			.29			.05					.17				.45	.05		.12			§1.89
New Park	York			.04								.24	.09		.13	.50		.15	.06				.25				.16			.15			1.77
Pine Grove[2], 1.5 NE	Schuylkill	T.	T.		T.	T.			.02	T.		.04	.25			.51	T.		.14					.02			T.	.50					1.48
Ringtown[2], 1.5 SW	Schuylkill	T.		T.	.01	T.			.03	.01	T.	*	.50			.81			.04					.18			T	.06					§1.64
Selinsgrove	Snyder			.02					.01			.02	.38		.05	.25		.02	.14				.04	.05			.40	.06		.08			1.52
Shippensburg	Cumberland	T.		T.								.06	.06		.16	.14		T.	.08				.05	.10			.40	.05		.12			1.22
Sunbury[2]	N'umberland	T		T.	.04				T.			.04	.43	T.		.29			.16					.04				.51					1.22
Williamstown[2]	Dauphin									T.		*	.35			.62			.13					.05			T	.37		T.			1.51
Woodward[3], 2 NE	Centre	T.	T.	.01	T.		T.	T.		T.		.28	.03	T.	.24	.01		.13	.16				.11	T.			.28	.14	T.	.11			§1.52
York, 3 SW	York		T.	.04				T.	.03			.19	.14		.13	.11		.04	.08				.04	.08			.36	.14		.03			1.50
York Haven[2]	York			.02								.15	.18			.38			.12					.13				.40	.02	T.			1.41
Potomac Basin																															1.40
Chambersburg[2], 1 SW	Franklin	T.		.01								.11	.12			.33			.07					.26			.09	.39		.02			1.49
Gettysburg	Adams	T.		T.								.27	.12		.12	.17		.05	.05				.05	.13			.40	.08		.15			1.59
Hewitt[1, 5], 2 SW	Bedford	.02										.22	.02		.33	.05		.09	.04				.45			.02	.80			.43			2.47
Hyndman[2]	Bedford	.06		T.	T.		T.		T.			.05	.29	T.		.31			.06					.52			.33	.60		.29			2.51
McConnellsburg[2]	Fulton	T.		T.								.12	.18			.28			T.					.22			.18	.34		.09			1.86
Mercersburg[2]	Franklin	T.										*	*			.58			*					.49			*	.50		*			1.57
South Mt. San't'm[2]	Franklin	.02		.04								.25	.27			.29			.10					.28			.08	.36		.07			1.76
GULF DRAINAGE																															
Ohio Basin																															
ALLEGHENY																															
Acmetonia[2]	Allegheny	.06		.11	.02	.06			.09			.08	.20	T.		.49	.01		.11	.01				.02				.94					2.20
Allens Mills[1, 5]	Jefferson	.01	.03	.07				.04		.02	.02	.32	.05		.35	.02	.02	.19	.06		.03		.25	.05			.48			.11			2.12
Blairsville[2], 6 NE	Indiana	.11	T	.14	.11	.02	T.	T.	.15	T.		.02	.18	.02		.33	.02		.12	.01		T.		.20			.10	.66		.02			2.21
Boswell[2], 6 NW	Somerset	.17		.17	.32	.08		T	.19			.10	.25	.04		.47	.04		.04	.07		.02		.47			.18	.83		.20			3.64
Bradford, 4 W	McKean	.12		.03	T.			.05	T.			.11	.17		T.	.17			.27				.12	.78			.48			T.			2.30
Brookville[3]	Jefferson	.05	.03	.04	T.		T.	T.	T.		.06	.19	.07	T	.28	.05		.11	.01				.21	T.			.49			.17			1.76
Buckstown[1, 5]	Somerset		.04	.10	.11	.05	.05			.04		.17			.14			.17	.01				.44		.04	.50	.05		.29			2.20
Clarion[2], 3 SW	Clarion	.15	.01	.05	.01			.01	.09			.12	.38	.05		.38	.01		.26	.01				.37				.44	.01	T.			2.35
Coudersport	Potter	.03		.01	.02		T.	.02	T.			.15	.23		.10	.38	T.	.01	.15			.01	.11	1.14			.31			.01			2.68
Derry[6]	W'moreland	.02	.05	.10	.17			.07				.13	.13		.11	.30		T.					.17				.40	.31		.18			2.14
Donegal[1]	W'moreland	.06	.06	.12	.04		T.	.44				.12	.44	T.	.26	.26		.16	.05		.05	T.	.53				.12	.12		.08			2.91
Dunlo[1, 5], 0.5 SW	Cambria		.06	.08	.06			.10				.16	.04		.19	.07		.11	.02				.38			.02	.26	.31		.26			2.12
Ebensburg[2]	Cambria	.13	T.	.10	.07	T.			.08			.19	.19	T.		.37	.01		.15	T.							T.	.53		T.			2.38
Ford City[2], 4 S	Armstrong	.06	T.	.15	.05			T.	.08			.10	.17			.38	T.		.12	T				.13			T.	.53		T.			1.77
Franklin[2]	Venango	.09	T.	T.	T.				.08			.08	.38	T.		.31	.09		.23	T.				.38				.34					1.98
Glen Hazel[2], 1 NE	Elk	.12		T.	.05	T.	T.	.05	.04			.10	.20	.08		.39	.03		.21	.04				.86	T.		T.	.42		.06			2.60
Home[1, 5]	Indiana		.04	.04	.06		.02	.10				.21	.02		.34	.03		.14	.09				.22				.31	.20		.10			1.92
Indiana	Indiana	.06	.06	.08	T.			.09	T.			.10	.27		.04	.30		.02	.10				.08	.06			.30	.23		.18			§1.97
Johnstown[6], 0.5 W	Cambria	.06	.05	.19	.08		.01	.13				.36	.19		.34	.28		.11	.14				.29				1.07	.28		.42			4.00
Kane[1], 1 N	McKean	.01		.06	.01		.01	.10				.47	.23	T	.33	.11	.02	.13	.13		T.		.96	.04			.26			T.			2.87
Kregar[1], 4.5 SE	W'moreland	.03	.09	.13	.09		T.	.06				.40	.06	.15	.05	T.		.20	.05		T	T.	.48	T.		T	.87	T.		.40			3.06
Lycippus, 1.5 E	W'moreland	.06	.04	.14	.16		T.	.14				.11	.21	T.	.13	.26		.06	.08				.35	.11			.76	.13		.38			3.12
Marienville[1, 5]	Forest			.05				.04				.38	.15		.24	.09		.16	.05				.49	.21			.47			.06			2.39
Meadville[2], 1 S	Crawford	.10	T.	T.	.04		T.	.02	.05			.16	.31	.07		.37	.06		.19	.01		T.	.04	1.72	T.			.67					3.81
Mosgrove[2]	Armstrong	.04	.06	.10	.02	T.			.10			.18	.27	T.		.53	.03		.10	.02				.17	T.		T.	.60		T.			2.22
Parkers Landing[2]	Armstrong	.20	.04	.05					.08			.16	.31	.09		.60	.05		.33					.07				.39					2.35
Pittsburgh Cty Of[1, 5]	Allegheny	T.	.06	.04	.03		T.	.04			T.	.21	.04		.46	.11		.11	T.		T.		.19			T.	.46	.23		.10			2.08
Port Allegany[2]	McKean	.07	T.	T.	.01	T.	T.	.01	.01			.08	.03	.01		.29	.01	T.	.22	.02		.02		1.16					.40					2.34

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																															
Punxsutawney[2]	Jefferson	.20		.10	.02	T.			.10			.14	.17	.03		.33	.02		.12	.05				.18				.33		T.			1.79
Putneyville[2], 2.5 SE	Armstrong	.10	.01	.07					.08			.17	.17			.42	.02		.18	.04				.15				.49		.02			1.92
Ridgway[2]	Elk	.13		T	T	T.	T.	.01	.01			.03	.24	.04		.14	.02		.20	.02				.63				.37		T			1.84
Saltsburg[2]	Indiana	.09	T.	.09	.05	T.	T.	T.	.10			.13	.11	.03	T.	.46	T.		.18	T.			T.	.19			.05	.74		T.			2.22
Seward[2]	Indiana	.22		.05	.17				.12				.25	.05		.30			.15					.26			.10	.50					2.20
Sheffield[1, 5, 6 W]	Warren	.02		.04	.04			.10				.47	.09		.09	.08	.13	.12	.09				1.22	.31			.77						3.57
Smethport[1, 5, 1 SW]	McKean	.01				.02						.40	.04		.27	.02		.20	0				.85	.34			.45						2.62
Strongstown[1, 5]	Indiana		.05		.12			.12				.20			.22	.01	.09	19					.25				.37	.43		.10			2.15
Tionesta[2], 1.5 SE	Forest	.11		.01	.02	T.	T	T.	.04			.14	.33	.04		.30	.04		.22	.03		T.	T	.59				.55		.01			2.43
Titusville, 2 S	Crawford	.15		.01	.04			.10	T.			.40	.20	.03	.05	.40			.24	.01			.14	1.10			.62			T.			3.49
Union City[1, 5]	Erie				.03	.02						.25	.05					.04	.02	.10			.20	.15			.46						§§
Vandergrift[1]	W'moreland	T.	.05	05	T.			.09				.24	.08		.37	.02		.12					.15				.36	.25		.10			1.83
Warren[2]	Warren	.13			.10	T.		.03	.05		T.	.05	.42	.05		.28	.17	T	.22	.05		T.		.70	T			.54	T.				2.79
Youngsville[1, 5]	Warren	.05		.04	.02	.03		.05	.02			.39	.13		•	.35		.26	.08				•	.66			.64						§2.62
MONONGAHELA																															
Confluence[2], 1.5 NW	Somerset	.18	T.	.08	.19	.02	.03		.07			.10	.31	T.		.38	T.		.13	.02		T		.59			.20	.82		.18			3.30
Connellsville[2]	Fayette	.11		.11	.12	.04		T	.06			T	.13			.32			.08	T.				.45			T.	.13		T.			1.50
Donora[1]	Washington		.04	.06	.07			.04				.11	T.	T.	.43	T.		.02	.02				.35			T	.59	.15		.20			2.08
Greensboro[2]	Greene	.06	T.	.05	.04	.05	.01	T	.01			T.	.10	T.		.27	T.		02	T.		T.		.78			.04	.45		.22			2.10
Greensburg, 2 S	W'moreland	.02	.03	.09	.03		.01	.02				.16	.15	T.	.09	.36		.06	.07				.37				.72	.18		.20			2.56
Irwin	W'moreland	.03	.02	.12	.09		T.	.03	.01			.10	.16	T.	.12	.40	.01	.02	.11			T.	.10	.15			.46	.40		.16			2.49
Meyersdale[2]	Somerset	.21	.01	.07	.08				.02			.11	.15			.33			.09	.01		.01		.67			.22	.51		.21			2.70
Murrysville[1, 5]	W'moreland		.13	.08				.08				.02		.04	.60		.10	.10					.20				.45	.23					2.03
Newell[7]	Fayette	T		.40	.20			.20				.20				.60			.20				.30	.50			•	.80		•			§§
Pittsburgh Arpt. 1, 5	Allegheny	.01	.05	.04	.06		T.	.04	T.		.01	.21	.04	T.	.44	.06		.09	T.		T.		.26	T.		T.	.55	.17	T.	.23			2.26
Rices Landing[2]	Greene	.03	.01	.07	.05	.05	.08		.05			.03	.12			.36			.06	T.				.50			.08	.52		.20			§2.21
Somerset	Somerset	.17	.03	.04	.11		.08	.06	T.			.22	.08		.06	.16		.03	.14	T.		.03	.51	.03			.59	.06		.60			3.00
Springs[6], 1 SW	Somerset	.12	.03	.21	.13		.15	.08	T.			.32	.10	.01	.28	.10		.13	.12	T		.07	.85	.02			1.00			.46			4.18
Uniontown	Fayette	T.	T.	.11	.11			.08				.04	.11		.07	.14		.14	.06				.48	.01			.28			.49			2.12
Waynesburg	Greene	.01	T.	.04	.06			.04				.06	.02		.14	T.		.22	.09				.61				.54			.56			2.39
BEAVER																															
Beaver Falls[2]	Beaver	.01	T.	.13	.03	T.		T.	T.			.05	.46	.02		.22	T.	T.	.10	T.			T.	.05			T.	.37		T.			1.44
Butler	Butler	.04		.11	.04			.07				.50	.41		.04	.52			.16				.02	.05			.43	.16		.09			2.64
Greenville	Mercer	.03		.03	.01			.06				.28	.11		.15	.18		T.	.15				.16	.12	T.		.56	.02		.01			1.87
Jamestown[2], 2 NW	Mercer	T.	.01	.01				.02	.04			.11	.21	.39		.22	.03		.17	.02			.04	.47				.63		T.			2.37
Mercer Arpt.[3], 2.5 NE	Mercer	.01	.03	.03	.01	T.	T.	.09			.02	.25	.07	T.	.22	.03		.19	T.				.22	.01			.43			.06			1.67
New Castle, 1.5 N	Lawrence	.04		.03	.08			.05	.02			.30	.13			.18	T.		.34				.06	.03				.31	T.	.15			1.72
Pennline, 2.1 S	Crawford	.06	.04	T.	.03		T.	.02	.05			.11	.20	.02		.28	T		.22	T.			T.	.91	T			.53					2.47
Sharon[2]	Mercer	.1[1]		.03		.02		T.	.06			.10	•	.20		.20			.15	T.			T.	.14				.34		.06			1.41
OHIO																															
Claysville[2]	Washington	.04		.11		.07			.05			T.	.22			.38	.06		.08	T.				.56			.31	.39		05			2.32
Coraopolis[2], 1 E	Allegheny	.05		.08	.04	T.		T.	T.			.05	.17	T.		.35	.02		08	T.			T	.09			.17	.56		T.			1.66
Midland[2]	Beaver	.06		.10	.05	.02			.03			.05	.46			.18	T.		.14				T.	.14			T.	.56		T.			1.79
Mt. Lebanon[6]	Allegheny	T.	.09	.04	05			.05				.18	.05		.35	.10		.08	T.			T.	.24				.35	.33		13			2.04
Washington[1, 5]	Washington		.05	.08	.05			.04				.11			.38			.13					.54				.62	.08		.12			2.20
LAKE DRAINAGE																															
Erie[1, 5]	Erie			.05		.05	.03			.03	.44	.20		.39	T.		.10	T.		.02		.67	.08			.16		T.	T.			2.22
Raymond[1, 5]	Potter				.02						.21	.09		.34	.10		.11	.09				.70	.29			.26	.11					§2.32

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Wind-shield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Boswell	formerly	Laurel Hill Summit
Dauphin	"	Peters Mountain Tower
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Williamsport 4 SE	"	Shaffers Path

Daily Temperatures for February 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown Arpt.[3-4] NE..	Maximum..	35	33	40	40	44	45	38	30	32	33	24	22	28	44	39	35	36	42	29	37	43	37	46	57	48	35	38	38	35	.....	.....	37.3
	Minimum..	20	18	27	22	20	20	20	16	17	17	16	15	6	3	29	22	27	16	9	16	26	24	32	27	29	31	31	33	26	.....	.....	21.2
Allentown /.....	Maximum..	28	34	41	40	47	42	42	30	31	35	22	26	31	45	39	35	42	45	41	37	45	48	49	63	50	36	42	39	38	.....	.....	39.4
	Minimum..	23	19	19	30	21	23	21	17	17	18	17	17	11	6	9	23	23	29	12	12	21	27	29	30	30	30	30	31	33	.....	.....	21.7
Altoona-4.5 SW.....	Maximum..	27	32	36	39	54	35	36	31	41	33	27	22	28	27	35	38	46	31	32	45	44	53	45	54	50	42	50	42	34	.....	.....	38.3
	Minimum..	19	10	29	30	23	29	20	11	22	13	20	11	4	8	22	16	18	27	11	12	25	24	32	31	22	32	31	29	26	.....	.....	20.9
Arendtsville[6].....	Maximum..	41	35	36	44	47	54	46	38	36	35	24	25	31	32	39	39	33	44	34	36	47	38	53	62	52	40	43	50	38	.....	.....	40.4
	Minimum.	26	18	29	31	24	32	24	21	24	19	21	18	11	9	30	19	22	32	14	18	30	25	32	27	26	32	32	32	31	.....	.....	24.4
Bethlehem[1].....	Maximum..	37	33	39	39	45	49	36	31	31	34	24	23	28	44	37	33	38	44	28	37	44	40	47	59	50	39	38	39	35	.....	.....	38.0
	Minimum..	21	19	28	29	24	25	24	17	18	22	18	16	13	12	33	23	27	20	11	20	30	31	37	32	30	30	30	30	35	27	.....	24.2
Bradford-4 W.....	Maximum..	33	31	34	34	45	49	31	29	35	27	21	21	24	30	31	35	37	35	30	41	41	41	48	40	43	43	40	36	29	.....	.....	35.0
	Minimum..	11	9	20	28	19	16	12	−11	1	8	14	6	− 6	−11	21	−10	3	19	−18	− 4	27	20	32	28	12	32	33	26	21	.....	.....	12.3
Brookville[3].....	Maximum..	27	29	34	35	51	35	31	26	41	31	23	16	23	33	31	36	39	34	29	41	41	53	44	47	49	40	47	32	30	.....	.....	35.4
	Minimum..	5	1	28	28	29	20	15	1	14	9	16	10	− 2	− 3	10	2	11	6	− 3	5	23	23	30	22	18	36	32	29	18	.....	.....	14.9
Burnt Cabins[1-2] NE....	Maximum..	33	34	37	40	.....	.....	.....	.....	.....	38	32	22	33	31	38	40	34	41	33	39	44	39	50	59	53	42	52	44	35	.....	.....	39.3[c]
	Minimum..	20	11	26	24	.....	.....	.....	.....	.....	15	22	15	8	15	29	30	21	21	7	17	28	22	24	27	20	34	34	33	24	.....	.....	22.0[c]
Butler.....	Maximum..	36	29	35	37	53	54	50	32	39	40	32	30	20	30	37	34	38	40	.....	45	43	52	58	50	51	50	50	45	34	.....	.....	40.9[a]
	Minimum..	23	6	28	32	31	33	25	2	17	10	24	10	0	10	26	10	15	29	10	.....	25	26	35	30	19	40	34	30	27	.....	.....	21.7[a]
Carlisle.....	Maximum..	40	35	38	47	47	52	47	39	36	39	37	38	32	33	40	38	35	45	40	38	50	42	51	63	54	40	43	47	40	.....	.....	42.3
	Minimum..	24	19	27	30	20	30	21	18	22	20	17	15	10	5	28	24	18	25	11	16	27	23	33	23	26	30	35	30	29	.....	.....	22.6
Chambersburg[6-1 SW...	Maximum..	41	35	45	45	50	56	45	38	37	40	29	26	32	32	40	40	34	43	32	41	48	36	55	64	56	44	44	51	36	.....	.....	41.9
	Minimum..	25	19	30	32	24	30	27	20	24	21	20	16	13	12	27	20	23	30	13	19	27	25	36	28	27	33	32	34	30	.....	.....	24.7
Clarion[6-3 SW.....	Maximum..	35	30	35	37	51	52	32	30	40	34	31	21	25	35	34	38	39	38	30	44	44	53	46	49	45	43	37	32	.....	.....	.....	38.1
	Minimum..	19	− 1	27	31	25	21	15	− 3	10	4	20	11	12	15	25	− 1	7	18	−10	4	19	21	34	26	17	37	34	29	24	.....	.....	16.9
Claysville /.....	Maximum..	32	35	36	39	56	35	38	30	44	37	38	17	27	37	33	41	47	34	36	46	48	58	44	55	55	64	56	38	28	.....	.....	40.8
	Minimum..	23	11	15	33	29	29	19	13	11	11	11	11	1	5	26	14	22	29	7	8	20	20	34	28	20	22	44	32	27	.....	.....	19.8
Coatesville[6].....	Maximum..	38	35	40	43	45	50	39	35	31	34	28	27	29	38	45	39	38	46	36	36	45	42	49	61	50	41	42	41	37	.....	.....	40.0
	Minimum..	22	18	30	32	22	32	25	19	22	21	19	12	12	8	33	24	28	36	14	18	27	26	39	28	27	32	31	34	31	.....	.....	24.7
Columbia.....	Maximum..	41	35	37	46	49	52	43	42	32	39	35	30	32	35	43	40	40	48	36	39	49	48	52	66	63	50	43	43	42	.....	.....	43.1
	Minimum..	17	15	28	27	21	31	21	17	22	17	20	20	14	11	29	22	25	34	15	20	29	26	37	27	25	34	32	30	32	.....	.....	24.2
Coudersport.....	Maximum..	35	30	35	37	48	48	31	30	41	35	23	22	26	31	32	35	34	37	38	43	45	39	45	47	50	40	37	36	31	.....	.....	36.6
	Minimum..	16	11	19	27	18	22	18	− 5	8	8	13	7	6	6	21	− 5	3	15	−15	2	25	20	32	23	14	31	31	27	21	.....	.....	14.4
Curwensville[3-6 NW....	Maximum..	23	26	32	32	47	38	29	27	39	29	18	15	22	30	27	31	39	36	28	40	41	49	41	47	47	35	40	28	27	.....	.....	33.2
	Minimum..	10	9	26	20	23	17	9	2	14	9	13	5	0	11	10	9	20	5	− 6	12	23	30	31	24	20	30	28	26	15	.....	.....	15.3
Derry[6].....	Maximum..	36	34	35	37	56	56	35	34	44	40	36	34	28	38	40	41	40	49	35	47	48	57	59	56	56	54	44	36	35	.....	.....	42.8
	Minimum..	18	13	32	32	31	27	20	13	23	13	25	12	8	9	26	14	29	22	8	17	26	25	35	28	21	39	36	32	24	.....	.....	22.7
Donegal[1].....	Maximum..	31	35	34	34	52	52	36	34	40	39	32	22	24	35	33	42	48	48	31	43	45	56	56	53	56	43	58	38	33	.....	.....	40.8
	Minimum..	18	5	30	31	24	20	22	11	20	10	22	8	4	9	22	13	24	12	2	14	22	24	32	32	18	36	24	28	20	.....	.....	19.2
Donora[1].....	Maximum..	33	37	39	41	59	56	39	30	47	38	38	22	28	42	37	43	50	52	34	50	51	61	62	59	60	56	60	40	32	.....	.....	44.7
	Minimum..	24	18	35	35	36	29	28	15	25	21	22	15	11	19	29	27	30	22	16	20	30	31	37	37	27	46	36	32	27	.....	.....	26.9
Eagles Mere /.	Maximum..	18	27	38	32	45	35	28	20	30	24	22	18	24	38	32	29	34	38	26	33	43	40	42	49	43	30	33	30	28	.....	.....	32 0
	Minimum..	13	8	6	22	20	18	17	3	2	11	11	11	1	5	10	10	12	21	− 5	− 5	12	24	30	28	20	20	26	27	25	.....	.....	13.9
East Waterford[6-3 E....	Maximum..	34	29	33	36	42	50	35	30	34	32	23	18	26	24	30	32	30	38	30	37	42	36	50	54	51	40	40	38	29	.....	.....	35 3
	Minimum..	18	14	24	29	26	26	22	11	16	14	14	9	6	16	22	18	23	24	4	20	26	29	33	33	26	28	28	28	24	.....	.....	21.1
Ebensburg /.....	Maximum..	22	32	34	31	50	28	30	27	38	31	25	13	22	23	28	34	45	32	32	42	40	53	44	49	50	42	54	42	37	.....	.....	34.8
	Minimum..	16	16	16	27	26	26	20	11	9	12	12	9	4	10	13	16	16	24	1	1	22	22	31	28	22	20	27	27	27	.....	.....	17.6
Emporium[6-1 E.....	Maximum..	35	31	....	38	53	58	33	31	43	32	....	22	26	30	32	35	40	35	34	44	45	55	37	49	49	38	41	35	.....	.....	.....	38 3[c]
	Minimum..	17	7	....	26	21	25	17	0	11	..	9	10	5	− 6	26	− 4	6	5	− 8	− 9	2	23	25	26	6	17	34	31	28	.....	.....	.....	13.0[b]
Ephrata.....	Maximum..	39	34	37	46	46	46	38	37	32	39	29	27	38	34	44	39	37	47	34	39	49	39	50	62	54	44	41	43	39	.....	.....	40.6
	Minimum..	27	19	29	32	23	33	25	16	23	19	20	19	12	7	33	24	26	34	14	20	25	25	36	28	27	34	32	34	32	.....	.....	25.1
Erie[1].....	Maximum..	27	34	35	37	53	38	32	24	33	24	21	20	25	33	29	37	41	33	29	37	41	49	43	44	45	45	46	32	27	.....	.....	35.0
	Minimum..	20	20	32	30	34	22	16	11	19	18	18	11	8	17	18	17	29	10	4	20	29	36	32	30	27	40	32	27	22	.....	.....	22.4
Everett[1-0.5 SW.....	Maximum..	31	37	39	39	58	56	43	35	42	38	29	23	32	36	37	41	40	47	33	40	46	38	56	58	54	38	58	44	34	.....	.....	41.4
	Minimum..	22	13	28	27	22	25	22	20	22	28	22	14	10	7	27	15	27	18	8	14	25	22	26	24	21	33	34	33	24	.....	.....	21.8
Ford City[6-4 S	Maximum..	36	32	40	40	56	57	34	38	43	35	34	31	25	37	38	38	40	44	31	45	46	50	58	53	55	47	49	39	33	.....	.....	41.5
	Minimum..	19	6	21	30	26	23	16	− 1	14	7	22	8	4	− 3	24	10	15	19	− 3	10	18	21	33	36	18	37	34	28	22	.....	.....	17.7
Franklin /.....	Maximum..	25	32	37	37	53	32	34	31	39	32	27	18	27	36	34	39	40	34	30	45	45	54	38	45	52	42	42	33	29	.....	.....	36.6
	Minimum..	22	6	7	31	31	26	16	6	6	12	12	11	1	2	6	3	6	14	− 2	− 3	9	26	29	31	20	21	33	30	27	.....	.....	15.1
Fredericksville-1 S	Maximum..	36	36	39	49	45	45	35	36	35	32	31	25	27	33	45	35	35	44	31	36	43	39	47	59	54	35	36	38	36	.....	.....	38.5
	Minimum..	23	10	25	28	15	25	14	14	16	14	14	16	6	2	29	18	21	29	6	10	25	21	36	26	25	31	29	30	29	.....	.....	20.2
Freeland..	Maximum..	31	24	35	33	40	48	32	29	28	27	25	21	23	25	38	30	30	35	27	36	38	36	43	49	44	39	34	33	31	.....	.....	35.2
	Minimum..	13	11	21	26	19	26	18	6	10	13	11	9	3	13	18	13	21	26	0	16	24	29	32	31	22	24	25	29	23	.....	.....	18.3
George School[6].....	Maximum..	38	37	44	44	41	50	37	35	31	32	28	28	31	39	43	37	40	47	31	35	46	44	52	62	50	40	37	43	37	.....	.....	40.0
	Minimum..	21	18	28	28	22	30	20	18	22	19	20	17	11	3	23	21	22	30	12	19	24	30	32	32	28	28	32	34	30	.....	.....	23 2
Gettysburg.....	Maximum..	41	45	38	45	48	54	46	42	35	35	34	26	31	31	38	39	39	43	41	35	47	47	53	63	62	49	45	47	47	.....	.....	43.0
	Minimum..	22	19	30	30	25	38	28	23	26	20	21	18	10	16	27	18	23	32	15	22	29	29	36	29	29	34	33	30	32	.....	.....	25.7
Gordon.....	Maximum..	35	30	38	38	45	49	34	33	33	31	29	22	27	30	36	33	34	39	31	38	43	41	47	56	53	42	38	38	35	.....	.....	37.2
	Minimum..	21	15	21	30	15	32	14	11	15	13	16	14	7	1	24	15	19	31	4	10	33	21	34	25	22	30	30	34	30	.....	.....	20.2
Greensburg-2 S	Maximum..	37	35	36	37	56	56	36	42	38	39	37	34	27	40	40	40	43	50	34	46	48	50	59	53	56	50	58	46	37	.....	.....	43.4
	Minimum..	22	6	32	32	28	28	16	19	20	9	27	13	3	5	27	13	19	29	7	7	19	19	32	23	16	40	38	32	27	.....	.....	21.0
Hanover /.....	Maximum..	35	35	37	45	49	44	46	35	35	37	27	26	31	38	39	39	42	45	43	36	50	50	51	65	54	37	43	49	35	.....	.....	41.3
	Minimum..	26	20	21	31	27	32	26	23	22	22	22	18	11	18	23	23	26	30	16	16	29	28	35	32	30	30	32	31	32	.....	.....	25.2
Harrisburg Arpt. [1-3.5 S.	Maximum..	36	35	38	42	51	53	42	32	32	37	29	25	30	33	39	37	36	44	33	40	48	40	51	62	53	41	42	42	36	.....	.....	40.0
	Minimum..	26	21	31	31	26	28	27	20	23	24	19	18	15	15	31	23	25	24	16	23	32	30	34	29	32	33	33	36	30	.....	.....	26 0
Hawley-0.5 E.....	Maximum..	34	32	37	36	42	49	34	32	32	30	29	22	26	31	37	35	33	40	27	40	41	37	45	51	43	36	38	36	34	.....	.....	35.8
	Minimum..	13	11	15	27	10	25	10	10	8	16	13	14	5	− 9	25	9	10	23	− 1	1	24	18	34	24	22	21	25	35	28	.....	.....	16.0
Holtwood[1].....	Maximum..	41	37	37	42	46	52	40	32	32	37	31	27	32	43	43	39	37	45	32	35	46	39	52	60	47	39	43	42	37	.....	.....	40.2
	Minimum..	27	19	31	28	25	29	26	21	25	23	25	20	17	16	33	25	28	31	18	23	28	30	34	34	32	36	34	32	31	.....	.....	26.7
Huntingdon[6]	Maximum	41	36	35	40	53	58	39	36	44	38	30	25	31	31	38	41	36	46	32	42	49	35	58	60	54	47	54	43	36	.....	.....	41 7
	Minimum..	24	10	29	33	19	29	26	14	22	15	22	16	10	3	27	20	18	18	18	6	22	21	34	23	19	35	34	34	27	.....	.....	21.7
Indiana.....	Maximum..	36	30	34	34	51	53	32	32	41	39	35	30	25	37	38	42	38	45	30	45	44	46	56	51	53	52	49	41	34	.....	.....	40.4
	Minimum..	21	11	25	32	26	20	23	9	24	16	24	10	6	4	25	9	21	19	9	10	25	29	34	31	26	37	38	31	26	.....	.....	21.4
Irwin	Maximum..	37	32	36	36	54	54	36	36	41	41	36	34	34	36	36	40	40	42	32	46	48	48	53	52	53	52	49	46	38	.....	.....	42.0
	Minimum..	21	12	30	32	29	26	22	8	21	11	20	11	8	11	25	17	23	28	8	15	25	26	35	29	19	39	42	30	26	.....	.....	22.4
Jamestown /-2 NW.....	Maximum..	27	32	35	35	50	32	30	28	37	28	23	22	22	33	31	39	50	30	30	41	42	52	60	64	49	42	39	30	28	.....	.....	36.6
	Minimum..	18	4	12	19	26	22	18	2	2	7	10	10	−10	− 5	11	− 2	11	21	−10	− 9	9	21	30	27	16	20	30	26	21	.....	.....	12.3
Johnstown[6-0.5 W	Maximum..	34	33	35	35	53	53	35	33	46	38	32	24	29	29	34	40	37	47	33	46	45	42	56	53	56	47	58	40	32	.....	.....	40.5
	Minimum..	19	11	30	30	24	25	24	14	22	14	24	10	8	7	23	16	21	24	3	13	28	24	34	30	23	34	34	29	23	.....	.....	21.4
Kane[1-1 N.....	Maximum..	24	30	31	33	49	49	30	25	37	26	22	20	24	31	30	36	38	35	30	41	42	48	46	43	47	36	41	31	27	.....	.....	34.7
	Minimum..	4	3	26	10	11	11	13	−18	2	2	15	3	−14	− 9	2	−10	−10	2	−18	− 5	18	14	31	18	10	30	30	26	17	.....	.....	7.6

Continued on page 15.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Lancaster	Maximum	41	36	38	46	46	49	43	40	33	37	36	28	31	34	45	39	39	47	43	39	49	47	51	63	61	49	42	43	43			42.6
	Minimum	27	16	27	27	20	33	20	16	23	16	20	20	9	5	30	20	23	33	15	18	22	23	36	2	35	41	29	31				23.1
Lawrenceville	Maximum	33	33	35	36	49	52	36	29	42	35	22	21	33	31	38	36	35	38	31	47	45	41	44	47	45	40	40	46	36			37.3
	Minimum	9	9	22	26	19	24	16	3	10	16	15	14	5	3	26	9	6	20	9	2	21	21	35	27	13	30	31	31	26			16.3
Lebanon	Maximum	31	34	38	42	49	42	39	31	38	35	22	24	32	43	38	37	41	42	33	40	48	52	49	62	59	45	49	44	45			39.2
	Minimum	26	18	19	29	24	25	23	17	17	20	18	18	10	16	20	25	26	26	13	13	25	27	30	29	28	28	27	32	32			23.6
Lewistown 2 SW	Maximum	32	36	40	42	56	43	42	34	42	37	25	24	31	38	38	41	36	42	34	43	50	46	48	61	52	49	50	46	36			40.7
	Minimum	24	18	18	30	22	24	30	18	18	22	21	16	13	11	12	24	23	22	12	10	13	28	28	24	26	24	33	32	32			21.6
Lock Haven[6]	Maximum	38	35	38	43	52	55	37	35	41	35	28	24	31	32	37	35	36	42	33	44	48	35	50	59	52	47	47	49	35			39.8
	Minimum	25	1	30	35	23	32	21	11	19	14	19	15	12	5	29	13	16	28	3	11	21	21	34	2	23	35	35	34				21.5
Marcus Hook[1]	Maximum	45	40	46	44	50	53	43	40	36	37	32	30	30	51	51	44	45	50	35	39	49	48	55	63	56	44	44	45	40			44.1
	Minimum	28	26	34	34	30	33	30	24	26	25	24	21	18	25	36	30	34	33	18	27	33	33	42	37	34	36	35	38	33			30.2
Martinsburg[3]	Maximum	25	32	36	35	53	50	38	29	40	33	25	22	26	33	31	37	41	43	36	44	43	53	52	54	56	45	54	38	32			38.4
	Minimum	17	14	30	28	28	25	24	15	22	17	20	10	5	17	22	17	24	12	8	18	27	28	32	34	29	32	33	36	22			22.0
Mauch Chunk-1 SW	Maximum	36	31	40	38	41	42		36	28	29	28	23	25	29	38	35	34	43	34	33	40	41	44	54	54	44	36	47	36			36.7[8]
	Minimum	20	14	18	29	13		12	13	15	12	14	16	8	4	26	11	11	33	5	7	25	19	33	24	23	30	30	34	30			18.6[8]
Meadville -1 S	Maximum	26	32	35	38	51	30	32	34	37	26	25	18	23	34	31	39	39	31	31	43	45	48	40	43	48	41	40	40	27			35.1
	Minimum	20	6	9	30	29	23	16	- 1	2	9	10	10	- 4	- 1	16	- 2	9	16	- 9	- 8	8	23	32	28	18	19	33	28	24			13.6
Mercer[3-2.5 NE	Maximum	28	30	35	35	51	34	31	26	37	29	27	14	21	34	30	37	37	38	27	40	42	53	54	45	51	42	42	42	31	27		34.9
	Minimum	1	5	20	29	29	19	11	1	13	10	12	4	- 1	9	8	6	20	1	- 5	12	22	28	36	22	26	37	30	26	17			15.3
Middletown[1-1.5 W.	Maximum	37	35	36	44	50	53	40	35	33	36	36	27	30	33	38	38	36	45	33	39	48	48	51	62	54	44	41	42	36			40.7
	Minimum	25	18	30	28	22	25	25	18	21	21	19	18	13	10	30	22	23	24	15	21	29	30	30	28	25	32	32	33	30			24.1
Midland[1]	Maximum	32	35	40	39	56	53	38	32	41	40	36	28	24	38	35	40	37	38	33	45	45	55	56	52	54	52	46	39	34			41.0
	Minimum	22	15	32	33	28	27	25	13	22	12	22	11	6	15	24	17	24	17	10	18	24	29	32	27	25	37	37	32	25			22.8
Montrose -3 E	Maximum	14	28	32	28	42	33	30	17	32	21	20	18	23	37	32	28	36	33	22	36	38	40	38	42	38	29	36	31	26			30.4
	Minimum	10	5	12	20	11	18	12	3	2	10	10	12	3	3	10	10	10	18	- 5	- 5	15	26	27	27	20	20	24	28	23			13.1
Mt. Lebanon[6]	Maximum	40	35	36	36	55	52	35	28	43	34	33	24	28	37	36	40	43	46	29	48	48	57	58	54	52	50	53	37	32			41.1
	Minimum	19	15	31	31	29	25	24	11	22	18	24	11	5	17	25	20	29	18	10	18	25	33	36	35	26	39	37	31	24			23.8
Mt. Pocono[3-2 N.	Maximum	31	27	35	32	39	47	30	20	26	25	17	17	25	36	39	29	31	36	24	34	36	42	42	49	40	28	35	33	24			32.2
	Minimum	9	10	19	13	14	14	15	5	8	12	9	8	5	10	23	9	18	8	- 4	11	24	23	30	25	20	24	25	28	20			14.8
New Bloomfield	Maximum																38	36	42	37	39	42	40	54	59	53	45	42	42	38			
	Minimum																30	13	31	9	12	22	23	34	24	21	31	30	34	29			
Newburg[1-3.5 NW	Maximum	40	38	40	42	48	54	45	42	37	42	32	24	36	34	38	40	33	45	35	37	48	42	52	60	52	44	48	52	34			41.9
	Minimum	28	22	30	34	36	30	24	18	20	18	20	14	10	10	28	20	20	24	12	17	26	28	28	20	24	32	22	32	28			23.3
New Castle-1.5 N.	Maximum	36	34	38	38	55	50	34	36	41	35	32	32	30	33	38	41	42	39	31	45	48	47	48	51	52	51	50	42	37			40.9
	Minimum	21	13	30	32	31	27	4	13	15	15	25	12	- 4	5	27	8	18	29	17	23	23	27	35	29	20	33	34	30	26			21.3
Palmerton[1]	Maximum	35	32	40	38	44	47	38	28	30	33	22	24	30	42	42	33	36	43	30	36	42	38	48	56	48	35	35	38	35			37.2
	Minimum	21	19	24	25	20	21	19	16	16	16	16	16	8	3	32	20	27	26	10	11	25	25	37	30	28	31	30	34	27			21.8
Park Place[3-1 NW	Maximum	25	24	32	32	39	43	30	21	27	26	17	17	23	38	31	28	32	36	22	32	37	42	42	50	43	30	34	32	28			31.5
	Minimum	13	11	24	20	20	18	17	7	10	14	11	8	5	10	20	15	22	9	1	16	26	30	31	27	23	26	26	28	19			17.5
Philadelphia Arpt [1]	Maximum	39	36	42	42	49	49	39	34	33	35	29	27	29	49	46	41	42	47	32	35	46	46	52	64	51	38	41	43	37			41.1
	Minimum	25	20	30	27	26	27	24	21	24	25	24	19	15	18	32	27	29	26	15	21	29	31	36	32	30	34	34	36	31			26.5
Philadelphia C.O.[1]	Maximum	41	36	42	44	49	50	41	35	33	38	29	28	31	50	47	39	43	46	33	35	47	48	53	63	51	40	42	44	39			42.0
	Minimum	25	23	32	35	30	32	28	22	25	26	23	20	17	23	33	31	32	26	16	26	34	35	42	27	35	34	34	39	31			29.2
Phila. Shawmont	Maximum	41	36	42	40	46	50	41	38	32	37	36	27	30	37	39	40	41	46	42	36	46	45	52	61	60	49	40	42	41			42.2
	Minimum	29	20	30	28	22	40	20	20	24	21	22	22	16	12	35	24	27	36	14	20	22	28	41	30	28	35	34	32	32			26.8
Philipsburg[3-7 E	Maximum	22	29	33	33	51	47	33	25	40	29	20	19	22	32	29	33	39	40	28	40	40	53	49	49	47	38	49	30	28			35.4
	Minimum	10	8	27	14	20	19	15	3	15	9	15	7	0	16	14	0	23	8	1	14	18	18	28	26	15	30	31	27	17			15.4
Phoenixville-1.5 SE	Maximum	48	45	46	46	64	48	45	49	37	43	29	28	33	38	42	38	38	46	43	42	53	48	54	67	61	53	46	46	47			45.6
	Minimum	28	16	28	21	18	22	18	17	23	15	19	21	12	0	32	21	26	34	14	16	24	24	41	26	25	33	33	30	30			23.0
Pittsburgh Arpt Sta.[1]	Maximum	29	34	37	37	56	53	36	26	44	33	34	19	25	37	32	39	47	45	30	46	47	58	54	57	52	49	54	36	31			40.6
	Minimum	19	17	31	31	31	27	24	11	23	18	19	10	6	17	26	22	31	16	11	24	26	32	33	35	29	39	36	30	23			24.0
Pittsburgh City Office[1]	Maximum	31	36	39	39	58	54	39	28	44	35	37	18	28	40	35	41	48	45	30	49	49	60	55	56	54	52	56	39	33			42.3
	Minimum	24	21	33	34	34	28	25	14	25	21	18	14	11	17	27	24	29	17	16	22	32	34	38	36	28	42	37	33	25			26.2
Port Clinton	Maximum	27	32	40	42	48	40	37	30	30	32	30	26	26	44	37	37	40	42	28	40	42	49	48	58	48	39	40	40	35			38.2
	Minimum	25	15	25	28	20	29	17	15	16	15	16	17	12	3	4	20	20	22	10	16	22	22	33	27	22	20	30	31	30			20.1
Putneyville-2.5 SE	Maximum	35	30	36	37	51	52	34	32	36	35	32	26	27	34	34	37	38	42	30	42	45	44	55	51	51	48	48	39	32			39.0
	Minimum	19	4	23	30	28	24	20	5	16	10	21	10	3	3	24	8	19	24	- 2	9	23	25	33	29	19	35	37	29	25			19.1
Quakertown-0.5 E	Maximum	37	33	41	39	44	46	35	34	30	32	29	25	26	34	45	35	44	44	36	34	42	39	48	58	54	45	35	38	37			38.3
	Minimum	22	15	22	24	14	32	13	14	15	14	16	17	13	4	29	19	19	32	8	11	25	22	37	27	24	30	29	32	29			21.0
Reading[1]	Maximum	38	34	39	44	47	49	38	33	30	37	28	25	30	47	45	36	38	45	31	38	47	43	50	61	50	42	40	42	37			40.1
	Minimum	24	22	31	31	26	30	29	18	22	23	20	18	15	11	33	27	28	23	14	22	30	32	37	34	33	33	33	37	30			26.4
Ridgway	Maximum	28	30	35	35	51	33	31	29	42	31	24	17	20	33	33	36	39	34	32	43	44	54	37	49	51	38	36	34	33			35.9
	Minimum	14	3	6	29	25	28	26	- 5	- 6	7	6	10	- 3	- 7	- 1	- 5	- 2	- 1	- 8	- 6	4	22	26	27	16	16	34	30	27			10.8
Scranton[1]	Maximum	33	31	37	36	47	50	34	22	33	27	23	23	28	43	43	34	40	40	27	40	42	39	45	53	41	35	39	39	32			36.5
	Minimum	15	17	25	25	19	19	17	11	15	20	16	13	10	7	25	19	22	10	7	15	32	27	35	32	28	31	32	32	25			20.7
Selinsgrove	Maximum	33	33	37	42	46	55	39	38	34	34	33	32	30	30	37	37	36	43	36	38	47	47	51	59	57	48	35	44	38			40.4
	Minimum	28	15	28	33	21	36	22	12	20	17	15	11	12	6	27	16	16	32	9	9	22	25	35	28	24	37	34	37	31			22.6
Sharon	Maximum	37	35	40	39	55	55	35	35	39	35	32	29	23	36	34	37	40	40	31	45	48	55	49	47	58	53	47	41	33			40.6
	Minimum	20	16	34	33	34	27	20	9	19	16	22	10	2	6	20	12	21	13	5	16	29	32	37	32	25	43	37	31	27			22.3
Somerset	Maximum	35	33	34	34	51	50	34	37	43	37	32	25	28	29	35	43	38	46	34	44	46	58	54	52	54	47	58	44	38			41.1
	Minimum	18	0	29	30	24	24	22	14	18	10	22	9	1	0	22	3	18	27	- 3	12	24	21	33	28	18	34	33	29	22			18.7
Springs[6-1 SW	Maximum	30	33	33	33	51	52	34	35	41	33	26	29	27	33	35	40	34	45	34	39	41	50	54	52	51	42	57	49	37			39.7
	Minimum	16	15	30	29	19	23	20	16	18	7	21	7	4	4	21	5	20	23	2	14	27	23	33	36	22	32	31	28	20			19.5
State College[1]	Maximum	32	34	37	39	55	54	34	29	39	31	26	22	27	30	34	38	35	42	31	40	44	38	54	54	49	48	49	36	32			38.2
	Minimum	19	15	30	26	23	23	11	19	17	19	11	7	10	26	16	23	15	7	16	30	30	34	32	26	33	33	32	24	21			21.8
Stroudsburg-2 E	Maximum	39	35	41	40	45	47	37	35	30	34	33	27	34	34	45	41	35	45	40	38	43	43	46	58	57	50	36	40	40			40.3
	Minimum	20	14	22	27	15	32	14	14	16	15	16	19	6	0	28	16	22	33	8	12	23	22	35	26	23	29	29	33	32			20.7
Tamarack -2 S	Maximum	24	28	32	35	50	33	27	25	40	20	12	13	26	28	30	30	36	32	30	41	43	46	35	50	45	33	35	30	28			32.3
	Minimum	15	10	10	24	22	25	18	2	1	11	10	10	5	8	13	10	11	21	- 3	- 4	15	26	29	29	22	21	29	26	24			15.1
Tionesta[6-1.5 SE	Maximum	33	30	36	37	49	52	31	31	38	30	26	24	24	33	34	37	38	38	33	43	44	45	54	43	50	42	45	38	40			37.9
	Minimum	17	- 2	26	30	22	22	13	- 6	10	5	18	9	- 9	8	23	- 6	- 4	13	-13	0	26	22	32	25	15	35	34	28	25			14.4
Titusville-2 S	Maximum	33	30	34	36	45	50	31	28	36	30	24	23	21	30	22	35	37	36	27	42	42	41	48	41	48	47	40	32	28			35.4
	Minimum	16	4	27	28	27	20	17	- 4	6	6	18	7	- 2	2	22	4	19	19	- 9	7	26	28	34	30	15	35	32	26	22			16.2
Towanda[6-1 E	Maximum	37	35	37	38	46	53	37	27	39	34	21	22	31	34	38	34	37	40	30	44	47	39	48	52	47	38	42	36	35			38.0
	Minimum	15	14	22	28	16	23	12	8	10	17	15	13	2	- 3	28	4	10	20	3	8	28	22	24	26	21	28	32	33	28			17.4
Uniontown	Maximum	38	36	36	37	58	57	40	38	43	44	38	37	29	45	45	42	42	51	31	46	51	53	59	66	64	58	67	57	39			46.2
	Minimum	24	16	34	33	32	30	26	17	25	18	30	14	8	16	28	21	31	31	13	21	23	28	39	33	26	41	17	31	29			26.5
Vandergrift[1]	Maximum	37	31	39	42	57	57	37	31	46	35	36	31	27	39	39	40	42	47	35	50	52	54	60	57	55	49	55	40	35			43.4
	Minimum	22	14	33	33	32	26	26	8	22	15	26	14	10	5	28	15	22	18	9	17	26	28	32	30	22	41	39	32	27			23.2

Continued on page 16.

Daily Temperatures for February 1944—Continued from page 15.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren[6]	Maximum	31	29	33	35	46	48	30	23	37	25	22	22	25	31	29	36	36	31	32	40	43	37	46	43	47	39	38	31	27	....	....	34.2
	Minimum	15	7	26	26	21	20	18	− 2	7	10	19	7	− 4	− 1	28	2	9	11	− 4	4	28	27	33	29	18	35	31	27	22	....	....	16.0
Waynesburg	Maximum	35	35	36	38	57	55	40	39	47	42	43	37	30	39	39	43	42	48	34	47	50	53	59	59	55	63	61	52	38	....	..	45.4
	Minimum	23	12	31	32	31	27	26	13	21	12	30	11	5	12	25	17	25	29	9	16	24	23	37	29	20	42	46	31	26	....	....	23.6
Wellsboro/	Maximum	22	32	36	38	52	33	34	22	39	25	21	18	30	32	33	34	37	37	34	42	45	45	40	50	48	35	38	34	28	....	....	35.0
	Minimum	14	12	15	26	17	28	16	3	2	10	13	15	5	− 5	8	− 4	− 4	5	−10	−10	11	23	26	29	18	18	31	30	25	....	..	12.7
West Chester	Maximum	39	35	38	43	46	48	37	37	31	35	31	27	30	35	46	39	43	44	37	35	43	44	51	64	54	46	41	41	38	....	....	40.6
	Minimum	27	17	28	30	24	36	23	19	22	21	20	19	12	15	32	24	30	36	14	20	29	29	40	31	30	33	32	33	31	....	....	26.1
Wilkes-Barre[3]	Maximum	32	32	38	38	47	50	35	26	35	31	22	25	28	43	39	36	38	42	29	40	44	38	46	57	47	35	40	38	33	....	....	37.4
	Minimum	16	15	23	18	18	16	17	11	15	19	17	14	6	8	23	19	22	10	6	14	26	25	25	28	26	31	31	32	25	....	....	19.2
Williamsport	Maximum	37	35	39	41	49	49	44	..	39	39	29	37	32	31	39	36	35	38	34	38	49	54	47	58	50	57	37	39	37	....	....	41.0[8]
	Minimum	20	15	25	33	21	33	23	10	12	12	13	10	3	5	21	14	19	32	6	14	25	25	34	27	23	34	32	34	30	....	....	20.9
Williamstown	Maximum	38	31	36	41	47	53	41	35	35	33	33	25	27	30	40	36	35	41	37	40	44	36	49	58	57	50	40	41	37	....	....	39.5
	Minimum	21	16	16	31	17	34	19	13	19	15	16	15	12	15	25	20	20	32	7	13	13	13	35	26	26	31	30	34	29	....	....	21.1
Woodward[3-2 NE]	Maximum	21	28	31	34	48	46	29	23	35	27	17	16	22	30	28	30	32	36	25	39	41	43	44	51	44	34	40	30	27	....	....	32.8
	Minimum	12	11	25	24	23	19	18	14	12	12	12	7	5	14	17	13	22	6	1	18	25	29	29	27	23	28	29	27	18	....	..	17.9
York-3 SW	Maximum	41	35	38	45	50	51	45	41	35	39	38	26	33	36	44	43	43	46	42	40	49	48	50	65	63	50	44	48	45	....	....	43.9
	Minimum	28	15	28	30	24	38	22	21	25	19	22	18	7	11	31	20	25	34	16	22	23	28	39	23	24	34	33	29	32	....	....	24.9

[See page 13 for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum* velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.62	19	29.42	22	9.7	27	se.	26	84	74	83	29	1051
Harrisburg	30.60	19	29.47	23	9.1	37	nw.	23	72	59	67	42	931
Philadelphia	30.61	19	29.45	23	10.1	38	nw.	1	77	58	66	35	853
Philipsburg	30.57	19	29.45	23	14.0	46*	w	23	88	70	77	....	1147
Pittsburgh	30.61	15	29.50	22	11.5	47	nw.	23	80	66	70	33	949
Reading	30.63	19	29.46	23	12.6	45	nw.	1	68	54	54‡	46	916
Scranton	30.60	13	29.38	23	7.8	33	nw	1	78	73†	....	33	1055

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.3	3.7	26	1.7	14	*18
Easton	Delaware	2.1	3.6	27	1.0	14	22
Lehighton	Lehigh	3.1	3.5	1†	2.8	13	9
Reading	Schuylkill	3.7	4.9	19	3.0	18	13
Wilkes-Barre	N. Br. Susquehanna	3.5	11.0	25	1.8	14	22
Williamsport	W. Br. Susquehanna	2.4	5.8	29	0.8	14	20
Newport	Juniata	4.5	6.3	29	3.4	12	22
Harrisburg	Susquehanna	4.1	5.0	29	3.3	15	17
Schenley, (nr) Lock No. 5	Allegheny	14.2	20.0	27	12.0	14	24
Sutersville	Youghiogheny	5.2	10.1	24	3.4	13	20
Charleroi (nr.), Lock No. 4	Monongahela	14.1	25.4	23	11.3	14	30
Pittsburgh	Ohio	*	17.3	27	*	.....	25
Midland, Dam No. 7	Ohio	*	22.2	27	*	.....	30

* Pool stage. † On other days also.

W. B. O., Philadelphia—4-22-44-975.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLIX. MARCH 1944. No. 3.

GENERAL SUMMARY.

March was cold and stormy, reversing the trend of the two preceding months and giving the State another month of winter weather. Temperatures were consistently below normal and the consequent deficiency eliminated the average daily surplus which had accumulated during January and February.

Precipitation was above normal in frequency of occurrence and in amount. The average was higher than in any month since last October and exceeded the combined averages of the first two months of the year, reducing the deficiency accumulated since January 1st to 0.85 inch. Snow, sleet, and freezing rain contributed to the excess, the most significant amounts falling on the 4th and the 19th-20th. These were the most damaging storms of the month and eight deaths were attributed, directly or indirectly, to the dangerous conditions created by snow-covered, slippery roads. Of these deaths, seven occurred on the 4th and one on the 19th. Chiefly as a result of these storms, the average snowfall was greater than in any month since January, 1943 and was 43 percent of the season's total.

The frequent storms raised stream levels and all sections reported minor flooding at some time during the month but crests were well below flood stages. In Wayne County, two small temporary bridges were damaged by ice jams on the 13th. Thunderstorms, reported by most stations, were most general on the 16th and 27th. The most damaging one occurred on the 27th, when lightning struck a powder mill. The resulting explosion shattered 100 windows in Uniontown, 6 miles distant.

High winds were general on the 29th. Damage to property and trees was extensive, particularly in southwestern counties and at Erie. At the latter place, a velocity of 65 miles per hour was reported. Two people were injured and one man was killed by flying debris.

Weather conditions were generally favorable for crops during March and the condition of the soil was improved greatly by the month's adequate precipitation. Winter wheat prospects were brighter than on March 1st and it appears that any shortage due to decreased yield will be more than made up by increased acreage. The outlook for fruits is promising. G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 82 stations was 34.4°, which is 3.1° below the 57-year normal for March. The highest monthly mean was 41.4° at Marcus Hook, and the lowest was 26.0° at Montrose. Extremes ranged from a maximum of 79° at Donora on the 15th to a minimum of −6° at Kane on the 10th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 199 stations, was 4.69 inches, which is 1.17 inches above the 57-year normal for March. The greatest monthly amount was 8.44 inches at Johnstown, while the least was 1.87 inches at Union City. The greatest amount recorded in any 24 consecutive hours was 2.05 inches at George School on the 12-13th.

The average snowfall for the State was 11.8 inches, which is 3.9 inches above the 57-year normal. The greatest monthly snowfall was 27.0 inches at Boswell. The greatest fall for any observational day was 13.4 inches at Johnstown on the 5th.

ERRATA

February, 1944. Page 10, Chambersburg, total precipitation should be 1.40 inches, departure, −1.36 inches; Freeland, mean temperature should be 25.8°, departure, +1.1°. Page 12, Chambersburg, total precipitation should be 1.40 inches. Page 14, Chambersburg, minimum on 26th should be 32°. Page 15, Lancaster, mean maximum should be 42.6°.

OBITUARIES

Mrs. Lillian F. Becker, cooperative observer at Lakeville, Pennsylvania, died on March 15, 1944. Her services began in January, 1928 and continued until the time of her death.

Dr. Benjamin L. Miller, who had been closely connected with the cooperative station at Bethlehem, Pennsylvania, since November 1925, died on March 23, 1944. He had been influential in arranging for the establishment of the cooperative station at Lehigh University.

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	31.2	72	−6	3.55	9.9	11	6	10	13
1889	39.0	76	4	2.90	3.1	9	10	8	15
1890	33.2	76	−21	5.15	17.5	16	6	10	15
1891	33.8	60	−14	5.10	15.8	14	7	8	16
1892	31.8	66	−4	4.14	18.8	12	11	7	13
1893	34.8	74	3	2.52	4.8	11	9	9	13
1894	43.2	84	−2	1.63	1.3	8	12	11	8
1895	33.8	70	−4	2.31	9.0	11	10	10	11
1896	30.6	69	−18	4.51	21.1	11	11	8	12
1897	39.0	75	−5	3.22	3.4	13	11	7	13
1898	44.0	83	4	4.31	3.6	12	10	8	13
1899	36.3	75	3	4.87	7.9	14	5	9	17
1900	31.2	66	−23	3.61	13.1	10	10	9	12
1901	37.4	80	−11	4.14	3.3	13	7	10	14
1902	41.3	78	2	3.98	12.6	11	10	9	12
1903	46.4	83	14	4.52	0.1	11	10	7	14
1904	36.0	80	−2	4.29	4.7	12	9	8	14
1905	39.0	86	−18	3.86	4.1	11	12	8	11
1906	31.7	68	−13	4.46	20.4	14	8	7	16
1907	41.8	92	−10	4.26	9.3	12	11	8	12
1908	40.7	83	−4	4.76	3.7	12	11	8	12
1909	35.6	74	−5	3.07	7.3	12	10	9	12
1910	44.9	88	5	0.56	1.0	5	15	10	6
1911	35.0	73	−18	2.57	10.1	13	11	8	12
1912	33.6	72	−8	5.05	6.9	13	10	8	13
1913	42.1	81	−7	5.27	2.1	13	9	8	14
1914	34.2	79	−12	2.61	13.4	10	10	8	13
1915	32.9	62	−4	1.28	9.5	7	15	8	8
1916	30.7	84	−31	4.12	17.6	12	12	8	11
1917	37.3	84	−12	3.68	12.7	14	11	8	12
1918	41.6	82	0	2.34	1.5	8	17	7	7
1919	41.1	79	6	3.57	2.4	10	15	7	9
1920	38.7	80	−11	2.83	6.4	9	16	7	8
1921	48.0	88	7	3.33	1.0	14	12	9	10
1922	40.0	81	−5	4.37	6.1	14	11	6	14
1923	37.0	80	−8	2.49	6.2	11	13	8	10
1924	36.1	78	3	2.83	10.3	9	12	9	10
1925	40.9	79	−15	2.56	2.2	10	14	6	11
1926	33.1	79	−16	1.91	4.0	10	14	8	9
1927	42.0	82	−6	2.61	0.7	10	13	7	11
1928	37.0	82	−3	3.24	14.5	11	12	9	10
1929	43.7	89	−5	2.69	4.4	12	12	8	11
1930	37.9	78	−9	3.03	4.9	10	13	7	11
1931	36.3	69	10	2.96	6.6	11	8	7	16
1932	33.4	72	−8	4.41	14.7	11	10	8	13
1933	36.6	79	−7	5.33	5.6	14	8	7	16
1934	34.9	78	−22	2.96	7.7	12	12	7	12
1935	42.8	83	−6	2.62	2.9	12	11	7	13
1936	42.6	84	−3	6.84	7.4	15	9	7	15
1937	34.2	67	−3	2.00	8.3	10	11	8	12
1938	42.7	87	−5	3.19	2.0	14	10	8	13
1939	38.6	85	−10	3.59	3.8	12	11	8	12
1940	32.4	76	−13	4.89	7.9	14	8	7	16
1941	31.8	67	−10	2.10	18.0	9	13	7	11
1942	40.0	76	4	4.47	16.1	13	9	8	14
1943	37.2	85	−15	2.74	7.2	10	11	9	11
1944	34.4	79	−6	4.69	11.8	14	8	9	14
Period	37.5	92	−31	3.52	7.9	12	11	8	12

Climatological Data for March 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[1]	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	33	35.2	−2.7	66	25	14	5	4.87	+1.43	1.25	12-13	9.0	14	13	7	11	ne.	Allent'n-Bethlehem Gas Co.
Altoona-4.5 W	Blair	1,500	58	33.0	−4.4	65	15†	5	10	5.28	+2.16	1.07	12-13	15.0	15	15	9	7	e.	City of Altoona.
Bethlehem	Northampton	364	59	35.8	−4.6	64	25	15	5	4.56	+1.07	1.27	12-13	8.6	13	17	1	13	nw.	Lehigh University.
Burnt Cabins-2 NE	Fulton	990	3	35.2	.....	68	25	5	10	4.33§	.....	0.96	12-13	12.0	14	13	3	15	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	76	36.5	−2.2	68	25	8	6	5.48	+1.96	1.16	12-13	13.0	13	15	5	11	ne.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	37.4	−2.4	70	25	14	6†	5.51	+2.30	1.31	12-13	10.4	12	7	12	12	ne	William B Spear.
Coatesville	Chester	431	56	37.8	−2.0	71	16	12	6	5.76	+1.59	1.46	12-13	11.5	15	3	10	18	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	2	29.2	.....	63	15†	4	10	4.75	.....	0.80	4-5	17.2	17	4	14	13	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	27.5	.....	60	25	4	5	5.10	.....	1.37	23	9.0	11	5	13	13	se.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	7	32.2	.....	61	25	7	19	5.29	.....	1.14	4-5	18.4	13	2	12	17	w.	U. S. Weather Bureau.
Emporium 1 E	Cameron	1,100	58	§§	.....	69	25	0	10†	3.35§	−0.29	0.65	6-7	11.0§	17	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	38.5	−1.6	68	25	9	6	5.37	+1.90	1.24	12-13	11.9	15	8	7	16	ne.	Ira J. Keath.
Everett-0.5 SW	Bedford	1,020	22	34.6	−4.8	73	15	6	10	4.66	+1.39	1.02	4-5	11.4	13	8	9	14	ne.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	51	30.6	−2.2	60	25	7	2†	5.36	+1.25	0.75	2	13.8	11	6	3	22	nw.	Andrew B. Evansha.
George School	Bucks	184	38	37.7	−1.4	66	25	10	6	6.04	+2.67	2.05	12-13	7.0	15	13	7	11	s.	Prof. N. W. Swayne.
Gettysburg	Adams	500	71	38.8	−1.3	69	26	10	6	4.97	+1.66	0.95	12-13	12.5	13	14	4	13	nw	Dr. Henry Stewart.
Gordon	Schuylkill	900	40	33.5	−3.1	64	25	4	6	4.80	+0.79	0.98	23-24	11.0	11	9	8	14	e.	Miss Sallie M. Johnson
Hanover	York	600	40	37.4	−4.9	72	16	16	6†	6.23	+2.89	1.42	12-13	13.6	13	18	1	12	n.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	75	37.0	−1.9	69	25	12	6	5.47	+2.43	1.26	12-13	13.2	15	4	13	14	se.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	34	30.9	−3.7	63	25	3	22	3.11	−0.13	0.70	12-13†	8.7	12	14	3	14	e	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	29	37.6	−3.6	64	25	12	12	4.49	+1.42	1.25	12-13	12.0	14	11	6	14	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	57	36.2	−2.4	71	15	4	10	4.79	+1.27	0.96	12-13	16.1	15	5	10	16	w.	Prof. Paul R. Yoder.
Lancaster††	Lancaster	255	57	38.4	−1.2	66	25†	4	6	5.26	+1.94	1.28	12-13	13.0	15	18	1	12	nw.	Lancaster Water Bureau.
Lawrenceville††	Tioga	996	47	31.8	−2.9	64	25	−2	5	2.23	−0.07	0.55	8-9	8.5	9	9	10	12	n.	Carlos P. Darling.
Lebanon††	Lebanon	469	60	35.5	−3.7	68	25	9	6	6.35	+2.87	1.28	12-13	13.0	11	16	7	8	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	6	35.2	.....	64	15	11	6	4.70§	.....	1.08	4-5	13.4§	12	10	8	13	.....	Penna. Dept. of Highways.
Lock Haven††	Clinton	557	54	35.1	−3.4	69	25	9	10	4.26	+0.89	0.82	16-17	13.9	12	12	8	11	e.	William R. Kelley.
Marcus Hook††	Delaware	12	18	41.4	−2.6	67	16†	18	5	6.53	+3.11	1.57	12-13	7.3	14	22	1	8	n.	Sun Oil Co.
Martinsburg	Blair	1,493	2	33.0	.....	71	15	10	10	3.91	.....	0.77	12	.....	13	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose-3 E††	Susquehanna	1,176	39	26.0	−6.1	59	25	1	5†	3.26	+0.59	0.58	19-20†	17.4	13	6	10	15	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	3	27.8	.....	58	25	4	2†	4.71	.....	1.05	6-7	10.2	16	2	14	15	nw	U. S. Weather Bureau.
Palmerton††	Carbon	455	26	33.8	−3.3	60	25	12	11	4.91	+1.87	1.28	19-20	8.9	10	9	9	13	ne	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	38.5	−0.6	66	25	17	6	5.46	+2.07	1.69	12-13	7.8	15	5	11	15	n.	U. S. Weather Bureau.
Philipsburg†-7 E	Centre	1,916	2	28.4	.....	63	25	−2	10	6.21	.....	1.18	6	19.0	16	2	9	20	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	35	39.3	−1.8	74	16	5	6	5.74	+2.10	1.41	12-13	12.8	14	10	6	15	s.	Phila.-Suburban Water Co.
Port Clinton††	Schuylkill	407	6	33.8	−4.6	66	17	8	6†	5.83	+1.96	1.16	12-13	13.0	11	16	10	5	.	Earl E. Rarick.
Quakertown†-0.5 E	Bucks	480	59	35.0	−2.3	63	25	2	6	5.50	+1.71	1.53	12-13	9.6	12	10	11	10	w	U. S. Weather Bureau.
Reading	Berks	273	74	37.9	−2.7	67	25	15	6	5.47	+1.95	1.30	12-13	13.9	14	3	14	14	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	50	33.4	−2.3	67	25	10	2	2.67	−0.53	0.72	12-13	5.7	14	5	15	11	n.	Dr. George E. Fisher.
Selinsgrove	Snyder	476	54	36.0	−2.5	66	25	3	6	5.00§	+1.28	1.08	23-24	12.0	17	12	4	15	w.	Penna. State College.
State College	Centre	1,217	59	33.9	−2.2	67	25	9	10	4.40	+1.06	0.89	16-17	17.9	13	8	11	12	nw.	Metropolitan Edison Co.
Stroudsburg-2 E	Monroe	440	25	35.8	−0.6	66	25†	9	11	4.91§	+1.10	1.14	6-7	5.5§	11	3	11	17	nw.	James E. Swartz.
Tamarack-2 S	Clinton	2,250	4	28.1	.....	61	25	4	19	3.04	.....	0.50	6-7	13.6	14	4	12	15	w.	Mrs. M. Ordelia Parks.
Towanda†-1 E	Bradford	754	50	32.6	−2.5	66	25	5	5†	2.05	−0.54	0.74	19-20	10.0	11	7	14	10	nw.	M. S. Bliss.
Wellsboro††	Tioga	1,319	74	28.8	−4.1	63	25	1	6	2.25	−0.41	0.50	6	8.2	10	4	15	12	n.	Clyde T. Saylor.
West Chester††	Chester	440	95	38.8	−0.3	70	16	16	5	5.77	+1.94	1.58	12-13	13.4	14	11	8	12	nw.	U. S. Communication Sta.
Wilkes-Barre ††	Luzerne	544	6	32.8	.....	65	25	12	19	3.09	+0.18	0.78	6-7	6.3	14	2	15	14	nw.	John D. McEwen.
Williamsport ††	Lycoming	550	58	35.4	−2.1	67	25	12	10	4.12	+0.90	1.04	6-7	11.5	15	10	11	10	w.	Gordon E. Lower.
Williamstown ††	Dauphin	775	28	36.0	−2.8	66	25	5	6	4.59	+1.32	0.88	12-13	10.5	11	3	17	11	.....	U. S. Weather Bureau.
Woodward-2 NE	Centre	2,191	3	29.0	.....	60	25	6	19	4.66	.....	0.79	3-4†	15.8	12	1	10	20	w.	York Water Co.
York-3 SW ††	York	390	56	39.2	−1.4	70	25	10	6	5.43	+2.32	1.28	12-13	10.0	15	13	8	10	nw.	
Division mean				34.4	.....	74	16	−2	5†	4.73	.....	2.05	12-13	11.8	13	9	9	13	nw.	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	27	30.0	−4.6	65	25†	0	2†	2.75	−0.48	0.54	16-17	6.9	15	2	11	18	w.	City Water Dept.
Brookville	Jefferson	1,400	53	31.6	−1.7	68	15	6	10	4.15	+0.93	0.75	16-17	.....	17	1	9	21	sw.	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	35.8	−1.7	74	16	12	9	4.82	+1.38	0.86	6-7	15.0	16	11	10	10	w.	Butler Eagle.
Clarion†† -3 SW	Clarion	1,114	34	33.4	.....	70	15†	3	10	4.71	+1.03	0.72	6-7	16.5§	19	2	5	24	e.	Penna. Electric Co.
Claysville	Washington	1,170	40	34.6	−6.4	76	15	11	2†	6.29	+2.78	1.50	4	7.1	16	9	8	14	w.	Walter B. Paget.
Coudersport††	Potter	1,653	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Philip R. Shaw.
Derry	Westmoreland	1,150	47	37.8	−1.9	76	15	12	2	6.70§	+2.68	1.78	4-5	17.0	18	8	10	13	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	34.2	.....	74	15	8	2†	5.76	.....	0.90	23	14.8	15	8	11	12	w.	Penna. Turnpike Comm.
Donora ††	Washington	761	18	39.7	−1.8	79	15	15	9	5.77	+2.26	1.61	4	9.2	14	7	9	15	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	27	29.6	−5.7	67	15	6	2	5.76	+2.49	1.27	4-5	18.5	14	9	5	17	w.	Miss. Emma H. Eastman.
Ford City-4 S	Armstrong	950	1	34.9	.....	73	15	9	2	4.81	.....	0.75	12-13†	11.0	17	9	4	18	w.	U.S. Engineers.
Franklin	Venango	987	70	33.6	−1.8	70	15	10	19†	3.29	−0.13	0.58	23	13.0	14	9	9	13	s.	William K. Fuller.
Greensburg-2 S	Westmoreland	1,166	35	36.8	−3.1	75	15	8	2	5.66	+2.15	0.80	4-5	10.1	17	12	7	12	sw.	Westmoreland Water Co.
Indiana††	Indiana	1,300	43	36.6	−2.0	72	15†	12	9	4.86§	+1.11	0.83	23	11.3§	16	13	10	8	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	30.7	.....	66	15	5	10	3.13	.....	0.65	6-7	.....	16	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown†† -0.5 W	Cambria	1,650	62	35.2	−4.0	74	15†	9	11	8.44	+3.94	1.87	4-5	26.7	20	12	8	11	sw.	Robert Tross.
Kane-1 N	McKean	1,750	29	28.5	.....	65	25	−6	10	3.28	−0.61	0.57	19-20	17.0	17	4	6	21	w.	Spring Water Co.
Meadville†† -1 S	Crawford	1,065	50	31.2	−3.6	68	25	2	11	3.59	+0.21	0.65	6-7	15.6	18	3	8	20	sw.	City of Meadville.
Midland	Beaver	780	8	37.3	.....	72	15	14	10	4.67	.....	1.04	4-5	10.2	18	3	11	17	nw.	Perry P. Campbell.
New Castle†† -1.5 N	Lawrence	900	64	37.3	−1.5	74	15†	13	2†	3.32	+0.28	0.62	6-7	10.1	20	5	9	17	sw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	36.0	−1.2	75	15	10	9	5.50	+2.47	1.49	4-5	9.8	15	1	17	13	w.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	35.0	.....	72	15	10	2†	5.16	.....	0.97	16-17	8.7	15	3	15	13	w.	U. S. Engineers.
Ridgway	Elk	1,385	37	30.3	−3.2	68	15	2	10†	3.63	+0.57	0.73	16-17	11.5	15	5	5	21	s.	West Penn Power Co.
Sharon	Mercer	940	31	37.8	+0.2	72	15†	13	19	2.98	+0.23	0.61	23	9.0	13	.....	.....	.....	se.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,100	73	34.0	−1.9	71	15	4	11	5.59	+1.29	1.12	4-5	11.7	18	3	11	17	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	32.4	−3.7	70	15	5	10	5.71	+2.02	1.07	4	9.8	20	0	12	19	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	33.3	.....	69	15†	3	10	3.82	.....	0.68	6	9.7	18	8	9	14	s.	U. S. Engineers.
Titusville 2 S	Crawford	1,550	1	32.5	.....	67	25	5	5†	3.68	.....	0.60	23	9.4	15	2	10	19	sw.	Arthur M. Stokes.
Uniontown ††	Fayette	1,040	56	40.1	−1.3	78	15	14	9	5.53	+1.54	1.18	4-5	3.3	18	10	9	12	sw.	William W. Masteller.
Vandergrift ††	Westmoreland	825	30	37.8	−2.1	75	15	15	2†	4.72	+1.20	0.66	23	.....	14	12	11	8	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	56	32.1	−2.2	66	25	5	5	4.97	+1.79	0.70	29-30	14.5	16	6	11	14	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	37.8	−2.6	76	15	11	2†	4.91	+0.76	1.48	4-5	2.3	16	2	11	18	w.	Thomas S Knox.
Division mean				34.4	.....	79	15	−6	10	4.77	.....	1.95	12	11.8	16	6	9	16	w.	
Lake Drainage																				
Erie	Erie	705	71	32.2	−1.3	69	25	11	5	3.23	+0.61	0.84	15-16	10.7	17	3	16	12	w.	U. S. Weather Bureau.
State mean				34.4	−3.1	79	15	−6	10	4.69	+1.17	2.05	12-13	11.8	14	8	9	14	w.	

[See page 21 for explanation of reference marks.]

Daily Precipitation for March 1944

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike				T			.80	.08					.73			T	.27	18		.70	21			.55				.06		.45	03	3.96
Hawley[2], 0.5 E	Wayne	T.	1		.02			.51	.04	1	1	T.		.70		T	.03	.13	21		.70	21		T	.29				T		24	.03	8.11
Hollisterville[2]	Wayne	.08	.01		.07			.60	.05	1	T.	01		.70		.01	.03	.30	25		.59	22			.37				02		22	02	3.50
Lakeville[2], 1 N	Wayne	T.			.02		T	.54		T.	T			.68		.01		.22	30			26		T	.28						25	01	§3.16
Matamoras[2]	Pike							.67	.07					.74				.22	25						.55				.16		41	08	4.18
Mount Pocono[2], 2 N	Monroe	03		01	.08		.60	.45	T	.02	T		.50	.20	T.	T	.15	.40	T	.53	.36			.83				02		25	25	T	4.71
Pleasant Mount[1, 5], 1 W	Wayne			.08	.01		.45	.11	03	01			.38	.13		.04	.20	.45		.21	.30			.50						.09	13		3.52
Stroudsburg, 2 E	Monroe				T	T		1.14						1.01		.01		.70			.50	01		.64	.36			.02	T.	01	.51		§4.91
Tanners Falls[1, 5], 1 SE	Wayne			.07	.01		.56	.28					.47	.14			.13	.33		.36	.70			.68						.12	.18		§4.09
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh	T		T	.16	T	.64	.18					.6	.45	T	T	.49	.29	T.	.35	.21			.42				.06		.30	.01		4.24
Allentown[2]	Lehigh	.03			T.	.30		.87	.05					1.25		T.	T.	.45	19		.64	.20		.02	.46				.03		.36	.02	4.87
Bethlehem[1, 5]	N'rthampton				.23		.46	.53					.40	.87			.24	.23		.23	.38			.64				.09		.17	.09		4.56
Blakeslee Corners[1, 5]	Monroe			.01	.09		.21	.42	.02				.42	.24			.07	.59		.26	.40			.78				.04		.18	.15		3.88
Gouldsboro[2]	Wayne				.10			.48						.59	T.	01	.03	.33	.35		.61	.22		T.	.51					.04		.23		3.50
Lansford[2]	Carbon	T.	T.		T.	.35		.89						.92				.51	.21		.59	.16		T.	.87					T.		.41		4.91
Mauch Chunk, 1 SW	Carbon				.21	.10		1.01						.85		T		.84			.90	.15		.52	.15			.03		.02	.41		5.52
New Tripoli	Lehigh				.26	.03		1.02					T.	1.03				.91			.88	T		.87	.03			T.		.18	.29		5.50
Palmerton[1, 5]	Carbon				.20		.41	.45					.44	.40		T.	.26	.44		*	1.28			.78				T		.25	T.		4.91
Zionsville, 1 SW	Lehigh				.17	.25		1.09					.02	1.50				.65	.02	.02	.77	.14		.45	.27			.13		.22	.26		5.96
SCHUYLKILL																																	
Conshohocken	Montgomery				1.75									.39				.19	.72	.01	1.20	.07						23					§§
Fredericksville[2], 1 S	Berks	.01				.44		.92	T.	T.				1.41		T.		.34	29	T.	.54	.27		.08	.56				.04	T.	.44		5.34
Gratersford[2]	Montgomery	12			.01	.48		.46	23					1.61		T.		.39	.35	.14	.29	.32		.12	.56				.48		.39		5.95
Phoenixville[2], 1.5 SE	Chester	.02				.68		*	.99	T.				1.41		T.		.08	.16	.05	.60	.31		*	.53				.34		.57	T.	5.74
Port Clinton[2]	Schuylkill	.10			T.	.50		.98	T.					1.16				.65	.30		.30	.40		.18	.88						.38		5.83
Pottstown[2], 0.5 S	Montgomery	.05				.62		1.05	.07					1.40				.10	.20	.09	.55	.25		.13	.45				.16		.45	02	5.59
Pottsville[2]	Schuylkill	T.			T.	.45		.75						.98				.54	.20		.62	.28		.02	1.03				.02		.41		5.30
Reading[1, 5]	Berks				.58	.05	.70	.29			T.		.64	.66			.39	.36	T.	.46	.24			.68				.12		.28	.02		5.47
Wernersville[6]	Berks				.44	.28	T.	.93			T.		.04	1.13		T.	.01	.86	.01	.13	.78	.02		.91	.02			.03		.36	.07	T.	6.02
LOWER DELAWARE																																	
Coatesville[6]	Chester				.50	.18	.03	.95					.06	1.40			.05	.31	.06	.25	.67			.73				.16		.26	.15		5.76
Doylestown	Bucks				.26	.03		1.05						1.34				.25	.01		.61	.01		.42	.12			.30		.04	.30		4.74
George School[6]	Bucks				.26		.03	.76					.03	2.02			.02	.09	.07	.31	.64	.04		.74				.10		.52	.41		6.01
Marcus Hook[2]	Delaware	.07				.75		1.42	T.	T.				1.57				.02	.19	.07	.57	.25		.14	.68				.12	T.	.65	.03	6.53
Philadelphia Airport Station[1, 5]	Philadelphia				.32	.09	.34	.83			T.		.39	1.30	T.	T.	.07	.21	.03	.31	.17			.69				.11		.59	.01	T.	5.46
City Office[1, 5]	Philadelphia				.67	.24	.32	.80					.31	1.07			.02	.14	.02	.60	.39			.65				.10		.54	.01		5.91
Shawmont	Philadelphia				.23	.33	T.	1.70					T.	1.75			T.	.18	.11	T.	.75	.20		*	.60			.27		.04	.57		6.73
Quakertown, 0.5 E	Bucks				.22	.05		1.04						1.53				.46	T.		.95	.04		.48	.15			.15		.08	.35		5.50
West Chester	Chester				.39	.25		1.09						1.58				.36	.05	.33	.48	.03		.60	.06			.07		.14	.34		5.77
West Grove[2], 1.5 SE	Chester	.05				1.10		.98	.03					1.60			T	.23			.08	.57		.24	.48					.02	.40		5.78
Susquehanna Basin CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.08	.31	.44		.36	.02	.10		.04			.12			02	.14	.13		.24	.16												§§
Centerville[2]	Bradford				.19			.38						.15			.09	.52			.41	.10			.35								2.19
Covington[2]	Tioga	T			.19			.42		T.				.35		.04		.02			.42	.20		.09	.32						.09		2.14
Lawrenceville	Tioga				.08		T.			.55			.10	.10		.12	.14	.32	T.		.52			.30						T.		T.	2.23
NORTH BRANCH																																	
Canton[2], 1 NW	Bradford	.02			.15			.45						.25		.03		.43			.40	.25		.02	.50				T.		10		2.60
Danville[2]	Montour	.05				.29		.60						.80		.04		.38	.10		.62	.20		.06	.85				.03		.15		4.17
Freeland[2]	Luzerne		T.	T	T.	.30		.70	T.	T.	T.	T		.65		T.	T.	.26	.23	.38	.63	.42		*	.58				*		.46		§4.61
Millville[1, 5]	Columbia			.05	.05		.56	.13					.83				.28	.42		.09	.12			1.05				.02		.07	.04		3.71
Monroeton[2], 2 S	Bradford	.01	1		.11	T.		.79	T.	T.		T		.26		.01	T.	.41		T	.37	.33		T.	.82						.06	T	3.17
Montrose[2], 3 E	Susquehanna	T.	.01		.11			.47	.01	.06				.34		T.	.14	.51	.10		.58	.34		T.	.58						.01	T.	3.26
Orwell[2], 3 N	Bradford	T.			11			.40		T.	T.			.24		T	.05	.08		T.	.42	.20		.01	.56						.05		2.12
Park Place[3], 1 NW	Schuylkill	.01		T	.27	.07	.41	.16			T		.73	.06	T.		.14	.46		.28	.28			.73				T.		.29	.10		3.99
Pikes Creek[1, 5]	Luzerne			02	.01		.40	.25					.74	.11			.18	.49		.25	.33			1.20						.13	.06		4.17
Rush[2], 6 S	Susquehanna	T.	T.	02	.09			.51	.02		.01			.44		.14	.10	.30			.58	.33		.04	.30				T.	T.	.07		2.95
Scranton[1, 5]	Lackawanna	T.		.04	.01		.19	.19	T.	T	T.		.52	.20		.03	.09	.42	T.	.26	.28			.36			T.	T.	T.	.07	T.	.01	2.67
Susquehanna[2]	Susquehanna				.13			.20	T.	.01				.55		T.	.31	.42	.22	T.	.50	.43			.68					T.	.05	.02	3.52
Towanda[6], 1 E	Bradford	T.		T.	.07			.30		T.	T		T.	.09		.01	.14	.13	T.		.74	02	*	.47	T			T.	T.	.07	.01	T.	2.05
Tunkhannock[1, 5]	Wyoming			02			.54	.09					*	.55	*	.04	*	.28	*	*	.60	*	*	*	.90						.18	.02		3.22
Wilkes-Barre[3]	Luzerne	T.		.05	T.		.76	.02		T.			.70	.04	T.	T.	.08	.37	T.	.28	.17			.48			T.	.05		.06	.01	.02	3.09
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga				.17	.02		.40	T.	.01				.46		T.	.01	.51			.26	.07		.06	.33						.07	T.	2.37
Bald Eagle[1, 5]	Blair				.53	.08	1.08	.04					.92	.02			.31	.14		.52	.28			.71				.22		.17	.01		5.03
Carrolltown[2]	Cambria	.19	T.		T.	1.65	.02	.95	.02	.09	02			.70			.03	.99	T.	.03	.68	.12		.11	.52					.38	.02	.14	.01	6.67
Carter Camp[1, 5]	Potter			20	.09		57	.08					.65	.03			.40	.43		.27	.29			.54				.11		.07	.10	.04	3.87
Cedar Run[2]	Lycoming	.12			.19	.14		.67						.62		.10	.04	.33			.39	.28		.04	.55					.05		.18		3.70
Clearfield[2]	Clearfield	.08			.11	.59		.92	T.	T.	T.			.61				.56			.39	.14		.05	.62						.30	.03	4.66
Curwensville[3] 6 NW	Clearfield	.01		T.	.80	.02	.52	.07	.07	.05	T.		.54	T.	T.	T.	.60	.16	T.	.22	.38	T.		.54			T.	.26		.38	.10	.03	4.75
Driftwood[1, 5]	Cameron		12	.42		.40	.02						.40				.29	.20		.21	.24			.38				.10		.22	.05	.03	3.08
Dushore[1, 5]	Sullivan	*	*	*	*	.79	.17						.53			.03	.11	.29		.28	.36			.72						.06		02	3.36
Emporium[2], 1 E	Cameron	.10		.23	.28	.01	.64	T.	.02	T.				.28		T.	.05	.54	.02		.32	.05		.06	.40				.19		.14	.02	§3.35
English Center[1, 5]	Lycoming		10	.17		.71							.48			.16	.26		.25		.25		.60						.18	.01		3.17
Galeton	Potter	T.		.22		.08	.29	.05	.01				.27	.28	.02	T.	.15	.53	T.		.51	T.		.45				.03		.10	.03	.05	3.02
Karthaus[2]	Clearfield	.08	T.	T.	.63		.68							.51			.03	.43			.36	.12		.03	.55				.21		.18	T.	3.81
Lock Haven[2]	Clinton	.08		T.	.48		.79							.66			T.	.80	.02		.30	.24		.08	.62				.09		.10		4.26
Medix Run[1, 5]	Elk		04	.48		.33	.18						.43		.02	.33	.33		.21	.14			.48	.01			.21		.13	.02	.02	3.36
Philipsburg[3], 7 E	Centre	.03	.01	1.12	.26	1.18	.02	.02	.21	T.		1.12	T.	T.	T.	.47	.28	T	.41	.28	T.			.42				.17		.21	T.	T.	6.21
Renovo[2]	Clinton	.09		10	.38		.39	T.		T.			.45			.09	.28	T.		.28	.10		.03	.47				.09		.21	T		2.96
State College[1, 5]	Centre	T.	T.	.55	.19	.72	.01	.01	T.	T.		.63	T.	T.	T.	.55	.37	T.	.48	.20				.49				.11		.09	T.		4.40

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Tamarack[2], 2 S	Clinton	.10	T.		.13	.42		.50	.04	.01	T.	T.		.30		T.	.02	.25	T.	T.	.35	.23		T.	.41				.10		.18	T.	3.04
Wellsboro[2]	Tioga	T.			.13			.50		.01				.30		T.	.01	.39			.31	.11			.39						.10		2.25
Williamsport[2]	Lycoming	.06			.06	.24		1.01	.03					.55			.02	.55	.05		.36	.16		.03	.73				.05		.22		4.12
Williamsport[2], 4 SE	Lycoming	.07			.03	.25		.82	T.	T.				.49		T.		.56	.03		.37	.25		.02	.73				.06		.26		3.94
JUNIATA																																	
Altoona, 4.5 W	Blair	T.			.40	.43	.14	.56	*	.02			.32	.75			.09	.65		T.	.64				.78				.30		.05		.15	5.28
Breezewood[1], 0.5 E	Bedford				.80	.14	.43		T.				1.03	.02			.04	.04	T	.49	.15				.42				.02		.24	T.	3.82
Buffalo Mills[2]	Bedford					1.17		.62						.80				.11			.80				.29	.28				.03		.25		4.58
Burnt Cabins[1], 2 NE	Fulton	.23			.59	.15	.35	.17	T.				.81	.15			.01	.20		.48	.31				.61			.11			.38	.01	$4 33
East Waterford[2], 3 E	Juniata	.17	T.		T.	1.14	T.	.57	T.	.01	T	T.		1.01				.89		T.		.35	.06	T.	.85	.13	T.	.07	.53		.14	T	.38	T.	5.29
Everett[2], 0.5 SW	Bedford	.21				1.02	T.	.53	T.					.96			.03	.11	.02	T.	.82	.04		.23	.36				.19	T.	.18	T.	4.79
Huntingdon[2]	Huntingdon	.10			.04	.63		.63	T.	.01	T.			.75				.52	.11		.60	.09		.15	.47				.10		.13		4.54
Lewistown[2], 2 SW	Mifflin	.05			T.	1.08		.66		T.				.75				.46	.06		.69	.04		.03	.47				.10		.14	T.	3.91
Mapleton Depot[2]	Huntingdon	.18				1.05		.58		T.				.89	T.	T.		.55			1.06	T.		.02	.50							.20	6.24
Martinsburg[3]	Blair	T.			.70	.05	.64	.02	T.	T.	T.		.77	T.			.25	.11	T.	.28	.16			.02				.16		.15	*	*	.09	4.62
McConnellstown[2], 4NW	Huntingdon	.20			T.	1.80		.70	.02	.04	T.			1.00				.55							.61				.14	*	*		6.24
Neffs Mills[1, 5], 3.5 NE	Huntingdon				*	.65	.78	.04					.90	.02			.21	.31		.57	.15				.76				.06		.27	.13	T	5.18
New Bloomfield	Perry				.45	.62	T.	*					.64	.93				.27		.09	.85	.04			.79	.04					.05	.33	T.	6.05
Newport[2]	Perry				T.	.98		.56						.98		T.		.20	.07		.90	.19			.05	.70				.05				
Saxton[2], 1 W	Bedford	.04																															4.33
Shade Gap[1, 5], 0.5 SW	Huntingdon				.66	.15	.48	.01					1.02				.09	.25		.50	.19				.61				.13		.23	.01		
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	.03				.68		.60		T				1.25				.49	.10		.88	.20		.31	.86					.02	.02	.80		6.24
Bloserville, 1.5 N	Cumberland				.36	.50		.72		T.			.14	1.02				.21	T.	14	1.05	.04		.92	.08			.06			.32	.07	T.	5.63
Carlisle	Cumberland				.65	.31	T.	.53					*	1.16			T.	.25	T.	.08	1.01	T.		.69	.10			.11			.45	.14	T.	5.48
Columbia	Lancaster				.43	.25		.75					T.	1.35				.72	.13	T.	.81	.07		.50				.17			.08	.37		5.63
Dauphin[2], 3 N	Dauphin	.07			T.	1.01		.33	.01					1.02				.25	.15		.83	.28		.02	.82					T		.43	T.	5.22
Ephrata	Lancaster				.43	.21	T.	.85					.04	1.20			.03	.61	.06	.18	.58	.01		.84	T.			.03			.27	.03		5.37
Glen Rock[1, 5]	York				.81	.02	.69	.02					1.30	.15			.12	.37	.21	.65	.23	.01		.75							.56	.01		$5. 90
Gordon	Schuylkill				.50		T.	.52					.05	.85				.67			.90			.86	.12			.03			.18	.12	T.	4.80
Grantville, 4 NW	Dauphin				.38	.31	.02	.59					.08	.95				.47	T	.17	.87	.02		.97	.07			.01			.42	.11	T.	5.44
Hanover[2]	York	.03				.81		.75	T.	T.				1.42		T		.49	.26	.14	.70	.23		.19	.76			.02		T.	.03	.42		6.23
Harrisburg Apt[1, 5], 3.5 S	Dauphin				.57	.10	.45	.05	T.	T.			.93	.33	T	T.	.18	.43	.03	.57	.47			.81						.15	.51	.02	T.	5.47
Holtwood[2]	Lancaster	.03				.58		.66						1.25		T.		.12	.14	.08	.66	.14		.14	.29				.06	T.	.33	.01	4.49
Huntsdale[2]	Cumberland	T.			T.	.74		.55						1.25				.29	.06		.72	.22		.07	.76				.09		.63		5.38
Kirkwood[1, 5], 1 SW	Lancaster				.26	.19	.68	.14					.52	.80				.10	.40	.31	.30			.70				.10			16			4.66
Lancaster	Lancaster				.36	.29	T	.75					.02	1.26		T.		.65	.06	.06	.67	.07	T	.41	.19			.07			.33	07	T	5.26
Lebanon[2]	Lebanon	T.			T.	.90		.82						1.28				.79	.22	.03	.65	.28		.10	.86					T.		42	T	6.35
Middletown[1], 1.5 W	Dauphin	T.			.51	.03	.86	.06		T.			.23	1.20	T.		.41	.48	.06	.35	.68			.95				.01			.46	.06	T.	$6. 35
Millersburg[1, 5], 2 E	Dauphin				.37	.08	.59	.01					.71	.06			.04	.25		.28	.38			.82				.02			.24	.04		$$
Milroy[2, 5] N	Mifflin	.05			.03	.70		.64		T.				1.05	.04		T.	.94	T.	T.	*	.70		.38	.49				.18	T.	.19		$5. 39
Newburg[1], 3.5 NW	Cumberland	T.			.45	.30		.80					.94	.24			T.	.19	T.	.35	.46			.73				.09			.40	T.	T.	4. 53
New Park	York				.34	.31	.46	.02	T.	T			.10	1.65			*	.15	.28	.20	.40	.03		1.23	.17			.02			.28	.20		6 13
Pine Grove[2], 1.5 NE	Schuylkill	.02			.02	.43		.81		T.				1.33		T.		.53	.57		.32	.36		.10	1.11					T.		.40		6. 27
Ringtown[2], 1.5 SW	Schuylkill	.01	T.		.02	.50		*	.42					.70		T.	T.	.21	.40			.04		.37	.50			.05			.11	.12	T.	4. 21
Selinsgrove	Snyder				.51	.21	.09	.55					.11	.86		.01	.21	.31		.04	.70	.04		.97	.11			.10			.42	.04	T	$5. 00
Shippensburg	Cumberland				.30	.35	T.	.54					.21	.91				.50	.01	.18	.64	.04		.84	T.				.07		.28		5. 08
Sunbury[2]	N'umberland	.06			.06	.50		.66		T.				1.05		T.		.43	.07		.81	.25		.03	1.15					*		.44		5. 42
Williamstown[2]	Dauphin				*	.55		.57	T.					.88		T.		.44	.11		*	*		T.	1.60								$4. 59
Woodward[3, 2 NE	Centre	T.		T.	.79	.11	.56	.01	T.	T.	T.		.79	T.	T.		.44	.32	T.	.50	.25	T.		.55				.18		.16	T.	T.	4. 66
York, 3 SW	York				.30	.34		.74					.06	1.22				.83	.12	.18	.29	.06		.59	.10			.02			.44	.14		5. 43
York Haven[2]	York	.01			*	.53		.68						1.30				.48	.24		.83	.24		.11	.81					T.		.51		5. 74
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin	.09				.67		.61						1.31				.26	.08	T.	.73	.06		.25	.82						.13	T	.50		5. 51
Gettysburg	Adams				.32	.41		.63						.95				.24	.04	.14	.62	.03		.86	T.			.02			.51	.20		4. 97
Hewitt[1, 5], 2 SW	Bedford				.87	.04	.64	.61					1.16	.02				.05		.63	.27	.02		.76	.01			.07			.37	.02		4. 94
Hyndman[2]	Bedford	.14				1.10		.66	T.					.95				.11		T.	.88	T.		.38	.24					T	T.	.38		5. 01
McConnellsburg[2]	Fulton	T.				.60	T.	.67						1.04				.15	.10		.67	.08		.30	.56					T	T.	.38		4. 55
Mercersburg[2]	Franklin	.50				.74		*						1.85				*	*		*	1.19		*	.92					*	*	.70		5. 90
South Mt. San't'm[2]	Franklin	.16				.83	.01	.59						1.26				.70	.30	.08	.86	.25		.19	1.06				.07	.05	.63		7. 04
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.14	T.		.05	1.14	T.	.83	T.	.04				.84		.02	.03	.61	.03		.39	.13		.06	.73		.02		.42		.41	.03	5. 92
Allens Mills[1, 5]	Jefferson				.38	.10	.50	.21					.57	.02			.27	.71		.16	.13			.64							.28	.04		4. 42
Blairsville[2], 6 NE	Indiana	.09	T.		.02	.81		.59	T.	.04	T.	.01		.67			.01	.83	T.	.01	.58	.10	T.	.22	.50		T.	.13	T.	T.	.18	.05	4. 84
Boswell[2], 6 NW	Somerset	.26	.06			1.39		.72	.12	.07	.02	T.		.82			.04	1.58	.02	.18	.76	.12		.14	.63				.30		.25	.02	7 45
Bradford, 4 W	McKean	T.		T.	.28	T.	.05	.22	.07	.03	T.		.08	.24		.10	.28	.54	T.	T.	.16			.44			T.	.15			.06	T.	.05	2. 75
Brookville[3]	Jefferson	.01		.02	.49	T.	.53	.02	.02	.01	T.		.64		T.	.02	.75	.15	T	.09	.10			.52			T.	.49			.27	T.	.02	4. 13
Buckstown[1, 5]	Somerset				.66	.08	.30	.22					.61				.29	.28	.06	.64	.05			.67				.14			.15			4. 15
Clarion[2], 3 SW	Clarion	.08			.14	.35		.72	.02	T.	T.			.56		.01	.03	.70	.03		.25	.17		.07	.54	.01			.01	.65	T.	.30	.07	4. 71
Coudersport	Potter																																
Derry[6]	W'moreland	.05			.72	1.06	.33	.18	.04	T.				.35	.29			.45	.66	.09	.22	1.02			.60	.06			.29		.15	T.	.05	$6. 70
Donegal[1]	W'moreland	.08			.86	.10	.53	.10	.05	T.				.59	.04			.57	.84	T.	.43	.25			.90				.82		.10	T.	T.	5 76
Donlo[1, 5], 0.5 SW	Cambria				.60	.12	.10	.43	.06					.73				.61	.47	.05	.60	.10			.65				.22		.13		.08	4.90
Ebensburg[2]	Cambria	.08	T		T.	1.27	T.	1.09	.02	.02	.02				.80			.01	.67	T.		.78	.01		.23	.48					.28	T.	T.	T.	5. 76
Ford City[2], 4 S	Armstrong	.05	T.		.12	.35		.74	.05	T					.75			.06	.75	.02		.09	.05		.18	.62		T.	.11		.43	T.	.37	.07	4. 81
Franklin[2]	Venango				.08	.43		.42	.05	.02	T				.35		T.	T.	.37	.03		.37	.02		T.	.58		T		.05	.27		.18	.02	3. 29
Glen Hazel[2], 1 NE	Elk	.01	T.		.28	.24		.61	.01	.06	T.	T.		.61				.12	.87	.02	T.	.24	.13	T	.06	.43			.05			.37		.15	.05	4. 21
Home[1, 5]	Indiana			.02	.54	.14	.46	.16		.03			.64					.26	.34		.22	.09			.74	.05			.27		.27	.03	.03	4. 41
Indiana	Indiana	T.			.30	.35	.19	.45	T.				.47	.34				.11	.53	T.	.06	.55	T.		.78	.05			.40		.13	.12	T.	$4. 86
Johnstown[6], 0.5 W	Cambria	.06			.84	1.87	.58	.18	.12	.04	.08		.28	.41				.12	.88	.11	.33	.91			.88				.39		.21	.11	.04	8. 44
Kane[1], 1 N	McKean	.01		.29	.30		.45	.06	.06	.05	T.		.28	T.	T.	T.		.40	.13	T.	.23	.34			.13			T.	.16		.25	.09	.05	3. 28
Kregar[1], 3.5 SE	W'moreland	.06		T.	.55	.13	.47	T.	.11	T.			1.95	T				.82	.88	.19	.90	.15		1.00				.25		.30	.03	.02	7. 81
Lycippus, 1.5 E	W'moreland	.03			.85	.40	.38	.70	.03	.11	T	*	.17				.10	1.20	.13	.05	.23	.11		1.55						.32	.11	.08	6. 66
Marienville[1, 5]	Forest			.11	.38		.42	.19					.52					.67	.22		.17	.21			.58						.31	.03	4. 24
Meadville[2], 1 S	Crawford	T.	T.		.18	.30		.65	.01	.08	.02			.28		T.	.11	.42	.08		.26	.16			.03	.69					.56	T.	.38	.01	3. 59
Mosgrove[2]	Armstrong	.17	T.		.11	.51	T.	.68	.05	.11	.02			.61				.01	.83	.02	T.	.27	.25		.07	.49					.71		.29		5. 21
Parkers Landing[2]	Armstrong	.10				.57		.76	.04		.03			.58					.78			.23			.67		T.	T.	.40			.31	T.	T.	4. 94
Pittsburgh Cty Of[15]	Allegheny			T.	1.54	.08	.74	.10	.02	.01	T.		.64	.01	T.	T.	.31	.18	T.	.57	.23			.67		T.	T.				.31	T.	T.	5. 81
Port Allegany[2]	McKean	T.	T.		.16	.07		.34	.01	.05	.01	T.		.22			.03	.79	T.	T.	.63	.15		.01	.37		T.				.11		.11	T.	3. 06

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Punxsutawney[2]	Jefferson	.09			.12	.70		.57	.02	.02	.03			.53			.01	.83	.01		.25	.10		.06	.65				.35		.21	.01	4.56
Putneyville[2], 2.5 SE	Armstrong	.09			.11	.47		.82	.04	.02	.03			.60				.97			.28	.12		.11	.54				.33		.43		5.16
Ridgway[2]	Elk	.13	T		.04	.39		.50	T.	.03	T			.32				.77	.02		.33	.10		.03	.40				.28		.26	T.	3.63
Saltsburg[2]	Indiana	.19	T.		.04	1.85		.76	T.	.05	.02	T.		.59		T	.01	.78	T.	T.	.66	.22	T.	.15	.39			.11	.23	T	.20	.01	6.26
Seward[2]	Indiana	.16				1.54		.56		.03				.67				.78	.06		1.19	.02		.04	.62				.32	.02	.12	.02	6.15
Shelfield[1, 5], 6 W	Warren			.19	.26		.29	.28					.41			.02	.55	.03		.20	.23			.61			.07	.34		.22	.04	.05	3.79
Smethport[1, 5], 1 SW	McKean		.05	.12	.04		.30	.11	.02				.38	.02		.02	.42	.17		.21	.30			.41				.16		.13	.03	.02	2.90
Strongstown[1, 5]	Indiana	.03			.01	.23	.55	.27	.03	.02			.79	.01			.75	.50		.41	.16	.05		.77				.38		.09	.03		6.18
Tionesta[2], 1.5 SE	Forest	T.			.20	.33		.68	.01	.01	T.			.43		T.	.03	.46	.02		.38	.02		.12	.43		.00	.03	.11		.21		3.82
Titusville, 2 S	Crawford				.42	.02	.12	.36		.12			.18	.26			.25	.28			.35			.60			T	.36		.15	.14	.08	3.68
Union City[1, 5]	Erie			.09	.09		.21	.07				.02	.20			.13	.41			.06	.05			.24				.44		.24	.02		4.72
Vandergrift [1]	W'moreland	*			*	1.05	.56		.01				.65				.38	.18		.31	.22			.66				.12		.18			1.87
Warren[2]	Warren	.30	T.		.27	.27		.36	.20	.12	T.			.31		T.	.10	.42	.40	T	.40	.20		T.	.55				.17		.70	.20	4.97
Youngsville[1, 5]	Warren			.27	.18		.31	.06	.03	.03			.28			.11	.37	.02		.20	.13			.53				16		.20	.09	.03	3.00
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.17	T.			1.33	T.	.82	.04	.01	T.	T.		.81			T.	.88	.15	.16	.79	.11	T	.33	.65				.17	.01	.25	T.	6.68
Connellsville[2]	Fayette	.15			T.	.97	.14	.35		T.				.80				1.17	.02	.18	.70	.07		.18	.54				.25		.06		5.58
Donora[1]	Washington	T.			1.61	T.	.65	.01	.02	T			.53				.12	.29	.07	1.19	.14			.54				.30		.28	.02	T.	5.77
Greensboro[2]	Greene	.26	T.		T.	1.02	T.	.47	T.	.01	T.			.69			T.	.96	.10	.28	.61	.10	T.	.16	.39		.01		.24	.01	.10	.01	5.45
Greensburg, 2 S	W'moreland	T.			.58	.80	.45	.29	.01				.27	.39	T.		.07	.50	.13	.13	.66	.01		.68				.46		.16	.07	T.	5.66
Irwin	W'moreland				.60	1.18	.32	.40	T.	T.	T.		.20	.48	T.		.21	.60	.10	.02	1.10	.01		.55	.02			.41		.24	.03	.03	6.50
Meyersdale[2]	Somerset	.25	T.			1.31	T.	.58	.08	.04	T.		.72					.32	T.	.12	.77	.01		.30	T.					.03	.10		4.96
Murrysville [1, 5]	W'moreland	.12			.52	.05	.64	.02						.62			.45	.17		.75	.35			.62				.35		.33			4.99
Newell[7]	Fayette	.30			*	*		*	*	*					2.50		.20	.30	.20		.30	.10		*	.40			.20		.20			§§
Pittsburgh Arpt [1, 5]	Allegheny	.01		T.	.38	.18	.63	.08	.03	T.	T.		.69	T.	T.	T.	.45	.25	.03	.47	.27	T.		.51			T.	.30		.32	T.	T.	5.50
Rices Landing[2]	Greene	.20				1.22		.47	T.	.02				.57				.55	.08	.29	.55	.12		.14	.45				.23	.01	.16	.02	5.08
Somerset	Somerset	.05			.71	.41	.14	.57	.08	.02	T.		.31	.50			.02	.72	.07	.26	.58	T.		.70	T			.25		.19	.01	T.	5.59
Springs[6], 1 SW	Somerset	.07	T.		.70	.37	.29	.43	.11	.03	.01		.30	.48			.07	.49	.15	.53	.35	T		.78	.07			.20		.20	.08	T.	5.71
Uniontown	Fayette				.57	.61	.12	.26	.02	.02			.30	.39			.30	.98	.31	.22	.35	.03		.67				.28		.06	.04	T.	5.53
Waynesburg	Greene				.54	.94	.29	.15	.02				.14				.34	.49	.25	.35	.46	.13		.51				.18		.09	.03	T.	4.91
BEAVER																																	
Beaver Falls[2]	Beaver	.08	T.		.05	.91	T.	.75	.01	T.	T.			.39		T.	T.	.50	.02		.29	.01		T.	.30			T.	.34	T	T.	.04	3.69
Butler	Butler				.33	.41	T.	.86		T.			.50	.16			.08	.68	.02		.35	.06		.36	.16		T.	.60		.06	.18	.01	4.82
Greenville	Mercer	T.			.32	T.	.28	.48	T.	.02	T.		.29	.03		.01	.30	.08	.03	.03	.28			.57	.04		.04	.32		.17	.13	.03	3.40
Jamestown[2], 2 NW	Mercer	T.			.18	.34		.65	T.	.03	T.		.27			T.	.07	.27	.06		.13			.09	.41		.13	.11	.10	T.	.26	.03	3.18
Mercer Arpt.[3], 2.5 NE	Mercer	T.		T	.33	T.	.59	T.	T.	T.	.01		.35		T	.02	.51	.03	T.	.06	.09			.62		.01	T.	.28		.21	.06	.02	3.19
New Castle, 1.5 N	Lawrence	.02	T	.05	.38	.15	.03	.59	.08	.01	T		.18	.07		.03	*	.40	.02	T.	.30			.40				.37		.12			3.32
Pennline, [2], 1 S	Crawford	.02	T		.20	.12		.60	T.	.14	.02			.22		.01	.15	.46	.03		.13			.12	.40		.08	.06	.08		.28	T.	3.12
Sharon[2]	Mercer	T.			.19	.19		.59			T.			.31		T.	.07	.20	.01		.38	T		.18	.43		.05	.18	T.		.20	T	2.98
OHIO																																	
Claysville[2]	Washington	.06	T.			1.50		1.18		.01				.57			.01	.70		.12	.89	.14		.15	.38				.35	.03	.19	.01	6.29
Coraopolis[2], 1 E	Allegheny	.01			.10	.95		.70	.03	T.				.65			.07	.85	.04		.27	.11		.14	.25			.20	.12	.01	.21	T	4.71
Midland[2]	Beaver	.01			.08	1.04		.80	.03	T.				.57		.03	.10	.76	.02		.13	.15		.68	.27			T.	.43	.01	.08	.05	4.67
Mt. Lebanon[6]	Allegheny	T.			.90	.58	.60	.17	.04	T.			.51		T.		.15	.40	.04	.31	.45			.55				.35		.18	T	.05	5.31
Washington[1, 5]	Washington				1.37	.12	1.02	.05					.51				.44	.20	.10	.79	.17	.10		.40				.31		.14			5.72
LAKE DRAINAGE																																	
Erie[1, 5]	Erie	T.			.44	T.		.35	.07	.03	.05	T.		.13		.02	.71	.33	T.	T.	.06	.05		.37		.14	T	.12		.17	.11	.09	3.23
Raymond[1, 5]	Potter				.12	.07		.24	.03	.03				.23			.04	.26	.24		.09	.16		.33				.08		.09			2.01

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Boswell	formerly	Laurel Hill Summit
Dauphin	"	Peters Mountain Tower
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Williamsport 4 SE	"	Shaffers Path

Daily Temperatures for March 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Allentown Arpt.[3-4 NE..	Maximum..	33	33	42	35	38	40	42	37	30	31	39	46	49	52	54	52	54	50	27	27	40	42	48	53	66	56	44	46	37	45	47	43.1
	Minimum..	19	15	24	17	16	14	31	24	20	16	14	27	30	27	33	35	39	20	16	19	24	18	31	30	29	37	36	34	33	32	30	25.5
Allentown /.	Maximum..	34	34	43	30	39	42	44	39	29	32	45	45	50	52	55	54	56	51	41	30	43	42	50	54	66	58	46	48	40	45	46	44.6
	Minimum..	26	17	17	27	14	15	18	29	20	17	16	17	26	29	29	34	37	40	17	17	20	20	23	34	30	30	39	37	36	34	32	25.7
Altoona-4.5 SW.	Maximum..	32	39	53	49	35	32	37	28	25	28	44	41	42	43	65	60	51	39	28	30	38	42	43	58	65	58	60	45	40	43	38	42.8
	Minimum..	16	10	20	21	15	12	22	18	10	5	11	21	33	21	33	46	34	31	10	14	23	15	32	31	30	34	40	30	29	26	23	23.1
Arendtsville[6].	Maximum..	38	43	54	42	40	34	40	37	28	35	46	38	52	53	65	69	56	49	37	27	45	44	43	58	68	64	52	50	39	53	44	46.5
	Minimum..	23	16	20	26	19	14	34	21	16	11	15	27	38	27	35	41	44	37	16	18	27	22	31	38	30	44	37	37	32	34	29	27.7
Bethlehem[1].	Maximum..	33	33	44	37	39	40	42	36	28	30	45	50	51	55	54	57	55	49	26	26	43	42	48	54	64	57	45	47	36	44	44	43.7
	Minimum..	20	16	23	19	15	28	34	24	20	18	17	28	32	28	35	37	41	22	18	19	26	25	32	37	33	43	40	36	34	34	34	28.0
Bradford-4 W.	Maximum..	22	33	45	40	34	37	36	33	21	24	50	50	41	39	48	51	53	33	26	31	39	42	42	51	65	65	50	45	41	41	32	40.6
	Minimum..	12	0	22	16	0	6	29	15	10	0	1	28	27	16	32	34	30	24	4	16	23	6	32	29	25	29	36	26	32	22	22	19.5
Brookville[3].	Maximum..	30	34	48	35	35	37	37	22	22	25	49	45	40	43	68	55	47	34	24	29	40	44	43	54	67	52	62	44	37	42	31	41.1
	Minimum..	8	7	27	21	13	14	20	14	10	6	11	32	24	23	36	47	34	12	9	19	18	15	35	29	25	31	34	29	33	24	22	22.0
Burnt Cabins[1-2 NE	Maximum..	34	38	56	42	43	34	44	32	26	34	47	39	44	50	66	67	58	48	30	28	45	46	42	57	68	61	59	49	40	54	44	46.0
	Minimum..	20	12	18	22	13	10	28	21	14	5	10	32	29	22	32	42	42	30	6	18	22	14	35	31	28	41	40	34	32	34	24	24.5
Butler.	Maximum..	29	31	46	50	35	38	42	35	23	24	43	45	58	40	70	74	58	39	35	28	35	42	48	50	64	71	71	62	46	42	43	45.7
	Minimum..	20	14	25	30	25	20	30	17	12	13	18	30	28	23	39	47	36	32	15	13	26	16	36	33	28	30	32	30	36	24	25	25.9
Carlisle.	Maximum..	40	38	55	52	35	34	44	39	34	36	48	44	50	50	65	63	59	55	38	30	42	46	42	54	68	65	58	54	45	55	50	48.0
	Minimum..	22	15	19	25	15	8	30	20	15	12	12	25	33	25	32	37	43	38	14	17	22	10	30	32	25	42	34	35	31	33	26	28.1
Chambersburg[6-1 SW..	Maximum..	39	42	53	43	41	38	46	38	29	36	49	35	51	55	66	69	57	52	35	16	18	24	16	32	37	29	43	38	35	33	35	30	27.4
	Minimum..	23	18	21	26	18	14	31	22	17	17	14	28	34	28	35	38	45	35	16	18	24	16	32	37	29	43	38	35	33	35	34	43.6
Clarion[6-3 SW.	Maximum..	29	36	49	41	37	37	38	32	23	27	51	48	43	43	70	57	54	37	27	30	44	45	44	56	70	59	62	48	43	39	34	43.6
	Minimum..	18	6	24	23	16	14	29	18	10	3	9	25	29	21	34	44	34	25	10	19	26	16	34	27	25	31	38	29	34	22	25	23.2
Claysville /.	Maximum..	30	40	55	39	31	51	38	24	26	33	58	49	44	53	76	62	42	35	28	30	40	49	47	55	70	61	61	46	48	43	39	45.3
	Minimum..	21	11	12	33	23	22	29	21	11	11	16	28	28	20	21	38	40	35	15	18	26	19	25	28	30	31	34	26	28	20	23	24.0
Coatesville[6].	Maximum..	35	36	49	42	35	43	43	44	30	33	49	49	51	51	61	71	60	56	40	28	43	48	50	53	67	61	50	57	42	50	49	47.6
	Minimum..	26	18	21	26	15	12	34	25	20	18	16	25	41	30	37	37	40	37	18	19	19	23	32	28	32	41	37	37	36	35	32	28.1
Columbia.	Maximum..	42	37	57	54	42	43	43	43	33	34	50	43	54	53	65	67	64	55	40	39	46	45	48	58	69	64	62	54	48	55	55	50 4
	Minimum..	25	18	20	27	12	10	33	25	19	16	17	27	37	28	37	38	49	39	18	22	25	19	34	33	30	43	41	38	33	35	29	28.3
Coudersport.	Maximum..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Curwensville[3-6 NW....	Maximum..	27	33	46	33	32	32	33	23	22	24	48	38	40	40	63	52	49	32	19	23	37	37	39	50	63	51	56	42	32	39	30	38.2
	Minimum..	8	5	26	14	12	17	17	10	7	4	11	31	22	21	32	46	32	5	5	13	21	19	31	27	35	28	31	25	28	19	17	20.1
Derry[6].	Maximum..	32	38	52	50	35	40	47	37	25	32	58	53	46	50	76	70	59	42	32	32	38	47	49	56	73	55	64	53	44	47	37	47.6
	Minimum..	19	12	20	29	22	16	31	20	13	19	18	40	30	23	39	54	38	31	16	21	27	20	39	33	33	34	49	32	35	27	27	28.0
Donegal[1].	Maximum..	27	36	54	49	34	40	44	26	24	28	55	46	42	49	74	67	53	39	20	32	37	44	47	52	70	56	63	47	40	46	35	44.4
	Minimum..	16	8	18	26	17	15	25	18	8	11	12	29	24	18	40	52	35	20	13	19	23	19	35	30	27	32	46	28	32	22	23	23.9
Donora[1].	Maximum..	34	40	57	50	34	52	53	28	26	35	61	53	47	51	79	69	60	44	30	33	42	52	50	58	73	58	66	50	47	47	39	49.0
	Minimum..	20	18	28	34	26	29	28	21	15	20	28	35	31	27	43	56	41	28	19	24	22	26	41	35	35	36	40	35	38	30	32	30.4
Eagles Mere /.	Maximum..	24	28	40	24	30	35	37	28	22	25	38	38	40	37	46	48	56	37	24	23	36	37	38	50	60	48	40	40	34	48	37	37.0
	Minimum..	15	6	5	20	4	4	12	18	10	6	6	16	29	20	18	29	35	31	5	5	13	15	17	28	30	33	30	27	26	26	20	18.0
East Waterford[6-3 E	Maximum..	29	32	51	45	31	26	36	30	21	26	41	36	41	39	58	53	46	30	7	12	20	24	29	32	37	36	33	29	27	28	25	40.5
	Minimum..	14	8	23	21	12	19	26	18	8	10	18	30	33	23	32	44	36	30	7	12	20	24	34	36	48	63	52	52	42	34	36	42	38.4
Ebensburg /.	Maximum..	27	32	47	42	32	35	35	16	18	24	50	40	36	42	67	58	43	32	18	23	34	34	36	48	63	52	52	42	34	36	42	38.4
	Minimum..	14	6	7	22	15	16	23	16	8	8	9	13	28	13	22	38	42	31	8	10	19	17	31	29	36	31	31	28	28	24	24	20.7
Emporium[6-1 E.	Maximum..	....	....	48	....	....	38	38	25	23	....	....	....	....	....	....	....	....	....	27	27	46	45	43	56	69	57	55	47	41	43	39	§
	Minimum..	....	....	....	....	....	6	12	21	12	0	0	14	26	20	23	36	40	34	8	10	20	12	12	31	23	25	29	30	29	28	27	20.3*
Ephrata.	Maximum..	39	39	54	46	42	41	43	41	31	35	47	45	54	55	64	66	59	54	40	29	47	46	49	57	68	65	54	51	45	54	48	48.6
	Minimum..	26	19	22	25	15	9	34	23	19	17	17	27	40	28	38	37	46	39	18	19	26	18	34	35	31	41	40	37	34	35	31	28.4
Erie[1].	Maximum..	28	36	45	27	27	43	36	24	24	28	56	53	34	33	36	56	40	35	30	33	36	50	48	53	69	39	55	38	44	39	34	39.6
	Minimum..	16	15	27	15	11	21	22	18	17	17	23	33	27	25	31	31	33	14	11	23	25	25	35	35	33	30	34	30	31	27	27	24.7
Everett[1-0.5 SW.	Maximum..	32	38	56	45	36	34	42	34	26	30	47	40	44	49	73	66	57	44	26	29	42	43	46	55	69	59	69	48	40	54	43	45.7
	Minimum..	20	19	13	24	12	11	24	19	12	6	9	24	29	24	32	46	42	25	16	17	23	14	23	29	25	36	34	33	32	33	26	23.6
Ford City[6-4 S.	Maximum..	32	34	52	48	36	40	44	33	25	30	55	48	44	50	73	67	58	40	32	29	42	48	47	55	67	62	65	45	50	46	37	46.3
	Minimum..	17	9	18	24	18	15	28	17	10	14	10	23	27	20	35	46	35	31	10	17	24	14	34	29	25	31	39	29	34	23	24	23.5
Franklin /.	Maximum..	28	37	50	35	39	41	36	26	27	29	52	48	39	44	70	56	41	34	28	39	37	32	10	10	23	19	19	33	30	30	32	30	30	25	25	23.6
	Minimum..	21	12	14	32	18	19	26	19	13	13	15	26	29	24	28	39	37	32	10	10	23	19	19	33	30	30	32	30	30	25	25	23.6
Fredericksville-1 S..	Maximum..	34	33	47	30	37	39	42	38	30	30	45	48	48	50	57	63	60	50	40	25	42	42	48	52	66	60	53	47	43	48	46	44.9
	Minimum..	23	14	15	22	12	7	31	18	16	9	10	22	38	25	34	33	40	38	14	12	24	17	30	31	27	43	36	34	30	33	28	24.7
Freeland..	Maximum..	26	29	40	38	33	32	38	34	33	23	38	39	41	41	45	45	52	40	33	24	36	36	43	46	60	58	47	40	40	46	45	39.4
	Minimum..	15	7	12	22	8	8	28	9	20	10	15	27	32	19	29	31	32	32	7	11	20	16	26	31	36	32	32	29	28	24	24	21.7
George School[6].	Maximum..	37	35	48	38	40	41	49	42	31	33	45	55	57	55	60	64	59	58	39	29	46	46	53	56	66	61	47	48	42	44	48	47.5
	Minimum..	23	18	20	20	12	10	35	28	22	17	16	28	36	29	36	38	40	37	19	21	26	24	31	36	39	41	38	36	34	35	29	27.9
Gettysburg.	Maximum..	37	39	54	51	34	35	44	42	30	33	48	48	51	51	66	67	64	55	39	26	42	44	47	57	68	69	61	56	46	58	53	48.9
	Minimum..	24	18	23	28	22	10	32	23	18	17	17	28	36	29	37	40	51	39	18	19	26	19	33	37	31	41	39	38	33	37	31	28.8
Gordon.	Maximum..	32	32	49	30	37	38	39	37	26	29	42	39	46	45	55	57	54	44	27	27	39	42	46	52	64	62	53	45	41	52	46	42.8
	Minimum..	21	14	17	26	14	4	32	18	15	6	9	26	34	24	33	37	41	37	13	17	24	7	32	31	27	39	35	30	30	33	23	24.2
Greensburg-2 S.	Maximum..	31	39	54	50	34	42	48	37	26	32	59	56	46	52	75	70	61	42	33	30	39	48	49	55	71	66	63	59	47	41	38	48.2
	Minimum..	21	8	15	33	22	14	31	20	13	17	13	23	30	19	36	49	39	31	16	20	27	12	38	30	23	35	38	33	37	21	20	25.3
Hanover /.	Maximum..	39	38	55	38	36	37	44	37	30	34	49	43	52	53	67	72	60	56	39	29	40	45	44	57	69	66	54	49	38	52	49	47.5
	Minimum..	24	19	19	26	17	16	19	25	18	16	17	22	29	33	30	38	40	43	19	19	22	22	25	36	37	42	42	37	34	34	32	27.4
Harrisburg Arpt. [1-3.5 S.	Maximum..	38	36	55	41	33	36	45	35	30	32	49	40	51	47	67	60	57	52	28	29	40	40	42	57	69	59	52	51	40	53	45	45.5
	Minimum..	25	20	25	19	15	12	32	24	19	17	19	31	37	31	38	40	45	26	17	19	26	19	34	37	33	44	42	39	34	37	31	28.6
Hawley-0.5 E.	Maximum..	29	28	36	34	35	41	42	38	28	30	11	50	45	43	40	43	51	44	29	27	40	42	46	50	63	57	41	15	39	37	43	40.5
	Minimum..	18	7	10	23	10	5	29	21	18	10	5	18	33	20	30	32	37	28	10	15	22	3	25	31	21	36	29	30	27	31	25	21.3
Holtwood[1].	Maximum..	38	35	55	38	35	38	43	37	30	34	46	41	48	46	46	58	59	55	32	29	39	46	50	54	64	59	54	50	42	48	46	45.0
	Minimum..	28	23	26	23	19	20	32	28	22	19	21	12	38	32	32	41	42	32	21	22	28	28	36	37	35	45	43	39	36	38	34	30.1
Huntingdon[6].	Maximum	37	40	56	52	42	35	42	42	28	32	52	43	47	47	71	64	57	43	34	27	44	45	41	56	70	65	61	53	45	52	48	47.5
	Minimum..	22	13	19	27	18	6	32	23	15	4	6	25	35	21	34	44	43	33	14	18	26	16	30	30	24	32	31	34	33	33	30	24.9
Indiana.	Maximum..	29	35	52	49	37	37	42	35	24	28	54	52	44	46	72	72	62	39	34	29	37	45	46	54	70	70	63	61	47	45	36	46.6
	Minimum..	18	13	24	27	18	21	30	19	12	13	17	26	30	26	40	50	37	31	13	18	25	22	36	30	34	32	46	31	34	32	23	26.7
Irwin.	Maximum..	29	37	53	54	37	37	40	38	25	34	53	53	48	50	77	76	60	42	33	31	39	49	48	56	70	67	63	62	48	44	38	48 1
	Minimum..	20	12	18	30	20	18	30	18	11	17	18	32	28	21	38	50	38	29	15	19	26	16	36	31	28	38	43	43	30	35	22	25	26.0
Jamestown /-2 NW.	Maximum..	37	36	47	30	35	40	35	28	26	28	54	48	34	43	66	56	44	31	28	35	42	48	46	58	65	50	57	47	42	36	35	42.2
	Minimum..	20	12	18	30	20	18	30	18	11	17	18	32	28	21	38	50	38	29	15	19	26	16	36	31	28	38	43	43	30	35	22	25	26.0
Johnstown[6-0.5 W.	Maximum..	30	39	54	49	39	34	37	32	25	30	54	44	40	47	74	63	56	38	30	27	38	43	45	54	69	74	62	55	41	47	36	45.4
	Minimum..	17	11	17	27	20	17	30	18	10	12	9	27	29	22	36	53	36	30	14	16	24	16	34	32	27	33	41	30	31	26	26	24.9
Kane[1-1 N.	Maximum..	22	35	45	33	36	37	36	24	22	26	42	48	39	40	62	53	53	32	24	30	40	44	42	53	65	49	54	42	35	42	32	39.9
	Minimum..	8	3	28	13	2	5	22	15	− 2	− 6	3	25	23	15	32	37	31	10	5	16	15	4	32	29	20	29	33	25	24	21	14	17.1

Continued on page 23.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Lancaster	Maximum	40	40	56	54	38	41	43	43	36	36	47	45	54	53	62	64	64	54	41	29	45	45	50	58	66	66	61	51	49	55	54	49.6
	Minimum	25	17	19	34	15	4	33	19	19	16	15	25	39	27	37	37	47	39	18	19	25	17	33	31	28	38	36	31	32	35	28	27.1
Lawrenceville	Maximum	37	30	40	37	35	40	41	36	27	27	50	52	40	40	47	49	53	37	25	28	43	40	41	54	64	62	47	50	40	57	46	42.3
	Minimum	18	10	20	18	2	4	19	23	10	6	9	20	30	23	30	35	37	25	10	17	23	8	34	35	26	33	30	31	28	32	22	21.4
Lebanon	Maximum	37	37	53	35	40	39	45	38	29	32	41	43	50	52	63	59	57	52	27	29	40	45	45	56	68	68	58	48	48	39	55	48	45.4
	Minimum	23	17	18	29	17	9	12	22	18	15	16	20	32	29	30	37	38	38	17	18	21	17	19	36	32	35	11	37	37	34	30	25.6
Lewistown 2 SW	Maximum	49	40	57	36	40	35	44	33	29	33	45	41	52	48	64	42	56	51	27	28	44	45	48	58	70	61	58	48	42	54	45	45.9
	Minimum	28	17	15	27	19	11	15	26	16	13	12	12	35	26	28	35	35	43	15	15	21	19	19	34	28	28	41	33	36	34	30	24.5
Lock Haven[6]	Maximum	37	40	45	40	41	36	41	32	28	31	44	40	52	43	52	48	51	44	30	28	48	46	40	59	69	66	52	52	40	53	41	44.0
	Minimum	22	15	23	22	16	12	31	23	16	9	13	27	35	25	35	40	40	30	14	19	21	18	35	37	28	40	38	34	35	35	25	26.2
Marcus Hook[1]	Maximum	40	36	52	45	36	38	51	44	33	37	50	59	57	54	62	67	63	61	34	31	44	48	55	56	67	62	55	65	47	47	52	50.3
	Minimum	27	22	28	22	18	22	38	30	25	24	25	34	38	32	40	41	45	31	22	24	29	27	36	44	39	47	41	45	38	38	38	32.6
Martinsburg[3]	Maximum	29	35	51	38	33	33	36	26	20	27	45	38	40	41	71	62	53	41	22	27	35	39	44	52	69	57	60	44	37	47	35	41.5
	Minimum	15	13	21	21	16	14	26	15	11	10	13	34	26	22	33	50	39	19	12	15	23	18	33	34	32	35	36	31	31	29	28	24.4
Mauch Chunk-1 SW	Maximum	32	30	40	40	34	37	40	41	34	....	41	....	44	47	49	51	52	48	42	....	38	49	40	49	62	....	51	44	....	45	....	42.8[f]
	Minimum	22	13	15	25	16	3	32	19	16	....	8	19	....	25	34	36	41	34	14	....	24	10	30	24	22	....	30	....	29	33	....	23.0[f]
Meadville 1 S	Maximum	26	39	48	29	38	40	35	24	26	30	53	52	36	43	63	55	38	32	28	36	38	47	45	57	68	51	56	46	41	36	34	41.6
	Minimum	18	12	13	29	9	8	26	15	10	4	2	29	24	20	28	36	33	30	9	11	22	20	26	30	34	25	21	28	29	23	25	20.9
Mercer[3] 2.5 NE	Maximum	26	35	46	34	34	40	38	23	21	27	53	50	34	44	71	55	42	33	27	33	37	47	45	54	65	50	58	48	42	38	34	41.4
	Minimum	13	11	28	18	14	22	20	13	11	11	20	30	20	23	38	40	30	12	9	19	20	19	34	29	32	29	32	26	30	22	25	22.6
Middletown[1] 1.5 W.	Maximum	40	37	54	40	33	38	43	37	29	33	48	40	51	52	68	63	59	52	39	32	40	46	43	56	70	63	52	48	43	52	46	46.7
	Minimum	23	19	25	18	12	11	29	24	19	17	17	28	36	29	30	37	44	29	17	19	23	18	31	35	31	42	42	36	35	37	31	27.2
Midland[1]	Maximum	32	39	54	43	40	44	45	30	26	32	56	50	48	51	72	61	57	40	30	39	40	50	52	55	67	53	65	50	50	47	38	46.8
	Minimum	22	16	24	27	20	27	28	20	15	14	24	34	30	28	39	48	37	24	16	22	24	24	37	31	33	33	40	33	38	27	26	27.8
Montrose 3 E	Maximum	18	21	32	22	26	39	39	29	22	24	37	39	34	34	38	47	46	36	22	27	33	37	41	46	59	43	42	38	34	45	37	35.1
	Minimum	14	2	2	17	1	1	8	20	9	8	8	12	28	16	16	27	32	30	3	3	14	12	13	29	32	31	31	28	27	29	21	16.9
Mt. Lebanon[6]	Maximum	30	37	55	38	31	42	46	30	26	32	58	48	45	48	76	65	58	40	27	28	41	47	47	57	70	53	62	45	44	45	38	45.8
	Minimum	18	13	26	29	20	21	25	19	12	16	25	37	28	25	43	50	38	22	15	18	26	22	37	31	38	33	40	28	32	25	22	26.9
Mt. Pocono[3] 2 N.	Maximum	21	24	38	33	33	35	40	29	22	24	37	40	39	42	41	54	51	42	24	22	36	38	44	46	58	46	40	39	32	37	38	36.9
	Minimum	11	4	11	14	10	9	20	15	8	5	6	27	25	18	28	29	32	9	4	12	19	9	24	30	31	30	30	28	29	28	22	18.6
New Bloomfield	Maximum	38	37	54	50	36	34	39	38	29	31	45	39	50	46	62	60	59	46	39	27	41	41	43	56	66	65	55	51	36	54	49	45.8
	Minimum	21	15	19	26	13	1	30	18	13	− 1	5	25	33	24	32	38	44	32	13	16	21	7	32	30	25	39	36	32	33	33	24	23.5
Newburg[1] 3.5 NW	Maximum	52	54	58	52	58	47	45	35	29	35	48	36	48	50	64	58	58	48	32	34	52	46	52	58	68	62	60	52	38	53	43	49.2
	Minimum	20	16	20	22	16	12	30	22	16	11	15	26	36	28	34	38	44	32	18	18	26	18	32	36	30	42	39	34	32	36	30	26.7
New Castle-1.5 N.	Maximum	34	38	48	48	40	48	48	37	28	32	57	57	49	47	74	74	58	42	36	37	41	49	47	59	69	69	61	56	45	39	39	48.6
	Minimum	19	13	14	32	18	23	30	18	13	13	22	32	27	22	28	43	36	33	13	21	26	19	38	31	33	32	38	28	37	26	29	26.0
Palmerton[1]	Maximum	31	33	41	35	40	41	42	35	28	29	43	43	46	50	50	51	51	48	25	27	42	41	48	52	60	53	45	46	38	46	45	42.1
	Minimum	19	15	20	20	17	13	29	24	18	15	12	25	31	27	34	37	40	19	15	18	25	15	32	32	28	39	37	34	34	35	31	25.5
Park Place[3] 1 NW	Maximum	24	27	41	34	30	32	35	27	21	24	36	38	40	41	47	54	48	38	18	22	33	34	42	47	59	49	41	39	31	46	35	36.5
	Minimum	11	9	21	16	9	15	24	14	10	10	15	27	24	20	30	32	34	9	8	16	21	17	27	32	37	34	32	30	29	27	25	21.5
Philadelphia Arpt [1]	Maximum	38	34	50	39	35	41	48	40	29	34	47	55	53	54	60	65	59	57	29	30	42	45	53	55	66	60	52	51	44	47	47	47.1
	Minimum	23	20	24	21	17	17	35	27	23	20	20	29	34	32	39	41	43	29	21	25	27	27	33	37	33	42	39	40	39	35	35	29.9
Philadelphia C.O.[1]	Maximum	38	37	49	40	39	43	51	40	30	33	45	54	54	55	60	65	59	55	28	30	46	45	53	56	66	63	52	52	43	47	47	47.6
	Minimum	24	21	30	21	18	26	40	28	23	24	27	32	35	32	40	41	45	28	20	25	29	32	36	44	41	45	41	42	38	37	37	32.3
Phila. Shawmont	Maximum	37	37	50	42	38	43	48	43	37	33	45	51	52	54	60	67	61	57	52	30	43	44	53	54	65	60	60	50	47	49	50	48.9
	Minimum	29	21	20	21	16	16	33	27	23	18	18	27	43	30	39	40	43	34	20	21	27	23	34	36	32	41	41	40	30	37	32	29.7
Philipsburg[3] 7 E	Maximum	28	33	48	35	29	31	34	21	18	22	40	36	39	41	56	55	51	34	20	23	36	36	40	49	63	52	58	42	33	44	32	38.0
	Minimum	10	6	25	15	3	12	21	12	8	− 2	0	32	22	14	32	44	34	10	6	13	12	7	31	26	31	30	32	28	28	22	15	18.7
Phoenixville-1.5 SE	Maximum	48	42	52	43	42	42	43	40	32	36	49	59	63	57	65	74	70	60	46	34	53	49	55	58	62	64	53	53	44	46	50	51.1
	Minimum	28	19	18	26	16	5	34	23	21	16	14	28	42	29	38	38	42	37	20	20	27	17	31	37	28	38	32	35	32	36	30	27.5
Pittsburgh Arpt Sta.[1]	Maximum	30	38	53	40	31	47	47	24	24	31	59	48	42	50	75	63	54	41	27	29	38	46	47	56	70	58	62	45	43	44	36	44.9
	Minimum	18	15	26	25	20	22	24	16	10	16	24	37	27	26	41	52	37	19	14	23	27	24	37	32	39	33	38	30	35	27	26	27.1
Pittsburgh City Office[1]	Maximum	31	38	56	42	34	49	49	28	25	33	59	49	42	49	76	63	56	42	29	32	39	49	49	57	71	55	64	47	46	45	39	46.1
	Minimum	21	19	28	27	23	28	28	18	15	20	28	37	30	29	44	54	40	22	17	26	29	26	40	36	37	35	40	33	38	30	30	29.9
Port Clinton/	Maximum	35	33	49	31	36	40	40	35	36	32	42	43	48	50	56	55	66	49	26	28	40	40	46	53	63	57	45	45	38	46	38	43.2
	Minimum	25	16	18	29	17	8	8	22	19	10	10	25	35	28	38	36	37	39	16	18	22	15	29	32	27	35	37	34	31	34	29	24.4
Putneyville-2.5 SE	Maximum	30	36	50	36	37	36	40	34	25	30	53	50	42	44	72	70	56	37	32	28	42	43	44	55	69	68	64	56	45	42	35	45.2
	Minimum	12	10	24	24	17	17	29	18	10	10	10	28	29	23	31	48	35	31	10	12	25	18	29	29	30	30	39	35	39	31	32	24.7
Quakertown-0.5 E	Maximum	34	32	45	42	36	38	42	39	31	31	43	51	51	50	56	62	59	51	44	27	43	41	49	52	63	61	53	50	44	43	45	45.5
	Minimum	22	5	16	18	12	2	30	22	18	15	28	30	38	25	32	33	36	38	15	16	23	13	28	36	25	36	31	33	29	32	26	24.6
Reading[1]	Maximum	37	37	50	41	37	40	42	39	29	32	47	43	53	52	62	63	58	51	28	29	42	45	51	55	67	62	47	50	41	52	47	46.1
	Minimum	22	19	27	21	16	15	35	26	21	20	18	32	35	30	39	40	45	27	19	21	29	24	34	39	35	46	40	40	34	37	35	29.7
Ridgway /	Maximum	29	39	49	29	40	38	36	25	24	28	53	47	41	41	68	56	39	35	26	29	44	45	43	55	50	55	59	45	39	43	36	41.5
	Minimum	16	5	6	29	12	6	19	20	12	2	2	17	31	18	23	34	37	32	8	8	20	11	11	31	24	26	31	29	28	22	21	19.1
Scranton[1]	Maximum	26	27	40	33	33	44	45	34	26	28	46	48	42	42	50	52	52	44	28	29	38	43	50	52	67	54	46	43	40	46	43	41.6
	Minimum	16	10	20	20	11	12	33	24	18	15	14	27	29	24	34	36	39	17	11	17	26	16	34	36	31	38	39	33	33	34	30	25.1
Selinsgrove	Maximum	38	37	51	49	38	37	41	41	28	31	43	42	50	44	60	59	56	45	42	29	43	43	41	57	66	60	50	48	45	53	51	45.7
	Minimum	20	14	21	25	25	3	33	23	16	11	11	26	34	26	34	40	42	39	16	19	29	11	33	33	26	42	33	34	33	36	24	26.2
Sharon	Maximum	29	39	47	47	32	40	44	33	26	29	57	57	47	40	72	72	57	39	33	33	37	51	51	56	72	72	58	54	50	44	39	47.0
	Minimum	21	17	34	27	16	25	30	20	15	16	25	41	28	27	40	45	37	21	13	22	27	25	41	34	40	31	41	31	41	29	31	28.7
Somerset	Maximum	27	38	50	47	35	33	39	33	20	28	52	44	42	52	71	69	57	38	30	37	40	42	45	53	67	65	61	58	43	45	33	45.0
	Minimum	15	7	11	28	19	9	28	16	9	6	4	35	38	17	35	46	36	30	14	15	23	9	34	31	23	32	42	28	30	23	24	23.1
Springs[6] 1 SW	Maximum	23	38	48	42	28	35	40	29	18	26	48	40	39	48	70	63	51	39	25	28	35	49	46	50	67	58	60	46	39	44	33	42.1
	Minimum	15	8	14	24	18	14	28	15	6	5	7	28	27	20	34	46	35	25	13	14	23	27	33	30	27	31	36	27	29	24	24	22.8
State College[1]	Maximum	32	38	52	42	34	33	36	32	22	27	46	40	45	42	63	60	53	38	24	24	40	41	44	53	67	57	59	45	37	47	36	42.2
	Minimum	19	12	28	19	14	11	32	17	12	9	14	35	34	25	35	46	38	23	11	20	23	17	34	33	33	37	41	32	32	30	27	25.6
Stroudsburg-2 E.	Maximum	37	35	38	40	42	42	44	43	38	46	44	44	50	52	55	49	54	52	46	27	46	45	46	56	66	56	47	48	40	45	46	46.4
	Minimum	24	13	19	24	16	10	32	21	19	10	9	21	37	29	33	35	42	35	15	19	20	13	30	34	25	33	34	32	30	34	30	25.1
Tamarack /-2 S.	Maximum	26	34	45	24	32	32	34	25	21	27	46	38	41	36	52	51	41	33	19	23	40	37	39	51	61	51	50	40	31	44	33	37.3
	Minimum	13	5	20	23	5	15	15	16	8	7	7	16	28	18	18	30	41	29	4	15	15	19	18	29	28	30	28	25	15	27	20	18.9
Tionesta[6] 1.5 SE	Maximum	27	38	51	40	42	37	38	32	22	28	53	50	47	44	69	56	55	33	28	33	45	46	45	55	69	68	61	55	48	41	33	44.9
	Minimum	17	7	25	21	10	13	28	16	11	3	10	20	27	20	33	41	33	28	8	17	24	11	30	22	28	32	30	28	34	21	21	21.7
Titusville-2 S.	Maximum	25	38	51	42	40	38	38	30	23	26	49	49	42	42	63	56	54	33	27	34	38	45	43	55	67	64	55	46	43	39	32	42.8
	Minimum	15	8	28	21	5	16	21	15	9	5	13	32	25	18	34	39	31	26	7	12	23	16	34	29	31	28	41	27	33	20	22	22.2
Towanda[6] 1 E.	Maximum	28	32	38	35	35	43	45	35	28	29	48	47	42	42	42	47	55	41	27	29	43	44	46	54	66	58	51	45	39	54	46	42.4
	Minimum	18	10	16	14	5	5	29	25	16	10	9	28	35	22	31	36	40	22	10	17	24	5	34	36	25	36	33	31	28	34	21	22.7
Uniontown	Maximum	33	39	56	55	39	47	54	37	26	36	59	56	48	54	78	74	58	43	33	33	37	50	51	57	72	69	65	62	48	47	42	50.3
	Minimum	21	16	22	39	25	30	33	21	14	18	21	34	31	26	40	55	41	32	18	21	29	25	40	34	31	35	51	31	36	27	29	29.9
Vandergrift[1]	Maximum	35	36	53	47	38	43	47	35	27	33	58	48	46	50	75	68	62	42	29	30	42	49	47	57	73	56	66	48	44	47	38	47.4
	Minimum	22	15	24	26	20	20	32	21	15	19	18	29	31	25	40	52	39	25	21	21	28	18	40	35	30	35	43	33	38	27	29	28.1

Continued on page 24.

Daily Temperatures for March 1944—Continued from page 23.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren[6]	Maximum	24	36	46	31	37	37	35	27	25	26	50	50	41	41	49	53	53	33	25	34	39	44	40	53	66	61	52	44	40	41	39	41.0
	Minimum	17	10	30	18	5	16	27	17	8	6	12	32	28	22	34	41	32	23	8	18	24	16	34	30	29	31	39	28	35	25	24	23.2
Waynesburg	Maximum	33	40	56	54	35	44	51	35	24	34	58	56	45	52	76	74	57	42	31	30	41	53	52	56	69	67	63	59	48	46	40	49.1
	Minimum	20	11	19	35	23	27	29	18	11	13	18	33	22	21	35	54	38	30	16	20	26	20	38	29	27	32	40	28	37	24	28	26.5
Wellsboro/	Maximum	27	34	45	21	35	36	37	28	24	28	49	42	40	40	49	53	44	39	24	26	40	41	41	54	63	51	51	41	36	49	37	39.6
	Minimum	17	10	10	19	2	1	7	20	11	5	5	15	28	22	22	30	40	32	8	8	15	5	4	32	25	29	26	30	26	30	23	18.0
West Chester	Maximum	39	36	51	45	38	44	43	40	30	33	48	52	54	54	61	70	61	56	38	28	44	46	51	55	67	63	50	52	44	48	48	48.0
	Minimum	26	18	23	22	16	18	34	28	20	17	19	29	42	29	38	38	44	38	18	20	26	26	32	38	34	44	39	38	34	35	33	29.5
Wilkes-Barre[3]	Maximum	30	31	42	34	36	41	44	33	28	31	46	45	43	41	51	52	53	46	29	28	41	41	47	54	65	53	45	45	39	52	44	42.3
	Minimum	16	13	19	21	12	13	24	22	17	14	12	23	28	25	32	37	37	16	12	18	20	14	33	30	27	30	34	30	32	34	27	23.3
Williamsport	Maximum	35	37	44	41	40	36	43	37	31	33	45	42	48	45	56	55	51	46	37	29	46	42	42	58	67	64	52	48	45	57	50	45.2
	Minimum	22	15	24	21	14	13	30	20	16	12	15	33	34	26	34	39	40	35	13	17	21	15	33	34	26	38	35	30	32	35	24	25.7
Williamstown	Maximum	34	34	51	50	37	36	40	39	31	29	44	44	48	47	59	60	60	49	40	32	40	44	44	53	66	64	56	48	48	51	50	46.1
	Minimum	26	15	17	26	17	5	32	21	15	7	9	27	36	26	35	38	43	39	14	17	25	10	33	33	29	43	38	35	35	34	25	26.0
Woodward[3-2 NE]	Maximum	29	29	46	35	29	29	32	23	19	23	44	36	41	36	55	54	48	35	18	22	35	36	37	49	60	50	47	39	30	44	36	37.0
	Minimum	10	8	25	15	10	16	20	11	7	8	14	28	24	19	30	42	32	9	6	12	20	18	29	30	37	34	30	28	27	27	22	20.9
York-3 SW	Maximum	40	39	56	55	40	40	46	46	32	34	52	46	53	51	69	65	64	53	40	29	44	47	46	57	70	67	61	53	46	54	55	50.0
	Minimum	25	18	22	28	18	10	33	20	19	14	16	29	38	29	35	39	51	39	19	20	26	17	33	34	30	40	39	37	34	36	28	28.3

[See page 21 for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum* velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.60	22	29.49	6	10.5	40	se.	29	80	72	79	46	1019
Harrisburg	30.68	22	29.51	17	9.0	35	nw.	28	75	57	64	54	867
Philadelphia	30.68	22	29.49	17	11.5	30	nw.	1§	74	52	66	45	778
Philipsburg	30.62	22	29.54	17	12.9	40[a]	se.	29	81	63	72	.....	1134
Pittsburgh	30.54	22	29.61	20	12.0	35	se.	29	79	60	63	42	898
Reading	30.68	22	29.48	17	12.7	40	e.	29	70	47	46‡	55	840
Scranton	30.70	22	29.42	17	7.5	26	nw.	1§	77	59	....	38	981

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.0	8.5	18	2.0	6	18
Easton	Delaware	5.3	12.3	18	1.7	5	22
Lehighton	Lehigh	4.2	5.7	25	3.0	2	9
Reading	Schuylkill	6.2	9.6	24	3.9	6	13
Wilkes-Barre	N. Br. Susquehanna	8.3	17.2	18	3.2	6	22
Williamsport	W. Br. Susquehanna	6.4	15.0	18	2.6	12	20
Newport	Juniata	7.2	11.8	14	4.5	6	22
Harrisburg	Susquehanna	6.2	10.7	19	4.1	7	17
Schenley, (nr) Lock No. 5.	Allegheny	17.7	24.2	18	14.5	6	24
Sutersville	Youghiogheny	7.6	12.0	25	5.2	4	20
Charleroi (nr.), Lock No. 4	Monongahela	17.8	25.1	24	14.1	31	30
Pittsburgh	Ohio	•	21.1	18	•	.....	25
Midland, Dam No. 7	Ohio	19.1	27.2	18	13.6	4	30

* Pool stage. † On other days also.

W. B. O., Philadelphia—5-25-44-975.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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L. F. CONOVER

HARRISBURG, PA.

VOL. XLIX. APRIL 1944. No. 4.

GENERAL SUMMARY.

Unseasonably cool and rainy weather continued in April. Temperatures were below normal most of the time and only a few days were warm enough to indicate that this was a spring month. Highest maxima were general on the 30th and the extreme equalled the 81° recorded at Gettysburg in April, 1918; the lowest extreme maximum for the period of record for the month. The average daily deficiency accumulated since January 1st is now 0.8°.

Precipitation was frequent and amounts significant; the resulting surplus reduced the year's accumulated deficiency to 0.06 inch. The ground condition was much better than in 1943 when, by the end of April, precipitation was 1.82 inches below the average for the first four months. The average number of days on which measurable amounts were reported was 16, equalling the record for April which was established in 1920. All areas received excesses, those in the east portion being greater. Snow was frequent early in the month, greatest amounts falling on the 4-5th. Sleet fell on the 11th, mostly at northern stations. Thunderstorms were frequent, those of the 23d-24th being most general. During this storm, hail fell at scattered stations.

Minor flooding occurred in the west portion about the 13th, when roads in the vicinity of Meadville were inundated for a short time. Continuous rains, toward the end of the period, raised stream levels in the east, but crests were generally well below flood stages.

Scanty foliage on underbrush and small trees prevented adequate retention of moisture. This condition contributed to the forest fires which were frequent throughout the month. Most stubborn and widespread were those which sprang up during the rainless periods from the 18th to the 20th and from the 28th on.

Conditions continued unfavorable to agriculture. Increasing temperature deficiencies and above-normal precipitation have combined to retard vegetation and field work. Plowing and planting have reached 60% of the stage attained by April 30, 1943. Scarcely anything has been planted in the northern part of the State. Winter grains are showing improvement but growth is not so far advanced as is to be expected at this season. Prospects for fruits of all kinds are promising. G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 80 stations was 45.5°, which is 3.1° below the 57-year normal for April. The highest monthly mean was 52.4° at Marcus Hook, and the lowest was 38.8° at Kane. Extremes ranged from a maximum of 81° at Emporium, Lewistown, Lock Haven, Marcus Hook, Sharon, and Williamsport on the 30th to a minimum of 6° at Wellsboro on the 6th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 197 stations, was 4.06 inches, which is 0.62 inch above the 57-year normal for April. The greatest monthly amount was 6.52 inches at Kregar, while the least was 2.24 inches at Ansonia. The greatest amount recorded in any 24 consecutive hours was 2.20 inches at Pennline on the 12th.

The average snowfall for the State was 2.5 inches, which is 0.3 inch above the 57-year normal. The greatest monthly snowfall was 10.9 inches at Meadville. The greatest fall for any observational day was 9.0 inches at New Tripoli on the 5th.

ERRATA

March, 1944. Page 23, Lancaster, mean maximum should be 49.7°; Philadelphia Shawmont, mean minimum should be 29.4°; Port Clinton, mean minimum should be 24.3. Page 24, Pressure, Wind, Humidity, and Sunshine Table, percentage of possible sunshine at Pittsburgh should be 47.

OBITUARY

Mr. Ira J. Keath, cooperative observer at Ephrata, died suddenly on April 12, 1944. His services began in July, 1925 and continued until the time of his death, a period of nearly 20 years of faithful public service.

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	47.2	92	12	2.52	1.3	8	14	10	6
1889	49.7	88	14	4.50	0.9	11	11	8	11
1890	48.6	88	12	3.46	6.4	10	14	8	8
1891	49.8	87	11	2.08	1.2	8	13	9	8
1892	46.9	85	14	2.04	1.1	10	10	10	10
1893	47.7	85	16	4.74	0.6	13	7	10	13
1894	48.0	83	9	3.62	14.7	11	11	8	11
1895	49.2	90	5	3.76	0.2	10	10	8	12
1896	53.0	97	4	1.75	0.9	8	10	10	10
1897	49.0	92	12	3.30	0.3	10	12	9	9
1898	45.6	84	4	2.93	2.5	12	9	8	13
1899	50.2	92	2	1.76	0.5	6	15	9	6
1900	49.2	90	13	1.57	0.9	8	14	8	8
1901	47.2	95	10	5.41	4.9	11	9	5	16
1902	48.0	91	20	3.56	3.0	9	8	10	12
1903	48.8	90	12	3.53	T	10	11	7	12
1904	44.7	86	9	3.45	1.0	13	8	8	14
1905	48.4	84	16	2.84	2.8	12	9	11	10
1906	50.0	89	12	3.13	0.6	9	14	8	8
1907	43.6	84	8	2.64	4.0	11	10	7	13
1908	49.8	89	0	3.51	1.0	12	12	8	10
1909	48.5	87	8	5.39	2.6	13	10	9	11
1910	52.6	89	13	5.07	0.6	13	10	9	11
1911	46.2	84	6	3.79	4.4	13	11	7	12
1912	50.2	83	18	4.39	1.6	15	10	7	13
1913	50.6	90	17	3.82	0.2	11	12	6	12
1914	47.3	93	5	4.66	1.1	14	10	8	12
1915	53.9	98	15	1.92	1.6	8	13	10	7
1916	48.0	87	16	3.65	5.6	14	9	9	12
1917	48.5	87	14	2.08	2.6	9	11	10	9
1918	48.2	81	12	4.53	10.8	14	10	9	11
1919	48.5	90	6	2.70	1.2	11	10	10	10
1920	46.0	87	8	4.39	3.0	16	9	9	12
1921	55.3	96	10	3.11	0.8	11	13	7	10
1922	50.1	91	11	3.17	0.4	12	12	9	9
1923	48.3	89	−5	2.94	1.9	9	14	8	8
1924	46.5	82	6	4.15	7.4	12	13	7	10
1925	51.3	96	9	2.32	0.5	10	15	7	8
1926	44.9	84	9	2.03	0.9	9	12	9	9
1927	47.7	92	17	3.52	1.0	13	12	7	11
1928	46.0	88	11	5.50	6.5	13	12	8	10
1929	51.4	94	19	6.12	1.1	15	9	8	13
1930	48.2	92	9	2.71	1.1	10	11	8	11
1931	48.4	85	16	3.33	2.3	10	14	6	10
1932	47.0	86	14	1.71	1.2	8	14	6	10
1933	50.9	89	15	4.49	0.5	13	12	8	10
1934	48.9	86	14	3.06	0.6	11	13	8	9
1935	47.1	91	12	2.56	2.9	11	11	7	12
1936	46.1	90	14	3.01	1.3	14	8	8	14
1937	47.7	89	19	5.53	0.2	14	9	8	13
1938	51.3	92	11	2.85	3.5	10	13	7	10
1939	46.7	90	9	3.70	1.0	15	7	9	14
1940	45.1	82	9	5.30	2.3	12	9	7	14
1941	55.1	94	18	2.02	T.	6	17	7	6
1942	52.8	94	14	2.21	4.5	7	13	8	9
1943	43.1	83	7	3.97	3.7	14	9	9	12
1944	45.5	81	6	4.06	2.5	16	7	8	15
Period	48.6	98	−5	3.44	2.2	11	11	8	11

Climatological Data for April 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	33	46.6	−2.1	77	30	25	5†	4.28	+0.60	1.06	24	2.8	17	8	11	11	ne.	Allent'n-Bethlehem Gas Co.
Altoona-4.5 W	Blair	1,500	58	45.2	−2.5	76	30	17	3	4.24	+0.84	0 81	24	T.	16	12	13	5	w	City of Altoona.
Bethlehem	Northampton	364	59	47.5	−3.7	77	30	25	5	3.91	+0.64	1.16	24	1.3	15	12	7	11	nw.	Lehigh University.
Burnt Cabins-2 NE	Fulton	990	3	46.8	.....	80	30	21	3	4.27	.....	1.01	27	1.0	14	7	8	15	w.	Penna. Turnpike Comm
Carlisle	Cumberland	473	76	48.0	−4.0	80	30	22	5†	4.91	+1.38	1.00	23-24	3.0	16	9	9	12	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	48.8	−1.4	79	30	26	3†	3.97	+0.77	0.84	27	0.3	17	4	8	18	ne.	William B Spear.
Coatesville	Chester	431	56	49.3	−1.0	77	10†	24	4	4.79	+0.99	1.32	23-24	0	11	5	8	17	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	2	40.8	.....	73	30	15	3†	4.23	.....	0.65	7-8	5.2	21	5	10	15	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	39.6	.....	76	30	15	5†	3.76	.....	0.55	11-12	3.1	14	7	7	16	n.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	7	44.4	.....	76	30	18	5	4.85	.....	1.40	24-25	2.3	17	4	5	21	nw.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	58	42.8°	−3.8	81	30	7	5	3.35	−0.15	0.60	11-12	4.0	17	11	4	15	....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ira J. Keath.
Everett-0.5 SW	Bedford	1,020	22	46.4	−2.4	78	30	23	1†	4.46	+1.34	0.97	27	0.2	15	7	5	18	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	51	42 0	−2.2	71	30	18	6	4.29	+0.03	0.80	24-25	4 2	15	6	5	19	s.	Andrew B. Evansha.
George School	Bucks	184	38	48.4	−2.0	76	10†	24	4†	5.49	+1.87	1.40	24	3.0	15	11	7	12	sw.	Prof. N. W. Swayne.
Gettysburg	Adams	500	71	50.2	−0.8	80	30	25	5	3.65	−0.04	0.92	23-24	T.	16	8	11	11	w	Dr. Henry Stewart.
Gordon	Schuylkill	900	40	44.5	−3.1	77	30	14	6	4.33	+0.11	1 08	23-24	6.0	15	10	5	15	ne.	Miss Sallie M. Johnson
Hanover	York	600	40	49.2	−3.1	77	30	25	5	3.71	+0.08	0.85	24-25	0.6	18	7	4	19	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	75	48.9	−2.0	80	30	27	5	3.94	+1.25	1.03	23-24	0.4	16	4	5	21	w	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	34	42.8	−2.4	75	30	12	6	3.95	+0.63	1 02	24-25	6.7	15	11	3	16	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	29	49.6	−1.5	75	30	29	5	4.11	+0.98	1.29	24-25	2.0	16	7	10	13	s.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	57	47.4	−2.0	80	30	19	3	3.98	+0.50	0.51	24†	0.8	17	6	3	21	w.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	57	49.7	+0.2	80	30	24	1	5.59	+2.06	0.99	27	2.0	16	11	10	9	nw	Lancaster Water Bureau.
Lawrenceville	Tioga	996	47	42.8	−3.1	77	30	17	5	2.48	−0.40	0.68	22-23	T.	8	7	8	15	n	Carlos P. Darling.
Lebanon††	Lebanon	469	60	47.4	−2.8	78	30	24	6	4.94	+1.45	0.93	24	0.2	15	14	6	10	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	6	§§	.....	81	30	§§	.....	3.56§§	.....	0.62	20-21	.....	15	11	4	15	.....	Penna. Dept. of Highways.
Lock Haven††	Clinton	557	54	46 6	−3.7	81	30	17	5	3 01	−0.57	0.66	23-24	2.0	16	8	6	16	w.	William R. Kelley.
Marcus Hook††	Delaware	12	18	52.4	−1.9	81	30	29	5	5.50	+2.10	1.83	23-24	0.3	16	19	1	10	w.	Sun Oil Co.
Martinsburg	Blair	1,493	2	45.0	.....	74	30	21	3†	3.79	.....	0.82	22-23	.....	16	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose-3 E††	Susquehanna	1,176	39	39.6	−4.2	73	30	18	3†	3.44	+0.22	0.72	23-24	T.	16	7	8	15	nw.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	3	40.0	.....	73	30	16	3†	5.06	.....	1.27	24	8.0	14	5	7	18	n.	U. S. Weather Bureau.
Palmerton††	Carbon	455	26	45 6	−2.0	78	30	20	6	3.17	−0.07	1.27	24	5.0	12	11	7	12	ne.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	49.4	−1.2	77	30	27	5	4.69	+1.64	1.67	23-24	T.	12	5	7	18	sw.	U. S. Weather Bureau.
Philipsburg†-7 E	Centre	1,916	2	40.2	.....	74	30	11	3	3.84	.....	0.69	23-24	2.5	17	4	6	20	nw.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	35	50.4	−1.5	79	10†	21	4†	5.38	+1.79	1.51	24	T.	14	9	7	14	w.	Phila.-Suburban Water Co
Port Clinton††	Schuylkill	407	6	45.5	−4.2	74	30	23	3	4.82	+0.68	1.28	24	4 0	15	16	7	7	.....	Earl E. Rarick.
Quakertown††	Bucks	480	59	46.2	−2 4	75	30	21	4	6.43	+2.37	2.09	23-24	T.	15	7	12	11	w.	John E. Benner.
Reading	Berks	273	74	49.1	−1.6	78	30	26	5	6.05	+2.78	1.54	23-24	4.8	16	6	5	19	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	50	45.0	−3.1	76	30	25	3	3.27	+0.50	0.98	23-24	2 0	15	5	9	16	nw	U. S. Weather Bureau.
Selinsgrove	Snyder	476	54	47.0	−2.4	78	30	22	5	3 37	−0.20	0.82	23-24	0.5	14	6	8	16	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	45.6	−2.1	77	30	21	3†	4.05	+0.59	0.66	23-24	1.8	16	6	8	16	se.	Penna. State College.
Stroudsburg-2 E	Monroe	440	25	46.5	−1.5	80	30	14	6	4.48	+0.63	1.02	24-25	5.5	13	11	0	19	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	4	39.6	.....	76	30	12	5	4.01	.....	0.60	20-21	7.2	19	5	8	17	w	James E. Swartz.
Towanda†-1 E	Bradford	754	50	44.1	−2.2	77	30	20	4†	3.15	+0.06	0.71	22-23	0.8	15	8	6	16	nw.	Mrs. M. Ordelia Parks.
Wellsboro††	Tioga	1,319	74	39.2	−5.3	72	30	6	6	2.86	−0.20	0 52	11	2.7	19	7	9	14	s.	M. S. Bliss.
West Chester††	Chester	410	95	49.2	−0.7	77	30	25	5†	4 67	+0.93	1.09	24-24	2.5	14	8	11	11	w.	Clyde T. Saylor.
Wilkes-Barre ††	Luzerne	544	6	44.6	.....	78	30	20	3	3.72	+0.79	1.05	23-24	1.3	15	6	7	17	nw	U. S. Communication Sta.
Williamsport ††	Lycoming	550	58	16.8	−2.1	81	30	20	5	3.43	−0.21	0.63	24	2.8	16	9	7	14	w.	John D. McEwen.
Williamstown ††	Dauphin	775	28	47.0	−2.3	76	30	21	1	4.49§§	+1.01	1.30	24-25	T.	14	2	13	15	.....	Gordon E. Lower.
Woodward-2 NE	Centre	2,191	3	41.2	.....	75	30	16	5	3.28	.....	0.73	23-24	2.9	17	4	5	21	w.	U. S. Weather Bureau.
York-3 SW††	York	390	56	50.1	−0.8	79	30	26	1	4.31	+1.12	1.10	24-25	1.0	16	9	13	8	w.	York Water Co.
Division mean				**45.8**	.....	**81**	**30**	**6**	**6**	**4.06**	.....	**2.09**	**23-24**	**2.2**	**15**	**8**	**7**	**15**	w.	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	27	40.8	−4.2	72	30	10	1	4.14	+0.52	0.70	9-10	2.5	18	6	10	14	w.	City Water Dept.
Brookville	Jefferson	1,400	53	42.5	−2.2	75	30	15	3†	3.49	+0.42	1.10	23-24	.....	18	4	5	21	sw.	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	46.4	−1.7	77	30	17	3	3.82	+0.86	0 82	23-24	3 0	13	4	14	12	w.	Butler Eagle.
Clarion†† -3 SW	Clarion	1,114	34	43.8	.....	76	30	8	5	3.68	+0.14	0.73	23-24	6.0	19	6	4	20	w.	Penna. Electric Co.
Claysville	Washington	1,170	40	46.2	−4.3	75	30	18	3†	5.35	+1.84	1.45	7-8	1.0	18	7	9	14	nw	Walter B. Paget.
Coudersport††	Potter	1,653	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Philip R. Shaw.
Derry	Westmoreland	1,150	47	49.0	−0.5	76	20†	21	5	4.01	+0.17	0.64	7-8	0.5	17	7	14	9	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	44.8	.....	73	30	18	5	5.41	.....	1.20	23	4.5	19	4	16	10	w.	Penna. Turnpike Comm.
Donora††	Washington	761	18	50.7	−1.0	80	30	23	5	4.08	+0.93	1.13	23	1.0	18	10	3	17	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	27	42.0	−3.2	71	30	17	3†	4.12	+0.64	0.66	11-12	3.0	16	9	7	14	w.	Miss. Emma H. Eastman.
Ford City-4 S	Armstrong	950	1	45.8	.....	77	30	15	5	3.02	.....	0.60	7-8	1.5	17	7	5	18	nw.	U.S. Engineers.
Franklin	Venango	987	70	43.6	−2.3	76	30	18	3	3.61	+0.43	0.74	11-12	5.0	15	7	10	13	n.	William K. Fuller.
Greensburg-2 S	Westmoreland	1,160	35	47.4	−3.0	75	30	18	1	3.78	−0.04	0.82	23	1.7	18	7	12	11	sw.	Westmoreland Water Co.
Indiana††	Indiana	1,300	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	41.8	.....	70	24	15	3	4.83	.....	1.28	24-25	.....	18	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown-0.5 W	Cambria	1,650	62	46.1	−3.6	75	30	20	3†	5.44	+1.39	1.09	22-23	3.8	21	8	10	12	s.	Robert Tross.
Kane-1 N	McKean	1,750	29	38.8	.....	74	30	8	4	3.91	−0.05	0.84	11	6.4	18	5	2	23	nw	Spring Water Co.
Meadville†-1 S	Crawford	1,065	50	41.9	−3.6	75	30	12	5	4.24	+0.71	1.26	12	10.9	16	5	5	20	nw.	City of Meadville.
Midland	Beaver	780	8	48.0	.....	73	24	21	5	3.59	.....	0.69	7-8	T.	16	5	8	17	nw.	Perry P. Campbell.
New Castle†-1.5 N	Lawrence	900	64	46.8	−1.7	76	30	17	5	3.89	+0.47	1.28	23-24	1.7	13	6	11	13	w.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	48.4	−0.8	76	30	19	5	3.24	+0.32	1.02	22-23	1.7	19	4	9	17	nw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	44.1	.....	77	30	13	5	4.02	.....	0.65	15	5.5	17	5	15	10	w.	U. S. Engineers.
Ridgway	Elk	1,385	37	41.2	−4.0	77	30	8	5	3.18	+0.12	0.67	11	2.5	19	5	9	16	s.	West Penn Power Co.
Sharon	Mercer	940	31	49.8	+1.1	81	30	23	5	§§	§§	§§	§§	1.0	§§	11	8	11	ne.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,100	73	44.7	−1.4	73	30	15	3	5.09	+0.52	1.26	22-23	2.9	19	3	10	17	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	43.2	−2.2	71	30	18	1†	5.26	+1.23	1.13	27	5.1	23	4	4	22	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	43.2	.....	75	30	14	3	3.74	.....	0.85	11-12	1.5	20	11	1	18	w.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	1	42.6	.....	75	30	15	5	4.32	.....	0.88	11	§§	16	5	8	17	nw.	Arthur M. Stokes.
Uniontown††	Fayette	1,040	56	51.4	+0.2	78	30	23	5	4.13	+0.40	0.76	27	1.0	19	8	15	7	sw.	William W. Marsteller.
Vandergrift††	Westmoreland	825	30	49.2	−1.0	80	30	22	5	2.93	+0.08	§§	§§	.....	16	7	16	7	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	56	41 5	−3.5	74	30	16	3	4.22	+0.67	0.83	11†	2.5	14	7	6	17	ne.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	49.2	−1.2	76	30	19	5	3.73	+0.22	0.83	23-24	T.	14	4	12	14	nw	Thomas S Knox.
Division mean				**45.2**	.....	**81**	**30**	**8**	**4†**	**4.03**	.....	**2.20**	**12**	**2.9**	**17**	**6**	**9**	**15**	w.	
Lake Drainage																				
Erie	Erie	705	71	42.6	−2.5	71	30	24	5	5.04	+2.31	1.45	11-12	1.9	19	4	6	20	ne.	U. S. Weather Bureau.
State mean				**45.5**	**−3.1**	**81**	**30**	**6**	**6**	**4.06**	**+0.62**	**2.20**	**12**	**2.5**	**16**	**7**	**8**	**15**	w.	

[See page 29 for explanation of reference marks.]

Daily Precipitation for April 1944

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	T.				.97	.03		.02	.06	T.		.17	.02			.40	.48					.28	.18	.85	1.47			.13				5.06
Hawley[2], 0.5 E	Wayne	T.	.08			.41	.03		.03	.12	T.	.05	.34	.09			.35	.36				.16	.19	.17	.55	1.02	T.						3.95
Hollisterville[2]	Wayne	.03				.33	T.		.02		.01	.03	.50	.07			.35	.32				.16	.25	.32	.84	1.29	.07						4.59
Lakeville[2], 1 N	Wayne	T.	.07			.50			.04	.07	T.	.05	.25	.13			.53	.19				.09	.08	.27	.88	1.05							[illegible]
Matamoras[2]	Pike					.65	.11		.06	.11			.26	.04			.59	.32					.12	.21	.54	1.48							4.49
Mount Pocono[3], 2 N	Monroe	.01			.45	.40			.12		.06	.24	.11			.22	.44					.59	.14	.86	1.27	T.		.15					5.06
Pleasant Mount[1, 5], 1 W	Wayne	.18	.02		.06	.01		.04	.48	.05	.10	.23	.33			.22	.46					.67	.04	.71	.81	.07	.05						4.53
Stroudsburg, 2 E	Monroe		.01			.60			.03	T	T.	.02	.21			.02	.96					.19	.08	.37	.76	1.32		.21					4.48
Tanners Falls[1, 5], 1 SE	Wayne	.20			.10	.02			.26	.02	.11	.24	.14			.38	.32					.34	.04	.48	.85	.04							3.54
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh	T.	.06		.10	.05		T.	.04	.07	T.	.28	.09			.34	.54				T.	.33	.03	.19	1.43			.44					3.99
Allentown[2]	Lehigh		.02	.13		.14	T.		.01	.05	.12	T.	.27	.02			.55	.46				.29	.07	.13	.39	1.06		.11	.46				4.28
Bethlehem[1, 5]	N'rthampton	.01	.16		.07	.22		T.	.02	.04		.11	.13			.39	.46					.31	.02	.29	1.16								3.91
Blakeslee Corners[1, 5]	Monroe	.08			.30				.13		.07	.28	.09			.27	.37					.60	.10	.35	1.01			.52					3.79
Gouldsboro[2]	Wayne	T.				.34			.03	.07		.03	.34	.05			.35	.25				.20	.41	.47	.74	1.07	.03	.04	.11				4.53
Lansford[2]	Carbon		.10			.32			T.	*	.15	T.	.29	T.			*	.79				.38	.07	T.	.59	.88		.09	.25				3.91
Mauch Chunk, 1 SW	Carbon	*	.09			.45			.11	T.	T.	.15	.25			.24	.62					.38	.13	.21	.98	.36		.34					4.34
New Tripoli	Lehigh	.05	.03		T.	.81			.04	.03	T.	.18	.09			.32	.56					.52	T.	.18	1.76	.06		.48					5.11
Palmerton[1, 5]	Carbon		T.		.07	.43			T.	.01		.09	.03			.14	.42					.34	.01	.13	1.27			.23					3.17
Zionsville, 1 SW	Lehigh	.01	.21			.03			*	.23		.07	.54			.38	.81	.03				.34		.45	.85	.48	T.	.74	.02				5.19
SCHUYLKILL																																	
Conshohocken	Montgomery	.12	.19	.04		.07			T.			.21	.06			.98	.76					.34	.02	*	*	2.17		.72					5.68
Fredericksville[2], 1 S	Berks		.21	.07		.37			T.	.07	.11	T.	.33	.01			1.12	.01				.53	.05	.19	.56	1.00	T.	.21	T.				4.84
Gratersford[2]	Montgomery		.04	.08		.03	.09		.08	.11			.38				.39	.89				.07	.32	.16	.72	1.41		.08	.93				5.78
Phoenixville[2], 1.5 SE	Chester		.07	.08		.05	T.		.04	T.	T.	T.	.32				.96	.42				.22	.20	.16	.34	1.51		.13	.88				5.38
Port Clinton[3]	Schuylkill		*	.12		.40			.08		.08		.24				.40	.50				.30	.08	.29	.42	1.28		.25	.38				4.82
Pottstown[2], 0.5 S	Montgomery		.09	.16		.15	T.		.02	.03	.01		.35	.01			.96	.46				.46	.19	.11	.61	1.37		.16	.78				5.92
Pottsville[2]	Schuylkill	T	.05	T		.27		T.	.03	T.	.10	T.	.31	.01			.40	.36				.33	.14	.21	.38	1.10		.18	.27				4.17
Reading[1, 5]	Berks	.14	.13		.16	.16		.04	.07	.19	T.	.28	.09			.52	.76					.62	.05	.45	1.51			.88					6.05
Wernersville[6]	Berks	.10	.21		T	.21			.12	.08	.14	.37	.07			.52	.84					.57		.58	1.39	.02		.93					6.15
LOWER DELAWARE																																	
Coatesville[6]	Chester	.02	.22			.08			T			.28	.09			.77	.60					.33		.18	1.32			.90					4.79
Doylestown	Bucks	T.	.19			.18			.04	T.	T	.02	.22			.63	.52					.35	T.	.29	.70	.54		.91					4.59
George School[6]	Bucks	.02	.20		.09	.16			.04			.11	.15			.98	.65					.20	.02	.34	1.40	.02		1.11					5.49
Marcus Hook[2]	Delaware		.11	.22		.25	.01		.01				.29	.01			1.18	.29				.41	.03	*	.21	1.83		.06	.59				5.50
Philadelphia Airport Station[1, 5]	Philadelphia	.01	.27		.23	.02		T.	T.		T.	.15	.04			.70	.59	T.		T.	T.	.33	T	.12	1.64			.59					4.69
City Office[1, 5]	Philadelphia	T.	.21		.16	.04			T.		T.	.14	.07			1.01	.50	T.		T.	T.	.28	.01	.18	1.50			.83					4.93
Shawmont	Philadelphia	.04	.22	.03		.21			.09			.05	.20			.75	.64					.20	.11	.22	1.35	.60		.90	.03				5.64
Quakertown, 0.5 E	Bucks	.01	.19		T.	.06			.07	.06		.09	.26			1.03	.66					.36	.01	.42	2.09	.26	T.	.86					6.43
West Chester	Chester	.03	.32			.15			.03			.13	.15			.62	.56					.30	.09	.17	1.09	.17		.86					4.67
West Grove[2], 1.5 SE	Chester		.22	.20		.06			.03				.37	T.			.97	.16			T.	.31	T.	.08	.09	1.32	T.	.14	.54				4.49
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga																								.06		.02						§§
Centerville[2]	Bradford	.05			.05		.01		.22		.38	.35	.10				.07					.66		.60	.47	.19							3.15
Covington[2]	Tioga	T.	.12	T.	.04	.08	T.		.15		.20	.05	.46									.15	.18	.29	.31	.22							2.25
Lawrenceville	Tioga				T.	T.			.25		.32	.25	.10		T.	T.						.48	T.	.68	.32	T.	.08						2.48
NORTH BRANCH																																	
Canton[2], 1 NW	Bradford	.02	.12		.01	.06	.04		.18	.05	.15	.04	.34	.13			.11	.01				.35	.14	.34	42	.38	.01	.01					2.91
Danville[2]	Montour		.04			.15			.10	.02	.09		.45	.04			.26	.15				.43	.07	.20	.22	.87		.07	.17				3.33
Freeland[2]	Luzerne	T.	.08			.42	T.		.04	T.	T.	.03	.50				.45	.26				.04	*	.98	.40	.80	.01	.09	.19				4.29
Millville[1, 5]	Columbia	.05			.04			.02	.12		.03	.45	.08			.15	.20					.48	.10	.25	.82			.19					2.98
Monroeton[2], 2 S	Bradford	T.	.12	T.	T.	.16	T.		.04	.05	.02	.03	.38	.13			.09	.03				.17	.24	.33	.51	.45	.03	.02					2.80
Montrose[2], 3 E	Susquehanna	T.	.04	T.	T.	.02	T.		.15	.09	.23	.06	.23	.22			.27	.14				.13	.26	.12	.72	.69	.07						3.44
Orwell[2], 3 N	Bradford	T.	.01		.01				.31	.20	.28		.21			.10	.10					.47		.49	.56	.10	12						2.96
Park Place[3], 1 NW	Schuylkill	.02			.02	.30		T.	.03	.01	.02	.27	.08			.21	.31			T.		.28	.02	.29	1.04	T.		.30					3.20
Pikes Creek[1, 5]	Luzerne	.06			.09				.10		.10	.45	.15			.14	.29				.01	.40	.11	.62	1.01	.04		.04					3.61
Rush[2], 6 S	Susquehanna	.01	.09			T.			.38			.26	.16				.22					.66		.56	1.26	.07							3.67
Scranton[1, 5]	Lackawanna	.06			.09	.03	T.		.08	.01	.04	.25	.08			.25	.33					.32	.15	.76	.78	.04	T	T.					3.27
Susquehanna[2]	Susquehanna	.02	.01		T.	T.			.10	.22	.21	.07	.12	.21		T.	.20	.11				.07	.29	.02	.69	.68	.03	.03					3.08
Towanda[6], 1 E	Bradford	T.	.12	T.	.04	.03	T.		.28	T.	.11	.26	.16	T.		.09	.03					.66	.03	.71	.56	.05	.05						3.15
Tunkhannock[1, 5]	Wyoming				.06				.08		.08	.34	.08			.08	.29				.01	.34	.20	.60	.68		.02						2.86
Wilkes-Barre[3]	Luzerne	.08			.13	T.			.12	.01	.13	.19	.04			.21	.28					.58	.17	.72	.97	.04	T.	.05					3.72
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.01	.17		.02	.10	T.		.18	.03	.17	.04	.44	.06			.04	T.				.17	.16	.31	.19	.15							2.24
Bald Eagle[1, 5]	Blair	.12	.02		.13		.04	.13	.24	.07	.02	.46	.16		.02	.11	.07				.30	.07	.11	.47	.71	.02		.38					3.65
Carrolltown[2]	Cambria	T.	.16		T.	.14	.06		.33	.10	.04	T.	.63	.13			.08	.15				.13	.11	.47	.37	.46	.01	.22	.25				3.84
Carter Camp[1, 5]	Potter	.20			.04			.07	.42	.21	.26	.65	.14		.03	.06	.08				.11	.19	.22	.23	.27								3.17
Cedar Run[2]	Lycoming	.09	.14			.18			.22	.04	.25	.05	.53	.06			.07					.15	.19	.38	.26	.26							2.87
Clearfield[2]	Clearfield	T.	.11		T.	.25	.06		.61	.03	.26	.02	.39	.21		T.	.39	.04				.32	.21	.18	.61	.38	T.	.04	.09				4.20
Curwensville[3] 6 NW	Clearfield	.09	T.	T.	.33	.16	.02	.11	.54	.08	.11	.38	.24		.01	.33	.05	.01			.18	.23	.10	.48	.58	.10		.10					4.23
Driftwood[1, 5]	Cameron	.21	.01		.21			.07	.38	.17	.03	.41	.12		.03	.16	.05				.17	.51	.02	.20								§§
Dushore[1, 5]	Sullivan	.03	.01		.13				.24	.02	.06	.39	.14			.05	.17					.38	.13	.54	.79								3.08
Eagles Mere[2]	Sullivan	T.	.22			.10	T.		.17	.16	T.		.55	.15			.10	.32				.23	.28	.27	.54	.64	.03						3.76
Emporium[2], 1 E	Cameron	T.	.32		T.	.25	.04		.34	.02	.27	.10	*	.84		.06	.25					.20	.14	.10	.25	.15	.02	T.					3.35
English Center[1, 5]	Lycoming	.17	.01		.13				.26	.22	.08	.32	.08			.05	.09				.07	.41	.17	.27	.44								2.77
Galeton	Potter	.02	.23		.10	.06			.24	.01	.35	.60	.10	T.			.03					.44	.05	.44	.06	.03							2.76
Karthaus[2]	Clearfield		.10		T.	.19	T.		.41	.07	.20		.40	.16			.21	.05				.45	.05	.11	.63	.40		.05	T.				3.48
Lock Haven[2]	Clinton	T.	.05			.09	T.		.31	.02	.09		.46	.03		T.	.32	.07				.26	.07	.09	.66	.37		.06	.06				3.01
Medix Run[1, 5]	Elk	.40	.04		.37			.05	.43	.16	.10	.47	.23		.05	.20	.04				.18	.14	.03	.24	.17								3.30
Philipsburg[3], 7 E	Centre	.16		T.	.23	.02	T.	.12	.37	.04	.03	.48	.10		T.	.15	.10	T.			.24	.29	.12	.59	.52			.28					3.84
Renovo[2]	Clinton	.02	.12			.28	T.		.29	.02	.24		.46	.05		.03	.08	.09				.21	.23	.09	.37	.29	.01						2.88
State College[1, 5]	Centre	.10			.08	T.	T.	.04	.32	.08	.02	.46	.11		T.	.15	.09	T.			.43	.57	.13	.36	.66	T.		.45					4.05

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Tamarack[2], 2 S	Clinton	.04	.20		T.	.48	.11	T.	.37	.07	.57	.04	.55	.18		.02	.07	05				.29	31	.11	.31	.20	.04						4.01
Wellsboro[2]	Tioga	.03	.16		.03	.07	T.		.14	.05	.29	.05	.52	.02			05	.01				.28	.24	.31	.27	.31	.02	.01					2.86
Williamsport[2]	Lycoming		.10			.15			.18	.12	.03	.04	.52	.05			.18	.08				.24	.34	.14	.53	.63		T.	.10				3.43
Williamsport[2], 4 SE	Lycoming	T.	03			.07			.22	.06	.04	T.	65	.05			.26	.12				.31	.25	.21	.71	.74		.02	.10				3.84
JUNIATA																																	
Altoona, 4.5 W	Blair	.12			.09	03			.27	.37	.04	.34	.09			.09	.09					.46	.03	.79	.81	.06		.56					4.24
Breezewood[1], 0.5 E	Bedford	.25			.10	T.	T.		.12	.04		.19	.12			.11	.17				.20	.08	.05	.60	.73			.93					§3.69
Buffalo Mills[2]	Bedford		.31			.06			.17				.15	.13			.18	.03				.20		.81	.21	1.18		.30	.61				4.34
Burnt Cabins[1], 2 NE	Fulton	.24			.06	T.			.11	.05		.16	.14			.25	.21				.10	.19	T.	.77	.97	.01		1.01					4.27
East Waterford[2], 3 E	Juniata	T.	.04	T.	T.	.11	.01	T.	.10	.01	.04	T.	.31	.06		T.	.24	.18	T.			.55	.02	.26	.58	1.40	T.	.21	.73				4.85
Everett[2], 0.5 SW	Bedford		.33	T.		.12	.02	T.	.17	.04	T.		.26	.16			.27	T.		.04		.28	T.	.71	.28	.81		.20	.77				4.46
Huntingdon[2]	Huntingdon	T.	.06			.05	.02		.23	.11	.50		.43	.05			.23	.03				.42	.05	.37	.41	.51		.16	.35				3.98
Lewistown[2], 2 SW	Mifflin	T.	.09			.03			.10	.08	.37	T.	.36	.06			.18	.10				.62	T.	.42	.36	.42		.04	.33				§3.56
Mapleton Depot[2]	Huntingdon	T.	.02			.04			.09	.01	.04		.22	.09			.23	.11				.38		.26	.31	.66		.09	.61				3.16
Martinsburg[3]	Blair	.07			.02	T.	T.	.12	.10	.12	.02	.33	.13			.12	.12	T.		T.	.27	.10	.22	.62	.76			.67					3.79
McConnellstown[2], 4NW	Huntingdon	T.	T.			.04	.04		.03	.04	.04		.47				.36	.06				.72	.03	.48	.43	.35		.21	.44	T			3.64
Neffs Mills[1, 5], 3.5 NE	Huntingdon	*	.09		.03	*	*	*	*	.21		.44	.16			.10	.04				.54	.07	.09	.31	.80			.42					3.30
New Bloomfield	Perry	.10	T.		T.	.07				.25	.19	.26	.10			.13	.38					.39		.61	1.36	.03		.84					4.71
Newport[2]	Perry	T.	.08	T.		.11	T.	T.	.07	.03	.05	T.	.29	.03			.25	.17				.37	T.	.34	.35	1.49		.27	.46				4.36
Saxton[2], 1 W	Bedford													.05								.30		.05	.37	.62		.38	T.				§§
Shade Gap[1, 5], 0.5 SW	Huntingdon	.16			.10			.07	.06			.19	.14			.21	.21				.19	.14	.18	.74	.91	.01		.77					4.08
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams		.28	.02		.03	T.		.04	T.	.20		.44	.04		T.	.80	.10		.01		.03	.04	.15	.42	.63		.25	.66				4.14
Bloserville, 1.5 N	Cumberland	.05	.07		T.	.20	T	T.	.11	.08	T.	.26	.13			.27	.38					.32		.82	1.16	.03		.98					4.86
Carlisle	Cumberland	.23	.12		.12	.08	T.	T.	.10	.10	.02	.31	.19			.28	.46					.26	T.	.76	.98	.02		.88					4.91
Columbia[6]	Lancaster	.08	.37			.08	T.		.04	T.	.24	.36	.11			.35	.65			T		.09		.32	.61	.39		.91					4.60
Dauphin[2], 3 N	Dauphin		.10			.08	T.		.08	T.	.04	T.	.36	.01			.23	.26				.38	.01	.17	.48	1.01		.22	.62				§4.05
Ephrata	Lancaster																																§§
Glen Rock[1, 5]	York	.22	.10		.02			.01	.03	15											.21	.05		.13	1.12			.60					4.33
Gordon	Schuylkill	.12				.45			.05	.15	.15	.32	.06			.31	.40					.36	.06	.28	1.08	.17		.37					4.14
Grantville[6], 4 NW	Dauphin	.08	.05		.06	T.			.07	.03	T.	.30	.07			.21	.46					.46		.59	1.01			.75					4.91
Hanover[2]	York		.20	.15		.08	.01	T	.04	T.	.23		.38	.01			.38	.30		.05	.13	.01	.01	T.	30	.85		.15	.43				3.71
Harrisburg Apt[1, 5], 3.5 S	Dauphin	.14	.05		.06	T.	T.	.06	.02	.04	T.	.36	.05			.24	.57				.01	.15	.02	.35	1.02			.80					3.94
Holtwood[2]	Lancaster		.24	.04		.08	T.		.01	T.	.01	T.	.36	.02			.90	.19		T.	.08	.09	T.	.09	.14	1.29		.11	.46				4.11
Huntsdale[2]	Cumberland		.14	.03		.04	T.		.04	.04	.06		.30	.05			.40	.30				.17	.03	.31	.48	.59		.22	.80				4.00
Kirkwood[1, 5], 1 SW	Lancaster	.20	.12		.11	.04							.02			.80	.65			.04		.20	06	.06	1.41			.54					4.25
Lancaster	Lancaster	.04	.39			.24			.02	.02	.07	.13	.38			.40	.80					.14		.32	.80	.85		.95	.04				5.59
Lebanon[2]	Lebanon		.27	.06		.05			.13	T	.08		.43	T.			.55	.30				.29	.01	.35	.62	.93		.32	.55				4.94
Middletown[1], 1.5 W	Dauphin	.19	.09		.05	.02	T.	.03	.01	.05	T.	.38	.11			.34	.67			T.		.20	.06	.51	1.20			.91					4.82
Millersburg[1, 5], 2 E	Dauphin	.05						.09		.08	.06	.32	.07			.14	.31			.17		.30	.05	.26	1.43			.55					3.88
Milroy[2], 5 N	Mifflin		.11			.07	T.	T.	.21	.06	.08	T.	.48	.10			.18	.04				.42	.38	.15	.19	.52	T	.16	.25				§3.40
Newburg[1], 3.5 NW	Cumberland	.11	T.		T.	T.	T.		.08	.05	.02	.17	.13			.28	.29				.16	.09	.08	1.01	.94			.91					4.32
New Park	York	.12	.24		.08					.03		.50	.21			.84	.36			.15		.04		.09	1.75	.25		.60					5.26
Pine Grove[2], 1.5 NE	Schuylkill		.05	.03		.05			.09	.01	.11		.32	T.			.62	.11				.25	.11	.55	.14	1.14		.24	.44				4.26
Ringtown[2], 1.5 SW	Schuylkill	.01	.02		.36				.01	.02	.04	.01	.31	.02			.80	.08				*	.38	.09	*	1.39			.30				§3.87
Selinsgrove	Snyder	.04				.08			.20		.14	.33	.08			.08	.39	T.				.47	.07	.33	.82	.03		.31					3.37
Shippensburg	Cumberland	.05	.18		.05	.02			.12	.08		.20	.18			.34	.44			T.		.17	T.	.53	.90	.02		.98					4.26
Sunbury[2]	N'umberland	.02	.04			.17			.13	.05	.10	.02	.44	.02		T.	.23	.25				.44	.06	.24	.10	.88		.08	.24				3.51
Williamstown[2]	Dauphin		.15			.05			*	*	.22		.32	.05			.58	.22				.35	.22	.24	24	1.30		.10	.49				§4.49
Woodward[3], 2 NE	Centre	.02			.22	.01	T.	.01	.16	.02	.03	.54	.06		T.	14	.08	T.			.36	.19	.11	.21	.73	T.		.36					3.28
York, 3 SW	York	.06	.45			.03	T.		.03	.02	.30	.29	.14			.35	.52			.04		.07		.17	.97	.13		.74					4.31
York Haven[2]	York		.17	.06		.04	.02		.05	T.	.10		.44	T.			.64	.31				.10	T.	.28	.51	.68		.18	.77				4.35
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin		.20	T.		.02	T.		.08	.05	.03		.33	.06			.71	.12		.03		.20	.05	.22	.38	.65		.22	.62				3.97
Gettysburg	Adams	.06	.33		T.	.01			.01	.07	.18	.22	.25			.24	.35			.11		.08		.08	.92	.10		.64					3.65
Hewitt[1, 5], 2 SW	Bedford	.24	.03		.06			.11		.14		.17	.18			.05	.20			.03		.28	.12	.17	.62			.79					3.19
Hyndman[2]	Bedford		.39			.07	T.		.28	T.			.22				.06			.04		.19		.58	.57	.88		.46	.66				4.40
McConnellsburg[2]	Fulton		.26	T.		T.			.20	.08			.32	.09			.51	.12		T.		.18		.39	.42	.53		.20	.60				5.90
Mercersburg[2]	Franklin		*			*			*	*	*		.60	*			*	*		*	*	*	*	*	*	2.00		*	.85				3.45
South Mt. San't'm[2]	Franklin		.30	.01		.04	T.		.08	.10	.07		.43	.03			.79	.03		.02	.03	.09	.04	.10	.29	.60		.15	.65				3.85
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	T.	.13			.11	.03		.89	.09	.12	T.	.31	.05			.21	.08				.04	.04	.35	.82	.05	.01	.05	.15				3.53
Allens Mills[1, 5]	Jefferson	.07			.23	.09		.06	.34	.11	.14	.52	.43			.29	.01	.03				.20	.06	.47	.21	.05							3.31
Blairsville[2], 6 NE	Indiana	.02	.16		T.	.10	.05	T.	.61	.10	.09	T.	.23	.21			.16	.27	T.			.42	.06	.41	.29	.22	T.	.28	.09				3.77
Boswell[2], 6 NW	Somerset	.02	.20		T.	.20	.14		.35	.10	.03		.72	.17			.34	.29				.31	.23	.92	.37	.71		.36	.37				5.83
Bradford, 4 W	McKean	T.	.23	.03	.08	.08	.05		.40	.04	.66	.53	.48	.03			.40					.16	.06	.33	.27	.22	.09						4.14
Brookville[3]	Jefferson	.01		T.	.23	.05	T.	.04	.44	.15	.17	.44	.32		.01	.19	.07	.01			T.	.12	.10	.82	.28	.04							3.49
Buckstown[1, 5]	Somerset	.50	.01		.12	.12	.04	.26	09	05		.16	.15		.02	.08	.25				.30	.22		1.06	.77			.70					4.90
Clarion[2], 3 SW	Clarion	.01	.03		.01	.36	.03		.40	.04	.18	.02	.56	.42		.01	.38	.02						.15	.11	.62	.25	.08						3.68
Coudersport	Potter																																
Derry[6]	W'moreland	.29			.19	.05	T.	.05	.59	.22	.05	.34	.24			.08	.13	.23				.25	.03	.62	.22			.43					4.01
Donegal[1]	W'moreland	.40	T.		.10	.12	.05	.32	.10	.20	.05	.45	.30			.21	.23	.05		.02	.12	.30	T.	1.20	.63			.56					5.41
Dunlo[1, 5], 0.5 SW	Cambria	.26			.04	.08	.01	.15	.24	.10	.03	.35	.15			.06	.10	.02			21	.14		.64	.66			.44					3.68
Ebensburg[2]	Cambria	T.				.32	.09	T.	.38	.05	.16	T.	.66	.03			.15	.07	T.			.23	.10	.48	.42	.52	T.	.22	.24				4.12
Ford City[2], 4 S	Armstrong	T.	.17		T.	.10	T.		.60	.02	.12	.02	.22	.08			.12	.13				.07	T	.32	.52	.34	.04	.11	.04				3.02
Franklin[2]	Venango	.10	.22	T.	T.	.33	T.		.28	T.	.25	.02	.74	.45		T.	.39	.06					.05	.03	.23	.43	.03							3.61
Glen Hazel[2], 1 NE	Elk	.04	.23	T.	.01	.19	.03	T.	.46	T	.45	.14	.64	.30		.05	.15	.01				.12	.14	.10	.33	.09	.06						3.54
Homer[1, 5]	Indiana	.24			.14	.02	.03	.20	.37	.01	.19	.14	.19		.01	.10	.17	.07			.09	.09	.05	.68	.24			.11					3.14
Indiana	Indiana																																
Johnstown[6], 0.5 W	Cambria	.19	.18		.24	.12	.08	.03	.40	.12	.03	.59	.32			.13	.10	.08			.05	.31	.03	1.09	.77	.02		.56					5.44
Kane[1], 1 N	McKean	.19		.01	.09	.21	T.	T.	.44	.24	.22	.84	.45		.04	.19	.10	T.			.05	.10	.15	.18	.21	.20	T.							3.91
Kregar[1], 4.5 SE	W'moreland	.37	T.	T.	.19	.08	T.	.27	T.	T.	.42	.50	.12			.35	.30	T.		T.	.51	.10	T.	1.35	1.20	.03		.73					6.52
Lycippus, 1.5 E	W'moreland	.18	.15		.16	.11	.06	T.	.50	.30	.06	.60	.30			.10	.17	.07				.19	T.	.95	.40	.16		.40					4.86
Marienville[1, 5]	Forest	.30			.08	.10	.04	.06	.33	.09	.20	.76	.42			.24	.11	.02			.04	.09	.04	.36	.05	.15							3.48
Meadville[2], 1 S	Crawford	.04	.41		.03	.14	.07		.43	T.	.64	.06	1.26	.24		T.	.15	T.				.06	T.	.11	.16	.42	.02							4.24
Mosgrove[2]	Armstrong	T	.20		T.	.23	.12	T.	.56	T.	.19	.02	.42	.20		T.	.45	.07				T.	.02	.18	.79	.25	.04		.03					3.77
Parkers Landing[2]	Armstrong					.21			.51		.25		.49	.30		.08	.32						.09	.09	.56	.20	.02							3.12
Pittsburgh Cty Of[15]	Allegheny	.19		T.	.11	.02		.77	.34	.05	.05	.25	.14			.14	.15	.01			.06	.08	.07	1.16	.16	.04	.01		.20					3.84
Port Allegany[2]	McKean	.01	.54	T.	T.	.05	.04		.39	.02	.27	.14	.64	.26		T.	.18	T.				.25	.05	.22	.03	.15	.06	T.						3.30
Punxsutawney[2]	Jefferson		.30		.01	.15	.03	T.	.53		.19		.25	.22			.55	.03				.18	.13	.15	.62	.32	.04	.04	.03					3.77

Continued on page 29.

Daily Precipitation for April 1944—Continued from Page 28

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong	.02	.27			.39	.05		.59		.16		.34	.27			.65	.03				.01		.10	.58	.18	.04	.03	.01				4.02
Ridgway[2]	Elk	.15	.29		T.	.12	.08		.29	.09	.27	.04	.67	.37		.04	.14	.03				.08	.09	.05	.22	.10	.06	T.					3.18
Saltsburg[2]	Indiana	.01	.22		T.	.09	.05	T.	.62	.15	.08		.25	.12			.15	.07	T.			.15	.01	.62	.37	.03	T.	.20	.12				3.31
Seward[2]	Indiana	.02	.18			.12	.05		.11	.08	.22		.61	.11			.06	.11	.02			.11	.12	.72	.22	.32	.04	.11	.23				3.62
Sheffield[1, 2, 6] W.	Warren	.28			.10	.19	.06	.06	.87	.26	.15	.94	.5		.03	.27	.10				.25	.09	.13	.52	.17	.15							1.67
Smethport[1, 5], 1 SW	McKean	.53	.03		.02	.03	.07		.38	.17	.16	.73	.28		.02	.10	.09				.13	.06	.14	.25	.16	.08							3.43
Strongstown[1, 5]	Indiana	.18			.12	.02		.22	.30	.23	.01	.40	.18			.08	.13				.13	.22	.08	.58	.44			.40					3.75
Tionesta[2], 1.5 SE	Forest	.01	.26		.02	.04	.03		.40	.02	.26	.04	.85	.55		.01	.40	.04				.03	.05	.05	.52	.11	.05						3.74
Titusville, 2 S.	Crawford	.02	.23		.07	.03			.31	.19	.32	.88	.82			.22	.24					.13	.07	.17	.16	.16	T						4.32
Union City[1, 5]	Erie	.08			.01	.05	.03	.06	.20	.20	.43	.81	1.07			.20							.06	.12	.95	.03							4.30
Vandergrift[1]	W'moreland	.12			.10	T.		.08	.53	.08	*	.27	.09			.03	.08					.42	*	.65	.30			.17	.01				2.93
Warren[2]	Warren	.05	.20		T.	.10	.10		.27		.43	.07	.83	.83		T.	.56					T.	T.	.17	.25	.26	.10	T.					4.22
Youngsville[1, 5]	Warren	.29			.10	.20	.05	.13	.25	.21	.40	.83	.70			.37	.32				.04	.05	.14	.35	.40	.10							4.93
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	T.	.91	.01	T.	.07	.05		.48	.08	.03	T.	.21	.28			.07	.13	T.	.04		.14	T.	.31	.18	.53		.28	.61				4.41
Connellsville[2]	Fayette		.32		T.	.08	.04		.49	.09	.03		.50	.06			.31	.10	T.			.08	.15	1.34	.11	.57		.16	.20				4.63
Donora[1]	Washington	.24			.05	.01		.50	.39	.08	.02	.40	.28			.22	.02	.01			.02	.10	.01	1.13	.21	T.		.39					4.08
Greensboro[2]	Greene	T.	.53	.06	T.	.05	T.	T.	.42	.06	.06	.01	.82	.21			.12	.11	T.	.07		.06	.05	.60	.18	.38	T.	.31	.48				4.58
Greensburg, 2 S	W'moreland	.14	.11		.12	.02	T.	.03	.72	.15	.02	.39	.21			.12	.06	.07				.22	.01	.82	.20	T.		.37					3.78
Irwin	W'moreland	.11	.02		.10	.02	.03	T.	.82	.05	.04	.27	.32	.02		.08	.06	.05				.13	.02	.68	.21	.08		.39					3.50
Meyersdale[2]	Somerset		.01		.01	.09	.12	T.	.32	.03	.02	.01	.19	.10			.12	.11	T.	.05		.12		.38	.21	.68		.41	.48				3.46
Murrysville[1, 5]	W'moreland	.11			.08	.04		.57	.27		.08	.15	.12			.15	.10	.05				.08	.02	.90	.15			.31					3.18
Newell[7]	Fayette		.11		.36		.04		.81	.17		.11	.51			.12	.09	.02				.18		1.12	.32	.27		.41					4.64
Pittsburgh Arpt.[1, 5]	Allegheny	.15		T.	.09	.01	.01	.60	.24	.03	.05	.20	.08		T.	.17	.05	T.		.04		.10	.08	1.00	.03	.01		.30					3.24
Rices Landing[2]	Greene		.47			.07	.02		.50	.06	.05	.03	.48	.06			.24	.12		.02		.11	.13	.64	.19	.32		.24	.31				4.06
Somerset	Somerset	.19	.31		.06	.18	.07	.01	.46	.09		.25	.16	T.		.06	.15	.02				.32	.01	1.25	.69	.07		.74					5.09
Springs[6], 1 SW	Somerset	.32	.50		.08	.20	.03	.05	.34	.06	.04	.22	.24	.03		.11	.37	.15		.11	.03	.10	.05	.16	.76	.18		1.13					5.26
Uniontown	Fayette	.13	.33	T.	.06	.01	.02	.03	.57	.13	.02	.45	.31			.18	.03	.10				.20	T.	.36	.27	.17		.76					4.13
Waynesburg	Greene	.11	.25			.05	T.		.55	.08	.03	.44	.08	T.		.18	.11					.27		.18	.83			.57					3.73
BEAVER																																	
Beaver Falls[2]	Beaver	T	.13		T.	.04	.02	T.	.46	T.	.14	.01	.40	.39		T.	.26	.04	T.			T.	T.	.15	.42	.08	T.						2.54
Butler	Butler		.12		.12	.02	.03		.63	.15	.07	.40	.62				.62					.04			.82	.18				T.			3.82
Greenville	Mercer	.15	.01	T.	.05	.04	.03	.10	.23	.22	.37	.99	.48		T.	.17	.12	.04				.08	.06	*	.81	.04	T.						3.99
Jamestown[2], 2 NW	Mercer	.01	.44		.02	.07	.02		.38	.02	.44	.17	1.17	.18			.31	.03				.02	T.	.10	.15	1.28	.02						4.83
Mercer Arpt.[3], 2.5 NE	Mercer	.19	T.	.02	.06	.02	T.	.15	.15	.19	.19	.70	.52		.03	.36	.05	.01		T.		.04	.02	.31	.14	.04							3.19
New Castle, 1.5 N.	Lawrence	.05			.14				.40	.05	.18	.63	.46		T.	.04		.09				.05	.04	.48	1.28	T.	T.						3.89
Pennline, 2, 1 S	Crawford	.01	.23	T.	.03	.06	.01		.35		.68	.14	2.20	.23		T.	.24	.03				.11		.17	.32	1.09	.02						5.92
Sharon[2]	Mercer				.05	.09			T.		.32	*	.59	.21			.14	.02						.02	.20		T.						§§
OHIO																																	
Claysville[2]	Washington	T	.31		T.	.10	.02		1.39	.06	.08	.07	.39	.11			.18	.06				.20	.11	1.09	.63	.06		.28	.15				5.35
Coraopolis[2], 1 E.	Allegheny	T	.13		T.	.06	.02		.73	.10	.10	T.	.31	.13			.21	.05				.15	T.	.39	.85	.09	.10	T.	.03				3.45
Midland[2]	Beaver	T.	.02			.05	.05		.69	.07	.12	.05	.39	.50			.13	.10				.10	.11	.43	.62	.16							3.59
Mt. Lebanon[6]	Allegheny	.15			.10	.02	T.	.19	.75		T.	.24	.13			.13	.07			T.		.20	.05	1.25	.15	.03		.23					3.69
Washington[1, 5]	Washington	.34			.07		.02	.82	.29	.04	.09	.26	.15			.16				.02	.20	.06	1.31					.40					4.23
LAKE DRAINAGE																																	
Albion	Erie															30	.01	.01			.04	.17	.17	.64	.13	.01							§§
Erie[1, 5]	Erie	.01	T.	.03	.02	.17	.01	.14	.40	.21	.94	.47	1.14		T.	.30	.10	T.				.11	.18	.16	.46	.14	.05						5.04
Raymond[1, 5]	Potter	.31	.02		.12				.28	.20	.28	.53	.28								.09	.21	.25	.23	.06	.03	.04						2.91

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Boswell	formerly	Laurel Hill Summit
Dauphin	"	Peters Mountain Tower
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Williamsport 4 SE	"	Shaffers Path

Daily Temperatures for April 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	59	45	46	55	58	65	55	58	....	72	52	51	49	53	68	73	....	###
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	36	33	31	24	25	26	41	36	....	42	44	43	38	26	25	35	....	###
Allentown Arpt.[3-4] NE..	Maximum	50	49	44	44	37	47	65	68	70	72	49	54	57	62	48	49	55	62	66	72	52	56	45	46	61	66	51	64	72	78	....	57.0
	Minimum	27	32	27	26	27	24	35	45	40	40	33	37	33	29	37	37	37	35	33	36	42	41	39	39	45	47	42	35	36	40	....	35.9
Allentown /.	Maximum	51	49	46	44	39	48	66	68	70	72	51	56	57	63	44	52	56	60	65	72	51	55	44	50	61	65	52	61	70	77	....	57.2
	Minimum	28	31	28	29	25	25	28	39	41	44	37	39	35	31	34	36	38	35	34	38	42	41	40	39	42	46	47	37	34	39	....	36.1
Altoona-4.5 SW	Maximum	46	44	40	39	37	49	55	59	69	66	58	51	55	58	55	52	50	53	65	69	69	63	51	47	55	64	62	60	67	76	....	56.1
	Minimum	21	33	17	23	20	26	32	42	43	49	37	34	23	30	40	44	34	29	32	34	49	42	41	39	43	44	41	30	29	31	....	34.4
Arendtsville[6]	Maximum	51	48	47	41	39	50	63	68	74	72	56	64	59	64	52	65	57	54	60	68	57	52	48	51	63	71	55	60	70	80	....	58.6
	Minimum	25	41	29	29	25	27	35	44	47	50	41	40	35	32	41	41	41	35	35	36	48	43	42	41	48	43	43	38	40	38	....	38.4
Bethlehem[1]	Maximum	50	48	45	44	38	46	65	68	70	70	50	54	56	68	49	50	55	60	67	73	54	54	42	47	60	65	51	60	71	77	....	56.7
	Minimum	32	35	28	30	25	27	38	48	46	44	40	35	35	32	36	37	38	38	39	42	42	41	39	39	46	48	45	38	40	46	....	38 3
Bradford-4 W	Maximum	46	46	32	32	32	44	58	53	59	58	41	45	48	50	59	59	45	57	62	65	65	51	47	58	58	50	52	55	66	72	....	52.2
	Minimum	10	29	13	14	13	24	28	38	33	40	29	32	20	20	34	35	32	27	27	21	45	42	44	40	40	41	36	24	21	29	....	29.4
Brookville[3]	Maximum	45	44	35	31	32	48	60	57	63	58	49	51	52	56	59	49	48	55	67	70	67	56	49	62	49	55	56	59	69	75	....	54 2
	Minimum	20	23	15	17	15	27	36	42	37	36	36	30	25	24	42	34	28	24	26	28	38	45	43	43	43	39	31	25	24	28	....	30.8
Burnt Cabins[1-2] NE	Maximum	48	48	44	34	38	50	64	67	75	69	49	59	60	65	53	61	54	59	68	70	69	52	48	47	58	72	53	60	70	80	..	58 1
	Minimum	22	32	21	26	22	28	35	46	44	49	40	37	32	28	41	43	40	29	34	32	49	44	41	42	45	42	37	28	26	32	....	35.6
Butler	Maximum	41	45	52	38	31	38	58	56	51	66	59	60	52	55	70	65	65	51	63	69	72	67	67	67	69	55	61	61	63	77	....	58.1
	Minimum	26	26	17	25	18	25	37	46	42	40	36	34	28	29	40	40	34	27	29	29	52	38	45	48	45	44	45	28	33	35	....	34.7
Carlisle	Maximum	45	45	48	45	40	52	65	71	73	74	62	63	60	62	56	64	60	61	65	72	65	53	51	48	64	70	65	62	70	80	....	60 3
	Minimum	23	25	25	28	22	22	35	45	42	48	40	39	32	38	35	43	40	33	34	32	47	41	40	39	42	40	45	33	30	35	....	35.8
Chambersburg[6-1] SW..	Maximum	47	49	47	42	38	52	63	71	75	74	55	63	60	65	51	67	57	57	64	72	62	59	49	47	63	73	59	63	73	79	....	59.9
	Minimum	27	39	26	29	26	30	36	44	47	50	41	40	35	32	41	41	42	32	35	36	48	44	42	41	43	42	45	32	30	36	....	37.7
Clarion[6-3] SW	Maximum	48	44	37	33	34	51	60	58	64	58	52	53	58	55	61	51	50	57	70	70	67	57	52	65	57	55	60	59	71	76	....	55.9
	Minimum	21	25	14	19	8	28	26	43	37	43	36	34	24	25	40	37	33	24	27	27	49	38	46	45	44	38	40	29	22	28	....	31.7
Claysville /.	Maximum	55	44	40	34	32	53	58	61	73	61	61	55	55	62	70	50	51	57	65	70	67	70	65	71	50	66	58	58	69	75	....	58.5
	Minimum	22	34	18	18	19	18	31	42	44	51	44	46	21	25	40	45	34	31	33	31	33	39	44	53	46	39	40	26	25	27	....	34.0
Coatesville[6]	Maximum	56	51	45	48	37	48	67	73	74	77	56	65	58	65	58	64	59	59	63	71	54	55	49	49	63	70	56	60	69	77	....	59.9
	Minimum	27	40	30	24	25	26	36	45	52	52	37	40	34	32	38	39	43	36	36	38	46	41	41	41	48	42	47	48	37	40	....	38.7
Columbia[6]	Maximum	52	52	48	48	42	51	66	70	78	74	68	65	64	66	62	65	64	60	65	71	69	55	53	50	65	72	64	61	73	80	....	62.4
	Minimum	25	40	30	29	28	27	33	47	44	55	40	41	36	30	43	41	44	37	35	37	47	42	42	42	46	40	44	37	35	38	....	38.5
Coudersport.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Curwensville[3-6] NW....	Maximum	41	41	34	29	29	44	56	52	63	56	40	46	50	54	52	53	47	53	64	66	62	50	42	52	46	57	52	54	66	73	....	50 8
	Minimum	18	16	15	17	15	23	34	40	40	34	32	26	23	26	39	32	27	25	34	39	42	42	37	38	40	37	29	27	34	39	....	30.7
Derry[6]	Maximum	53	52	39	34	34	52	61	62	71	68	58	57	56	60	68	65	52	56	69	76	70	64	59	70	60	66	65	61	68	76	....	60.1
	Minimum	25	32	29	27	21	29	39	48	48	54	41	36	37	33	49	39	35	29	36	32	53	43	48	50	46	48	46	27	28	32	....	38 0
Donegal[1]	Maximum	43	46	35	32	30	48	59	59	74	62	54	55	54	59	61	55	48	59	65	75	67	62	59	63	52	64	51	57	67	73	....	56.2
	Minimum	22	24	21	21	18	25	33	44	44	45	38	33	23	27	46	36	32	26	37	31	45	38	45	46	43	42	40	25	26	29	....	33 5
Donora[1]	Maximum	55	47	42	34	33	55	59	63	74	65	64	56	60	63	74	58	53	58	70	75	72	74	65	65	52	70	61	63	72	80	....	61.1
	Minimum	30	37	24	28	23	31	40	49	50	50	46	38	30	35	50	42	40	34	39	37	55	44	52	52	48	49	48	38	33	38	....	40.3
Eagles Mere /.	Maximum	33	43	35	36	34	42	60	57	61	55	40	42	51	55	45	45	52	57	65	66	44	46	40	50	49	53	43	52	68	76	....	49 8
	Minimum	20	22	16	16	15	15	16	34	40	43	28	31	24	28	26	35	30	28	29	36	41	35	35	34	37	39	39	29	29	33	....	29.3
East Waterford[6-3] E....	Maximum	40	43	40	34	30	43	61	62	66	61	53	49	51	59	51	55	48	54	63	65	57	46	43	47	54	62	58	55	65	76	....	53.0
	Minimum	27	32	19	24	18	23	39	42	49	53	34	32	28	36	39	39	33	31	40	45	43	38	36	36	42	43	39	32	36	49	....	35.9
Ebensburg /.	Maximum	36	41	35	28	26	46	57	55	68	59	45	51	51	55	54	50	46	53	63	70	65	58	45	55	45	60	56	56	65	71	....	52.2
	Minimum	21	22	17	19	17	17	26	41	41	47	36	35	24	23	38	43	32	26	26	33	36	41	41	41	42	40	41	28	27	31	....	31.7
Emporium /-1 E.	Maximum	43	45	41	37	35	48	68	57	69	59	....	50	57	59	59	58	58	64	72	73	57	53	49	60	53	54	59	61	71	81	....	56.9[a]
	Minimum	19	25	17	17	7	9	24	34	36	38	30	....	28	20	25	42	34	21	23	24	30	46	45	41	43	45	37	22	22	27	....	28.7[a]
Ephrata	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Erie[1]	Maximum	52	36	34	35	33	49	53	51	61	57	50	41	46	42	44	36	43	48	57	56	49	53	56	71	51	48	46	51	59	71	....	49.3
	Minimum	31	28	26	25	24	29	43	36	37	37	36	34	34	34	34	34	34	32	35	40	38	39	46	49	43	42	38	36	36	46	....	35.9
Everett[1-0.5] SW	Maximum	48	48	41	38	33	50	54	65	72	67	48	54	58	65	55	59	53	55	64	70	70	70	48	52	57	67	55	61	68	78	....	57.4
	Minimum	23	30	23	24	24	30	36	44	40	48	40	38	31	26	38	44	38	29	35	32	45	35	44	42	48	45	40	35	28	30	....	35.5
Ford City[6-4] S	Maximum	54	54	40	36	30	54	59	61	67	62	59	56	55	57	64	58	51	52	64	70	64	70	56	68	60	63	61	61	69	77	..	58.4
	Minimum	33	27	17	24	15	21	35	43	38	47	37	34	24	26	44	36	32	26	29	29	50	36	45	45	43	43	41	25	26	29	....	33.3
Franklin /.	Maximum	50	40	37	33	33	53	61	58	63	57	53	53	52	53	61	46	48	58	66	69	63	58	54	65	48	54	58	57	70	76	....	54.9
	Minimum	24	27	18	19	19	21	31	32	40	42	39	40	26	26	28	43	34	27	27	29	29	40	44	47	46	43	42	28	26	30	....	32.2
Fredericksville-6 S.	Maximum	52	47	44	42	38	45	63	68	70	70	55	57	55	62	58	56	56	59	65	69	64	52	48	46	60	64	59	57	68	75	....	57.5
	Minimum	20	35	26	22	33	20	28	45	40	50	35	37	32	25	35	35	38	29	30	31	43	39	39	38	44	38	45	34	30	29	....	34.2
Freeland	Maximum	37	41	40	38	33	39	58	56	62	62	45	47	50	54	51	50	50	54	62	65	61	47	47	45	46	55	52	52	66	71	..	51.2
	Minimum	23	34	19	23	19	18	33	41	42	45	32	32	26	25	33	34	31	30	34	39	39	34	34	32	43	41	39	30	35	42	....	32.7
George School[6]	Maximum	55	54	48	42	36	48	66	72	68	76	52	64	58	65	56	52	58	60	63	70	58	55	48	49	64	67	53	62	72	76	....	58.9
	Minimum	28	40	31	24	27	24	38	46	44	46	37	40	34	30	38	37	39	39	36	36	42	44	40	41	46	44	46	38	36	43	..	37 8
Gettysburg	Maximum	48	50	45	44	38	52	63	72	75	74	69	65	58	66	63	61	62	57	61	70	67	57	53	47	65	71	71	61	70	80	....	61.3
	Minimum	27	42	29	30	25	30	36	46	48	54	42	42	34	33	43	42	44	36	38	39	49	44	44	33	37	45	46	38	36	39	....	39.0
Gordon	Maximum	43	44	43	39	36	45	63	64	67	67	53	54	56	60	56	54	54	59	66	69	63	49	48	46	56	62	58	56	68	77	....	55.8
	Minimum	20	35	23	25	23	14	26	42	35	53	34	38	32	25	38	38	35	30	28	31	33	34	38	39	46	49	43	32	27	30	....	33.2
Greensburg-2 S	Maximum	54	53	40	37	33	53	62	61	72	71	60	60	55	60	68	68	51	56	67	74	70	67	63	68	66	65	62	60	68	75	....	60.6
	Minimum	18	35	21	25	20	28	24	47	42	49	44	37	22	24	39	41	36	26	32	27	51	35	49	51	47	41	46	23	23	27	....	34.3
Hanover /.	Maximum	52	49	46	44	37	50	64	70	76	76	49	66	59	65	54	64	57	57	60	71	59	54	52	54	65	71	50	61	68	77	....	59.2
	Minimum	30	36	29	29	25	26	32	42	50	60	41	42	34	37	44	41	44	35	38	41	43	43	43	42	43	44	47	38	37	40	....	39.2
Harrisburg Arpt. [1-3.5] S.	Maximum	50	49	45	44	39	52	65	69	72	72	48	61	59	64	50	64	55	56	65	72	55	53	47	50	60	67	53	59	70	80	....	58.2
	Minimum	29	38	28	30	27	29	40	47	46	46	42	41	36	35	41	41	42	38	38	41	46	43	42	42	47	44	45	41	39	43	....	39.6
Hawley[6-0.5] E	Maximum	46	47	41	39	36	44	62	60	68	68	46	48	52	56	46	47	53	60	67	72	62	51	48	45	58	55	56	60	70	75	....	54.6
	Minimum	20	31	20	22	24	12	31	41	35	44	28	34	29	22	33	33	35	27	23	26	41	38	38	36	42	41	37	26	27	31	....	30.9
Holtwood[1]	Maximum	52	47	44	45	37	51	64	68	71	72	52	64	59	62	50	61	55	56	66	66	55	54	49	50	62	64	57	59	67	75	..	57.6
	Minimum	30	41	34	32	29	31	37	46	46	50	42	44	39	37	43	43	46	39	40	41	48	45	45	46	49	44	48	41	44	45	....	41.5
Huntingdon[6]	Maximum	50	51	44	40	39	52	66	64	70	78	64	51	58	62	54	60	56	56	68	72	64	56	52	50	58	67	60	62	71	80	....	59 2
	Minimum	20	37	19	24	24	29	40	44	41	41	39	39	32	26	36	45	39	29	32	35	49	47	43	41	46	41	46	27	25	30	....	35.5
Indiana	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Irwin	Maximum	52	52	43	40	34	54	59	60	72	72	60	58	56	59	70	70	50	57	67	73	71	68	64	64	64	63	63	61	67	76	..	60.6
	Minimum	26	33	20	26	20	23	32	45	47	54	42	35	27	29	43	39	34	28	34	30	51	38	47	50	45	44	44	28	26	30	....	35.7
Jamestown /-2 NW	Maximum	52	48	41	30	33	62	58	63	60	48	59	40	50	50	62	38	47	64	49	66	61	67	60	70	47	52	59	53	64	59	..	53 7
	Minimum	21	21	15	18	17	21	29	38	39	44	36	34	22	24	28	32	29	23	26	25	31	39	40	46	43	40	38	27	23	31	....	30.0
Johnstown[6-0.5] W	Maximum	50	49	37	35	30	50	61	57	71	68	56	55	55	57	58	55	50	51	68	72	69	55	50	58	57	66	58	58	69	75	..	56.7
	Minimum	25	33	20	23	20	26	30	44	42	51	38	34	28	30	41	40	33	29	36	33	54	43	44	43	45	45	43	32	28	32	....	35.5
Kane[1-1] N	Maximum	39	38	34	33	31	47	57	53	61	58	42	46	52	52	58	43	48	58	64	63	60	52	48	58	49	53	52	54	67	74	....	51.5
	Minimum	14	24	10	8	10	32	29	31	32	30	28	28	16	19	34	32	25	18	20	21	40	44	40	39	40	36	26	17	18	23	..	26 1

Continued on page 31.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Lancaster	Maximum	51	60	49	48	45	50	68	72	75	75	68	66	64	66	64	64	64	60	64	70	68	55	52	50	65	71	76	63	72	80		62.7
	Minimum	24	37	29	26	25	25	32	45	41	55	37	41	33	28	41	40	43	32	33	33	47	42	42	42	46	37	47	35	30	33		36.7
Lawrenceville	Maximum	40	46	38	39	34	47	63	59	65	62	42	45	53	52	52	52	57	58	66	67	62	52	51	53	53	53	52	52	68	77		54.7
	Minimum	26	26	22	19	17	23	26	43	37	40	31	35	28	21	32	39	35	25	25	27	41	42	41	41	46	42	41	28	25	31		31.9
Lebanon	Maximum	49	46	45	46	38	50	66	66	73	72	48	58	59	64	52	62	56	61	65	70	51	54	44	51	60	68	55	59	71	78		57 9
	Minimum	26	32	28	29	26	24	31	40	45	47	39	40	34	31	37	39	39	35	36	39	44	42	41	41	41	40	47	38	36	38		36.8
Lewistown 2 SW	Maximum	46	52	46	44	39	54	68	63	68	70	47	50	60	65	55	66	57	58	68	72	55	52	46	54	59	68	57	62	71	81		58.4
	Minimum	25	28																						39								
Lock Haven[6]	Maximum	40	52	46	42	38	50	67	61	67	65	47	49	57	62	51	62	57	63	71	72	68	53	51	52	55	65	56	61	74	81		57.8
	Minimum	19	33	20	27	17	25	31	44	40	46	35	39	32	28	41	40	39	29	31	35	48	45	42	42	47	47	43	32	30	35		35 4
Marcus Hook[1]	Maximum	58	60	47	49	41	51	71	77	73	80	56	69	60	69	55	57	59	64	66	73	58	56	58	54	68	70	59	62	71	81		62.2
	Minimum	45	42	33	33	29	31	42	51	52	48	43	43	39	43	41	41	45	41	43	45	46	43	43	44	51	50	49	42	43	49		42.7
Martinsburg[6]	Maximum	47	45	39	33	30	47	58	60	68	61	44	53	54	58	51	54	49	63	64	69	68	52	45	52	51	62	52	59	67	74		54.3
	Minimum	26	25	21	23	21	28	39	44	46	41	38	33	30	34	42	38	32	40	37	38	48	45	40	41	46	46	35	32	32	39		35.6
Mauch Chunk-1 SW	Maximum	42	47		42	41	42		64	65	69	50	50	56	60	51	42	54	56	62	68	68	52	52	52		62	60	57	69				55.1[6]
	Minimum	20		25	19	24	18	25		35	43	32	38	31	24	35	36	37	28	26	28	43	10	35	38		42	44	36	33	30		32.1[6]
Meadville 1 S	Maximum	52	38	36	32	33	52	59	55	60	58	53	46	51	50	59	37	47	57	60	67	60	58	57	69	46	51	55	53	68	75		53.0
	Minimum	20	24	16	20	12	22	29	40	36	44	37	36	26	20	31	34	32	24	26	26	30	39	48	47	45	44	39	25	23	30		30 8
Mercer[3-2 5 NE	Maximum	54	37	38	31	31	50	58	56	60	55	58	51	51	54	60	51	46	53	62	68	61	61	60	69	51	52	57	56	65	73		54.3
	Minimum	25	25	16	18	17	28	33	42	42	38	33	28	26	29	39	32	24	25	32	33	38	41	45	48	42	38	32	27	28	39		32 1
Middletown[1-1.5 W	Maximum	50	50	45	44	38	50	64	69	72	70	53	61	57	64	51	63	55	58	62	70	56	55	48	50	61	67	55	59	69	79		58.1
	Minimum	30	37	29	29	27	29	41	46	44	41	41	36	34	41	41	43	38	39	40	45	44	43	43	43	47	40	42	40	32	39		38.8
Midland[1]	Maximum	56	47	38	35	36	54	58	62	68	59	65	59	48	60	70	52	50	54	66	72	66	72	65	73	54	62	60	59	69	66		58.5
	Minimum	29	28	24	27	21	32	35	46	43	46	41	37	30	35	46	37	36	34	34	34	50	42	50	52	44	45	43	34	31	35		37.4
Montrose 3 E	Maximum	38	42	35	37	33	45	59	54	61	55	43	44	48	49	47	45	50	53	61	67	43	46	39	46	53	49	50	52	64	73		49.4
	Minimum	21	23	18	18	21	18	22	35	37	39	28	31	25	22	25	34	29	29	29	32	39	36	36	34	36	41	39	24	32	36		29 8
Mt. Lebanon[6]	Maximum	56	46	39	32	32	55	61	63	70	60	60	57	56	61	70	53	52	55	66	70	69	67	61	68	53	64	58	59	67	78		58.6
	Minimum	24	28	27	25	17	28	35	47	50	48	45	35	25	35	47	37	34	31	38	38	52	42	49	51	45	43	44	35	36	36		37 4
Mt. Pocono[3-2 N	Maximum	41	41	36	36	31	37	57	57	62	63	42	47	48	55	42	45	49	54	63	66	49	50	38	46	52	53	54	53	64	73		50.1
	Minimum	18	23	16	20	19	16	32	41	39	36	32	31	26	19	31	31	30	30	29	30	35	34	34	34	41	35	35	31	30	37		29 8
New Bloomfield	Maximum	44	46	47	44	38	49	66	66	71	64	62	59	58	63	58	66	60	60	65	70	67	52	51	46	60	68	68	62	70	80		59.3
	Minimum	21	37	24	25	23	25	28	43	40	45	37	38	31	26	40	40	40	31	32	34	46	42	40	39	44	39	44	31	27	32		34 8
Newburg[1-3.5 NW	Maximum	50	48	44	40	42	59	64	68	74	62	48	60	54	52	50	62	55	57	65	70	57	55	47	54	60	68	56	60	68	75		57.2
	Minimum	25	34	28	28	26	28	35	46	46	46	38	40	34	44	42	42	41	34	32	38	46	42	41	41	46	41	44	38	34	40		38 1
New Castle-1.5 N	Maximum	58	58	39	38	36	56	65	63	62	57	57	62	53	57	67	65	52	55	66	71	65	67	68	67	54	58	61	58	69	76		59 2
	Minimum	28	23	19	24	17	31	34	46	42	50	39	36	25	30	43	38	34	28	29	29	46	41	49	40	45	41	43	28	27	31		34 5
Palmerton[1]	Maximum	49	47	44	43	37	45	60	61	61	68	48	52	55	57	48	50	51	60	65	69	53	55	46	47	60	63	56	59	71	78		55 4
	Minimum	26	35	28	27	26	20	31	47	41	41	35	39	35	29	37	38	39	34	31	33	42	40	39	40	47	48	44	34	32	35		35 8
Park Place[3-1 NW	Maximum	40	40	37	36	29	38	57	58	63	61	40	48	50	54	41	50	49	52	62	64	46	36	39	49	52	56	47	51	63	71		49 3
	Minimum	23	25	18	23	19	19	37	42	47	33	32	31	27	27	33	34	32	30	36	43	36	34	34	35	42	41	34	32	34	48		32 7
Philadelphia Arpt [1]	Maximum	54	56	46	46	38	48	66	74	73	75	54	67	58	66	49	56	58	58	59	70	52	55	45	52	64	68	55	60	70	77		58 9
	Minimum	29	39	32	29	27	28	37	48	48	45	42	42	37	38	41	4	43	39	38	36	44	42	42	43	48	46	47	41	41	46		39 9
Philadelphia C.O.[1]	Maximum	54	55	46	45	39	47	65	72	72	74	51	63	57	64	55	56	57	58	59	69	53	53	45	49	64	68	54	63	70	77		58 5
	Minimum	35	41	33	33	27	31	39	51	54	46	41	41	39	41	40	40	43	41	47	46	44	42	42	43	48	50	47	42	44	51		42 0
Phila. Shawmont	Maximum	53	53	45	45	44	48	66	72	72	75	67	66	64	64	62	69	60	58	63	70	71	55	53	50	62	68	67	60	67	77		61 5
	Minimum	28	39	32	25	28	28	36	47	45	51	37	42	38	31	41	40	43	37	35	37	38	43	43	43	48	40	48	38	37	37		38 5
Philipsburg[3-7 E	Maximum	44	43	36	34	28	44	58	54	65	60	40	47	51	55	48	57	49	53	65	65	56	47	43	49	49	59	52	56	67	74		51 6
	Minimum	14	19	11	17	15	24	37	34	32	34	32	28	24	21	40	34	27	26	26	26	43	41	37	38	41	40	30	25	23	25		28 8
Phoenixville[6-1.5 SE	Maximum	56	58	54	54	50	50	70	75	78	79	67	67	61	66	59	61	60	62	66	73	69	55	61	50	67	71	74	69	77	79		64 6
	Minimum	24	24	30	21	27	21	35	47	41	51	33	41	34	27	39	38	41	34	31	34	45	42	42	42	48	39	46	34	41	34		36 2
Pittsburgh Arpt Sta.[1]	Maximum	55	45	38	32	31	53	60	61	70	62	60	57	55	60	69	54	50	54	67	72	67	67	61	66	51	64	58	59	68	76		58 1
	Minimum	30	25	22	25	19	29	40	48	51	45	42	33	29	40	48	37	34	34	39	44	49	46	48	51	45	47	42	35	38	44		38 6
Pittsburgh City Office[1]	Maximum	56	45	40	35	34	55	61	63	71	62	62	59	57	61	70	55	51	57	68	72	68	68	63	69	53	65	61	60	68	79		59 6
	Minimum	35	28	26	27	23	32	43	51	50	47	44	37	33	40	49	39	36	37	41	40	51	46	51	53	48	51	42	38	37	40		40 5
Port Clinton/	Maximum	38	48	42	42	45	46	63	66	68	69	66	55	56	52	48	54	54	58	62	68	63	69	53	65	61	60	68	79				56 1
	Minimum	26	28	23	25	24	25	29	45	38	42	34	39	34	28	40	40	45	31	31	34	40	38	40	39	42	42	45	36	32	33		34 9
Putneyville-2.5 SE	Maximum	52	58	40	35	37	52	61	60	65	64	56	54	55	56	60	56	51	55	68	70	70	59	58	66	56	59	59	60	68	77		57 9
	Minimum	21	26	15	21	13	24	34	40	35	46	38	30	23	25	39	37	30	23	25	26	45	35	41	40	43	38	38	23	22	27		30 8
Quakertown-0.5 E	Maximum	51	49	44	43	39	46	64	68	67	72	61	54	56	62	59	52	65	60	63	70	65	54	53	46	60	65	60	59	68	75		58 5
	Minimum	24	31	26	21	24	22	32	44	36	48	31	37	32	25	35	34	36	33	29	30	41	38	37	37	44	43	44	35	35	34		33 9
Reading[1]	Maximum	51	50	45	46	38	48	65	69	70	72	50	60	59	64	52	60	56	60	65	72	55	54	47	49	61	68	54	62	71	78		58 4
	Minimum	32	37	30	31	26	28	41	49	48	44	41	40	36	36	39	39	43	39	39	42	44	42	41	41	47	48	46	40	40	44		39 8
Ridgway /	Maximum	43	41	38	32	33	49	62	56	63	58	45	51	54	55	60	51	51	61	70	72	65	54	46	60	56	63	56	59	72	77		55 2
	Minimum	15	19	15	15	8	15	27	29	35	36	31	35	20	20	21	41	33	20	22	24	26	46	46	41	43	43	34	17	19	21		27 2
Scranton[1]	Maximum	44	44	40	41	36	45	64	61	68	65	47	50	52	55	45	49	52	57	66	71	58	52	46	47	56	54	54	57	68	76		54 0
	Minimum	29	30	25	27	25	26	35	48	42	41	35	36	33	30	36	37	36	35	32	35	42	41	40	40	45	46	43	36	35	38		36 0
Selinsgrove	Maximum	44	50	49	43	40	49	66	63	70	70	53	56	57	62	59	60	61	60	60	70	66	55	52	50	57	64	62	65	70	78		58 7
	Minimum	24	37	24	25	22	24	32	31	30	51	36	40	36	28	42	40	40	32	33	36	48	43	41	39	43	43	45	29	33	33		35 3
Sharon	Maximum	59	59	40	39	37	58	59	55	61	61	60	60	55	57	68	66	51	57	68	73	72	67	66	72	64	60	62	59	72	81		60 6
	Minimum	32	30	25	27	23	34	41	50	48	49	40	38	31	36	48	40	35	32	37	34	45	46	53	53	50	46	43	33	31	37		38 9
Somerset	Maximum	47	47	38	34	28	47	58	61	69	67	60	53	52	57	60	59	49	51	66	68	67	61	49	65	65	66	60	56	67	73		56 7
	Minimum	19	32	15	19	18	24	29	42	38	48	38	33	27	26	42	41	33	27	31	28	51	35	44	43	42	43	42	24	22	26		32 7
Springs[6-1 SW	Maximum	41	44	35	30	23	45	56	58	68	61	52	54	51	56	59	54	46	47	59	66	66	55	47	62	54	63	55	53	63	71		53 2
	Minimum	18	32	18	18	18	23	37	39	42	45	37	31	24	26	39	40	32	29	31	32	50	36	42	42	43	43	41	30	25	30		33 1
State College[1]	Maximum	45	47	40	40	33	48	64	58	69	64	45	49	54	58	52	59	51	56	67	69	59	50	47	51	52	63	54	58	70	77		55 0
	Minimum	27	27	21	25	21	28	41	45	44	42	37	34	34	36	43	41	36	31	37	43	46	43	40	40	46	43	39	34	32	38		36 3
Stroudsburg-2 E	Maximum	50	51	49	46	43	44	63	66	69	70	67	46	57	62	62	50	55	50	55	63	67	72	72	56	55	47	62	61	60	62	72	59 3
	Minimum	22	31	24	24	28	14	27	43	36	45	32	38	33	25	37	35	37	31	27	30	45	40	40	39	44	43	43	31	31	35		33 7
Tamarack /-2 S	Maximum	39	43	37	30	34	42	58	50	60	53	39	45	50	55	50	58	49	57	65	67	48	43	39	47	45	50	50	53	68	76		50 0
	Minimum	20	21	15	15	12	13	22	35	41	43	32	30	24	24	22	33	30	26	26	35	39	39	38	35	36	39	39	29	29	30		29 1
Tionesta[6-1.5 SE	Maximum	47	43	34	32	34	52	60	56	64	59	51	56	53	54	64	50	51	60	68	72	70	57	53	66	55	53	59	58	70	75		55 9
	Minimum	18	24	14	21	17	22	25	42	37	43	33	34	23	27	36	32	24	28	25	20	37	42	46	44	46	43	37	24	23	31		30 6
Titusville-2 S	Maximum	47	44	35	33	31	49	60	55	59	55	45	50	50	51	62	60	46	58	64	69	66	56	51	65	59	51	58	56	67	75		54 2
	Minimum	20	24	14	19	15	26	35	43	38	41	33	32	22	22	39	35	31	22	26	26	49	37	45	43	42	42	39	23	23	28		31 1
Towanda[6-1 E	Maximum	42	49	41	43	38	48	64	61	68	63	43	51	55	56	48	56	56	60	66	68	64	50	49	51	56	55	53	55	69	77		55 2
	Minimum	27	33	22	20	20	23	27	44	39	41	31	36	30	22	36	34	36	28	26	28	45	41	40	39	43	44	43	31	29	32		33 0
Uniontown	Maximum	53	52	45	39	33	55	62	66	74	74	64	63	59	62	70	69	53	56	66	75	73	70	72	70	67	70	66	61	70	78		62 9
	Minimum	27	35	24	29	23	29	39	47	51	55	45	38	27	33	52	45	37	35	43	37	53	45	51	53	49	47	48	30	31	35		39 8
Vandergrift[1]	Maximum	54	51	42	36	38	55	62	68	68	69	60	57	59	59	68	55	55	54	70	75	70	69	61	70	58	66	62	64	70	80		60 8
	Minimum	29	29	23	28	22	31	38	49	44	48	42	39	29	31	47	40	36	31	35	32	53	43	49	51	47	46	46	30	30	34		37 7

Continued on page 32.

Daily Temperatures for April 1944—Continued from page 31.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren[6]	Maximum	42	41	34	29	31	47	56	54	58	52	41	45	50	50	62	47	47	51	64	67	61	52	47	62	54	51	55	55	67	74	....	51.5
	Minimum	21	26	16	21	18	26	30	44	36	40	32	32	23	24	37	33	33	25	24	27	50	45	43	43	42	42	36	24	24	29	....	31.5
Waynesburg	Maximum	55	54	43	39	31	54	59	64	78	71	61	59	56	63	70	69	52	56	68	73	69	71	68	67	63	68	65	59	68	76	....	61.5
	Minimum	23	34	23	26	19	28	38	45	48	53	44	35	26	31	44	42	34	32	37	32	51	39	49	53	46	44	45	30	26	30	....	36.9
Wellsboro/	Maximum	40	41	40	37	30	45	60	56	64	56	41	42	53	54	49	53	52	53	65	66	50	48	43	52	50	53	50	53	68	72	..	51.2
	Minimum	22	25	16	9	7	6	22	33	33	34	27	30	26	20	22	34	33	23	22	24	25	40	40	38	40	43	37	31	23	27	...	27.1
West Chester	Maximum	55	51	46	46	40	47	67	72	74	75	65	65	58	65	60	62	57	58	63	71	53	52	51	50	62	69	64	62	69	77	....	60.2
	Minimum	27	39	29	27	25	25	35	46	49	55	38	40	34	35	38	38	42	35	38	41	38	40	41	41	46	41	46	37	37	41	....	38.1
Wilkes-Barre[3]	Maximum	44	48	42	43	37	47	64	63	70	66	47	52	56	59	47	51	54	58	67	72	50	53	50	49	58	57	55	58	69	78	....	55.5
	Minimum	23	28	20	25	25	24	31	41	52	33	33	36	31	24	36	36	35	30	30	31	41	40	39	40	43	43	40	33	29	35	..	33.6
Williamsport	Maximum	42	55	48	42	41	49	68	64	69	67	53	48	60	61	58	54	58	63	69	71	69	52	52	50	57	64	60	60	74	81		58.6
	Minimum	23	32	22	26	20	24	27	44	39	50	34	39	31	27	41	39	38	30	30	31	46	42	41	39	44	46	44	31	31	35	....	35.0
Williamstown	Maximum	43	47	45	43	39	47	65	65	71	70	62	55	66	61	59	61	61	56	65	69	67	54	50	47	56	64	63	58	68	76	....	58.4
	Minimum	21	36	25	25	23	26	28	44	39	53	37	37	33	27	38	39	39	32	33	33	45	40	40	37	45	44	45	37	33	31	....	35.5
Woodward[3-2 NE.	Maximum	40	45	37	34	30	41	60	54	64	58	38	42	50	56	42	56	48	54	62	64	47	43	38	46	49	61	47	52	65	75	...	49 9
	Minimum	23	21	17	21	16	22	37	40	46	32	32	28	26	30	38	34	27	28	38	41	41	37	35	35	40	40	33	31	36	46	....	32.4
York-3 SW	Maximum	52	50	47	47	40	51	65	70	78	75	69	66	64	65	61	66	62	56	62	72	69	57	54	50	65	71	71	62	71	79	....	62.2
	Minimum	26	39	30	27	28	28	35	46	45	58	39	42	35	30	43	41	44	32	35	34	49	43	43	43	45	40	42	33	30	36	....	38.0

[See page 29 for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.55	29	29.44	12	8.0	31	se.	23	84	71	76	42	671
Harrisburg	30.46	29	29.39	12	9.1	30	nw.	12	74	58	64	47	484
Philadelphia	30.42	29	29.37	12	10.6	41	se.	11	76	53	63	49	440
Philipsburg	30.49	29	29.41	12	11.3	30[a]	se	25	82	64	71	....	738
Pittsburgh	30.52	29	29.35	12	11.1	35	s.	11	76	55	57	48	502
Reading	30.45	29	29.38	12	12.2	52	e.	11	65	50	45‡	52	473
Scranton	30.48	29	29.35	12	6.5	25	nw	12	83	67†	...	42	604

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.8	7.2	25	3.6	7	18
Easton	Delaware	6.5	12.4	25	4.6	7	22
Lehighton	Lehigh	4.6	6.7	25	4.1	6	9
Reading	Schuylkill	6.1	10.2	25	5.0	14	13
Wilkes Barre	N. Br. Susquehanna	9.2	14.0	25	6.0	8	22
Williamsport	W. Br. Susquehanna	6.1	9.2	13	4.1	8	20
Newport	Juniata	6.2	11.8	25	4.9	9†	22
Harrisburg	Susquehanna	5.9	9.1	26	4.7	9†	17
Schenley, (nr) Lock No. 5.	Allegheny	17.0	22.2	13	14.7	7	24
Sutersville	Youghiogheny	6.5	9.3	28	5.2	23	20
Charleroi (nr.), Lock No. 4	Monongahela	15.9	20.2	13	13.5	1	30
Pittsburgh	Ohio	*	19.6	13	*	.....	25
Midland, Dam No. 7	Ohio	16.4	25.8	13	*	.....	30

* Pool stage. † On other days also.

W. B. O., Philadelphia—6-12-44-975.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLIX. MAY 1944. No. 5.

GENERAL SUMMARY.

This was the warmest May in the period of record. The average temperature, 65.6°, exceeded by 0.2° the previous high mark which was established in 1896. At Harrisburg, Reading, Scranton, and State College, it was the warmest May of 44 to 58 years of record but in the longer records available at Erie, Philadelphia, and Pittsburgh, it was the second or third warmest. The deficiency of the two preceding months was overcome and the average spring temperature was about normal. The average daily deficiency accumulated through the first four months was wiped out and there is now an average daily excess of 0.6° for the year.

Precipitation was above normal for the third month and a surplus of 0.33 inch has been accumulated since January 1, in contrast to the deficiency of 1.85 inches reported at the beginning of March. Only a few areas, the largest of which was in the east and southeast, had deficient precipitation in May. Greatest surpluses were reported in the central portion. Heavy rain occurred on a number of days. The storm of the 6-7th produced greatest 24-hour measurements at most stations and amounts were excessive in the Susquehanna Valley, within a rather narrow belt extending from Harrisburg to Montrose. Two women drowned in the Youghiogheny River, near Pittsburgh, when a skiff sank during a severe rainstorm on the 24th. Repeated storms caused a landslide, on the 23d near Oil City, which buried 200 yards of highway under 5 feet of earth and rocks. Minor flooding occurred in all sections at some period during the month. The greatest damage occurred in the Claysville area on the 20th when 1.85 inches fell in an hour.

Thunderstorms occurred with unusual frequency and were reported on all but 5 days. They were most widespread on the 13th, 23d, and 27th. Three people suffered shock when struck by lightning, two at Loysville on the 16th and one at Harrisburg on the 23d. Property damage, caused by wind and lightning, was general throughout the month. Hail was most general in the storms of the 7th, 13th, and 27th.

Forest fires, prevalent at the close of April, continued until the heavy rain of the 6-7th. Subsequent rains, absorbed by the forests, resulted in a steady decline in the number of fires until complete control was established by the 19th. Fires were fewer and damage less than in former years due to the wet spring. This condition counterbalanced the shortage of experienced fire fighters.

Weather during the past spring has presented many obstacles to agriculture. March and April, which were consistently cool and wet, gave way to an extremely warm May, which was more favorable for plant growth, but the continued wet weather further delayed planting and favored the growth of weeds. Heavy showers eroded fields, caused some lodging of winter grains, interfered with spraying, and damaged fruit blossoms. Despite these handicaps, much larger crops of wheat, oats, and fruits are in prospect, as compared with those harvested last year.

G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 82 stations was 65.6°, which is 5.8° above the 57-year normal for May. The highest monthly mean was 70.8° at Marcus Hook, and the lowest was 60.0° at Mt. Pocono. Extremes ranged from a maximum of 95° at Sharon on the 31st to a minimum of 27° at Ridgway on the 1st.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 201 stations, was 4.28 inches, which is 0.39 inch above the 57-year normal for May. The greatest monthly amount was 11.03 inches at Kregar, while the least was 1.18 inches at Quakertown. The greatest amount recorded in any 24 consecutive hours was 4.36 inches at Sunbury on the 6-7th.

The only snow reported was a trace at Kane on the 19th.

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	57.3	91	24	4.24	T.	16	4	11	16
1889	60.4	96	25	5.91	0	11	11	9	11
1890	58.5	89	23	6.71	0	15	7	11	13
1891	57.3	93	20	2.12	0.2	8	10	10	11
1892	58.5	91	28	5.70	0	16	7	10	14
1893	57.9	93	26	5.54	0	12	11	8	12
1894	60.8	92	27	8.88	0	16	9	8	14
1895	60.6	102	22	2.68	0	9	13	10	8
1896	65.4	98	31	2.85	0	10	10	12	9
1897	57.7	88	25	5.24	T.	12	11	10	10
1898	60.0	94	22	5.11	0	15	8	9	14
1899	61.1	100	24	3.82	0	11	10	11	10
1900	60.4	96	20	2.79	T.	9	13	9	9
1901	58.9	91	28	5.56	0	15	8	9	14
1902	59.8	95	25	1.96	0	8	13	11	7
1903	61.8	94	18	1.67	0	7	16	9	6
1904	61.6	94	21	3.78	0	11	12	10	9
1905	60.8	93	22	2.59	0	12	11	9	11
1906	60.0	99	23	3.23	0	10	12	10	9
1907	54.8	91	19	3.08	0.1	11	11	9	11
1908	61.2	96	22	6.28	0.3	15	10	10	11
1909	59.2	92	23	2.90	0.1	10	12	10	9
1910	56.8	88	24	3.38	0	12	11	10	10
1911	65.2	99	20	1.97	0	7	17	10	4
1912	61.2	91	28	3.15	0	11	14	8	9
1913	58.5	93	21	3.86	0	10	13	8	10
1914	61.5	96	19	3.34	0	9	16	9	6
1915	56.2	84	21	4.16	0	14	10	8	13
1916	61.0	93	26	3.19	T.	13	12	11	8
1917	53.3	90	20	3.39	T.	13	9	10	12
1918	65.1	95	21	5.04	0	14	13	12	6
1919	59.5	98	27	5.80	0	14	13	7	11
1920	56.6	92	18	2.02	0	8	17	8	6
1921	59.8	93	22	3.93	0	11	14	8	9
1922	62.5	96	20	3.21	0	10	15	8	8
1923	58.3	93	20	3.50	0.6	8	19	6	6
1924	54.6	92	18	5.71	0	17	9	9	13
1925	55.2	98	22	3.49	0.2	11	13	10	8
1926	58.8	95	18	1.78	0	8	17	10	4
1927	58.2	92	23	4.14	0	16	9	9	13
1928	58.0	95	20	2.23	0	10	15	9	7
1929	58.5	97	23	4.81	T.	14	13	9	9
1930	61.2	99	25	3.03	0	10	15	8	8
1931	59.8	98	19	5.28	T.	15	13	9	9
1932	59.8	98	21	3.69	0	10	15	8	8
1933	62.2	94	24	5.86	0	18	8	10	13
1934	62.2	98	22	2.51	0	8	18	8	5
1935	56.0	92	21	3.00	0	10	13	8	10
1936	62.8	96	24	2.09	0	7	19	8	4
1937	60.7	96	24	3.39	0	11	14	10	7
1938	58.8	93	20	3.85	0	13	11	9	11
1939	62.8	99	20	1.58	T.	7	16	10	5
1940	59.2	93	22	4.46	T.	16	9	9	13
1941	61.3	102	21	2.25	T.	9	15	9	7
1942	62.5	99	22	5.88	0	12	10	10	11
1943	60.4	93	19	6.08	T.	18	6	11	14
1944	65.6	95	27	4.28	T.	12	12	11	8
Period	59.8	102	18	3.89	T.	12	12	9	10

Climatological Data for May 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[1]	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	33	65.8	+5.1	90	31	42	19	1.41	−2.10	0.59	7	0	10	12	11	8	n.	Allent'n-Bethlehem Gas Co.
Altoona-4.5 W	Blair	1,500	58	65.4	+6.6	89	31	33	8	4.38	+0.37	0.76	6	0	16	20	9	2	e.	City of Altoona.
Bethlehem	Northampton	364	59	64.2	+1.7	89	31	40	19	1.33	−2.21	0.73	7	0	10	21	5	5	sw.	Lehigh University.
Burnt Cabins-2 NE	Fulton	990	3	66.8[a]	.....	92	31	30	19	4.16	.....	2.21	6-7	0	10	16	4	11	sw.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	76	66.9	+5.1	90	13†	38	8	2.84	−0.93	1.06	6-7	0	12	19	5	7	se.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	68.5	+7.2	94	31	40	8	5.20	+1.66	1.66	23-24	0	8	15	9	7	sw.	William B Spear.
Coatesville	Chester	431	56	68.5	+7.2	90	31	44	8	3.19	−0.71	0.96	14	0	8	10	9	12	s.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	2	63.0	.....	84	3†	35	7	5.70	.....	1.58	23-24	0	15	10	14	7	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	62.3	.....	85	4†	31	19	6.27	.....	2.91	6-7	0	13	16	9	6	ne.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	7	66.1	.....	88	31	38	19	6.19	.....	2.20	27	0	11	4	18	9	s.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	58	65.6[d]	+7.7	90	26†	34[c]	1	5.15	+0.83	*1.18*	6-7	0	13	....	....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ira J. Keath.
Everett-0.5 SW	Bedford	1,020	22	66.6	+6.8	92	31	36	8	2.56	−1.06	1.58	6-7	0	9	12	8	11	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	51	63.5	+6.9	84	31	33	19	3.28	−0.64	1.00	6-7	0	9	12	5	14	n.	Andrew B. Evansha.
George School	Bucks	184	38	66.1	+4.8	89	31	43	10	1.47	−2.08	0.40	13	0	10	16	8	7	n.	Prof. N. W. Swayne.
Gettysburg	Adams	500	71	68.7	+6.9	88	13†	41	8	3.86	0.00	1.55	20	0	9	18	3	10	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	40	65.0	+4.8	89	31	34	8	4.89	+0.94	1.92	6-7	0	9	17	8	6	s.	Miss Sallie M. Johnson.
Hanover	York	600	40	69.0	+5.8	90	16†	43	8	3.95	+0.67	2.00	6-7	0	9	14	8	9	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	75	68.8	+7.0	91	31	45	8	5.03	+1.59	3.11	6-7	0	11	5	11	15	se.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	34	63.0	+5.9	91	31	30	19	2.12	−1.40	0.91	7	0	9	18	6	7	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	29	68.2	+5.3	88	22†	48	8	2.02	−0.84	0.65	6-7	0	10	15	9	7	s.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	57	67.8	+7.4	92	31	34	8	4.38	+0.29	1.47	6-7	0	11	15	8	8	w.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	57	67.8	+6.6	90	13	40	8	3.97	+0.79	1.47	23-24	0	10	20	8	3	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	47	65.2	+7.8	91	31	32	19	5.45	+1.79	2.00	6-7	0	10	16	9	6	n.	Carlos P. Darling.
Lebanon	Lebanon	469	60	68.2	+6.9	91	31	40	8	2.82	−0.86	1.31	23-24	0	8	23	5	3	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	6	67.0	.....	90	4†	40	8	6.28	.....	2.19	6-7	0	12	16	4	11	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	67.6	+5.8	94	31	37	8	5.24	+1.30	1.66	6-7	0	14	14	6	11	e.	William R. Kelley.
Marcus Hook†‡	Delaware	12	18	70.8	+4.6	94	31	48	19	1.87	−1.25	0.71	23-24	0	9	26	2	3	s.	Sun Oil Co.
Martinsburg	Blair	1,493	2	65.2	.....	87	31	37	8	3.11	.....	1.56	6	0	14	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose-3 E	Susquehanna	1,176	39	60.2[e]	+5.2	86	31	31	19	4.74[§]	+0.95	3.05	7	0	12	13	6	12	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	3	60.0	.....	84	4†	28	19	3.83	.....	1.40	7	0	10	4	16	11	w.	U. S. Weather Bureau.
Palmerton†‡	Carbon	455	26	64.5	+4.3	90	31	39	19	1.81	−1.61	1.17	7	0	8	18	8	5	s.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	67.4	+5.3	89	31	46	8	2.25	−1.01	1.00	23-24	0	9	5	10	16	sw.	U. S. Weather Bureau.
Philipsburg†-7 E	Centre	1,916	2	60.9	.....	84	31	35	8	8.41	.....	3.38	23-24	0	14	2	11	18	s.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	35	67.6	+5.4	91	4†	39	8	2.60	−1.39	0.76	13	0	8	19	8	4	sw.	Phila.-Suburban Water Co.
Port Clinton†‡	Schuylkill	407	6	64.0	+2.9	88	14†	38	1†	2.27	−1.87	0.70	23-24	0	9	20	6	5	.....	Earl E. Rarick.
Quakertown†‡-0.5 E	Bucks	480	59	63.8	+4.2	88	31	37	8	1.18	−2.18	0.50	7	0	8	18	8	5	sw.	John E. Benner.
Reading	Berks	273	74	68.4	+6.4	90	31	46	8	2.39	−1.28	1.25	27	0	9	7	11	13	e.	U. S. Weather Bureau.
Scranton	Lackawanna	746	50	66.0	+6.6	89	3	37	19	2.56	−0.71	1.14	7	0	9	10	13	8	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	54	66.6	+5.9	88	31	38	8	6.48	+2.58	3.20	6-7	0	12	13	10	8	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	66.4	+7.6	89	31	36	8	7.83	+3.88	2.25	6	0	15	9	10	12	se.	Penna. State College.
Stroudsburg-2 E	Monroe	440	25	66.6	+7.8	94	5†	34	19	3.41	+0.04	1.31	27	0	13	14	8	9	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	4	62.8	.....	86	4	33	19	5.56	.....	2.09	6-7	0	15	8	13	10	w.	James E. Swartz.
Towanda†‡-1 E	Bradford	754	50	65.1	+7.6	90	31	32	19	5.44	+2.08	2.52	6-7	0	14	9	14	8	ne.	Mrs. M. Ordelia Parks.
Wellsboro†‡	Tioga	1,319	74	61.8	+5.4	88	31	29	19	4.84	+1.44	1.64	6	0	12	13	7	11	s.	M. S. Bliss.
West Chester†‡	Chester	440	95	67.0	+6.1	88	22†	40	8	3.73	−0.15	1.20	27-28	0	9	13	14	4	s.	Clyde T. Saylor.
Wilkes-Barre †‡	Luzerne	544	6	65.4	.....	90	5†	38	19	2.11	−1.04	1.01	6-7	0	7	2	17	11	sw.	U. S. Communication Sta.
Williamsport ‡‡	Lycoming	550	58	67.4	+6.9	92	31	37	19	5.56	+1.73	2.32	6-7	0	13	11	13	7	w.	John D. McEwen.
Williamstown ‡‡	Dauphin	775	28	66.2	+6.0	89	31	40	8	3.07	−0.74	1.40	6-7	0	9	5	21	5	.....	Gordon E. Lower.
Woodward-2 NE	Centre	2,191	3	63.4	.....	88	4	36	8†	7.42	.....	2.53	6-7	0	14	2	8	21	w	U. S. Weather Bureau.
York-3 SW‡‡	York	390	56	69.6	+8.1	92	31	38	8	3.21	+0.19	1.21	23-24	0	10	20	6	5	s.	York Water Co.
Division mean				**65.9**	.....	**94**	**5†**	**28**	**19**	**4.01**	.....	**4.36**	**6-7**	**0**	**11**	**13**	**9**	**9**	sw.	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	27	62.4	+6.6	87	31	31	19	4.80	+1.22	1.30	21-22	0	9	7	17	7	w.	City Water Dept.
Brookville	Jefferson	1,400	53	63.7	+8.2	87	31	39	7	6.61	+3.02	1.42	5-6	0	15	5	18	13	sw.	Civil Aeronautics Auth'y.
Butler	Butler	1,077	30	66.0	+5.9	89	30†	30	1	4.99	+1.61	1.39	21-22	0	13	.....	.....	.....	w.	Butler Eagle.
Clarion†‡-3 SW	Clarion	1,114	34	65.2	.....	90	31	39	8	6.42	+2.68	1.82	5-6	0	12	7	10	14	e.	Penna. Electric Co.
Claysville	Washington	1,170	40	65.1	+4.3	88	31	33	8	6.45	+2.86	1.89	20-21	0	12	14	13	4	nw.	Walter B. Paget.
Coudersport†‡	Potter	1,653	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Philip R. Shaw.
Derry	Westmoreland	1,150	47	68.4	+7.6	89	30†	37	8	4.29	+0.46	1.95	5-6	0	12	13	16	2	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	64.2	.....	86	26	30	8	7.50	.....	2.02	7	0	13	7	22	2	w.	Penna. Turnpike Comm.
Donora †‡	Washington	761	18	70.0	+6.7	93	31	39	8	3.59	+0.50	0.99	6	0	11	8	17	6	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	27	63.0	+6.6	83	4†	33	8	5.10	+1.04	1.23	6-7	0	14	12	10	9	sw.	Miss. Emma H. Eastman.
Ford City-4 S	Armstrong	950	1	65.1	.....	87	31	36	8	4.16	.....	1.42	23	0	13	14	7	10	sw.	U.S. Engineers.
Franklin	Venango	987	70	64.0	+6.4	90	31	32	1	5.73	+2.15	1.40	23-24	0	15	17	9	5	s.	William K. Fuller.
Greensburg-2 S	Westmoreland	1,160	35	65.0	+4.5	87	31	31	8	3.27	−0.66	1.20	5-6	0	11	13	13	5	sw.	Westmoreland Water Co.
Indiana†‡	Indiana	1,300	43	67.6	+7.4	88	31	40	8	4.83	+0.72	1.33	5	0	11	17	12	2	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	62.6	.....	88	31	36	7	5.21	.....	1.10	23-24	0	15	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Johnstown-0.5 W	Cambria	1,650	62	65.6	+4.6	88	31	35	8	4.76	+0.40	1.50	24-25	0	15	20	9	2	w.	Robert Tross.
Kane-1 N	McKean	1,750	29	60.2	.....	88	3	33	8	5.36	+0.98	1.69	21-22	T.	15	9	5	17	w.	Spring Water Co.
Meadville 1 S	Crawford	1,065	50	63.4	+6.5	89	31	40	1	5.20	+1.19	1.10	26	0	16	7	15	9	sw.	City of Meadville.
Midland	Beaver	780	8	67.6	.....	90	31	43	1	3.20	.....	0.82	5-6	0	15	6	19	6	se.	Perry P. Campbell.
New Castle†‡-1.5 N	Lawrence	900	64	66.2	+6.6	89	4	39	7	4.41	+0.84	0.95	23-24	0	12	15	14	2	sw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	69.0	+8.8	89	31	43	7	2.97	−0.24	0.85	6	0	12	7	18	6	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	65.8	.....	89	31	37	1	6.16	.....	1.74	23-24	0	15	7	14	10	w.	U.S. Engineers.
Ridgway	Elk	1,385	37	63.1	+7.4	91	31	27	1	4.83	+1.01	0.99	22-23	0	15	7	14	10	s.	West Penn Power Co.
Sharon	Mercer	940	31	70.4	+10.7	95	31	43	7	5.02	+1.93	1.77	27-28	0	13	17	10	4	sw.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,100	73	63.3	+6.7	86	30	32	8	7.06	+2.30	1.70	5-6	0	12	7	13	11	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	61.6	+6.3	82	27†	32	8	5.28	+1.26	1.92	6	0	13	5	16	10	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	64.2	.....	89	31	37	1	6.44	.....	1.30	23-24	0	14	16	4	11	w.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	1	63.6	.....	87	31	33	8	4.36	.....	1.38	21-22	0	12	4	18	9	sw.	Arthur M. Stokes.
Uniontown†‡	Fayette	1,040	56	68.8	+6.8	88	31	38	8	6.05	+2.42	1.11	24	0	14	16	12	3	sw.	William W. Marsteller.
Vandergrift†‡	Westmoreland	825	30	68.8	+8.0	92	31	39	8	4.99	+1.73	1.30	6	.....	13	14	14	3	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	56	63.7	+7.2	89	31	40	9	4.33	+0.19	1.86	6-7	0	11	6	21	4	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	66.4	+4.2	89	21†	32	8	3.70	−0.36	0.96	6	0	10	7	18	6	sw.	Thomas S Knox.
Division mean				**65.3**	.....	**95**	**31**	**27**	**1**	**5.07**	.....	**3.61**	**24-25**	**T.**	**13**	**11**	**13**	**7**	sw.	
Lake Drainage																				
Albion	Erie	900	....	63.6[b]	.....	90	26	39	11	3.20	.....	0.99	21-22	0	12	14	13	4	nw.	Samuel D. Lewis.
Erie	Erie	705	71	63.3	+6.5	90	26	42	6	4.29	+0.89	1.53	21-22	0	11	4	18	9	w.	U. S. Weather Bureau.
State mean				**65.6**	**+5.8**	**95**	**31**	**27**	**1**	**4.28**	**+0.39**	**4.36**	**6-7**	**T.**	**12**	**12**	**11**	**8**	sw.	

[See page 40 for explanation of reference marks.]

Daily Precipitation for May 1944

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike								.52						.05		.14	.12							.09	.28	.06		.44				1.69
Hawley[2]	Wayne							.15	.76					T.	.02		T.	.34						.33	.04	.10	.09	T	.62				2.12
Hollisterville[2]	Wayne							.52	.83						.17		.70	.16			T		T.	.19	.26	.60	.04	.04	.04				3.58
Lakeville[2], 1 N	Wayne		T.					*	.97						.04			.44					T.	.13	.16	.29	.05		.05				2.13
Matamoras[2]	Pike								.74						.04			.07						.49		.38	.11		.11				1.97
Mount Pocono[3], 2 N	Monroe							1.40						.05		.30	.26			T.	T.		.05	.25	.04	.14	.04	1.30					3.83
Pleasant Mount[1, 5], 1 W	Wayne							1.42	.05		.05			.11		.46	.19						.40	.18	.34	.06		.22					3.48
Stroudsburg, 2 E	Monroe							.37	.24				.04		.06		.59	.13			.02		.01		.53	.05	.06	1.26		.05				3.41
Tunners Falls[1, 5], 1 SE	Wayne							.94									.19	.01					.18	.14	.28	.08		.07					98
Wallenpaupack[2]	Pike							.06	.83									.27						.15	.05	.58	.04						1.98
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh							.42						.08		.02	.19			.09	.02		T.	.17	.03	T.	.02	.09					1.24
Allentown[2]	Lehigh							.42	.17						.13		T	.15			.13			.02	.28	.02	.01	T.	.08				1.41
Bethlehem[1]	N'rthampton							.73						.23		.05	.13				.08		T.	.01	.03	.01	.01	.05					1.33
Blakeslee Corners[1, 5]	Monroe							1.61						.12			.32			.02			.01	.37	.11	.02		.70					3.28
Gouldsboro[2]	Wayne							.90	.64						.11		.68	.21			T.			.03	.28	.08	.03		.38				3.34
Lansford[2]	Carbon							*	1.05						.10		T	.11			*		*		.65		T.		.19				2.10
Mauch Chunk, 1 SW	Carbon						.09	1.36	.12						.13		.02	.18			.08	.02	.02		.48	.04	.04	.62	.10				3.30
New Tripoli	Lehigh						T.	1.04							.03		.37	.06			.12		.01	.02	.29	.04	T.	.09	.09				2.16
Palmerton[1, 5]	Carbon							1.17						.01			.14			.03	.02			.25	.10	T.	T.	.09					1.81
Zionsville, 1 SW	Lehigh							.49	.35						.15			.15			.15				.50	.10	T.		.15				2.04
SCHUYLKILL																																	
Conshohocken	Montgomery							.64							.25			.09			.08		.04		.46	.06			.11				1.73
Fredericksville[2], 1 S	Berks							1.04	.14						.24			.12			.12		T.		.54	.02	.02		.51				2.75
Gratersford[2]	Montgomery							.28	.18						.58			.24						.13	.42	.04			.31				2.18
Phoenixville[2], 1.5 SE	Chester							.65	.04						.76			.17			.21		T.		.57	.04		T	.16				2.60
Port Clinton[2]	Schuylkill							.51	.16						.10			.32			.15			.05	.65	.04			.29				2.27
Pottstown[2], 0.5 S	Montgomery							1.20	.31						.57			.38			.14			.09	.48	.02	T.	T.	.27				3.41
Pottsville[2]	Schuylkill							1.63	.17						.03		T.	.48			.14			T.	.54	.04	.04	T.	.63				3.70
Reading[1, 5]	Berks						T.	.33						.02			.14			.01	.12			.43	.08	.01		1.25					2.39
Wernersville[6]	Berks							.60							.05		.01	.09			.14	T.		.14	.53	.06	T.	1.12	.19				2.93
LOWER DELAWARE																																	
Coatesville[6]	Chester							.54							.96		.02						.22	.22	.90			.13	.20				3.19
Doylestown	Bucks							.44	.01						.77		.08	.51			.13		T.	T.	.16	.07	.04	.03	T.				2.24
George School[6]	Bucks							.32							.40	.03	.31				.11		.05	.03	.06	.10	.06						1.47
Marcus Hook[2]	Delaware							.45							.21			.18			.20		.01		.71	.03	.02		.06				1.87
Philadelphia Airport Station[1, 5]	Philadelphia							.46						.20	T		.11	.27	T		.13			.79	.21	.02		.06	T.				2.25
City Office[1, 5]	Philadelphia							.27						.40	T.		.14				.15			.93	T.	.05		.03					1.97
Shawmont	Philadelphia							.55	T.						.52			.05			.15				56	.05			.19				1.98
Quakertown, 0.5 E	Bucks							.45	.05						.07			11			.12				.31	.05	.02	T.					1.18
West Chester	Chester							.99							.31		.03				.15		.01	.99	.03	.02	T	T	1.20				3.73
West Grove[2], 1.5 SE	Chester							.51	.02						.19			.05			.30	T.			.67	.03	T.		.75				2.52
Susquehanna Basin CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga				.15		1.26	.48			.12	.02	.02	.26			.18	.01		.01			.65	.02				.34					3.52
Centerville[2]	Bradford							2.26	.45		.26	.38			.33			.08					.22	.10	1.00				.33				5.41
Covington[2]	Tioga					19		2.35	.34		.02	.48			.34			.10					.10	.15	.45			1.07					5.59
Lawrenceville	Tioga				T	.10	.22	2.00	.26		.67			.32			.12						.58	.18	T.			1.00					5.45
NORTH BRANCH																																	
Canton[2], 1 NW	Bradford					.17		3.18	.53			.50			.59			.13			.01		.10	.11	.55	.02			.56				6.45
Danville[2]	Montour							2.24	.22						.28			*			.08		.08	.02	1.26	.03	.09		.23				4.53
Freeland[2]	Luzerne							1.00	.87						.18		T	T.			.05			.05	.88	.01	T.	.03	.21	T.	T.		3.28
Millville[1, 5]	Columbia						.60	2.04		.02				.28			.08			.03			.24	.47	.02			.81				4.59
Monroeton[2], 2 S	Bradford					.20		1.95	.94		.01	.70			.20			.11			T.		.02	.24	.82	T.		.07	1.06				6.32
Montrose[2], 3 E	Susquehanna		T.			T.		1.61	1.44			.24			.31		T.	.07						.04	.04	.28	.06	.01	*	.64				4.74
Orwell[2], 3 N	Bradford					.43		1.64	1.00			.25			.23		T.	.05						.10	.06	.32	.05		.04	2.07				6.24
Park Place[3], 1 NW	Schuylkill						.22	1.39						.05			.02			.07	.02	T.	.02	.42	.22	T.	.08	.28					2.79
Pikes Creek[1, 5]	Luzerne							1.86						.11			.06			.03			.02	.49	.03		.18	1.01					3.79
Rush[2], 6 S	Susquehanna							1.20	1.09			1.16			.37		.10	.04					.04	.02	.55	.03			.25				4.85
Scranton[1, 5]	Lackawanna						T.	1.14			T.			.10		.42	.12			.01			.07	.25	.37			.08					2.56
Susquehanna[2]	Susquehanna		.03					.91	1.11		.01	.03			.20		.07	.05						.04	.23	.02	.16			T.				2.86
Towanda[6], 1 E	Bradford				.12	.18		2.52	.32	T.	.03	.04		.25	.01		.10	T.			T.			.10	.77	.09	T.		.89	.02				5.44
Tunkhannock[1, 5]	Wyoming							2.04			.40			.11		.28	.12	.01						.18	.38	.44			.07	.01				4.04
Wilkes-Barre[3]	Luzerne						T.	1.01						.10	T.		.06			.02		T.	T.	.45	.01		T.	.46					2.11
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga					.21		1.78	.50		.42				.45			.04						.37	.32	.36			.02	.02				4.49
Bald Eagle[1, 5]	Blair				.25	.02	1.71							.39		.08				.27	.03	1.21	.21	1.55	.36								6.76
Carrolltown[2]	Cambria					.37	.20	1.15	.02						.40		.15	.36	.12		.40		.23	.20	.07	.04							3.71
Carter Camp[1, 5]	Potter				.26	.04	2.23	.72		.09	.33			.38			.11					.02	.63	.42	.13		.05	.21					5.62
Cedar Run[2]	Lycoming					.38		1.97	.83			.65			.56			.12					.18	.14	.82				.13				5.78
Clearfield[2]	Clearfield					.68	.19	1.00			T	.02			.49		.21	.04			.23	.01	.60	.04	2.39	.89		.05					6.84
Curwensville[3] 6 NW	Clearfield	T.	T		.46	.44	1.09	.02			.07			.97		.05	.02	T.	.01	.28	T.	.39	.21	1.58	.03		.08						5.70
Driftwood[1, 5]	Cameron				.10	.08	1.14	.17		.03	.25			.48	.02		.12			11		02	.62	.29	.41	.06	.02						3.92
Dushore[1, 5]	Sullivan				.03		.03	3.39		.06	.02			.16			.29						.15	.90	.05			.40					5.48
Eagles Mere[2]	Sullivan					.24		2.91	.68		.04	T.			.32		T.	.21			.05		.02	.12	1.59	.02		.04	.08				6.27
Emporium[2], 1 E	Cameron		T.			.58	*	*	1.34		.23				.48			.36			.10	T	.90	.28	.68	.08		.12					5.15
English Center[1, 5]	Lycoming				.35		1.38	.78									.22					.09	.24	.60	.13		1.11					99
Galeton	Potter					.25	.55	1.78	.06	.02	.15			.45			.05				.02		1.05	.86	.06			.02	.02				5.34
Karthaus[2]	Clearfield					.10		1.25	.14			.05			1.00		.08	.11	.28		.20			.16	.03	.70	.17						4.27
Lock Haven[2]	Clinton					.33		1.66	1.15		.09	.35			.30		.02	.11	.03	T.	.06		.11	T.	.88	.06			.09				5.24
Medix Run[1, 5]	Elk				.21	.14	1.18	.03			.10				.74		.01	.26			.09	.01	.02	.38	.45	1.85		.02	.08				5.57
Philipsburg[3], 7 E	Centre		T.		.86		1.80	.05		.25	.18			.45		T.	.30	T.			.28		.19	.02	3.26	.50	T.	.01	.26				8.41
Renovo[2]	Clinton					.34		2.72	.53			.39		T.	.32		.01	.16	.01	T.	.02		.08	.67	.62	.03		T	.21				6.11
State College[1, 5]	Centre		T.		1.15	T.	2.25	.32		.20	.48			.23		T.	.04	T.		.25	.03	.14	.01	1.65	.20		.06	.82					7.83

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Tamarack[2], 2 S	Clinton			T.		.26		2.09	.42		.01	.13			.48		.01	.12			.03		.19	.51	.72	.19	.01		.39				5.56
Wellsboro[2]	Tioga					.22		1.64	.78		.20	.22			.24			.10			T.		.27	.15	.39			.01	.62				4.84
Williamsport[2]	Lycoming					.15		2.32	.64		.06			.01	.33		.01	.24			.04		.05	.19	.48				1.04	T.			5.56
Williamsport[2], 4 SE	Lycoming							2.24	.69		.06	.03		.01	.57		T.	.14			.08		.05	.06	.56	.06			1.01				
JUNIATA																																	4 38
Altoona, 4.5 W	Blair					.26	.76	.67			.69	.28			.17	.02	.02	.08	.05		.64	.32	.08	.13	.17	.04							5.08
Breezewood[1], 0.5 E	Bedford						1.68	.84		.15	.07			.02			.04			T.	.13	1.63		.38					.70	.04			5.03
Buffalo Mills[2]	Bedford					.38		2.00			.35	.38						.17	.04		.22		1.22	.05						.22			4 16
Burnt Cabins[1], 2 NE	Fulton						2.00	.21		.09	.01			.02			1	.02			.86	.15		.45				.35				6 19
East Waterford[2], 3 E	Juniata							2.10	.04		.10	T.			.01		T.	.08			.28		.52	T.	.81	.04	.01	T.	2.20				2.56
Everett[2], 0.5 SW	Bedford							1.58	.04		.09							.08	T.		.09		.16	.09	.38	.05	T.		T.				4.38
Huntingdon[2]	Huntingdon					.04		1.47	.36		.05	.36			.15		T.	T			.28		1.25		.22	.05			.15				6 28
Lewistown[2], 2 SW	Mifflin							2.19	.17		.12	.05			.04			.51			.31		.50	.21	1.62	T.	.02		.54				3.91
Mapleton Depot[2]	Huntingdon							1.57	.20		.12				.11			T.			.37		.32	T.	.98		T.		.24				3.11
Martinsburg[3]	Blair		T.		.20		1.56	.04		.11	.13			.03		.06	.11	T.	T	.41	.05	T.	.11	.14	.03	T.	T.	.13					4.55
McConnellstown[2], 4 NW	Huntingdon					.22		1.56	.22		.08	.06			.16			T.	.04		.37		1.10	T.	.18	.05	.03	T.	.48				4.69
Neffs Mills[1, 5], 3.5 NE	Huntingdon				.25		1.45	.04	.35	.04	.08			.27		.02				.19	.04	.58	.08	.71	.02			.57					4.61
New Bloomfield	Perry			T.			.39	.97			.14				.06			.72			.22		.12		1.47	.05			.47				3.14
Newport[2]	Perry							1.64	.23		.05				T		T	.05			.25		.08	.02	.67	.02	T.		.13				4.06
Saxton[2], 1 W	Bedford					.13		1.54			.22	T.			.10		.02	.27			1.04				.45	T.	T.		.45				3.45
Shade Gap[1, 5], 0.5 SW	Huntingdon						1.71	.19		.11				.01		.02	.27			.54	.13	.12	.02	.07				.26				5.15
Shaver Creek[2]	Huntingdon					.27	.77	1.19			.08	.09			.25		.03				.26		.65	.07	.80				.69				
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams							1.24	.10						T.						.86		.68		.09	.08	.05		.17				3.27
Bloserville, 1.5 N	Cumberland						1.11	1.69	.06									.14			.28		.09	T.	.60		T	1.75					5.72
Carlisle[6]	Cumberland						.76	.30						T.			.11				.33	.07	.15	.68	.22	.04	.02	.03	.13				2.84
Columbia[6]	Lancaster							.42							.48		T.		T.		.22	.02	.24	*	1.21	.25		T.	.15				2.99
Dauphin[2], 3 N	Dauphin							3.28	.01						.10		T.	.28	.11		.14		.12		1.59	.01	T.		T.				5.64
Ephrata	Lancaster																																2.86
Glen Rock[1, 5]	York						.51	.64						.23				.03		.32	.68	.02		.32	.02	.09							4.89
Gordon	Schuylkill							1.92	.10						.10		.14				.14			.45	.52		.02		1.50				3.53
Grantville[6], 4 NW	Dauphin						.15	1.22						.06		.12	.37	T			.16	.07		.72	.49	.05	T.	T.		.12			3.95
Hanover[2]	York							2.00	.02						.05			.01			.72		.09		.85	.01	T.		.20				5.03
Harrisburg Apt[1, 5], 3.5 S	Dauphin		T.				1.24	1.88						.01		T.	.06			.17	.02	.06		1.21	.04	.02	T.	.32					2.02
Holtwood[2]	Lancaster							.65	T						.14			.04			.41	.01	.01		.45	.01	.21		.09				5.14
Huntsdale[2]	Cumberland							2.00	.32									.16			.39	.25	.22		1.18	.03	.06		.53				2.02
Kirkwood[1, 5], 1 SW	Lancaster						*	.43						*	.30					•	.35			*	.42			.52				3.97
Lancaster	Lancaster							.90							.52			.04			.14	.03	.14	.07	1.49	.01			.72				2.82
Lebanon[2]	Lebanon							.80	T.						.07			.30			.14		.06		1.31	.03	T.		.11				3.20
Middletown[1], 1.5 W	Dauphin		T.				.38	.48						T.			.11		T.	.18	.02	.06		1.83	.12	.02	T.	T.				6.08
Millersburg[1, 5], 2 E	Dauphin						1.39	2.43								.08	.60			.14	.02	.10	.09	1.00	.19			.04				5.85
Milroy[2], 5 N	Mifflin					T.		2.00	1.08		T.	.08			.48		.04	.07			.12		.08	.02	1.30	.03	.05	T					4.09
Newburg[1], 3.5 NW	Cumberland						1.26	.54		.23	T.			T.			.34				T.	.23		.11	.02	.02		1.34				3.85
New Park	York							.90							.44			.05			1.00	.12		1.07	.13	.02	.10						3.07
Pine Grove[2], 1.5 NE	Schuylkill							.86	.07						.03		.02	.34			.16		T.	.22	.69	.03	.02		.63				2.59
Ringtown[2], 1.5 SW	Schuylkill							*	1.95						.01			.01			.02				.34				.26				6.48
Selinsgrove	Snyder							3.20	.61			.06		.06			.06	.12			.08		.07	1.32	.55	.03			.32				3.29
Shippensburg	Cumberland						.33	1.36										T.			.68	.06	.16	.11	.36			.05	.18				8.29
Sunbury[2]	N'umberland							4.36	.39		.02	.01			.18		.03	.02		T.	.16		.04	.02	2.50	.02	.14		.40				3.07
Williamstown[2]	Dauphin							1.40							T.		.08	.18			.19		.12	.09	.71		.04		.26				7.42
Woodward[3], 2 NE	Centre				T.		2.53	.56		.03	1.38			.30		.18	.37	T.		.14	T.	.15	.09	.78	.19	.01	T	.71					3.21
York, 3 SW	York						20	.99							.02						.60	.02	.12	.02	1.19	.03			.02				3.80
York Haven[2]	York							.45	.01						.20			.01			.27	.15	.23		2.01	.03	.02		.42				
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin							1.57							.12						1.13		.64		1.64	.02	.05		.03				5.20
Gettysburg	Adams						.15	.58							T.			T.			1.55		.23	.02	.61	.08	.08	T.	.61				3.86
Hewitt[6], 2 SW	Bedford																						.05			*		.10					
Hyndman[2]	Bedford					.39	T.	1.68			.21	.12			T.			.07	.21		.38	.03	.37			.04			.26				3.76
McConnellsburg[2]	Fulton							2.42	T		.28										.67		1.20		1.18				1.04				6.79
Mercersburg[2]	Franklin																																
South Mt. San't'm[2]	Franklin							1.76	.34									.02			.39		.34		.11	.04	.02		T.				3.02
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	3.18
Acmetonia[2]	Allegheny					.34	.74	.59	.28		.06				.26			.18	.28		.15			.19	.07	.04							4.48
Allens Mills[1, 5]	Jefferson				.16		1.20	.20			.21			.51		.02	.35	.01	.05	.32	.01	.27	.54	.42	.16							6.11
Blairsville[2], 6 NE	Indiana					.84	.93	1.32	.54		T.				.95		.34	.24	.22		.09			.39		.07	.15	.03					6.67
Boswell[2], 6 NW	Somerset					.78	.61	1.39	.53		.05				.29		.57	.10	.26		.25					1.51	.08	.25					4.80
Bradford, 4 W	McKean					T.	.80	.87			.32			.42			.22	T.						1.30	.50			.32	.05				6.61
Brookville[3]	Jefferson	T.			.20	.18	1.24	.17		.04	.18			1.20		.29	T.	.10	T.	.44		.98	.41	.87	T.			.28	.03				3.68
Buckstown[1, 5]	Somerset				.11	.03	1.43	.25		.18				.10			.20	.09	.04	.04	.22	.06	.41	.07	.45								6.42
Clarion[2], 3 SW	Clarion							.87	.95			.04				.16		.11		.08		.52		1.25	.60	.67	1.13	.04					
Coudersport	Potter																																4.29
Derry[6]	W'moreland					.38	1.95	.08						.30		.70	.13	.22	.15		.08			.14	.04	.12							7.50
Donegal[1]	W'moreland				.30		1.85	2.02		T.				.41		.24	.25	T.	.18		.40	.23	.03	.38	1.15	.06							3.01
Dunlo[1, 5], 0.5 SW	Cambria				.10	.03	1.68	.05		.04				.27			.16	.03		.04	.15	.02		.25	.19								5.10
Ebensburg[2]	Cambria					.50	.19	1.23	.09	T.	T.				.21		.18	.79	.08		.58		.29	.12	.53	.08		.23					4.16
Ford City[2], 4 S	Armstrong					*	.62	.68	.65	T.	.05				.41			.11	.10				.05	.24	1.18			.05	.02				5.78
Franklin[2]	Venango		.02			.11	.57	.51		T.	.13				.23		.26	T	.01		.64	.04	1.34	.39	1.40	.03		T.	.05				5.07
Glen Hazel[2], 1 NE	Elk					.12	.65	.98	.09		.20				.70		.03	.12			.16		1.16	.32	.18	.25	.03	.07	.01				4.95
Homer[1, 5]	Indiana				.28	.09	1.43	.09						.63			.60	.10		.41	.10			.58	.45	.34							4.83
Indiana	Indiana					.38	1.33	.75						.08	.36	T.	.03		.13		.40				.08	1.35	.15	.01					4.76
Johnstown[6], 0.5 W	Cambria				.17	.33	1.22	.21			.08			.07	.31	.30	.26		.14		.08	T.		.09	1.60	.46	.63	.05	T.	.06				5.36
Kane[1], 1 N	McKean	T.			.08	.10	1.26	.21		.14	.04			.43		T.	.06		T.	.15		.09	1.60	.46	.63	.05	T.						11.03
Kregar[1], 4.5 SE	W'moreland				1.32		2.00	.35		.10				.32		1 63	.34	T	.34	T.	.52	.02	.29	.19	3.55	.06	T						5.39
Lycippus, 1.5 E	W'moreland					.44	1.50	.60	T.	T.					.65		.75	.10	.30			T.	T.	.10			.18	.77				01	4.34
Marienville[1, 5]	Forest				.06	.01	1.80	.03		.04				.67			.13			.15		.11	.92	.36	.02		.03						5.20
Meadville[2], 1 S	Crawford		.02			.23	.81	.43		.04	.49				.37		.02	.05	T.		.66	.04	.62	.16	.16		.01	1.09					4.29
Mosgrove[2]	Armstrong					.09	.66	.74	T.		.11	T.			.45		T.	.02	.13		.40		.42	.25	.80	.20			.02				4.59
Parkers Landing[2]	Armstrong					.03	.50	.73			.02				.04		.18				.59		1.59		.83				.08				3.39
Pittsburgh Cty Of[15]	Allegheny		T.		.04	.32	.78	T.		T.	.05			.17		.12	.69	.47	T.		.19			.51	.05		T.	T				4.22
Port Allegany[2]	McKean					.04	.42	1.07	T.		.12	T.		T.	.27			.05			.02		1.35	.15	.38	.05	.15	.04	.11				6.46
Punxsutawney[2]	Jefferson					.27	.58	.89	T.		.01				.46		.39	.06	.45		.43		1.25	.25	1.30	.06	T.	.06					

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong					.25	.70	.98	.19		.16				.29		.04	.31	.12		.59		.21	.48	1.74	.05	.02						6.16
Ridgway[2]	Elk					.12	.67	.94	.11		.22				.19		.06	.06			.10		.56	.43	.40	.40		.25	.04				4.83
Saltsburg[2]	Indiana					.19	.60	.90	12	T	T.				.40		.83	.20	.65	T	.15	T.		.56	.15	.01		.05					4.81
Seward[2]	Indiana					1.27	.57	1.16	.23						.43			.16	.17		11			.08	18	.14							4.80
Sheffield[1, 5], 6 W	Warren						1.89			.20				.37						.20		.80	1.11	1.19	.12		.31	.11				.25	6.58
Smethport[1, 5], 1 SW	McKean				.04	.49	1.15	.03		.08	.06			.31			.05					.03	1.40	.54			.72					.04	4.91
Strongstown[1, 5]	Indiana				.52	.09	1.36	.11						.19			.61	.13		.60	.13	.24	.12	.10									1.23
Pionesta[2], 1.5 SE	Forest		T			.04	.82	.99	T.	T.	.19				.24		.45	.17	T.		.19		1.07	.39	1.30	.04	.01	.57					6.44
Titusville, 2 S	Crawford		T.		T.	.21	.96	.06			.17			.30			.17	.04			.31	.03	1.35	.55	.21								4.36
Union City[1, 5]	Erie				.04	.39	.80			.12	.08			.28						.11		.35	.17				.27				.28	2.89
Vandergrift[1]	W'moreland				.04	.02	1.30	.02						.20		.36	.12		.09		.04		.20	1.28	.04		1.28						4.99
Warren[2]	Warren					T	.71	1.15		.10	.26				.57			.10					.70	.13	.21		.30	.10					4.33
Youngsville[1, 5]	Warren				.07	.15	1.27	.04		.15				.62			.06			.11		.11	.83	.16	.02	.24	.47					.15	4.45
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset					.14	.55	1.02	.10		.11				.05			.09	.13		.42	.25		.08		.11		.34	.01				3.40
Connellsville[2]	Fayette					.38	.44	.82	.23						.28		11	.17	.30		.59	.45	.86	.78		1.23							6.64
Donora[1]	Washington				T	T.	.99	.04						.37		.03	.10	.27	.03		.60			.38	.03		.75						3.59
Greensboro[2]	Greene					.08	.56	.43	.41		T.				.13			.09	.07		.39	.72	.08	.83	T.	.05		.01	.25				4.05
Greensburg, 2 S	W'moreland					.19	1.20	.16	T.					.34	.13		.49	.08	.29		.16	T.		.09		.20							3.27
Irwin	W'moreland				T.	.17	1.15	.14			T			.10	.27		.52	13	.22		.26	.02		.08	.01	13	.01						3.21
Meyersdale[2]	Somerset					.10	.30	1.49	.55		.10	.19			.04			.07	.10		.62	.30				.03		.40					4.29
Murrysville[1, 5]	W'moreland							.01						.73			.15	.15			.06			.16								3.16
Newell[2]	Fayette						.76	.25	.03						.22		.08	.20	.25		.54	.17	.02	.62		.07							2.97
Pittsburgh Arpt[1, 5]	Allegheny	T.			.03	.19	.85	.01		T.	T.			.28		.22	.13	.54	T.		.28			.14	.29	.01	T.						3.30
Rices Landing[2]	Greene					.03	.52	.31	.10						.14			.12	.20		.40	.73	.25	.24		.06		.20					7.06
Somerset	Somerset				.22	.08	1.70	.89	T.	T	.12				.06		.55		.21		.69		99	.20		1.35	T.						5.28
Springs[6], 1 SW	Somerset				.23	.05	1.92	.58		.17				.09	.01		.03		.06		.66	.43		.05			1.00						6.05
Uniontown	Fayette					.49	1.08	.16	.01		.04			.02	.09		.11		.14		.70	.85		1.05		1.11	.20						3.70
Waynesburg	Greene				.12		.96	.03						.21			.16		.19		.59	.41		.85		.18						
BEAVER																																	
Beaver Falls[2]	Beaver					.05	.71	.33	T.		.02				.41			T.	.94	T.	.11	T	.56	.29	.68	.05							4.15
Butler	Butler					.09	.85	.40			.02				.65		.08		.25		.08		1.39	.54	.10		.12	.42					4.99
Greenville	Mercer		T.		.25	.28	.97	.02		.04	.20			.05				.01			.17	.61	1.67	.07	1.88			.51					6.73
Jamestown[2], 2 NW	Mercer					.02	.80	.24		.04	.49	T.			.58	T.	.11	.03	T.		.36	.11	.60	.69	1.10	.02	.02	T.						5.21
Mercer Arpt.[3], 2.5 NE	Mercer	T.	T.		.10	.67	.78	T.	T.	.13				.36			T.	.25	T.	.21		.73	.52	.12	.06		.01	.34					4.28
New Castle, 1.5 N	Lawrence				.43	.33	.90							.19					.40		.12	.01	.79	.20	.95			.08	.01				4.41
Pennline, 2, 1 S	Crawford		.02			.02	.69	.23		.07	.57				.21		.24	.03	T.		.57	.02	.39	.05	.73		.09	1.42					5.35
Sharon[2]	Mercer					.41	1.04	.32			.11				.28				.14		.08	*	.10	.60	.03	.14	T.	1.19	.58				5.02
OHIO																																	
Claysville[2]	Washington					.13	.82	.26							.89			.55	.34		.75	1.85	.04	.10		.10		.62					6.45
Coraopolis[2], 1 E	Allegheny					.05	.73	.26	T.		.08						.21	.37	.19	T.	.08	.03	.02	.55	.03			.30	.02				2.92
Midland[2]	Beaver					.10	.82	.27			.05				.10		.12	.06	.31		.23	.03	.47	.17	.02	T.		.32	.13				3.20
Mt. Lebanon[6]	Allegheny				.10	.10	1.10	.03			.04			.17		.30	.38	.04	.48		.23	.03		.33	T.		.05	.05					3.43
Washington[1, 5]	Washington				.29	.38	.65							.79			.19	.21			.34		.07		.18		.03						3.13
LAKE DRAINAGE																																	
Albion[6]	Erie		.02			.27	.61		T	.39	.17						.12		T	.17	.21	.22	.77	.15			.10						3.20
Erie[1, 5]	Erie	T.			.03	.26	.74		.01	.64	.16						.26	T.	T.	.21		.57	.99	T.	T.	T.	.42						4.29
Raymond[1, 5]	Potter				.24	.04	1.54	.69		.03	.17			.39		.03	.10			.06	.02		1.10	.27	.03			.10					4.81

[See page 40 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jamestown[2], 2 NW	Evaporation	.170	.161	.294	.170	.076	.004	.136	.116	.108	.136	.176		150	.298	.014	.272	.068	.148	.144	.206	.166	.076	.258	.178	.152	.164	.126	.206	.250	.200	.086	4.866
	Wind movement	43	49	70	83	58	31	49	53	24	30	17		32	48	38	35	20	36	57	38	15	46	17	25	19	29	20	8	36	17	7	*1050
Shaver Creek[2]	Evaporation	.190	.116	.316	.285	.087	.400	.082	.142	.096	.260	*		.264	.346	.306	.186	.126	.220	.314	.146	.090	.096	.158	.128	.024	.070	.136	.246	.278	.222	.220	5.735
	Wind movement	20	13	21	27	27	60	18	22	3	0	*		9	60	45	24	10	33	44	8	6	4	30	7	4	7	4	12	14	4	4	*540
Wallenpaupack[2]	Evaporation	.141	.156	.296	.106	.255	.181	.132	.143	.163	.158	.131		161	.252	.198	.184	.048	.172	.242	.185	.202	.179	.205	.010	.097	.007	.144	.037	.359	.123	.218	5.044
	Wind movement	98	58	22	1	59	149	103	117	44	58	29		30	180	84	88	29	66	82	53	41	95	175	4	4	0	39	44	55	72	18	*1897

Italics mean minus quantity. [See page 40 for explanation of other references.]

Daily Temperatures for May 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	78	82	84	80	75	57	55	66	71	65	72	80	81	75	78	69	80	70	68	71	81	74	76	82	....	90	82	78	82	..	89	75.6[b]
	Minimum	45	57	61	60	53	44	45	42	50	51	39	45	59	53	43	56	48	48	44	46	50	55	59	62	....	65	64	53	48	....	54	51.7[b]
Allentown Arpt.[3-4] NE..	Maximum	84	72	84	89	87	80	69	68	76	78	82	87	90	83	84	83	83	74	70	72	78	88	71	60	62	70	85	85	87	85	91	79.3
	Minimum	46	47	45	53	58	59	46	43	46	51	51	58	60	56	50	54	55	45	42	53	49	62	54	54	55	58	63	57	53	53	58	52.7
Allentown /.	Maximum	82	73	83	88	87	80	68	67	77	77	81	87	88	80	83	82	82	74	68	72	77	87	65	63	63	70	85	85	87	85	90	78.6
	Minimum	45	51	47	49	56	60	59	43	46	50	52	54	59	61	49	54	54	57	42	45	50	54	68	54	55	55	59	61	51	52	57	53.0
Altoona-4.5 SW.	Maximum	80	79	83	86	83	80	51	66	77	75	80	83	85	75	82	84	79	76	71	72	78	81	78	79	73	82	87	81	82	83	89	78.7
	Minimum	45	52	51	56	51	49	44	33	44	52	48	52	52	51	42	54	58	61	41	52	54	59	60	62	60	61	60	62	48	50	54	52.2
Arendtsville[6]	Maximum	83	77	84	87	84	73	70	67	77	78	81	86	88	83	85	89	84	77	68	69	75	88	85	66	65	74	85	82	84	85	89	79.6
	Minimum.	46	57	50	51	51	57	52	37	44	50	50	54	57	58	49	60	62	57	48	55	56	63	63	57	59	60	64	62	55	53	55	54.6
Bethlehem[1]	Maximum	82	69	80	85	84	76	63	65	73	74	78	85	86	79	80	80	80	70	66	69	74	84	70	56	57	66	83	83	88	83	89	76.0
	Minimum	52	43	44	55	58	58	55	41	46	48	52	59	60	60	49	54	53	45	40	49	47	58	50	50	51	54	61	61	56	55	59	52.4
Bradford-4 W.	Maximum	77	80	85	85	82	81	58	66	71	70	75	80	81	70	75	74	77	76	69	71	73	76	77	74	75	85	85	78	83	83	87	76.7
	Minimum	41	51	51	45	48	49	36	35	48	49	45	41	51	46	49	41	52	45	31	39	46	61	61	60	61	62	59	48	46	44	54	48.2
Brookville[3]	Maximum	78	79	84	82	82	60	52	66	75	77	79	83	83	73	80	79	78	71	74	75	79	78	79	83	81	86	84	79	84	85	87	77.9
	Minimum	40	54	53	49	51	43	39	40	51	50	45	44	51	45	41	53	51	47	40	50	50	61	60	61	61	58	56	48	44	48	52	49.5
Burnt Cabins[1-2] NE.	Maximum	84	80	84	88	84	....	70	69	81	78	85	88	90	82	88	90	87	78	68	70	80	87	85	78	72	79	88	80	86	84	92	81.8[b]
	Minimum	42	52	48	50	52	....	46	34	48	52	50	52	52	50	44	54	60	50	30	56	57	62	62	60	61	61	64	56	48	51	52	51.9[b]
Butler	Maximum	77	79	82	87	83	81	56	62	70	78	79	82	82	84	81	83	81	79	78	78	83	84	80	80	84	86	82	84	88	89	89	80.4
	Minimum	30	56	48	56	55	48	40	45	52	52	45	47	47	50	45	58	53	61	48	50	55	53	62	63	60	63	57	50	46	50	50	51.5
Canton /-1 NW.	Maximum	80	78	79	85	80	77	68	64	74	73	78	78	84	72	79	68	81	55	65	68	73	77	78	64	71	79	83	77	81	83	86	75.4
	Minimum	47	45	52	54	50	58	47	33	35	52	50	50	53	55	46	50	53	45	30	35	44	50	62	54	54	55	57	56	53	56	56	49.6
Carlisle[6].	Maximum	85	77	84	88	86	76	72	68	78	78	84	88	90	83	86	90	83	80	67	70	77	86	85	68	66	75	86	80	84	85	88	80.4
	Minimum	44	57	48	50	53	58	45	38	45	52	50	59	58	58	48	57	57	56	43	54	54	61	60	54	56	57	64	60	52	54	54	53.4
Chambersburg[6-1] SW.	Maximum	83	81	85	89	85	73	69	69	82	82	85	90	91	87	88	92	87	79	71	72	81	92	87	70	69	80	89	81	88	89	94	82.6
	Minimum	44	57	49	51	58	61	51	40	44	52	50	54	57	57	48	57	60	56	46	55	57	63	63	58	59	59	64	62	51	54	55	54.4
Clarion[6-3] SW.	Maximum	80	82	86	85	85	65	55	68	76	76	80	85	86	75	82	80	81	74	76	78	79	78	87	83	85	86	86	81	87	86	90	79.8
	Minimum	36	52	47	48	51	43	43	39	49	51	46	46	49	49	44	53	51	59	46	49	49	62	59	61	60	59	57	57	46	49	54	50.5
Claysville /.	Maximum	77	81	83	79	79	50	54	67	76	76	80	83	83	80	82	81	77	74	79	81	82	80	81	85	84	86	85	78	84	86	88	78.7
	Minimum	41	49	54	57	57	48	36	33	34	53	46	48	50	50	48	52	54	60	50	50	57	60	62	61	59	59	57	59	47	48	57	51.5
Coatesville[6]	Maximum	83	78	83	86	85	82	72	68	78	78	82	88	89	80	86	88	84	75	67	71	80	89	82	64	66	77	89	83	87	86	90	80.5
	Minimum	55	55	51	51	59	63	54	44	50	50	57	59	59	69	58	60	58	56	45	53	55	62	63	53	56	56	62	62	58	60	59	56.5
Columbia[6]	Maximum	85	81	84	90	89	80	75	71	81	80	84	90	92	85	88	93	86	80	73	70	80	89	86	79	66	77	88	85	86	88	92	83.0
	Minimum	45	60	51	55	55	62	61	42	47	50	52	55	59	61	49	59	60	63	44	54	55	61	64	54	58	58	65	64	65	66	58	56.5
Coudersport.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Curwensville[3-6] NW.	Maximum	74	77	84	81	77	58	48	63	77	74	78	82	79	71	77	75	75	66	67	71	70	71	73	73	72	81	81	76	78	81	84	74.0
	Minimum	50	58	53	56	54	43	35	37	50	52	52	54	53	49	49	52	55	40	37	50	53	58	58	59	58	59	59	56	58	55	56	51.9
Derry[6]	Maximum	80	83	86	85	84	84	52	71	77	80	80	83	86	76	83	83	80	77	76	80	84	82	83	86	85	85	86	80	87	89	89	81.4
	Minimum	47	56	65	59	54	45	43	37	57	55	49	49	56	52	49	65	61	56	52	55	57	67	62	64	60	65	61	62	47	54	57	55.4
Donegal[1]	Maximum	77	78	85	83	83	57	48	68	77	76	80	81	83	73	82	81	72	72	73	76	83	80	79	84	82	86	82	77	82	85	85	77.7
	Minimum	39	52	52	54	52	44	40	30	53	53	46	46	52	49	44	56	61	52	50	54	55	62	60	57	58	56	56	44	45	52	52	50.8
Donora[1]	Maximum	82	85	87	84	85	59	58	74	79	82	85	86	88	79	86	86	80	78	81	85	85	86	84	90	89	86	90	83	88	90	93	83.0
	Minimum	48	51	58	45	54	49	45	39	52	59	53	54	59	52	54	62	63	63	54	59	61	69	62	68	67	66	64	64	53	57	64	57.0
Eagles Mere /.	Maximum	80	75	79	85	84	79	66	64	72	76	83	81	85	72	75	71	78	58	64	70	72	75	75	60	62	72	80	80	80	80	85	74.8
	Minimum	45	50	50	50	56	56	47	34	33	49	52	53	57	50	50	51	58	51	31	35	41	51	60	52	52	54	56	56	56	56	58	49.8
East Waterford[6-3] E.	Maximum	81	75	78	85	81	70	67	64	74	73	78	84	86	78	84	85	82	73	64	67	72	78	80	63	62	73	85	76	80	82	88	76.4
	Minimum	56	61	49	63	61	56	42	39	49	53	56	61	63	52	58	61	57	58	38	50	55	60	63	53	54	55	61	60	62	64	63	55.8
Ebensburg /.	Maximum	71	77	82	83	80	60	46	65	73	75	78	80	80	70	77	78	75	69	69	80	81	76	78	81	71	82	81	74	79	82	83	75.4
	Minimum	45	51	54	54	50	51	40	33	40	53	41	48	54	51	41	50	57	58	41	43	50	54	60	58	59	60	57	61	45	50	55	50.5
Emporium /-1 E.	Maximum	82	85	88	88	....	....	....	....	77	79	85	88	88	78	79	72	83	69	75	78	79	79	82	77	79	90	88	80	87	87	90	81.9[d]
	Minimum	34	42	46	48	52	....	....	....	42	51	51	47	49	49	37	45	52	55	38	38	43	51	60	62	61	62	60	58	45	50	53	49.3[c]
Ephrata	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Erie[1]	Maximum	77	75	86	78	78	56	52	58	65	58	68	77	82	66	70	65	74	62	57	61	79	69	69	70	84	90	80	75	80	84	86	72.0
	Minimum	58	60	63	59	49	42	44	45	51	49	46	53	54	49	59	56	55	45	43	45	53	55	55	57	68	66	63	60	57	66	67	54.6
Everett[1-0.5] SW.	Maximum	83	80	85	89	86	65	62	68	81	78	84	81	89	79	86	90	82	78	68	81	82	88	83	77	74	83	89	84	85	86	92	81.2
	Minimum	44	53	46	48	50	49	46	36	44	52	56	51	51	51	45	53	61	49	45	44	55	64	62	64	64	63	62	54	48	48	51	51.9
Ford City[6-4] S.	Maximum	78	83	86	82	82	65	54	67	75	77	80	84	84	74	82	82	77	75	77	80	83	81	78	82	84	86	86	83	86	86	87	79.5
	Minimum	39	53	48	52	54	42	41	36	46	49	46	44	50	47	43	55	57	59	45	51	53	62	60	59	59	57	60	59	45	49	53	50.7
Franklin /.	Maximum	78	84	84	82	79	55	56	66	75	73	78	84	84	74	80	76	80	69	77	77	77	78	76	81	84	83	86	78	85	86	90	77.9
	Minimum	32	42	50	50	53	54	44	43	43	52	47	47	47	47	45	46	52	52	46	46	51	52	58	58	60	61	60	59	50	50	58	50.0
Fredericksville[6-1] S.	Maximum	80	73	81	85	84	78	68	65	75	75	79	84	85	77	79	81	78	76	65	68	75	83	79	61	62	70	82	86	84	81	85	76.7
	Minimum	42	53	45	50	51	56	55	39	40	44	47	52	56	58	43	53	51	58	41	45	47	58	58	52	55	56	62	58	54	46	53	50.9
Freeland.	Maximum	77	72	76	83	82	77	67	62	71	71	78	82	82	79	77	74	77	74	65	70	72	76	73	58	61	67	78	78	82	80	84	74.4
	Minimum	50	53	43	56	59	58	50	37	47	50	53	56	59	53	51	55	52	54	33	49	49	60	54	50	53	53	62	57	56	57	61	52.6
George School[6]	Maximum	82	69	82	84	84	80	64	68	76	78	80	85	86	80	82	83	81	76	68	71	78	88	75	61	60	73	84	85	86	84	89	78.1
	Minimum	48	52	47	55	57	57	53	44	45	43	53	58	60	60	51	58	56	55	44	52	53	59	55	54	56	57	63	65	59	51	57	54.1
Gettysburg	Maximum	84	80	84	87	85	83	70	68	77	79	81	85	88	87	85	88	85	81	70	67	75	85	85	74	66	73	83	80	82	83	86	80.2
	Minimum	47	58	51	58	58	60	56	41	47	53	52	59	62	61	52	60	62	67	49	56	58	64	65	58	60	60	65	62	56	57	58	57.2
Gordon	Maximum	82	78	81	87	85	78	75	67	77	77	83	86	88	86	82	79	83	78	69	72	77	83	75	65	67	72	85	80	85	84	89	79.2
	Minimum	35	55	45	49	50	58	57	34	44	51	47	51	55	57	41	50	51	57	37	51	45	63	58	55	55	57	61	61	45	50	51	50.8
Greensburg-2 S.	Maximum	77	82	85	82	82	69	52	70	76	79	81	83	84	75	81	82	76	75	78	79	82	81	80	85	86	86	84	80	84	86	87	79.6
	Minimum	36	51	45	50	53	48	44	31	41	52	44	45	49	47	42	52	61	55	50	53	52	65	62	58	57	57	59	57	43	47	58	50.5
Hanover /.	Maximum	83	79	84	89	85	76	74	74	78	79	82	86	89	82	85	90	83	76	67	78	76	88	84	68	66	74	87	84	87	86	90	80.9
	Minimum	45	53	52	57	60	64	57	43	49	52	56	61	64	61	55	61	62	64	49	51	57	64	65	58	58	60	61	60	56	58	61	57.2
Harrisburg Arpt.[1-3.5] S.	Maximum	85	76	85	90	86	76	71	70	80	76	84	90	90	83	86	90	85	73	68	70	77	88	86	67	65	75	90	82	87	88	91	81.0
	Minimum	48	58	51	56	58	62	47	45	50	54	56	60	61	61	53	62	61	53	48	56	58	65	59	56	58	59	66	61	57	58	58	56.6
Hawley[6-0.5] E.	Maximum	81	69	84	90	89	78	69	66	76	79	82	83	87	76	81	74	83	72	69	75	81	83	68	59	58	71	86	83	86	86	91	77.9
	Minimum	36	52	40	46	49	53	51	39	39	54	46	52	50	57	41	45	52	49	30	42	38	60	55	53	53	56	60	56	45	47	52	48.2
Hewitt[6-2] SW.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	78	83	91	90	88	72	84	88	84	84	85	91	[e]
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	57	56	60	57	64	63	59	60	63	45	46	59	[e]
Holtwood[1]	Maximum	82	73	79	79	82	77	70	70	75	73	77	81	86	81	82	87	82	74	66	66	79	88	79	69	67	75	82	80	85	83	88	78.0
	Minimum	50	56	55	57	58	64	52	48	53	54	55	57	62	61	55	64	62	56	51	57	59	66	61	58	61	62	66	64	64	60	63	58.4
Huntingdon[6]	Maximum	83	84	86	90	87	77	63	71	82	80	84	87	88	80	87	87	88	75	71	76	80	84	85	78	73	85	90	83	86	87	92	82.1
	Minimum	38	55	50	49	55	57	48	34	48	54	53	53	52	57	47	56	56	64	43	54	55	59	63	62	62	63	62	62	47	51	51	53.4
Indiana	Maximum	77	82	86	87	83	74	50	74	75	78	81	84	83	74	82	84	79	78	76	78	84	82	82	84	82	85	86	87	86	87	88	80.6
	Minimum	45	56	58	57	56	48	43	40	43	56	54	51	56	52	48	53	55	60	46	54	57	64	63	62	62	62	60	61	51	57	59	54.5
Irwin.	Maximum	80	82	85	85	83	74	52	69	75	79	83	85	85	76	82	83	79	78	78	81	84	84	83	87	88	87	85	82	88	89	88	81.3
	Minimum	42	56	55	59	56	47	41	35	49	54	46	47	54	48	47	54	60	57	48	53	56	65	62	61	60	60	61	60	45	52	66	53.4
Jamestown /-2 NW.	Maximum	77	79	72	80	72	52	56	65	72	68	74	80	82	73	77	82	80	63	72	73	79	77	78	79	83	84	86	75	82	85	88	75.6
	Minimum	38	44	54	56	52	41	36	39	42	50	44	44	51	40	46	54	48	50	45	46	50	54	55	59	60	62	63	55	45	53	54	49.6
Johnstown[6-0.5] W.	Maximum	79	80	85	85	82	63	47	68	77	77	82	83	84	75	82	81	75	72	75	77	84	82	83	84	78	88	84	80	83	86	88	78.8
	Minimum	44	52	51	54	54	45	42	35	46	54	49	50	54	55	45	55	56	60	48	56	45	61	62	61	60	64	49	61	48	50	54	52.3

Continued on page 39.

Daily Temperatures for May 1944—Continued from page 38

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Kane[1-1 N	Maximum	77	80	88	80	83	60	50	70	72	72	79	80	84	71	76	68	78	62	73	75	77	72	78	72	76	87	83	77	84	84	87	76.0
	Minimum	38	50	43	42	45	43	34	33	47	42	38	36	47	42	36	44	50	42	38	40	41	51	53	60	66	59	52	44	37	42	46	44.4
Lancaster	Maximum	85	85	80	85	85	81	76	71	75	75	81	87	90	88	86	88	87	84	75	70	76	87	88	81	78	74	87	85	85	84	85	82.0
	Minimum	42	53	47	49	51	58	59	40	45	48	51	52	58	57	49	58	56	63	45	58	54	61	62	54	58	58	68	60	52	53	56	53.7
Lawrenceville	Maximum	82	84	86	89	87	80	61	66	76	74	81	79	85	73	79	74	83	79	68	73	81	76	82	71	78	86	89	82	87	89	91	79.7
	Minimum	38	54	49	52	58	55	47	36	52	55	51	50	52	56	45	46	51	44	32	48	40	40	62	61	61	62	64	57	48	52	56	50.7
Lebanon	Maximum	84	80	83	90	88	79	72	69	79	79	83	89	90	83	86	87	84	78	68	70	79	88	81	66	65	74	89	83	86	87	91	81.0
	Minimum	45	54	48	50	58	62	59	40	48	54	54	58	62	61	51	61	60	63	46	49	55	60	66	56	55	58	58	62	55	56	58	55.4
Lewistown/-2 SW	Maximum	83	77	85	90	88	72	69	70	78	78	85	88	90	81	86	82	84	74	70	73	76	84	84	66	70	83	84	82	81	82	90	80.3
	Minimum		57	52	52	53	56	52	40	46	48	55	55	52	55	49	52	60	60	42	42	55	58	63	60	58	60	61	62	61	54	56	53.8[a]
Lock Haven[6]	Maximum	85	87	87	91	88	74	70	72	79	78	86	89	88	82	84	75	85	70	71	77	73	82	84	69	78	84	90	85	86	90	94	81.7
	Minimum	45	58	52	55	58	55	46	37	42	55	54	55	56	56	45	54	59	49	41	53	51	60	63	60	60	62	64	60	50	53	56	53.6
Marcus Hook[1]	Maximum	86	79	86	86	90	85	74	72	80	81	84	88	88	82	87	90	85	82	72	71	83	93	79	65	61	79	85	88	88	89	94	82.3
	Minimum	54	55	52	59	62	68	53	49	53	53	62	66	66	67	60	63	59	57	48	54	60	65	55	56	57	59	70	68	65	66	66	59.2
Martinsburg[3]	Maximum	77	76	82	83	81	63	54	66	75	77	80	82	82	73	79	80	77	72	67	70	78	79	78	77	70	80	84	79	82	82	87	76.5
	Minimum	50	57	52	59	54	48	40	37	52	55	50	56	60	52	48	57	59	47	41	53	57	61	62	62	61	60	61	55	51	53	58	53.9
Mauch Chunk-1 SW	Maximum	80	81	72	87	88	86	78	67	75			84	87		86	82	80	80	67	72	74	83	78	66	61	69	86		83	83	89	78.4[d]
	Minimum		53	42	47	57	54		39	39			43	57		41	48			38	46	38	61	60	54	56	57	61		48	46	49	49.3[b]
Meadville/-1 S	Maximum	76	80	83	80	74	48	56	66	73	70	77	83	81	75	79	73	80	64	74	77	78	76	78	82	83	88	86	76	86	87	89	76.7
	Minimum	40	48	54	54	53	46	42	41	46	52	43	44	48	44	41	53	51	51	45	46	49	54	58	60	61	62	61	53	47	51	55	50.1
Mercer[3-2.5 NE	Maximum	76	78	82	78	75	53	54	64	74	69	75	80	81	71	81	76	78	68	75	73	78	76	76	79	82	84	83	75	82	84	87	75.7
	Minimum	43	54	55	53	52	42	41	40	54	48	47	47	50	43	45	51	48	47	46	48	54	60	58	61	60	60	60	52	49	54	56	50.9
Middletown[1-1.5 W	Maximum	82	77	82	87	85	77	72	68	78	79	83	87	88	81	85	89	82	74	66	69	76	88	85	69	76	88	85	86	81	84	85	90	79.8
	Minimum	46	60	51	55	60	59	50	44	49	53	54	62	63	60	52	61	61	49	46	56	57	65	58	55	58	59	67	59	57	56	60	56.2
Midland[1]	Maximum	78	83	84	80	79	59	58	68	79	79	78	84	84	75	85	81	81	74	77	84	83	83	84	87	87	86	86	78	84	88	90	80.2
	Minimum	43	57	55	55	59	44	44	44	45	47	52	52	55	52	50	58	61	58	52	53	59	65	66	63	63	63	61	60	53	57	60	55.0
Montrose/-3 E	Maximum	79	70	80	84	85	74	64	62	73	73	77	74	81	71	75	66	78	55	65	68	76	75	64	59	63						86	72.2[c]
	Minimum	44	53	46	49	55	58	47	35	38	51	51	54	51	47	50	47	46	31	34	45	51	60	52	52	54							48.2[c]
Mt. Lebanon[6]	Maximum	79	81	84	83	80	55	55	66	78	78	82	85	86	77	84	84	78	74	77	81	83	82	82	87	86	86	87	79	83	87	90	79.9
	Minimum	61	63	63	62	55	45	41	38	56	55	59	52	61	57	61	61	60	59	50	54	58	67	64	65	62	64	66	60	63	63	64	58.2
Mt. Pocono[3-2 N	Maximum	76	65	76	84	82	72	59	63	70	72	78	81	83	70	78	73	78	61	66	68	72	77	63	55	57	62	79	76	79	78	84	72.2
	Minimum	48	44	39	53	54	53	40	36	45	46	49	52	52	42	44	46	46	37	28	46	40	59	51	49	52	54	62	57	57	48	52	47.8
New Bloomfield	Maximum	84	82	83	89	86	82	70	68	72	79	87	90	90	87	87	87	83	79	68	71	78	82	85	77	66	76	90	89	80	80	91	81.2
	Minimum	41	57	47	49	60	52	52	35	44	40	48	50	54	56	45	56	59	60	41	53	53	60	66	55	57	58	59	64	48	52	53	52.4
Newburg[1-3.5 NW	Maximum	81	75	80	84	84	72	70	66	79	80	83	87	89	82	88	90	86	76	68	73	80	88	85	70	74	82	90	84	88	86	92	81.0
	Minimum	46	57	64	66	54	54	48	40	45	51	52	56	56	59	50	51	58	48	44	54	56	60	60	58	58	58	62	60	53	55	56	54.5
New Castle-1.5 N	Maximum	78	78	82	89	78	65	56	64	74	68	79	83	82	76	82	80	77	69	75	82	81	81	80	82	84	85	88	82	85	88	88	78.7
	Minimum	40	57	51	58	58	48	39	41	55	53	46	54	54	48	50	59	54	59	47	49	56	64	61	62	62	64	62	60	48	53	57	53.8
Palmerton[1]	Maximum	82	69	80	85	86	77	64	67	76	76	83	85	87	80	83	80	80	69	66	70	73	85	71	60	62	68	85	83	85	84	90	77.1
	Minimum	41	53	49	53	53	59	46	41	45	53	51	57	57	53	46	54	55	45	39	47	42	61	56	55	57	59	65	58	50	54	56	51.9
Park Place[3-1 NW	Maximum	78	69	76	82	81	73	61	61	70	71	75	82	83	72	75	74	78	63	63	69	67	76	67	58	58	64	80	76	79	78	82	72.3
	Minimum	55	46	43	56	60	58	39	38	46	51	54	59	58	54	54	53	52	38	36	50	54	61	52	50	53	54	59	60	59	56	60	52.2
Philadelphia Arpt [1]	Maximum	83	75	84	84	85	81	69	68	76	78	79	83	87	80	84	87	83	77	66	70	77	88	72	63	62	76	83	84	85	85	89	78.8
	Minimum	51	54	50	53	56	61	51	46	48	49	57	60	61	61	57	61	58	53	49	54	56	61	55	55	57	59	63	64	61	57	59	56.0
Philadelphia C.O.[1]	Maximum	84	71	83	84	84	79	66	67	75	80	79	83	87	81	82	85	81	79	66	69	77	88	77	62	62	74	82	85	86	85	88	78.4
	Minimum	57	54	50	59	63	62	52	47	52	52	58	61	61	65	63	61	60	54	49	54	60	62	54	55	56	58	64	67	65	62	64	58.1
Phila. Shawmont	Maximum	83	82	82	84	85	84	75	74	77	79	82	85	86	80	83	86	83	82	75	73	76	89	84	64	62	74	85	85	87	86	89	80.7
	Minimum	47	56	52	57	57	60	59	42	46	49	54	59	59	60	50	59	56	62	46	54	54	60	62	55	56	58	59	63	57	52	56	55.4
Philipsburg[3-7 E	Maximum	75	76	81	80	79	60	52	65	74	72	81	83	82	72	79	75	78	69	65	71	71	74	78	65	69	76	84	77	79	80	84	74.4
	Minimum	36	53	54	47	48	45	37	35	51	50	44	43	50	45	39	52	55	42	35	50	52	54	52	58	57	56	52	43	40	44	49	47.4
Phoenixville[6-1.5 SE	Maximum	90	79	85	91	86	80	71	69	77	77	86	88	88	90	85	89	84	88	76	78	83	91	86	65	72	79	88	85	87	86	89	82.8
	Minimum	41	55	50	52	51	57	60	39	44	49	52	56	57	56	47	56	53	60	40	45	51	59	58	55	57	50	61	60	48	50	52	52.3
Pittsburgh Arpt Sta.[1]	Maximum	79	83	84	81	82	55	54	68	76	79	82	84	84	76	83	82	76	75	77	80	83	82	81	87	85	86	88	80	84	89	89	79.8
	Minimum	55	63	63	63	54	44	43	43	56	57	55	60	60	54	55	61	61	57	50	55	60	67	64	63	62	66	65	63	57	63	64	58.2
Pittsburgh City Office[1]	Maximum	79	83	86	84	81	55	56	68	79	79	83	86	87	78	86	86	79	77	77	82	85	84	84	89	88	88	88	82	83	87	92	81.5
	Minimum	51	63	68	66	55	46	44	46	60	58	56	57	61	56	56	62	64	58	53	57	64	70	67	68	67	69	66	64	56	61	65	59.8
Port Clinton/	Maximum	81	70	80	86	84	78	68	66	76	75	80	86	86	80	88	82	80	80	70	66	69	74	85	68	63	63	80	88	82	83	84	77.5
	Minimum	38	44	47	52	53	54	59	38	42	47	49	52	55	56	45	52	52	54	40	44	50	55	62	53	53	56	54	57	50	50	54	50.5
Putneyville-2.5 SE	Maximum	78	81	85	84	83	70	53	67	75	78	81	85	84	77	82	81	79	77	75	78	80	79	80	82	83	85	87	87	84	85	89	79.8
	Minimum	37	52	52	50	54	49	42	40	50	50	50	50	53	48	46	52	56	60	46	52	53	59	58	58	60	60	58	60	46	52	56	51.9
Quakertown-0.5 E	Maximum	81	77	80	85	84	81	73	65	74	74	79	84	86	82	81	80	80	78	67	69	76	86	76	69	68	70	84	82	85	84	88	78.3
	Minimum	40	50	48	50	49	54	55	37	40	45	47	49	55	51	48	50	49	58	39	48	46	56	57	51	52	47	61	57	47	46	49	49.2
Reading[1]	Maximum	83	79	84	89	86	80	70	68	79	78	82	87	90	81	84	84	83	76	67	70	79	88	74	63	65	73	87	85	86	86	90	79.9
	Minimum	51	56	50	60	64	65	48	46	50	53	55	61	64	63	58	60	57	50	47	54	56	65	56	54	58	58	66	63	58	57	62	56.8
Ridgway/	Maximum	79	83	87	84	83	62	53	68	75	76	82	82	85	76	81	75	82	68	75	77	79	74	79	80	82	88	88	82	85	87	91	79.0
	Minimum	27	36	51	46	46	55	44	34	40	52	47	44	44	49	39	40	50	56	41	42	46	49	58	60	61	62	55	56	43	43	47	47.2
Scranton[1]	Maximum	80	74	84	89	89	80	69	66	77	80	83	82	87	75	80	74	82	66	68	72	79	80	69	63	70	77	84	80	85	86	89	78.0
	Minimum	42	56	51	57	58	67	45	43	51	60	53	60	57	57	48	50	54	43	37	50	43	66	57	55	59	60	66	64	53	56	59	54.1
Selinsgrove	Maximum	82	81	80	87	85	80	73	66	77	77	82	86	87	79	82	76	80	78	67	72	75	82	84	68	72	74	83	82	84	84	88	79.1
	Minimum	41	58	46	53	54	64	45	38	49	55	53	55	56	57	46	55	59	60	39	54	53	62	63	56	59	59	65	63	51	55	58	54.2
Sharon	Maximum	83	86	91	89	72	63	56	71	78	78	80	84	89	80	86	86	86	75	79	81	80	78	77	83	90	93	90	81	90	93	95	82.0
	Minimum	46	63	63	61	59	46	43	47	61	59	50	54	60	53	54	65	59	59	53	54	60	70	65	69	68	70	68	64	55	60	63	58.7
Somerset	Maximum	79	80	85	83	81	70	48	69	78	77	81	80	81	73	79	79	75	74	72	78	81	79	78	84	77	84	83	79	81	86	84	78.0
	Minimum	35	47	43	46	48	46	40	32	44	50	48	45	48	51	39	50	58	57	47	52	53	58	58	55	55	54	55	56	43	46	48	48.6
Springs[6-1 SW	Maximum	75	76	81	79	79	59	45	64	75	73	78	78	79	71	77	77	72	70	72	77	79	76	75	81	75	79	82	75	76	79	82	74.7
	Minimum	38	46	43	49	48	45	38	32	43	48	45	46	47	53	41	45	58	55	46	50	53	57	53	54	57	62	53	55	44	47	48	48.4
State College[1]	Maximum	79	82	82	87	83	65	61	68	76	76	82	86	84	76	81	75	82	69	69	72	75	79	82	69	74	83	88	81	85	85	89	78.2
	Minimum	50	60	55	59	56	50	47	36	52	56	51	56	57	56	51	58	60	44	38	53	57	62	62	59	60	61	62	60	52	55	58	54.6
Stroudsburg-2 E	Maximum	83	83	80	92	94	88	81	69	75	77	84	86	89	89	83	83	82	82	74	76	78	82	82	63	63	68	87	86	87	88	94	81.5
	Minimum	40	56	44	49	52	56	59	40	41	49	47	58	58	59	63	45	56	58	34	49	37	56	62	54	56	58	62	59	48	48	53	51.6
Tamarack/-2 S	Maximum	79	81	84	86	80	62	60	64	75	72	81	82	83	76	78	68	81	62	68	76	72	74	72	62	68	81	83	74	78	81	84	75.1
	Minimum	44	53	49	50	55	55	47	35	36	50	51	52	56	49	49	52	54	53	33	36	46	52	59	57	55	55	57	56	55	56	60	50.5
Tionesta[6-1.5 SE	Maximum	78	80	73	86	85	65	58	68	77	76	80	85	83	80	80	78	80	70	75	77	80	75	78	84	84	88	81	79	83	87	89	78.6
	Minimum	37	52	46	50	51	43	42	39	40	50	45	55	50	47	42	52	52	55	43	48	41	62	57	61	60	59	58	56	46	51	54	49.8
Titusville-2 S.	Maximum	77	80	84	82	79	60	55	66	72	71	76	81	81	72	78	73	79	76	75	75	76	77	79	80	82	86	85	83	85	81	87	77.3
	Minimum	44	54	57	56	50	42	41	33	54	50	39	41	56	45	46	50	49	51	42	47	45	61	57	62	60	61	60	52	44	49	52	50.0
Towanda[6-1 E	Maximum	81	81	84	89	87	77	70	65	78	75	80	78	85	76	81	73	83	70	67	73	81	78	81	65	74	83	86	80	84	86	90	78.7
	Minimum	36	58	50	51	56	62	47	36	51	55	53	53	51	55	45	47	53	48	32	43	38	62	62	57	59	61	61	59	50	51	55	51.5
Uniontown	Maximum	81	84	86	86	84	74	51	70	77	80	82	82	85	76	85	82	76	75	77	81	83	83	81	86	85	87	84	83	84	85	88	80.7
	Minimum	45	58	57	61	58	49	44	38	52	55	52	54	56	58	51	58	62	60	56	59	59	68	63	63	63	63	62	64	52	61	61	56.8
Vandergrift[1]	Maximum	80	85	89	84	87	67	56	70	79	82	84	86	84	79	86	84	79	78	79	82	85	85	83	88	87	87	88	85	89	89	92	82.5
	Minimum	43	58	52	57	59	45	44	39	51	56	50	50	55	54	48	58	64	62	49	55	57	69	64	60	63	62	63	61	49	54	57	55.1

Continued on page 40.

Daily Temperatures for May 1944—Continued from page 39.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren[6]	Maximum	80	80	86	83	80	61	51	55	74	71	78	82	81	72	77	69	80	70	72	74	78	69	77	79	82	87	87	77	85	86	89	76.5
	Minimum	42	59	55	54	53	43	42	41	40	52	47	46	53	51	44	49	55	42	41	44	46	62	61	62	62	63	60	56	46	52	56	50.9
Waynesburg	Maximum	79	83	84	82	78	58	52	67	76	79	83	81	83	74	83	80	76	75	78	82	89	80	79	86	84	87	86	82	85	87	89	79.6
	Minimum	42	56	59	58	57	48	40	32	46	52	47	50	52	56	46	53	57	58	48	56	59	67	60	62	60	59	57	62	45	52	57	53.3
Wellsboro/	Maximum	81	80	82	87	85	72	62	65	76	77	78	80	83	73	77	67	81	56	67	72	76	75	82	66	75	85	85	78	81	85	88	76.8
	Minimum	31	41	50	47	49	51	48	35	40	51	48	52	49	52	41	42	45	47	29	32	39	43	56	58	58	58	59	56	45	48	51	46.8
West Chester	Maximum	83	79	83	85	85	81	70	68	77	78	80	85	87	80	83	86	83	76	68	69	78	88	75	63	65	73	85	82	85	84	88	79.1
	Minimum	50	55	51	56	57	59	58	40	47	50	56	58	59	58	52	61	55	61	44	51	54	58	55	53	55	56	62	60	61	55	57	55.0
Wilkes-Barre[3]	Maximum	80	76	84	89	90	78	71	66	78	80	84	84	87	80	82	78	82	66	72	74	80	81	73	65	73	77	85	82	85	87	90	79.3
	Minimum	41	51	48	53	55	57	44	40	48	57	52	57	54	49	48	50	54	39	38	45	41	65	56	56	59	61	61	54	52	54	57	51.5
Williamsport	Maximum	84	81	83	88	82	80	73	69	77	88	85	87	89	82	85	76	82	78	68	75	75	84	81	69	76	82	84	83	86	88	92	81.0
	Minimum	43	59	51	53	56	64	50	39	51	56	54	55	50	58	45	64	56	57	37	51	40	61	63	52	59	61	62	61	51	54	55	53.8
Williamstown	Maximum	81	79	81	88	85	83	74	67	76	77	80	85	87	78	82	82	82	82	69	70	75	84	81	67	65	74	86	85	84	85	89	79.5
	Minimum	41	60	49	51	51	63	53	40	46	52	49	52	56	59	42	53	57	61	42	53	50	63	61	53	56	57	63	60	46	50	51	52.9
Woodward[3-2 NE]	Maximum	78	73	78	88	81	66	66	63	72	72	80	80	82	73	76	72	78	62	62	65	70	73	76	61	64	76	80	74	78	79	83	73.6
	Minimum	54	53	50	60	58	48	38	36	49	53	55	60	55	51	58	55	55	36	36	50	54	60	57	54	54	56	62	60	59	62	63	53.3
York-3 SW	Maximum	85	86	86	90	87	86	74	70	81	80	85	89	90	89	86	90	87	85	75	68	78	90	90	72	69	76	91	90	88	89	92	83.7
	Minimum	43	60	52	53	54	63	59	38	48	51	51	56	59	60	49	57	61	62	48	56	55	61	63	57	60	60	65	60	51	58	56	55.5

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.48	11	29.67	21	6.1	21	nw.	18	84	67	71	64	134
Harrisburg	30.44	11	29.69	22	7.4	28	se	6	80	52	65	73	30
Philadelphia	30.46	11	29.69	22	8.0	27	s.	6	84	52	60	65	41
Philipsburg	30.45	11	29.76	22	7.1	47*	s.	9	82	48	71	....	138
Pittsburgh	30.42	11	29.74	22	8.6	36	sw.	13	75	45	54	73	42
Reading	30.47	11	29.67	22	10.1	37	se.	6	75	44	43‡	73	38
Scranton	30.45	11	29.67	22	5.7	34	nw	13	78	52†	..	69	69

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.1	4.4	9	2.4	22†	18
Easton	Delaware	3.5	5.7	1	2.0	23	22
Lehighton	Lehigh	4.0	5.4	8	3.5	22†	9
Reading	Schuylkill	4.9	6.6	1	3.9	27	13
Wilkes-Barre	N. Br. Susquehanna	7.4	19.2	9	4.2	23	22
Williamsport	W. Br. Susquehanna	6.0	15.7	8	3.1	23	20
Newport	Juniata	6.3	11.8	8	4.3	21	22
Harrisburg	Susquehanna	5.7	11.6	9	4.3	23	17
Schenley, (nr) Lock No. 5	Allegheny	15.4	18.9	8	13.4	22	24
Sutersville	Youghiogheny	5.6	10.8	8	4.2	30	20
Charleroi (nr.), Lock No. 4	Monongahela	14.0	16.3	27	11.8	15	30
Pittsburgh	Ohio	*	*	...	*	.....	25
Midland, Dam No. 7	Ohio	*	19.7	8	*	.....	30

* Pool stage † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

(W. B. O., Philadelphia—7-6-44-975.)

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Williamsport 4 SE	"	Shaffers Path

ERRATA

Annual, 1943.—Page 94, Martinsburg, total precipitation should be 29.93 inches; Pymatuning Dam, annual mean temperature should be 46.0°. Page 95, Pymatuning Dam, annual mean temperature should be 46.0°. Page 97, Martinsburg, annual precipitation should be 29.93 inches.

March, 1944.—Page 18, Freeland, greatest 24-hour precipitation should be 1.05 inches on the 19-20th; Greensburg, total snowfall should be 10.2 inches; Ridgway, greatest 24-hour precipitation should be 0.77 inch on 16-17th. Page 22, Erie, maximum on 12th should be 54°, mean maximum should be 39.7°, minimum on 24th should be 34°. Page 23, Port Clinton, mean minimum should be 24.5°. Page 24, Pressure, Wind, Humidity, and Sunshine table, Erie, percent of sunshine should be 47, number of degree days should be 1018.

April, 1944.—Page 26, Curwensville, total snowfall should be 6.2 inches; Donegal, highest maximum should be 75° on 20th; Eagles Mere, greatest 24-hour precipitation should be 0.64 inch on 24th; Titusville, lowest minimum should be 14° on 3d; Williamstown, total precipitation should be 4.53§ inches, departure should be +1.05 inches. Page 28, Williamstown, total precipitation should be 4.53§ inches.

551.05
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CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLIX. JUNE 1944. No. 6.

THE TORNADOES OF JUNE 23, 1944

The most destructive system of tornadoes in the contemporary meteorological history of Pennsylvania occurred over the southwestern counties in the early evening of Friday, June 23, 1944. Loss of life was greater in this catastrophe than from all tornadoes of the previous 70 years in the State.

Nature's most violent manifestation of cyclonic winds—the tornado—is not uncommon to Pennsylvania. At least one twister, in relatively mild form, can be expected to touch some small section of the State each year. The intensity of the 1944 action is without equal in the State and phenomenal in that it persisted in its activity over the rugged terrain covered by its several paths. The nearest approach was that on August 19, 1890 when 16 lives were lost as a tornado passed through Wilkes-Barre.

Conditions favorable for tornadic action developed in the vicinity of the Ohio, West Virginia, and Pennsylvania line during the afternoon of the 23d. A low pressure area was centered over central Michigan at 7:30 a. m., E. S. T., attended by a weak frontal system extending to the southwest from the low center to Milwaukee, Wis. to Davenport, Ia. During the next 12 hours the cold front became more active, especially in its middle section, and moved rapidly eastward, reaching Erie and Mercer, Pa., and Cambridge, O., by 7:30 p. m., E. S. T. This movement across central and northern Ohio was at a rate of nearly 50 miles per hour. By this time, thunderstorms existed along the front with parasitic tornadoes appearing in advance of them. The front continued eastward at this rapid rate until the higher portions of the Allegheny Mountains were reached when its speed dropped to approximately 25 miles per hour and the tornadic action subsided.

The first tornado to affect Pennsylvania originated between 5:30 and 6:00 p. m., E. S. T., in the vicinity of Wellsburg, W. Va. Thence it traveled southeastward to Cumberland Md., a distance of 80 miles, 56 of which were in Pennsylvania. It crossed the State line just east of Wellsburg, W. Va. in Independence Township, Washington County, at a reported time of 6:01 p. m., E. S. T., killing two persons as dwellings and barns were demolished in its path. Two more were killed in Donegal Township, just north of Claysville, before wiping out Camp Buffalo, the summer Y. M. C. A. camp near Taylorstown. The quick thinking of the camp leader saved the lives of 70 young people when he led them from the dining hall to lie in the shelter of a knoll. A horse was carried from a barn north of Claysville and deposited 250 yards away, in the cellar of a house that had been blown away. A letter written by a camper on Buffalo Creek was carried a distance of 100 miles to Grantsville, Md., from which point it was mailed to the address. Entering Greene County at Dividing Ridge, the tornado cleared every building in its path, killed three people at Castile, destroyed the old brick Mt. Zion church and unroofed all but one dwelling in the settlement. The Emerald Coal and Coke Company's mining village of Chartiers, a mile east of Clarksville, consisting of 41 homes and a company store, was completely destroyed and ten persons killed about 7:00 p. m., E. S. T. The company superintendent driving home from the store saw the funnel cloud approaching, got out of his automobile just before it was demolished and blown some distance away. His wife, who took refuge in a cupboard at their home, was found to be alive although the residence was destroyed. Eight more lives were lost at Dry Tavern and in the vicinity of Rices' Landing. At Uniontown debris was noted falling from the sky 35 minutes before the tornado passed to the south. The path of destruction extended to some distance east of Cheat Haven where it passed over the State line about 7:30 p. m., E. S. T., heading toward West Virginia and Maryland.

It is probable that tornadic action developed in Ohio to a small degree an hour or so earlier than at Wellsburg, W. Va., as an investigation by members of the Weather Bureau Office at Pittsburgh indicates evidence of a "major path that extends from Ravenna, O., to the vicinity of Cumberland, Md. However, destruction along this path is only at widely separated points, with the major damage first noted just below Pittsburgh in Baldwin Township." Seventeen fatalities occurred in the McKeesport area of Dravosburg, Port Vue, Versailles, "Avondale Plan" of Boston and Greenock between 6:30 and 6:45 p. m., E. S. T. Twenty-five freight cars were picked up bodily and tossed aside in the Port Vue area. Fortunately, only a portion of the 10th Ward of densely populated McKeesport was affected. As the funnel cloud passed over the Youghiogheny River near Boston, the river was temporarily dried at that point, the mud removed from the river bed and deposited to the east over the "Avondale Plan" of Boston. The path continued fairly well marked along Four Mile Run, the Pennsylvania Turnpike near Donegal, and southwest of Stahlstown to Somerset. Three miles southwest of Stahlstown, members of a family were hurled out of a house while the father was carried 150 to 200 feet with the house. The house was demolished but the man was only bruised.

The course of the third tornado, beginning about 6:08 p. m., E. S. T., extended from Rural Valley, Armstrong County to Twin Rocks, Cambria County. Property damage was extensive in the communities of Rural Valley, Five Points, and Willets. Between Clymer and Indiana, a young mother and child were killed but few persons were injured due to the open country in this area.

The tornadoes had all of their normal characteristics and effects. There was continuous terrific noise, the explosive effect of extremely low pressure, lightning and thunder, although attending rain was comparatively light and little hail was reported. Funnel clouds were not observed over the entire paths but, at some points, several were noted at one time. Those observed "varied in diameter, at the base, from 10 to 100 feet; at the top from 1/2 to 2 miles. Several observers state that the funnel clouds would become detached and would disintegrate as they progressed forward along the path. They had the usual appearance of an elephant's trunk that tended to dip to the ground at intervals and at some points, resembling wobbling tops. The ruggedness of the terrain seemed to have little effect on the course of the funnels in that they tended to move in a straight line but making a path of destruction from 500 to 1,000 feet in width with evidence of damage for one to two miles on either side. Observers who viewed the paths from the air state that there was some meandering but their general direction was from the northwest to southeast and the path looked as though a huge roller had flattened everything in its path."

It is providential that these three paths traversed rather sparcely populated areas. Despite this, loss of life was heavy, property damage extensive. There were 44 deaths, 212 seriously injured, and more than 200 persons with minor injuries; some 200 homes totally destroyed and 500 with major damage. Losses of live stock, barns and stores, and general structures have not been tabulated at the present time. Preliminary estimates place the overall damage in the neighborhood of $2,000,000.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 69.3°, which is 1.1° above the 57 year normal for June. The highest monthly mean was 77.2° at Sharon, and the lowest was 62.8° at Eagles Mere. Extremes ranged from a maximum of 100° at Sharon on the 18th and 19th to a minimum of 29° at Kane and Philipsburg on the 8th.

PRECIPITATION.

The average precipitation for the State as deduced from the observations at 203 stations was 4.53 inches, which is 0.40 inch above the 57-year normal for June. The greatest monthly amount was 8.20 inches at Freeland, while the least was 1.10 inches at Mercer. The greatest amount recorded in any 24 consecutive hours was 3.06 inches at Cedar Run on the 18-19th.

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	68.4	100	30	3.04		9	12	11	7
1889	66.7	95	33	5.43		15	5	12	13
1890	70.1	97	33	3.42		9	12	11	7
1891	68.2	100	30	4.50		11	14	8	8
1892	71.8	99	40	5.64		13	9	11	10
1893	69.8	100	38	3.12		9	10	11	9
1894	69.6	102	30	2.57		10	13	12	5
1895	71.4	104	32	3.50		9	13	10	7
1896	67.4	98	32	4.64		11	10	11	9
1897	64.8	96	28	3.38		11	11	11	8
1898	69.6	100	33	2.79		9	14	11	5
1899	69.9	101	32	3.51		9	13	11	6
1900	69.9	97	35	3.60		10	11	12	7
1901	69.1	103	32	3.47		10	12	11	7
1902	66.0	97	32	5.97		13	11	12	7
1903	63.5	90	34	6.53		15	7	10	13
1904	67.9	96	32	4.06		13	12	10	8
1905	68.0	99	30	4.39		13	11	10	9
1906	69.3	97	28	5.43		13	11	12	7
1907	63.6	98	30	4.99		12	11	9	10
1908	68.8	102	28	2.36		7	19	9	2
1909	68.8	96	34	4.48		13	12	9	9
1910	65.4	95	32	4.31		11	12	8	10
1911	68.3	99	38	4.71		12	12	10	8
1912	65.6	96	29	3.36		8	13	9	8
1913	68.2	99	20	2.26		7	19	7	4
1914	68.6	101	25	3.71		9	16	8	6
1915	65.6	92	31	4.00		11	14	10	6
1916	63.7	89	28	6.14		15	11	10	9
1917	66.8	92	32	5.38		14	12	11	7
1918	66.0	98	29	3.46		10	13	11	6
1919	71.2	102	32	3.90		10	16	9	5
1920	67.0	99	32	4.97		14	12	11	7
1921	70.6	101	26	3.12		8	17	9	4
1922	69.5	96	30	5.11		13	11	11	8
1923	70.9	103	32	2.73		9	16	9	5
1924	65.8	98	26	5.57		15	11	11	8
1925	71.9	104	29	3.04		9	16	11	3
1926	64.1	94	23	3.63		12	13	10	7
1927	63.8	99	25	3.72		9	15	8	7
1928	65.5	93	30	7.96		17	9	9	12
1929	67.8	98	28	3.56		10	15	16	5
1930	69.1	100	22	4.20		9	17	8	5
1931	68.5	102	28	3.71		9	16	8	6
1932	68.5	98	26	3.15		11	13	9	8
1933	70.9	107	28	2.58		9	18	8	4
1934	72.9	104	35	3.64		9	17	9	4
1935	67.4	96	33	4.22		12	13	9	8
1936	68.5	100	33	3.80		10	14	9	7
1937	69.5	99	38	4.37		12	13	9	8
1938	67.1	99	32	5.14		11	12	10	8
1939	69.9	101	35	4.46		13	12	9	9
1940	67.8	95	31	4.11		13	10	11	9
1941	68.6	99	31	4.95		12	14	7	9
1942	69.0	96	34	3.82		13	10	10	10
1943	73.0	101	35	3.33		10	13	11	6
1944	69.3	100	29	4.53		12	10	11	9
Period	68.2	107	20	4.13		11	13	10	7

Climatological Data for June 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	33	70.4	+0.5	93	29	43	8	4.20	+0.37	1.57	19-20	0	9	13	10	7	sw.	Allent'n-Bethlehem Gas Co.
Altoona-4.5 W	Blair	1,500	58	69.0	+2.4	94	29	35	8	6.55	+2.47	1.60	23	0	11	18	9	3	w.	City of Altoona.
Bethlehem	Northampton	364	59	70.5	−0 1	93	18	46	8	4.32	+0.23	1.51	18-19	0	10	14	7	9	w.	Lehigh University.
Burnt Cabins-2 NE	Fulton	990	3	70.2	.....	96	29	34	8	3.62	.....	1.34	23	0	7	12	7	11	e.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	76	70.4	−0.8	94	18†	39	8	4.27	+0.32	1.63	23	0	12	16	4	10	nw	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	72.0	+1.9	98	18	38	8	2.89	−1.06	1.29	23	0	8	10	13	7	sw.	William B Spear.
Coatesville	Chester	431	56	73.4	+3.2	96	18	52	8	3.09	−1.18	0.79	18-19	0	10	7	12	11	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	2	64.0	.....	88	29	35	7†	3.97	.....	1.15	13-14	0	14	4	16	10	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	62.8	.....	88	28	36	8†	5 29	.....	1.12	24-25	0	14	13	3	14	e.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	7	68.2	.....	90	18†	48[a]	5	5 19	.....	1.54	23	0	11	3	12	15	nw	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	58	66.7[a]	+0.8	93	29	37	8	5.07	+0.69	1.25	11	0	15	7	6	17	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ira J. Keath.
Everett-0.5 SW	Bedford	1,020	22	69.8	+2.4	98	29	38	8	2.73	−2 06	0.88	14-15	0	10	6	12	12	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	51	66.4	+1.4	89	29	39	8	8.20	+3.40	2.38	19	0	14	8	11	11	w.	Andrew B. Evansha.
George School	Bucks	184	38	70.7	+1.3	92	29	42	8	6.60	+2.94	2.41	10	0	11	17	4	9	n.	Prof. N. W. Swayne.
Gettysburg	Adams	500	71	72 0	+1.7	93	18†	43	8	2.18	−1.66	0.99	19-20	0	12	13	11	6	s.	Dr. Henry Stewart.
Gordon	Schuylkill	900	40	67.8	+1.6	92	29	35	8	7.53	+3.18	2.97	19-20	0	13	10	10	10	sw.	Miss Sallie M. Johnson.
Hanover	York	600	40	71.6	+0.2	95	29	44	8	1.94	−2.15	0.52	19	0	9	12	12	6	w.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	75	72.0	+1.7	96	18	44	8	5.49	+1.90	1.66	10	0	11	3	11	16	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	34	67.2	+1.2	95	29	36	8	4.72	+0 91	1.76	18-19	0	12	14	11	5	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	29	72.7	+0.1	92	18†	48	8	2.66	−0.76	1 34	10	0	10	10	9	11	nw	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	57	71.4	+2.8	97	29	34	8	2.12	−2.02	0.83	23	0	12	13	7	10	nw.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	57	71.6	+1.3	92	18†	40	8	3.54	−0.44	1.38	18-19	0	11	21	4	5	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	47	68.6	+2.5	95	29	38	8	4.16	+0.30	1 12	18-19	0	9	10	15	5	n.	Carlos P. Darling.
Lebanon	Lebanon	469	60	71.2	+1.4	95	29	42	8	6.68	+2.53	1.79	29-30	0	11	18	6	6	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	6	69.7[b]	.....	95	18	37	8†	6.06	.....	1.61	29	0	13	16	1	13	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	70.6	+0.8	96	29	37	8	4.31	+0.19	1.37	14	0	14	10	10	10	e.	William R. Kelley.
Marcus Hook†‡	Delaware	12	18	75.6	+0.2	99	18	51	8	3.20	+0.35	0.88	18-19	0	12	22	3	5	s.	Sun Oil Co.
Martinsburg	Blair	1,493	2	68.0	.....	91	29	39	8	2.57	.....	1.17	23	0	12	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose-3 E	Susquehanna	1,176	39	64.6	+1.0	90	29	39	8	4.44	+0.39	0.84	23-24	0	15	6	10	14	sw.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	3	63.5	.....	89	29	32	8	4.84	.....	1.96	19-20	0	11	4	21	5	n.	U. S. Weather Bureau.
Palmerton†‡	Carbon	455	26	68 8	+0.3	92	29	42	8	4.99	+1.26	1.19	19	0	13	13	8	9	sw.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	72.2	+1.6	95	18	50	8	3.23	−0.01	1.57	18-19	0	9	5	13	12	sw.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	2	63.2	.....	90	29	29	8	5.08	.....	1.58	13-14	0	11	0	11	19	nw.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	35	71.9	+0.1	97	27	39	8	3.66	−0.13	1.10	14-15	0	10	14	8	8	s.	Phila.-Suburban Water Co.
Port Clinton†‡	Schuylkill	407	6	67 8	−1.4	92	29	37	8	4.08	−0.38	1.71	19-20	0	12	19	6	5	.....	Earl E. Rarick.
Quakertown†‡-0.5 E	Bucks	480	59	68.5	+0.1	91	29	38	8	5 57	+1.66	1.46	19-20	0	16	15	8	7	nw.	John E. Benner.
Reading	Berks	273	74	71.9	+1.5	95	29	47	8	4.50	+0.95	2.36	18-19	0	10	5	13	12	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	50	68.8	+1.0	94	29	41	8	5.66	+1 99	1 58	19	0	13	4	15	11	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	54	69.8	+0.7	92	29	39	8	6.29	+2.39	2.61	19	0	11	12	9	9	sw	Dr. George E. Fisher.
State College	Centre	1,217	59	69.1	+2.3	95	29	38	8	5.70	+1.66	2.03	1-2	0	12	9	8	13	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	25	71.2	+4.4	94	29	38	8	5 03	+0.34	1 08	18-19	0	10	11	8	11	nw.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	4	63.3	.....	88	29	37	8	6.90	.....	2.04	1	0	15	3	20	7	w	James E. Swartz.
Towanda†‡-1 E	Bradford	754	50	67.9	+2.1	95	29	38	8	4.84	+1.02	1.21	18-19	0	13	8	15	7	ne.	Mrs. M. Ordelia Parks.
Wellsboro†‡	Tioga	1,819	74	64.8	+0.3	93	29	33	8	4.78	+1.05	1.15	18	0	12	10	10	10	w.	M. S. Bliss.
West Chester†‡	Chester	440	95	71.2	+1.5	92	18†	45	8	3.51	−1.04	2 05	18-19	0	9	14	7	9	nw.	Clyde T. Saylor.
Wilkes-Barre †‡	Luzerne	544	6	68.6	.....	94	29	39	8	4.49	+0 51	1.69	19-20	0	12	0	20	10	sw.	Civil Aeronautics Authority
Williamsport †‡	Lycoming	550	58	70.6	+1.6	97	29	39	8	6.23	+2.37	2 14	19-20	0	13	9	15	6	w.	John D. McEwen.
Williamstown †‡	Dauphin	775	28	69.0	+0.7	92	29	34	8	4.25	−0.26	1.61	19-20	0	12	3	21	6	.....	Gordon E. Lower.
Woodward-2 NE	Centre	2,191	3	64.1	.....	88	29	39	8	6.61	.....	1.61	14-15	0	14	2	10	18	w.	U. S. Weather Bureau.
York-3 SW†‡	York	390	56	73.2	+3.0	98	18	38	8	3.66	−0.09	1.16	23-24	0	13	16	9	5	sw.	York Water Co.
Division mean				**69.2**	.....	**99**	**18**	**29**	**8**	**4.53**	.....	**3.06**	**18-19**	**0**	**12**	**10**	**10**	**10**	sw.	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	27	67.0	+1.4	91	28	31	8	6.05	+1 61	2.12	23-24	0	9	1	17	12	w.	City Water Dept.
Brookville	Jefferson	1,400	53	66.9	+3.3	92	28	34	8	3.03	−1.24	6 90	23-24	0	10	0	14	16	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	30	71.4	+2.8	97	29	38	8	2.70	−1.92	0 87	2-3	0	10	18	10	2	w.	Butler Eagle.
Clarion†‡-3 SW	Clarion	1,114	34	69.7	.....	94	18	37	8	3.54	−0.62	1.83	23-24	0	12	5	9	16	w.	Penna. Electric Co.
Claysville	Washington	1,170	40	68.9	−0.4	93	18	38	8	3.32	−1.15	0.69	22-23	0	11	15	11	4	nw.	Walter B. Paget.
Coudersport†‡	Potter	1,653	17	66.2	+1.5	93	29	31	8	6.42	+1.79	2.62	18-19	0	12	11	18	1	sw.	Philip R. Shaw.
Derry	Westmoreland	1,150	47	71.5	+2.5	94	18†	38	8	4.93	+0 13	1.25	1	0	12	15	12	3	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	67.4	.....	92	29	32	8	5.02	.....	1.45	14	0	12	11	7	1	w.	Penna. Turnpike Comm.
Donora †‡	Washington	761	18	74.6	+2.5	98	18	44	8	3.98	+0.62	1.11	14	0	11	7	21	2	w.	Donora Zinc Works.
Ebensburg	Cambria	2,170	27	65.2	+0.2	90	27†	33	8	5.48	+0.89	2.15	23	0	11	7	16	7	sw.	Miss. Emma H. Eastman.
Ford City-4 S	Armstrong	950	1	70 0	.....	94	18†	38	8	5.73	.....	1.89	1	0	13	13	2	15	w.	U.S. Engineers.
Franklin	Venango	987	70	68.5	+2.3	95	18	39	8	3.94	−0.41	2.80	23-24	0	14	10	7	13	w.	William K. Fuller.
Greensburg-2 S	Westmoreland	1,160	35	69.2[d]	+0.3	92	18†	34	8	4.22	−0.20	1.48	23	0	14	13	9	8	sw.	Westmoreland Water Co.
Indiana†‡	Indiana	1,300	43	71.6	+3.7	95	18	39	8	7.17	+2.42	2.30	1	0	13	17	12	1	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	67.6	.....	94	28	40	8	3.57	.....	1.66	23-24	.....	13	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown-0.5 W	Cambria	1,650	62	68.9	+0.5	94	29	36	8	6.19	+1.18	1 16	10	0	15	17	9	4	sw.	Robert Tross.
Kane-1 N	McKean	1,750	29	63.8	.....	92	28	29	8	5.31	+0.54	1.32	19	0	13	8	11	11	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	50	68.0	+2.3	94	28	37	8	3.07	−1.02	1.23	22-23	0	10	12	11	7	nw.	City of Meadville.
Midland	Beaver	780	8	72.4	.....	95	18†	45	8	3.74	.....	0.99	14	0	12	8	15	7	nw.	Perry P. Campbell.
New Castle†‡-1.5 N	Lawrence	900	64	72.7	+3.6	97	18†	43	8	3.33	−0.92	1.28	2	0	10	12	18	0	w.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	71 4	+2 8	94	18†	44	8	4.60	+0.79	1.08	9-10	0	15	6	19	5	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	70.6	.....	92	18†	38	8	5.58	.....	2.16	28	0	17	13	9	8	w.	U.S. Engineers.
Ridgway	Elk	1,385	37	66.6	+2.4	94	18†	34	8	4.66	+0.48	1.03	1-2	0	13	8	9	13	s	West Penn Power Co.
Sharon	Mercer	940	31	77.2	+7.8	100	18†	50	8	3.51	+0.14	2.06	2	0	8	13	13	4	sw.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,100	73	67.6	+2.4	90	28	32	8	6.32	+1.29	2.12	14	0	11	3	16	11	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	65.2	+1.3	86	18	31	8	5.63	+0.38	1.27	14	0	13	1	15	14	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	69.0	.....	95	28	31	8	3.50	.....	1.46	22-23	0	12	18	3	9	w.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	1	68.0	.....	93	28	36	8	4.41	.....	1.33	23	0	11	7	14	9	nw.	Arthur M. Stokes.
Uniontown†‡	Fayette	1,040	56	72.5	+2.4	91	18	42	8	5.00	+0.28	1.63	23	0	12	14	15	1	sw.	William W. Marsteller.
Vandergrift†‡	Westmoreland	825	30	72.9	+3.5	97	18†	42	8	6.70	+2.46	2.88	29	.....	8	16	14	0	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	56	67.8	+2.5	90	18†	37	8	5.31	+0.89	1.52	23-24	0	11	9	17	4	ne.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	70.8	+0.1	92	13†	37	8	5.47	+1.22	1.23	15	0	15	9	18	3	sw.	Thomas S Knox.
Division mean				**69.4**	.....	**100**	**18†**	**29**	**8**	**4.52**	.....	**2.88**	**29**	**0**	**12**	**10**	**13**	**7**	w.	
Lake Drainage																				
Albion	Erie	900	...	70.4[a]	.....	97	28	41	7	2.94	.....	1.22	23	0	8	17	8	5	w.	Samuel D. Lewis.
Erie	Erie	705	71	69.2	+3.0	95	27	49	7	3.91	+0.57	1.91	18-19	0	10	9	11	10	w.	U. S. Weather Bureau.
State mean				**69.3**	**+1.1**	**100**	**18†**	**29**	**8**	**4.53**	**+0.40**	**3.06**	**18-19**	**0**	**12**	**10**	**11**	**9**	w.	

[See page 48 for explanation of reference marks.]

Daily Precipitation for June 1944

Stations	Counties	Day of month																											Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike							.33			.35	.54				.50				.63	1.07	.32	18		.23	.08				T			4.23
Hawley[2], 0.5 E	Wayne		.03				.51				.26	.57				.33				.85	.91	.09	05		.61	.03	.45						4.72
Hollisterville[2]	Wayne		.07	.01			.19				.07	.86				.58				.82	1.30	.05	.03	.02	.97	.06	.24				13		5.40
Lakeville[2], 1 N	Wayne		.14				.32				.29	.51				.44	.01			1.27	.53	.13			.70	.12	.10				.05		4.61
Matamoras[2]	Pike						.18				.26	.41				.20				.53	.85	.05	.27		.36	.68					13		3.92
Mount Pocono[3], 2 N	Monroe					.31					.80				.93	.01	T.		.42	1.88	.08	.15		.14	.07	.05			T.				4.84
Pleasant Mount[1,5], 1 W	Wayne					.39					1.47	.01			.54				.35	.66	*	*	*	*	*	*	*	1.41	.50				5.33
Stroudsburg, 2 E	Monroe							1.05			.34	.06			.48	.38		T.		1.08	.99	.19		T.	.15	T				.31		5.03
Tanners Falls[1, 5], 1 SE	Wayne	.11					.52				1.10				.44				.80	.88				.40	.05	.10				.06		4.46
Wallenpaupack[2]	Pike		.02					.47			T.	.55				.35				1.30	.72	.04	.08		.65	.03	.42						§4.63
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh	T.					T.				.48				.93	.03	T.		.42	1.24	.76	.08	T.	.07	.04				T.				4.05
Allentown[2]	Lehigh		T.								.27	.60			T.	.87	T.	T.		.61	1.57	.02	T.		.15	.10	.01						4.20
Bethlehem[1]	N'rthampton						T.				.93				.81				*	1.51	.63	.21		.06	.06	.05			.06				4.32
Blakeslee Corners[1, 5]	Monroe						.50				.62				.85		.06		.03	2.67	.05	.17		.07	.05	.12							5.19
Gouldsboro[2]	Wayne		.03					.36			.46	.44				.75	T.			1.00	1.32	.22		T.	.18	.13	.26			.05			5.20
Lansford[2]	Carbon							.58			.32	.20			T.	1.37	T.	12		.88	1.39				.09	.11				.07			5.13
Mauch Chunk, 1 SW	Carbon					.02	.57				.48	.02			1.10	.41		.13		1.54	1.35	.07			.16	.04							5.89
New Tripoli	Lehigh					T.	.44				.36	.72			1.16	.21				.98	.42	.04	.01	T.	.83	.02		T.		.02			5.21
Palmerton[1, 5]	Carbon					.97	.33				.62			T.	1.04	.02	.03		.53	1.19	.08	.08		.05	.04	.01							4.99
Zionsville, 1 SW	Lehigh										.70	1.80			.75	.40				1.10	1.35				.60	.10							6.80
SCHUYLKILL																																	
Conshohocken	Montgomery							.08			*				*	*				*					*	*							1.96
Fredericksville[2], 1 S	Berks		T.				T.				13	.98			.02	1.49		.08			2.36	.16			.67	.16				1.88			6.15
Gratersford[2]	Montgomery						.07				.08	.47			.02	1.79		.21		.39	.95			14		.11				.10			4.66
Phoenixville[2], 1.5 SE	Chester		.03				.08				T.	1.01			.01	1.10		.08		.22	.73				T.	.11				.43			3.66
Port Clinton[2]	Schuylkill						.08				.34	.58			.06	.82	.05	.15		.51	1.20				.10	.15				.29			4.08
Pottstown[2], 0.5 S	Montgomery						.04				.07	.74			T	.79	.02	.07		.42	1.20				.01	.06				.04			4.28
Pottsville[2]	Schuylkill		.07	.03			.07				.42	.53			.06	.91	.01	.13		.74	1.87	T.			.35	.31				.86			5.57
Reading[1, 5]	Berks	.03									.91				.42	T.	.16		.45	1.96				.03	.15	.14			.25	.07			4.50
Wernersville[6]	Berks	.01				T.					.21	.29			.49	.07		.36		1.37	1.03			T.	.12	.03				.01			3.99
LOWER DELAWARE																																	
Coatesville[6]	Chester	.03						.16				.18			.65	.09			.29	.79					.75	.03			.12				3.09
Doylestown	Bucks						T.				.40	.88			.80	.30		T.		.50	.89	T.		.03	.40	.08				.09			4.37
George School[6]	Bucks										2.37	.04			1.20	.08			.66	1.24	.55			.04	.29	.12				.01			6.60
Marcus Hook[2]	Delaware		.06	.01				.03			T.	.39			.03	.63		.21		.88	.32				.22	.12				.30			3.20
Philadelphia Airport Station[1, 5]	Philadelphia	T				T.					.29				.89	.02	T.		.68	.89	T.			.03	.04	.08			.31	T.			3.23
City Office[1, 5]	Philadelphia					T.					.62				.75	.05	T.		.04	.37	T.			T.	.05	.06			.16	T.			2.10
Shawmont	Philadelphia					T.	.02				.40	.20			.60	.24	.03		.24	.24	.05			.08	.07	.15		T	T.	.40			2.72
Quakertown, 0.5 E	Bucks										.47	.79			.72	.30				.65	1.46	.08			.39	.08				.63			5.57
West Chester	Chester	T.					.11				T.	.13			.37	.31		.21		2.05				T.	.20	.04				.09			3.51
West Grove[2], 1.5 SE	Chester		.05	.14			.11				.03	.22		.10	.42		.35		.47	.43					.39	.23							2.94
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.22					.10			.20	.39				.54		.24		1.16	1.12	.06			1.30	.22								5.55
Centerville[2]	Bradford		.12					.14			.44	.07				.95				1.00	1.13	.18			.40	.43							4.86
Covington[2]	Tioga	.08	.32	.34			.08				.35	T.				.57				1.15	.35	.08			1.55	.42							5.29
Lawrenceville	Tioga	.23		.15		T.					.42				.60	T.				1.12	.24	.04		T.	.58	.78			T.				4.16
NORTH BRANCH																																	
Canton[2], 1 NW	Bradford	.02	.04	.22			.05				.32	.08				.80	.76			1.83	.38	.08			1.86	.38	.02				.44			7.28
Danville[2]	Montour		.06	.18			.21				.36	.40			.10	.81		.44		.30	1.00	.05			1.45	.60					.32			6.28
Freeland[2]	Luzerne						.96				.05	1.47			.02	1.30		.12	.64	.58	2.38	.11	.01		.07	.29					.20			8.20
Millville[1, 5]	Columbia	.06				.61					.52				.60		.58		.12	2.13					.38									6.00
Monroeton[2], 2 S	Bradford		.06	.06			.01				.16	.14				1.15	T.	.04		1.28	.12	.58	.08		.85	.41	.06			1.00				6.32
Montrose[2], 3 E	Susquehanna	.01	.03				.07				.26	.57				.74	.01			.82	.55	.03	.01	.01	.84	.07					1.32			4.44
Orwell[2], 3 N	Bradford	.04					.06				.44	.84				.98				1.08	.16	.54	.04	.30	.67	.19					.42			6.15
Park Place[3], 1 NW	Schuylkill	.01	.01	T.	T.		.28				.43				.98	.01	.24		.37	.11				.17	.40	.06					.81			3.30
Pikes Creek[1, 5]	Luzerne						.70				.49				.98				.05	1.33				.08	.04						.23			4.19
Rush[2], 6 S	Susquehanna	.14	.10					T.			.27	.46				.89				1.24	.11	.09			1.70	.04						.52			5.14
Scranton[1, 5]	Lackawanna	.13		.13		.43					.67				.88				.38	1.58	.02	.12	T	.81	.08	.23					.10			5.66
Susquehanna[2]	Susquehanna	.03	T.	T.				.38			.29	.28				.25				1.18	.35	T.	.01		.43	.13	.68					.20			4.21
Towanda[6, 1 E]	Bradford	.10	.02			T.	.18				.72				1.16	.01				1.21	.04	.33		.01	.54	.37								4.84
Tunkhannock[1, 5]	Wyoming	.04				.22					.17				1.07				.02	1.68	.03			1.46	.03						.15			4.74
Wilkes-Barre[3]	Luzerne	T.	.11			.39	T.				.60				.94		.08		.02	1.61	.08	.04		.09	.02	T.					.02			4.49
WEST BRANCH																															.51			4.49
Ansonia[2], 2 W	Tioga	.19	.08	.04							.71	.02			.19	.33				2.02	.36	.19		.01	.21	.44								4.79
Bald Eagle[1, 5]	Blair	.64	.10							.05	.39			.46	1.16					.40				.37	.14								3.71
Carrolltown[2]	Cambria	.33	.62	.05	.03	.05	.01				.51	.08			.14	.51	T.	.27		.97	.23	.10		.03	2.85	.36							7.14
Carter Camp[1, 5]	Potter	.68	.12								.90				.69	.03			.70	1.30	.11			.19	.68								5.40
Cedar Run[2]	Lycoming	.18	1.02	.04							.62	.05			.19	.67	.51	.06		3.06	.78	.11			.27	.47					.02			8.00
Clearfield[2]	Clearfield	T.	.26								.33				.75	.32		.16		.34	.08				.40	.14					.02			2.80
Curwensville[3] 6 NW	Clearfield	.90	.01			T.	.03		.30	.02	T.		.52	.63	.01	.08				.50	.17	T.	T.	.32	.25			T.		.23			3.97
Driftwood[1, 5]	Cameron	.64									.48		.07	.84		.27		.33		.40													§§
Dushore[1, 5]	Sullivan	.19	.04			.39					.16			.50						1.33	.06	.20		1.32	.71	.11				.62				5.63
Eagles Mere[2]	Sullivan		T	T.			.07				.05	.18				.73	.17	.02		1.00	.82	.28	.02		.53	1.10	.02				.30			5.29
Emporium[2], 1 E	Cameron	.72	.25	.10			T.	T.			.76	.01			.65	.60	T.	.05		.55	.17	.08		.49	.21	.42			T.	.01			5.07
English Center[1, 5]	Lycoming	.75									.23				.53	*	*	*	*	2.60	.03			.32	.41	.03			.81				5.71
Galeton	Potter	.27	.42			.04					.90				.92		T.		.10	2.72	.24			.26	.51	.07							6.45
Harthaus[2]	Clearfield		.88								.39				.66	.23		.67		1.42	.19				.06	.34					.25			5.09
Hock Haven[2]	Clinton		.10	.19			T.				.53	.25			.68	.69	.14	.55		.47	.38	.02		T.	.08	.17					.06			4.31
Medix Run[1, 5]	Elk	.15	.10							.14	.20				.71		.49		.17	.38	.04			.25	.24								2.87
Philipsburg[3], 7 E	Centre	1.37	.12		T.	T.	T.		.06		.39			.78	.80	T.	.26		T.	.68	.04	T.	T.	.26	.32								5.08
Renovo[2]	Clinton	.05	.68	.09			.01				.29	.02			.48	.53	.59	.02		1.38	.21	.11		.03	.13	.30							4.92
State College[1, 5]	Centre	2.01	.20			T.	T.		.08		.24			.39	.80	.43	.28			.95	T.			.15	.09					.08			5.70

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Tamarack[2], 2 S	Clinton	.24	1.80	.50		T.	T.	T.			.48	.04			.76	.70	.37	.06		1.18	.13	.12		.01	.06	.45	T.						6.90
Wellsboro[2]	Tioga	.09	.17	.08							.50	.11				.70				1.15	.40	.10			1.11	34	.03					1.19	4.78
Williamsport[2]	Lycoming		.38	.02							.06	.22			.03	.71	.18	.45		1.08	1.51				.10	.30	T.					1.38	6.23
Williamsport[2], 4 SE	Lycoming		.17	.03							.04	.29			.06	1.01	.14	.32		1.86	1.02	.02			.30	.34	T.						6.98
JUNIATA																																	6 55
Altoona, 4.5 W	Blair	.85	.03								.92				.68	.04	.37			.48	.31	.04		1.60	1.23						T.		2.32
Breezewood[1], 0.5 E	Bedford	.03	.09		.05		.02				.39				.68	T.	.05			.48	.02		.01	.37	.13							3.06
Buffalo Mills[2]	Bedford		.13	.22							.39	.15			.18	1.18	.11				.21				.37	.12							3.62
Burnt Cabins[1], 2 NE	Fulton	.11	T.								.86				.25		.36			.49				1.34	.21						.99		5.19
East Waterford[2], 3 E	Juniata		.19	.03		T.	T.	T.			.55	.28			.55	.32		.29			.32	T.			1.54	.13							2.73
Everett[2], 0.5 SW	Bedford		.25	.15		T.					.35	.05			.16	.72		.11			.33				.48	.13							2.12
Huntingdon[2]	Huntingdon	.03	.08								.14	.10			.33	.12	.05	.33		.03	.03				.83	.05						1.61	6.06
Lewistown[2], 2 SW	Mifflin		.18	.02							.14	.27			1.50	.35	.41	.34		*	.54				.56	.14							1.83
Mapleton Depot[2]	Huntingdon		.02							.01	.16	.01		.06	.39	.01	.07			.54	T.			1.17	.14							2.57
Martinsburg[3]	Blair	.08	.04		.02		T.				.04				.36	.52		.18			.36				1.05	.15							3.35
McConnellstown[2], 4 NW	Huntingdon	.02	.35			.04	T.	.02			.14	.16		.32	.85		.10	*	*	.92	.06			.85	.14								3.91
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.09					.16			.04	.38					.08		.41		.72	.10			.05	.07	T.							5.23
New Bloomfield	Perry	.02	.83	.52			.40				.54				1.49		T.	.14		.93	.18				.06	.08							4.37
Newport[2]	Perry		.60	.34				.12			.38	.15			1.06	.33		.15			.12				1.68	.25							3.11
Saxton[2], 1 W	Bedford		.15	T.	.15						.25				.13	.23				.03					.38								1.71
Shade Gap[1, 5], 0.5 SW	Huntingdon	.20					.09				.53				.33		.15								.86	.15					.04		3.20
Shaver Creek[2]	Huntingdon		.11	.02				.17			.18	.23			.91	.27		.06			.20												
LWR SUSQUEHANNA																																	2.19
Arendtsville[2]	Adams		.05	.01				.03			.21	.12			.06	.39	T.	.10			.30				.67	.07					.18		4.74
Bloserville, 1.5 N	Cumberland	.82	.04	.37	.02	T.	.23				.40	.02			.64	.06		.63		.18	.30			.20	.74	.09					T.		4.27
Carlisle[6]	Cumberland	.15	.89		T.		.03				.56				.69	.04	.24		T.	.36	.16			.17	1.46	T.					.02		3.72
Columbia[6]	Lancaster	.14	.16				T.				.74				.80	.01		.45		.87				T.	.45	.10							4.09
Dauphin[2], 3 N	Dauphin		.72	.06	T.			.09			.29	.48			.79	.32	T.	.19		.72	.18				.05	.20							
Ephrata	Lancaster																																3.06
Glen Rock[1, 5]	York	.21	.04	.02							.02			.02	.69		.26			.30				1.45	.05						.18		7.53
Gordon	Schuylkill	.12		.22			.07	.92			.41				.92	.02	.25			2.00	.97				1.00	.45						.02		5.80
Grantville[6], 4 NW	Dauphin	.14	.03				.08				.59				.91	.08	.09			1.33	.04			.03	2.37	11							1.94
Hanover[2]	York		.09	.11				.02			.08	T.			.19	.31		.25			.52				.87	T.				T.	T.		5.49
Harrisburg Apt[1, 5], 3.5 S	Dauphin	1.27	.12		.09		T.				1.66			T.	.88	.01	.12		.66	.34	T.			.21	.13	T.							2.66
Holtwood[2]	Lancaster		.17	T.	.01			.05			T.	1.34			.19	.23	T.	10		T.	.13				.22	.22						.05		2.61
Huntsdale[2]	Cumberland		.10	.08							.17	.05			.12	.26		.71			.62				.38	.06							2.93
Kirkwood[1, 5], 1 SW	Lancaster	.21					.13				.10				.58	.01	.50		.80	.21	.04			.10	.25						.30		3.54
Lancaster	Lancaster	T.	.02	T.				.02			.39	.13			.63	.07		.23		1.38				T.	.29	.08						1.79	6.68
Lebanon[2]	Lebanon		T.					.19			.15	.81			.25	.40		.30		1.14	.57				.70	.38					.01	.01	6.50
Middletown[1, 5], 1.5 W	Dauphin	1.46	.03	.01	.06		T.				.91				1.03	.02	.26		1.59	.65	.05	T.		.21	.20	T.							4.27
Millersburg[1, 5], 2 E	Dauphin	.40	.19				.28				.73				.86		.13		.72	.30				.85	.11								7.13
Milroy[2], 5 N	Mifflin		1.53	T.		T.	T.	.76			.06	.05			1.30	.32	.84	.57		.43	.69	.27		T.	.15	.16					.15		4.05
Newburg[1], 3.5 NW	Cumberland	1.02	.01		.07		T.				.35				.34	.02	.33			.73					.74	.29							3.11
New Park	York	.50		.45				.08			*	*			.66	.02		.06		.38	.56				.02	.93	.13					.29		3.92
Pine Grove[2], 1.5 NE	Schuylkill		.07					.11			.25	.20			.11	.61		.43		.26					.26	.62		.03			.02		4.88
Ringtown[2], 1.5 SW	Schuylkill		.01	T.				.42				.42				.90		.10		.25	.04				.30	.42					T.		6.29
Selinsgrove	Snyder	.68						.63			.26	.06			1.13	.06	*	.45		2.61	.21				.20						.70		3.33
Shippensburg	Cumberland	.10	.12		T.						.38				.22	.05		.51		.30	.04			.74	.17						T.		6.54
Sunbury[2]	N'umberland		.74	.50				.59			.20	.08			.29	.73	.01	.35		.82	1.88	.04			.09	.22							4.25
Williamstown[2]	Dauphin		.15					.11			.20	.12			.29	.31		.31		.91	.70	T.			.44	.66	.05						6.61
Woodward[3], 2 NE	Centre	.21	.57		T.	T.	.19				.26			.13	1.61	.29	.45		.72	.82	.01	T.		14	.55	T.				.66			3.66
York, 3 SW	York		.39	.17				.02			.23	.16			.52	.02		.28		.33	.26			.12	1.13	.03							4.85
York Haven[2]	York		.97		.18						.02	1.12			.73	.32		.45		.07	.47				.29	.23							
Potomac Basin																																	2.89
Chambersburg[2], 1 SW	Franklin		.08	T.	T.			T.			.28				.05	.34		.47			.29				1.29	.09							2.18
Gettysburg	Adams	T.	.01	.01	T.			.03			.07	T.			.25	.11		.12		.49	.50			.30	.26	.03							1.90
Hewitt[6], 2 SW	Bedford	.50		.10							.15				.72					.15				.10	.18								2.09
Hyndman[2]	Bedford		T.	.35							.48				T.	.65	T.				.32	T.			.29	T.							3.11
McConnellsburg[2]	Fulton		.12	T.	.11						.46				T.	.44		.16			.23				1.44	.15							
Mercersburg[2]	Franklin																																3.30
South Mt. San't'm[2]	Franklin		.04	.09		.04		T.			.13	.03			T.	.27		.33			.38	T.			1.89	.10							
GULF DRAINAGE																																	
Ohio Basin																																	5.40
ALLEGHENY																																	3.14
Acmetonia[2]	Allegheny	.29	T.	.42			.08				.41	.11			.03	.31	.70	.91		.71		.02		.02	1.05						.34		5.94
Allens Mills[1, 5]	Jefferson	.38							.03	.28	.12				.67		.11			.22	.11		.60	.20	.42						1.17		4.93
Blairsville[2], 6 NE	Indiana	.12	.25	.67	.26		T.	T.	T.		.60	T.			T.	.35	.13	.62		.84	.39	.06		.17	.31						.52		6.05
Boswell[2], 6 NW	Somerset	.05	.80	.52							.77				.03	.38	.10			.54	.08	.36		.09	.69								3.03
Bradford, 4 W	McKean	.72	.16								.72				.56		T.			.81	.40	.25		.31	2.12								4.54
Brookville[3]	Jefferson	.17				.01	T.	T.		.59	T.			.68	.15		.01			.40	.04			.80	.18						.93		3.54
Buckstown[1, 5]	Somerset	.16	.98						.02	.04	.76				.71	.07	.13			.28	.14		.04	.28									6.42
Clarion[2], 3 SW	Clarion		.11				.06	.03	T.		.45				.30	.05		.52		.12	.05	.02		.38	1.45								4.93
Coudersport	Potter	.04	.90	.01		.01		.02						.01	.70				.03	2.62	.12			.50	1.46								5.02
Derry	W'moreland	1.25		.73	.30						.68				.61	.38	.18			.16	.10		T.	.18	.33						.03		4.30
Donegal[1]	W'moreland	.20	.61	.07				T.		T.	.99				1.45	.41			T.	.26	.53		.07	.40							.03		5.48
Dunlo[1, 5], 0.5 SW	Cambria	.30	.18	.22					.02	.03	.44				.72	.02	.26			.83	.05	.01		.63	.33							.28		5.78
Ebensburg[2]	Cambria	.16	.24	.43						T.	.68	.08			.15	.35	T.	.16		.42	.10	.10			2.15	.46							1.00	5.73
Ford City[2], 4 S	Armstrong	.70	1.19	1.10			.09	T.			.62				.10	.25		.21		.21	.02	.02		.15	.07									3.94
Franklin[2]	Venango	.05	.16	.02			.03	.01			.61				.08	.03				.03	.10	.02		2.45	.35									5.79
Glen Hazel[2], 1 NE	Elk	.40	.22	.01			.02	.10			.98	.01			.55	.24		.03		1.26	.52	.11			.96	.38								7.17
Home[1, 5]	Indiana	1.30	.33						T.		.52				.30	.08	.58			.85	.05										11	.10		6.19
Indiana	Indiana	.81	1.49	.33							1.16				.33	.20	1.42			.95	.02	T.		.54	.35					T.	.03		5.31
Johnstown[6], 0.5 W	Cambria	.62	.02	.61	.05				.03	.02		.80		T.	.85	.07	.45		.04	.32	.88	.04		.16	.89								5.51
Kane[1], 1 N	McKean	.57	.08								T.	.80			.66		.02		.16	1.32	.24	.02	T.	.52	.87						T.		5.86
Kregar[1], 4.5 SE	W'moreland	.21	.43	T.	T.						*	.92			1.09	.44				.38	.19		T.	1.85	T.								3.27
Lycippus, 1.5 E	W'moreland	.55	.45	.85								.72			.62	.44			.03	.18	.37	T.		.25	1.40								3.07
Marienville[1, 5]	Forest	.39								.17	.43			.02	.55					.62	.18		.19	.47	.25								5.00
Meadville[2], 1 S	Crawford	.03			.19				.06		.68				.05					.57	.10	.02		1.23	.14								2.17
Mosgrove[2]	Armstrong	.15	.11	.63				.97		.03	.37	T.			.01	.52	T.	.40		.07	.08	.03		T.	1.63								5.24
Parkers Landing[2]	Armstrong		.04	.42				.03			.22				.02	.12		.09		.13	.02			.18	.90						.01		5.25
Pittsburgh Cty Of[15]	Allegheny	.93	.79	.15		.36	.01	T.		.17	.10				.57	.72	.04		.74	.32	T.		.01	.32									6.97
Port Allegany[2]	McKean	.38	T.	.38			.02	.01			.56	.04			.28	.33	T.			.97	.38	.19			1.03	.68								
Punxsutawney[2]	Jefferson	.05	.69	T.			.06				.31				.71	.13		.20		.36	.02	.05		T.	2.30	.10						1.81	

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong	.23	.68	.11			.01		.02		.80				.13	.47	.07	.35		.16	.01	.03		.49	1.67	.02					.33		5.58
Ridgway[2]	Elk	.72	.31	.01			.07		T.		.82	T.			.66	.32		.76		.27	.04	.08			.38	.22							4.66
Saltsburg[2]	Indiana	.08	.41	.31	.05		T.	T.	T.		.52				.06	.75	.09	.10	T.	.37	.29	T.		.35	.23						.34		3.95
Seward[2]	Indiana	.09	1.23	.72	.76						.85				.22	.73	.12	.39		.52	.32				.73						.16		6.84
Sheffield[1, 5], 6 W	Warren	.08							.02	.20	.25			.02	.31					.71	.20			.55	.60								2.94
Smethport[1, 5], 1 SW	McKean																																
Strongstown[1, 5]	Indiana	.37	.32	.58	.07	.03	.03			.06	.45				.58		.46			1.50	.06			1.22	.09						.07		5.84
Tionesta[2], 1.5 SE	Forest	.06	.10				.02	T.			.76				.15	.06				.38	.09	.06		1.46	.33	.03							3.50
Titusville, 2 S	Crawford	.23						.03			.58				.37					1.16	.18	.06	.40	.94	.39			.07					4.11
Union City[1, 5]	Erie	.04	.11							.16	.49			.07	.09		.03			.09	.18	.06		.10					.09				1.51
Vandergrift [1]	W'moreland	.75	.40								.76				.70		.27			.62				.32						2.88			6.70
Warren[2]	Warren	.30					T.	.50			.47	.19			.42			.37		.33	.30	.10			1.52	.81							5.31
Youngsville[1, 5]	Warren	.16								.15	.38			.03	.49		.10		.10	.46	.06			.69	.50								3.12
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.02	.69	.16							.75	.04			.39	.75	.18	T.	.06		.44	.12		T.	1.52								5.12
Connellsville[2]	Fayette	T.	.34	.37							1.13	.07			.10	.65	.21			.14	.13		T.	.11	.38						.34		3.97
Donora[1]	Washington	.93	.35	.24	.11		T.			25	.40				1.11	.07	T.			.17	T.		.03	.32								3.98
Greensboro[2]	Greene	T.	.05	.22							1.10	.04			T.	.46	.30	.04	.02		.19	.02		.34	.78			T.	T.		.51		4.07
Greensburg, 2 S	W'moreland	.53	.02	.32			.02				.52				.62	.18			.07	.03	.15	T.	.01	.26	1.48					.01			4.22
Irwin	W'moreland	1.17	.12	.62	.10		.01	.01			.51				.29	.42			.18	.23	.03		.01	.26	1.28						T.		5.24
Meyersdale[2]	Somerset		.90	.09							.53	.03			.13	1.17	.32				.98	.04			1.06								5.25
Murrysville // [1, 5]	W'moreland	.68	.29							.71	.15				.46	.44	.04			.42	.05			1.20						.46			4.90
Newell[2]	Fayette	.11	.93	.28	.03						.85				.10	.18	.02	.06	.02	.20	.04		.01	.37	.45						.02		3.67
Pittsburgh Arpt.// [1, 5]	Allegheny	.24	.27	.40	.01		T.	T.		.85	.23			T.	.70	.06	.01		.48	.65	.01		.04	.49	T.					.16			4.60
Rices Landing[2]	Greene		1.06	.17							.65	.03				.11	.58	.05	.01	.30	.08	.11		.16	.80						.18		4.29
Somerset	Somerset	.92	T.	.23	T.		T.				.98				2.12	.38			T.	.25	.10	.02		.11	1.17						.04		6.32
Springs[6], 1 SW	Somerset	.47		.26		.02					.75				1.27	.19			.06	1.05	.19	.05	.03	.27	1.02								5.63
Uniontown	Fayette	.90	.06	.20			T.				1.15				.40	.33	.03	T.		.18	.07		.05	.26	1.37								5.00
Waynesburg	Greene	.09	.21	.21	.68						.84				.03	1.23	.04		.21	.49	.03		.47	.43	.35						.16		5.47
BEAVER																																	
Beaver Falls[2]	Beaver			.13	T	T.		T.			.82				T.	.04	.07	T.	T.	.02	T.	T.		.03	1.01								2.12
Butler	Butler	.28		.87							.37				.34	.06	.16			.11	.03			.28	.20								2.70
Greenville	Mercer	.08		.04	.31			.02		T.	.65				.40	T.				.06	.23		.01	.96	.01								2.77
Jamestown[2], 2 NW	Mercer	.04	.26	.03	.19	.02		.01			.54	T.			.35	.02				.05	.07	T.		.33	1.66	T.							3.57
Mercer Arpt.[3], 2.5 NE	Mercer	T.	.11					.03		.35	.09			T.	.12	T.				T.	.11		T.	.29	T.								1.10
New Castle, 1.5 N	Lawrence	.15		1.28			.60				.27				.28	.08	.22			.08				.35	.02								3.33
Pennline, [2], 1 S	Crawford	.14						.04			.88				.12					.48	.10	T.		.56	.10								2.42
Sharon[2]	Mercer		T.	2.06			T.				.28				.07	.32				.02	.26			.29	.21								3.51
OHIO																																	
Claysville[2]	Washington		.19	.24							.32					.38	.03	.20	.37	.25		T.		.69	.26						.39		3.32
Coraopolis[2], 1 E	Allegheny	.88	.23	.18	.02						.62				.44	.22	.16		.71	.18		T.		.29	.08						.01		4.02
Midland[2]	Beaver	.26	.24	.68	T.						.31				.65	.34	.09		.16	.08	T.			.47	.23						.23		3.74
Mt. Lebanon[6]	Allegheny	.85	.29	.04	.20	T.	T.	T.			.50				1.10	.17	.03		.08	.45	T.		.05	.41						.37			§4.04
Washington[1, 5]	Washington	1.27	.60	.02	.04					.29	.11						.40		.30	.44		.01	.09	1.96						.24			5.77
LAKE DRAINAGE																																	
Albion[6]	Erie	*.10*		.02				.04			.58				.09					.52	*.37*			1.22									§2.94
Erie[1, 5]	Erie	.60	T.							.27	.46			T.	.11				1.59	.36	.05		T.	.42	.01					.04			3.91
Raymond[1, 5]	Potter	.38	.13				.27				.92				.68				.92	1.09	.20			.91	.90								6.40

[See page 48 for explanation of reference marks.]

Daily Evaporation(inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jamestown[2], 2 NW	Evaporation	.188	.108	.162	.246	.232	.208	.166	.098	.094	.072	.100	.166	.220	.046	.160	.166	.208	.246	.210	.236	.006	.226	.136	.290	.220	.182	.186	.196	.212	.254	....	5.240
	Wind movement	21	13	5	36	41	24	41	7	11	27	18	12	2	*27*	11	8	12	6	13	17	14	15	18	35	36	12	5	4	7	21	....	519
Shaver Creek[2]	Evaporation	.204	.154	.132	.302	.054	.070	.196	.168	.172	.134	.168	.248	.180	.146	.016	.060	.214	.244	.198	.170	*	.336	.140	.126	.082	.276	.220	.222	.214	.204	....	5.050
	Wind movement	4	12	17	29	1	11	17	40	4	6	30	15	5	9	0	1	4	21	7	18	71	39	10	25	94	33	13	1	1	4	....	542
Wallenpaupack[2]	Evaporation	.224	.090	.181	.214	.188	.208	.159	.164	.195	.031	.148	.120	.187	.286	.073	.087	.290	.235	.311	.157	.187	.156	.198	.012	.074	.122	.295	.084	.266	.246	....	5.042
	Wind movement	60	23	57	81	94	136	140	94	67	82	88	36	44	30	36	107	129	73	93	52	101	98	62	68	121	5	28	57	33	107	....	2202

Italics mean minus quantity. [See page 48 for explanation of other references.]

Daily Temperatures for June 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	82	86	76	87	89	84	65	75	77	68	75	80	79	83	....	89	84	94	82	70	76	80	85	82	80	88	94	97	85	74	....	81.6[a]
	Minimum	64	61	61	56	58	63	41	42	44	52	51	49	55	65	....	64	65	66	62	53	51	66	70	63	60	60	71	73	74	58	....	59.2[a]
Allentown Arpt.[3-4 NE]	Maximum	85	91	85	72	71	82	74	79	84	73	85	86	87	65	70	94	92	92	83	78	69	87	78	73	80	88	91	94	93	86	....	82.2
	Minimum	65	64	58	55	54	54	46	43	50	54	58	54	61	57	57	61	64	60	64	66	56	56	63	64	64	62	64	66	66	68	...	59.1
Allentown /.	Maximum	85	88	82	74	69	82	69	74	82	75	82	83	84	67	71	90	89	91	83	76	69	85	77	72	79	86	90	91	93	85	....	80.8
	Minimum	64	64	66	55	54	55	60	43	49	57	58	52	60	62	57	58	65	60	65	62	58	55	61	67	65	62	63	66	66	69	....	59.9
Altoona-4.5 SW.	Maximum	83	84	86	79	68	82	78	72	78	77	78	82	82	76	80	88	85	91	89	77	74	80	82	78	80	80	87	87	94	84	....	81.4
	Minimum	63	65	64	55	52	56	48	35	45	60	52	50	51	58	61	63	65	63	62	53	52	52	63	60	56	53	59	60	65	56	....	56.6
Arendtsville[6]	Maximum	87	87	88	70	69	83	77	73	76	80	80	86	86	72	72	91	91	95	90	76	77	82	81	74	80	89	92	92	95	85	....	82.5
	Minimum	64	64	63	56	54	53	52	42	46	58	57	53	64	60	60	59	63	68	64	60	57	53	63	64	66	59	68	64	62	68	....	59.5
Bethlehem[1]	Maximum	83	88	78	67	68	82	68	75	82	73	83	85	87	70	69	91	90	93	85	76	67	85	78	71	78	89	91	89	92	83	....	80.5
	Minimum	68	65	62	52	51	61	52	46	53	56	58	55	64	56	56	64	66	64	64	60	59	59	66	64	64	66	66	66	66	68	64	....	60.5
Bradford-4 W.	Maximum	86	79	80	75	83	80	73	70	73	73	76	79	79	77	82	85	85	81	88	80	61	72	78	81	76	82	89	91	90	79	....	79.4
	Minimum	59	56	60	46	53	66	40	31	42	55	49	46	50	56	56	61	64	64	66	51	52	48	59	57	56	55	56	62	65	58	....	54.6
Brookville[3].	Maximum	84	85	85	75	83	81	55	72	79	76	78	82	82	76	82	85	85	91	84	59	73	78	80	67	79	84	90	92	91	78	....	79.7
	Minimum	63	62	63	55	53	54	35	34	44	55	49	48	54	61	61	56	60	58	56	52	50	48	62	58	54	50	57	61	58	52	....	54.1
Burnt Cabins[1-2 NE]	Maximum	89	88	88	65	73	84	66	74	79	83	80	86	88	84	82	92	90	95	89	69	76	84	85	70	82	87	91	93	96	82	....	83.0
	Minimum	61	62	61	58	55	58	43	34	44	60	54	50	58	58	61	58	62	60	65	58	56	50	64	63	63	55	59	65	64	64	....	57.4
Butler.	Maximum	91	84	86	85	87	89	87	69	78	78	81	81	85	88	85	85	88	93	95	87	71	78	80	82	83	85	92	95	97	95	....	85.3
	Minimum	65	63	62	55	56	70	48	38	46	47	47	49	58	65	63	58	65	64	64	54	54	52	66	60	51	62	60	64	62	56	....	57.5
Canton /-1 NW.	Maximum	78	85	66	58	67	76	59	71	75	73	76	82	78	60	75	87	81	86	....	65	70	80	79	67	72	82	84	88	91	76	....	75.4[a]
	Minimum	60	58	62	45	49	51	47	36	41	50	52	49	53	56	52	56	62	57	61	56	51	53	60	59	57	53	58	62	62	56	....	54.1
Carlisle[6].	Maximum	88	86	85	74	70	74	75	72	82	77	79	84	85	77	74	91	88	94	92	82	80	83	80	76	78	87	91	91	94	88	....	82.6
	Minimum	64	62	62	52	53	54	55	39	50	57	55	51	60	55	60	60	62	60	64	60	54	60	63	61	63	56	60	64	64	67	....	58.2
Chambersburg[6-1 SW.	Maximum	90	92	91	72	74	83	70	79	80	84	85	89	90	75	80	95	93	98	95	79	80	81	82	72	82	86	91	91	94	84	....	84.6
	Minimum	64	62	65	57	55	52	56	38	46	62	58	53	61	59	60	61	61	64	66	61	58	54	62	64	65	58	62	66	65	69	....	59.5
Clarion[6-3 SW.	Maximum	84	86	88	78	88	81	67	75	83	85	81	84	83	83	84	88	86	94	86	72	76	81	82	73	81	87	90	93	92	79	....	83.0
	Minimum	61	62	62	57	55	64	46	37	45	57	49	49	54	63	61	57	61	60	65	54	51	51	64	58	56	53	59	62	65	54	....	56.4
Claysville /.	Maximum	84	85	85	86	84	78	60	73	83	76	76	81	90	86	82	86	88	93	85	59	77	73	83	76	80	82	90	91	91	77	....	81.3
	Minimum	64	63	60	59	60	67	51	38	42	51	55	50	53	60	63	59	65	66	65	57	44	49	61	60	50	51	52	62	64	55	....	56.5
Coatesville[6].	Maximum	91	90	85	71	71	86	72	76	83	82	81	87	87	71	74	93	90	96	88	79	75	87	82	77	80	88	93	91	95	85	..	83.5
	Minimum	72	67	69	56	53	54	61	52	58	59	62	55	68	59	58	66	65	76	68	63	59	59	70	66	68	63	66	69	68	70	....	63.2
Columbia[6].	Maximum	93	91	88	75	78	84	71	77	82	84	85	89	90	79	74	94	93	95	92	80	78	87	84	78	82	88	94	92	97	87	....	85.2
	Minimum	66	63	68	55	51	....	..	40	48	62	58	53	63	56	61	62	64	62	68	68	57	55	64	65	65	60	62	67	65	72	....	60.7[b]
Coudersport[6].	Maximum	84	79	84	64	75	81	59	71	76	70	75	76	79	70	85	81	89	85	87	78	72	83	80	74	80	84	90	91	93	87	....	79.4
	Minimum	60	57	58	36	52	58	44	31	38	58	49	41	49	55	53	65	64	60	51	54	50	57	62	55	57	52	52	57	62	52	....	53.0
Curwensville[3-6 NW.	Maximum	76	78	81	60	72	77	50	69	72	70	75	78	75	60	77	82	82	86	79	56	69	77	76	61	75	80	85	86	88	72	....	74.1
	Minimum	61	62	52	50	51	50	35	35	47	52	49	52	59	57	58	61	60	60	55	50	50	50	58	54	55	55	60	64	57	56	....	53.8
Derry.	Maximum	81	84	86	78	87	82	72	74	85	76	78	81	87	83	81	88	88	94	90	81	76	77	83	79	81	85	88	93	94	80	..	83.1
	Minimum	65	67	64	63	59	69	50	38	52	63	56	52	58	66	63	62	68	65	67	52	57	54	65	58	56	56	61	65	68	58	....	59.9
Donegal[1].	Maximum	83	81	81	76	84	80	63	71	81	75	76	80	87	76	72	85	83	90	85	66	71	75	80	70	78	82	90	90	92	75	....	79.3
	Minimum	60	62	57	57	53	62	44	32	48	58	52	48	55	63	60	58	62	63	51	51	50	63	58	54	49	54	61	65	57	....	55 6
Donora[1].	Maximum	92	89	89	90	89	83	68	75	86	81	80	86	92	90	85	90	92	98	90	70	82	76	85	81	85	89	94	95	96	82	....	86.0
	Minimum	65	69	65	67	64	67	52	44	55	66	59	58	64	71	69	65	68	72	69	57	56	60	69	64	59	58	66	68	72	62	....	63.3
Eagles Mere /.	Maximum	76	80	64	54	63	71	60	69	72	65	58	80	77	60	74	81	81	82	76	63	66	72	73	62	72	86	76	88	87	72	....	72.0
	Minimum	61	61	61	47	48	48	46	36	36	52	52	51	56	56	50	54	58	63	61	56	50	51	54	53	53	57	57	62	65	57	....	53.7
East Waterford-3 E.	Maximum	85	82	82	70	61	76	68	72	72	72	76	81	81	71	75	85	82	90	84	75	68	78	76	69	73	81	87	87	90	79	....	77.6
	Minimum	66	63	64	49	48	55	51	....	54	56	51	58	61	54	55	64	63	68	63	53	51	58	63	58	59	58	67	68	69	61	....	58.9[a]
Ebensburg /.	Maximum	76	79	80	68	75	78	54	70	77	73	74	78	80	78	77	85	81	88	82	56	70	75	78	65	75	79	90	85	73	90	....	76.1
	Minimum	61	61	60	55	52	54	48	33	36	50	51	49	54	59	59	58	60	61	61	55	50	51	66	54	52	57	62	64	54	....	54.3
Emporium /-1 E.	Maximum	82	86	79	69	78	84	55	76	78	77	80	83	83	68	85	89	85	92	86	62	75	83	79	66	79	85	....	92	93	80	....	79.6[a]
	Minimum	55	62	61	50	56	58	51	37	39	46	51	45	48	55	59	58	60	57	60	57	54	49	53	58	55	55	56	59	....	56	....	53.8[a]
Ephrata	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Erie[1].	Maximum	80	84	68	78	90	77	57	69	75	63	70	77	75	80	83	85	77	82	78	61	72	82	85	70	75	84	95	94	82	72	....	77.3
	Minimum	67	67	59	58	62	56	49	50	54	52	53	59	63	66	67	71	64	59	59	55	58	64	63	59	59	62	70	76	67	62	....	61.0
Everett[1-0.5 SW.	Maximum	88	87	89	69	73	86	68	74	81	80	80	86	90	67	82	90	89	95	92	70	76	84	85	71	83	88	93	96	98	84	....	83.1
	Minimum	54	63	64	57	55	54	42	38	43	61	52	50	57	61	61	56	59	60	65	58	55	48	64	65	62	58	56	60	62	62	...	56.6
Ford City[6-4 S.	Maximum	85	85	90	80	86	81	72	75	83	77	78	83	86	84	83	87	86	94	90	80	79	82	84	80	83	86	91	93	94	79	....	83.9
	Minimum	62	60	60	52	55	63	46	38	46	59	51	50	56	63	62	57	62	61	65	52	53	51	64	59	54	51	57	61	61	54	..	56.2
Franklin /.	Maximum	84	87	85	82	85	78	60	75	78	77	80	83	81	85	82	91	86	95	86	58	77	80	81	75	80	84	89	93	90	75	..	81.4
	Minimum	53	62	63	58	56	57	47	39	40	49	52	51	51	58	63	60	61	63	65	55	53	52	53	60	57	53	54	61	64	57	....	55.6
Fredericksville[6-1 S.	Maximum	85	85	80	66	65	81	75	72	79	74	80	80	82	71	69	87	86	89	80	77	70	81	75	75	78	84	87	87	89	84	....	79.1
	Minimum	58	60	64	52	51	50	58	35	43	55	54	48	48	56	56	61	59	57	62	63	53	50	58	61	63	55	58	61	61	65	...	55.8
Freeland.	Maximum	81	80	80	62	65	71	71	66	74	74	75	77	75	74	84	80	88	80	88	73	60	80	77	70	72	81	84	85	89	85	..	76.3
	Minimum	64	63	63	47	48	52	51	39	53	53	52	54	57	53	53	61	62	59	62	54	51	54	62	56	59	59	62	66	68	60	....	56.6
George School[6].	Maximum	87	89	85	68	72	83	75	75	82	72	79	84	83	70	69	90	88	91	82	77	70	85	80	74	77	83	90	89	92	85	....	80.9
	Minimum	66	65	68	51	46	56	60	42	50	58	56	56	64	58	58	65	66	62	66	63	58	57	65	65	64	62	66	65	69	69	....	60.5
Gettysburg.	Maximum	86	85	86	82	69	81	80	71	75	79	80	83	85	83	69	90	91	93	91	85	75	82	81	79	78	85	90	89	93	92	....	82.9
	Minimum	65	65	66	57	56	57	61	43	49	57	59	54	64	60	61	61	62	65	66	65	58	57	65	67	66	60	63	67	67	71	....	61.1
Gordon.	Maximum	86	85	79	73	69	79	75	73	79	79	81	82	80	78	75	89	86	86	85	69	68	83	79	75	77	83	88	90	92	88	....	80.4
	Minimum	57	61	54	52	52	51	54	35	42	57	57	45	55	57	57	59	56	53	65	57	55	47	57	60	61	54	57	61	63	63	....	55.1
Greensburg-2 S.	Maximum	84	83	84	81	86	85	77	78	84	81	78	81	89	85	84	....	....	86	87	92	90	62	77	76	82	82	81	84	92	92	92	83.1
	Minimum	59	62	62	60	54	69	51	34	43	....	....	....	....	....	....	....	56	58	61	....	55	54	47	60	62	49	49	55	59	61	55	55.4[a]
Hanover /.	Maximum	87	88	90	63	71	83	70	75	78	82	70	84	88	65	71	92	91	94	88	72	76	83	82	73	81	88	92	90	95	86	....	81.6
	Minimum	66	64	65	57	55	56	61	44	53	59	58	58	64	62	61	62	60	67	67	65	57	58	64	67	66	60	63	63	70	72	....	61.5
Harrisburg Arpt. [1-3.5 S.	Maximum	90	89	83	65	71	84	69	76	81	79	81	87	86	72	73	92	91	96	91	72	78	83	81	72	79	90	95	92	96	83	....	82.6
	Minimum	69	65	65	57	55	59	50	44	51	60	59	54	67	58	59	64	65	63	66	59	59	60	66	65	67	63	65	69	71	67	....	61.4
Hawley[6-0.5 E.	Maximum	82	87	75	71	74	82	73	75	79	67	81	83	81	65	78	92	84	87	85	78	65	84	80	74	78	85	89	93	95	82	....	80.1
	Minimum	59	62	60	45	50	51	47	36	42	54	54	44	50	50	55	55	60	53	59	59	55	50	57	65	59	57	55	61	65	58	....	54.2
Hewitt[6-2 SW.	Maximum	89	86	88	83	75	85	78	74	80	82	80	87	90	83	84	90	90	95	91	83	72	81	86	82	84	88	93	95	96	91	....	85.1
	Minimum	55	62	60	60	57	54	52	32	43	62	58	48	55	63	59	60	57	59	63	60	58	48	61	65	64	50	55	59	60	62	....	56.7
Holtwood[1].	Maximum	87	87	84	68	73	81	70	73	81	81	81	84	84	75	73	91	89	92	86	74	74	82	81	75	78	82	89	88	92	84	....	81.3
	Minimum	67	66	68	60	58	62	57	48	55	64	61	59	67	63	64	66	68	67	73	64	61	61	67	66	66	66	68	70	70	70	....	64.1
Huntingdon	Maximum	89	89	90	76	72	87	82	75	81	83	82	87	87	75	84	92	90	96	91	79	78	84	85	72	84	88	93	94	97	86	....	84.9
	Minimum	60	63	65	58	57	55	54	34	43	62	64	49	56	61	61	57	59	59	65	57	58	49	64	66	63	54	58	61	63	62	....	57.9
Indiana.	Maximum	89	83	85	84	85	84	81	74	83	81	80	83	87	85	83	88	85	95	94	86	75	78	82	80	80	85	93	93	94	78	...	84.4
	Minimum	62	62	63	59	56	67	47	39	53	61	54	53	62	64	62	59	63	69	65	53	53	58	66	60	53	54	63	68	62	57	....	58.9
Irwin.	Maximum	87	85	86	86	86	81	76	85	84	79	82	90	87	87	87	88	93	93	88	79	79	82	84	83	85	92	93	93	94	90	....	85 9
	Minimum	62	63	62	60	56	68	49	37	47	60	55	51	58	67	63	61	63	65	65	55	55	54	65	62	50	55	62	64	67	58	....	58.6
Jamestown /-2 NW.	Maximum	82	86	79	84	86	75	60	72	75	64	76	78	77	84	85	88	85	92	86	74	75	84	85	72	84	88	93	94	97	86	....	79.8
	Minimum	61	60	58	56	56	61	42	40	43	53	51	47	58	62	61	58	62	61	62	51	48	52	59	56	50	50	62	63	67	51	....	55.4
Johnstown[6-0.5 W.	Maximum	80	83	83	66	77	81	69	75	79	78	79	81	87	77	81	87	83	91	85	70	72	79	81	75	79	82	91	91	94	76	....	80.4
	Minimum	60	63	62	57	55	61	47	36	46	60	54	50	58	62	62	59	65	62	65	52	52	51	66	61	58	54	59	62	63	60	....	57.4

Continued on page 47.

Daily Temperatures for June 1944—Continued from page 46

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Kane[1]-1 N	Maximum	82	82	79	73	82	79	55	70	75	70	79	81	78	66	82	84	84	89	82	60	76	78	80	66	75	81	89	92	89	78		77.9
	Minimum	56	54	55	51	54	53	32	29	34	52	47	41	48	60	54	50	52	50	60	51	49	44	57	55	50	44	50	55	56	58		51.7
Lancaster	Maximum	89	89	89	83	68	80	79	74	79	78	84	85	85	84	70	91	91	92	91	84	78	84	85	86	82	85	89	88	92	92		84.9
	Minimum	61	62	62	57	54	54	62	40	47	59	55	54	60	63	63	61	60	61	66	67	57	53	61	63	65	58	62	64	63	68		59.2
Lawrenceville	Maximum	87	86	76	62	75	84	74	74	78	77	78	84	79	74	87	92	83	88	86	82	72	80	80	74	73	84	90	93	95	81		81.2
	Minimum	53	65	55	45	56	60	50	38	48	59	55	48	54	55	57	59	61	57	64	58	54	52	60	60	61	57	59	62	66	57		56.0
Lebanon	Maximum	87	90	88	64	71	83	69	76	82	80	82	86	87	62	71	90	90	94	87	74	75	85	84	71	80	88	92	91	95			82.0
	Minimum	65	64	64	57	55	56	61	42	50	60	58	53	62	58	58	60	64	62	62	65	57	55	64	65	63	61	64	68	67	68		60.3
Lewistown/-2 SW	Maximum	86	86	85	..	70	84	65	75	78	81	80	87	85	61	80	91	90	95	...	74	78	83	82	72	80	87	92	93	94	...		82.0[8]
	Minimum	56	64	64	56	...	56	58	37	37	48	55	53	53	59	58	60	60	62	.	63	58	54	56	63	65	58	61	65	65	62		57.4[8]
Lock Haven[6]	Maximum	84	87	84	61	75	87	70	77	82	80	84	87	84	70	81	92	90	90	89	77	78	85	83	77	82	89	95	95	90	84		83.1
	Minimum	63	64	60	56	57	57	46	37	47	60	56	50	57	56	60	58	62	59	65	57	56	52	62	65	64	60	60	61	68	62		58.0
Marcus Hook	Maximum	93	92	90	70	75	88	79	77	70	82	80	88	90	76	75	94	95	99	84	83	78	94	86	83	84	91	97	93	98	87		85.6
	Minimum	71	69	67	57	55	64	58	51	66	66	60	64	69	60	61	70	71	70	70	63	61	66	70	68	67	67	71	70	74	72		65.6
Martinsburg[3]	Maximum	79	82	85	60	67	81	59	70	76	76	78	82	84	63	80	87	85	90	87	63	74	79	79	67	80	83	88	89	91	77		78.9
	Minimum	63	63	60	54	53	59	40	39	48	56	54	55	60	60	60	62	64	64	63	53	55	54	66	62	60	58	60	65	67	61		57.9
Mauch Chunk-1 SW	Maximum	88	85	85	71	68	78	73	74	79	79	....	81	80	....	80	89	89	87	....	75	66	82	...	73	76	81	87	89	90	90		80.6[4]
	Minimum	57	59	60	53	52	47	56	36	41	55	....	45	56	....	55	58	55	52	.	62	56	46	...	62	63	60	55	59	60	65		54.8[4]
Meadville A-1 S	Maximum	83	88	81	84	87	77	60	73	77	64	78	80	79	85	86	89	86	93	84	62	76	80	82	74	80	86	93	94	85	74	...	80.7
	Minimum	60	63	60	57	56	63	45	37	43	52	51	49	54	63	61	58	64	60	63	53	51	52	60	58	50	52	52	62	61	55	...	55.4
Mercer[3]-2.5 NE	Maximum	81	85	83	84	85	75	57	72	76	65	77	80	79	81	82	86	82	91	83	58	74	77	79	72	77	81	90	93	86	73	...	79.0
	Minimum	60	60	61	56	55	52	41	41	49	53	50	50	59	63	62	62	64	65	58	52	53	55	60	56	53	52	64	66	59	56	...	56.2
Middletown[1]-1.5 W	Maximum	87	88	83	65	70	82	69	75	80	78	81	86	85	72	71	91	89	95	88	73	74	84	80	73	79	86	91	90	95	82	...	81.4
	Minimum	65	65	63	55	55	57	49	42	52	60	58	55	64	57	59	64	64	62	65	60	58	53	64	65	64	62	63	67	71	65	...	60.1
Midland[6]	Maximum	84	87	87	90	87	80	63	77	82	72	80	84	85	87	84	92	89	95	89	70	79	79	86	78	83	89	92	95	93	79	...	83.9
	Minimum	66	65	63	65	60	62	49	45	52	58	57	56	62	67	65	64	66	69	66	56	52	57	67	63	59	59	67	66	68	64	...	61.0
Montrose -3 E	Maximum	79	84	64	64	69	74	57	70	76	64	75	78	76	60	72	85	77	82	80	66	61	80	75	69	72	80	88	88	90	74		74.3
	Minimum	61	61	62	47	47	50	50	39	43	53	51	51	49	56	53	55	57	59	62	58	50	52	57	60	59	60	60	64	66	56		54.9
Mt. Lebanon[6]	Maximum	86	86	87	84	86	81	63	74	84	77	77	84	87	86	83	87	87	95	86	66	78	78	84	77	81	85	91	92	95	78		82.8
	Minimum	64	63	61	55	59	63	49	43	60	58	56	55	62	67	65	68	65	70	65	54	53	59	67	61	53	55	67	69	69	58		60.7
Mt. Pocono[3]-2 N	Maximum	77	83	68	62	64	72	63	68	73	64	75	77	75	59	73	84	77	81	78	67	58	79	74	67	73	78	83	85	89	75		73.4
	Minimum	62	64	52	47	47	53	41	32	45	51	51	48	54	53	52	58	61	55	60	53	51	49	59	59	59	58	54	64	63	54		53.6
New Bloomfield	Maximum	89	87	82	71	68	79	77	75	79	80	81	85	84	80	76	91	89	94	93	84	74	83	82	80	78	87	92	92	94	93		83.3
	Minimum	61	60	60	54	53	55	53	35	45	57	54	48	58	56	58	55	58	64	58	56	52	60	62	62	54	58	62	62	66			56.5
Newburg[1]-3.5 NW	Maximum	90	92	89	63	72	84	66	76	78	82	82	88	88	72	78	90	92	96	90	72	80	83	87	73	83	90	92	94	90	82		83.1
	Minimum	66	64	63	56	54	58	48	42	48	60	58	52	60	60	52	60	62	64	64	62	72	56	63	63	63	60	62	66	64	68		59.7
New Castle-1.5 N	Maximum	88	89	84	86	87	85	77	74	80	78	79	90	85	87	90	88	91	97	94	80	78	81	87	85	82	88	94	97	94	85	...	86.0
	Minimum	67	63	62	62	58	69	48	43	48	58	53	52	58	67	64	64	64	65	67	55	50	55	66	61	51	54	64	70	69	55	...	59.4
Palmerton[1]	Maximum	82	88	77	67	68	80	68	73	80	66	83	84	82	65	70	89	87	89	80	75	66	83	75	70	78	88	88	91	92	81	...	78.8
	Minimum	63	65	61	53	54	57	49	42	46	57	55	52	66	58	58	65	62	59	66	60	56	52	61	65	65	62	63	68	67	62	...	58.8
Park Place[3]-1 NW	Maximum	77	79	71	54	61	71	59	68	72	69	73	78	75	61	69	83	81	81	78	65	63	63	77	65	68	78	82	84	88	73	...	72.2
	Minimum	63	63	52	47	49	53	41	39	53	52	53	58	61	50	54	61	63	63	62	51	51	51	55	56	59	59	65	65	65	56	....	55.7
Philadelphia Arpt [1]	Maximum	88	90	86	68	72	84	74	74	82	80	81	84	86	70	72	92	90	95	82	78	73	86	81	77	79	87	92	90	94	84	....	82.4
	Minimum	66	67	62	52	53	58	55	50	55	62	57	59	65	59	60	68	68	67	68	60	58	60	67	65	63	63	67	64	70	69	....	61.9
Philadelphia C.O.[1]	Maximum	89	89	86	66	71	83	73	73	82	75	81	82	86	70	71	90	91	94	89	77	73	85	81	77	78	88	92	89	92	86	...	81.7
	Minimum	69	69	61	52	52	59	56	52	57	61	59	62	70	59	59	68	69	72	68	61	59	65	69	64	61	69	71	70	71	72	....	63.6
Phila. Shawmont	Maximum	90	89	90	76	71	83	82	76	82	81	80	85	87	86	72	92	91	93	92	78	72	86	85	78	78	85	93	93	93	92	.	84.5
	Minimum	64	65	67	57	53	56	64	45	50	62	57	55	63	60	60	66	63	61	69	68	58	55	63	65	65	60	60	65	67	69	....	61.1
Philipsburg[3]-7 E	Maximum	79	80	80	56	63	80	55	70	72	74	75	79	76	59	78	86	83	87	82	61	70	77	79	62	77	82	85	86	90	75	....	75.3
	Minimum	62	63	52	50	51	52	31	29	38	52	44	43	50	55	57	60	54	52	61	50	46	43	62	57	51	48	52	59	60	49	.	51.1
Phoenixville[6]-1.5 SE	Maximum	90	92	90	82	74	85	81	75	80	84	85	90	90	85	78	94	91	96	85	80	76	88	85	79	85	91	97	85	85	80	....	85.4
	Minimum	60	62	64	57	54	53	63	39	45	60	55	50	49	59	59	61	61	58	68	65	54	52	61	65	65	58	60	63	65	68	..	58.4
Pittsburgh Arpt Sta.[1]	Maximum	81	85	85	83	86	81	61	72	84	75	78	82	86	87	83	87	88	94	86	64	78	77	83	76	82	85	93	91	94	79	.	82.3
	Minimum	63	63	63	61	56	59	48	44	54	57	56	57	65	67	66	66	65	70	63	55	53	58	66	60	58	60	65	70	66	62	...	60.5
Pittsburgh City Office[1]	Maximum	85	89	87	85	86	82	62	75	84	76	78	85	88	88	85	89	90	97	88	65	80	80	85	78	83	87	94	94	96	81	...	84.1
	Minimum	68	67	66	64	63	61	52	49	56	60	59	60	66	69	66	66	65	70	63	55	53	58	66	60	58	60	65	70	66	62	...	63.6
Port Clinton/	Maximum	84	86	80	63	69	80	66	74	79	72	81	83	83	60	72	91	83	90	81	74	76	84	75	70	84	76	90	90	92	82	...	79.0
	Minimum	56	61	64	54	53	54	55	37	42	55	57	47	55	57	56	57	59	56	60	63	53	50	60	64	60	58	60	64	64	66	...	56.6
Putneyville-2.5 SE	Maximum	89	85	87	86	84	81	76	75	81	80	80	84	84	80	83	85	88	92	90	83	77	79	81	77	80	85	90	92	92	86	...	83.5
	Minimum	61	63	64	57	55	65	47	38	47	62	51	50	56	62	61	60	63	62	65	55	53	52	65	59	57	58	61	64	66	55	...	57.8
Quakertown-0.5 E	Maximum	84	88	84	74	69	82	80	73	81	77	77	82	82	80	70	88	87	90	82	80	80	82	79	69	77	84	88	89	91	88	....	81.4
	Minimum	58	58	62	51	49	48	58	38	42	55	55	48	56	56	54	57	59	56	62	63	49	48	58	61	61	58	58	65	62	64	....	55.6
Reading[1]	Maximum	86	90	86	66	69	82	70	75	81	77	82	85	86	74	71	92	91	93	84	75	74	85	79	72	81	86	92	91	95	86	....	81.9
	Minimum	71	65	66	56	55	59	52	47	54	59	59	56	66	58	58	66	67	65	66	59	58	59	68	61	64	64	67	70	72	68	....	61.9
Ridgway/	Maximum	84	84	84	74	82	86	55	73	80	74	80	84	82	66	85	87	87	94	86	59	76	83	82	66	82	86	92	94	94	80	....	80.6
	Minimum	57	62	61	54	55	56	49	34	37	43	50	46	49	53	60	56	55	55	57	56	56	47	49	58	50	50	50	56	50	55	....	52.5
Scranton[1]	Maximum	81	86	71	69	74	78	63	72	80	73	80	82	81	66	74	89	83	86	83	71	65	83	78	71	76	84	89	92	94	78	....	78.4
	Minimum	67	68	57	53	54	59	50	41	49	57	56	51	59	58	59	64	64	59	65	58	56	52	62	61	65	64	61	67	70	65	....	59.1
Selinsgrove	Maximum	85	87	82	82	76	70	83	79	77	79	81	84	83	75	73	88	90	89	82	75	75	82	80	76	78	86	88	90	92	88	....	81.8
	Minimum	65	62	63	53	56	54	42	39	47	59	58	50	58	56	59	61	62	59	67	61	58	54	62	62	63	52	61	65	67	60	....	57.8
Sharon	Maximum	89	93	92	93	93	82	79	82	82	83	87	86	87	90	96	95	100	100	91	83	84	90	91	81	92	99	99	98	85	...	89.8
	Minimum	75	70	68	66	63	71	53	50	54	60	58	58	64	71	71	70	75	73	71	57	56	60	72	66	61	60	70	71	68	58	....	64.7
Somerset	Maximum	82	79	83	79	78	69	75	73	78	71	78	81	88	84	80	84	83	88	87	73	71	75	79	76	77	82	88	90	89	76	....	80.1
	Minimum	59	62	58	59	54	62	48	32	43	57	51	48	54	61	61	57	62	58	64	51	50	48	63	58	55	48	52	56	58	57	....	54.9
Springs[6]-1 SW	Maximum	79	77	80	68	75	77	67	68	75	72	74	77	83	77	75	81	81	86	81	67	68	73	77	67	75	79	84	84	85	73	....	76.2
	Minimum	62	63	59	56	53	57	47	31	45	59	50	50	52	60	59	55	62	62	62	49	49	47	59	55	53	44	52	57	60	61	....	54.3
State College[1]	Maximum	83	84	83	60	68	82	62	73	76	77	79	84	81	64	81	89	87	91	85	67	74	80	81	69	80	86	92	92	95	80	..	79.5
	Minimum	64	64	60	55	55	62	44	38	50	58	54	52	59	57	60	62	66	63	66	55	55	55	65	61	63	59	61	68	68	63	....	58.7
Stroudsburg-2 E	Maximum	84	89	89	82	89	80	84	73	83	83	85	87	87	85	72	92	90	93	93	84	78	85	85	78	80	87	90	93	94	93	....	85.6
	Minimum	59	64	62	60	62	52	53	38	44	56	51	46	54	56	56	59	58	54	63	64	57	49	59	67	61	56	56	62	63	62	..	56.9
Tamarack/-2 S	Maximum	75	80	71	55	62	78	52	69	71	72	72	72	75	57	73	84	80	84	80	57	67	71	74	61	73	79	84	85	88	73	....	72.5
	Minimum	60	60	62	48	48	51	47	37	39	54	49	49	56	55	52	56	62	61	61	54	48	51	55	56	54	56	56	62	67	57	....	54.1
Tionesta[6]-1.5 SE	Maximum	87	88	87	81	86	81	67	75	81	73	81	83	82	80	84	89	85	93	84	68	77	83	82	76	83	82	90	95	91	78	...	82.4
	Minimum	61	61	63	56	54	63	41	31	45	56	50	50	55	63	61	58	62	59	64	53	52	50	55	57	53	52	60	63	65	56	.	55.6
Titusville-2 S	Maximum	86	84	82	81	84	83	71	72	75	78	78	82	79	82	84	87	87	91	82	75	74	80	81	76	78	83	89	93	87	75	....	81.3
	Minimum	63	58	61	54	53	66	44	36	41	56	46	46	52	62	61	58	65	57	61	52	48	51	63	56	53	50	58	61	61	52	....	54.8
Towanda-1 E	Maximum	82	87	71	61	74	83	71	75	80	76	78	83	81	61	79	90	82	87	86	76	68	85	81	75	77	89	91	93	95	78	....	79.8
	Minimum	63	66	55	46	55	58	49	38	45	58	54	45	53	53	58	56	56	55	65	58	54	50	59	63	62	60	57	63	67	59	....	56.0
Uniontown	Maximum	85	82	83	82	86	84	77	74	83	82	76	80	87	83	78	86	87	91	89	80	76	74	83	82	81	82	89	89	90	81	....	82.7
	Minimum	65	68	64	68	61	71	54	42	60	63	57	56	61	69	66	62	68	71	69	56	54	60	68	62	55	57	63	67	68	63	....	62.3
Vandergrift[1]	Maximum	87	86	89	85	90	85	69	75	87	78	80	87	88	88	85	90	91	97	89	70	81	80	84	80	87	87	94	97	95	82	....	85.4
	Minimum	65	65	62	61	62	68	49	42	49	60	56	54	61	68	64	64	67	67	68	54	56	55	68	64	58	55	62	66	65	58	....	60.4

Continued on page 48.

Daily Temperatures for June 1944—Continued from page 47.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	84	85	79	78	84	81	64	75	77	67	79	80	79	73	85	86	82	90	82	66	75	80	81	70	76	82	88	90	89	75	....	79.4
	Minimum	64	60	61	53	56	63	46	37	43	54	52	51	54	61	61	57	62	59	64	53	53	52	63	56	53	54	59	63	66	57	...	56.2
Waynesburg	Maximum	85	83	83	86	84	80	74	75	84	84	78	83	92	85	85	85	88	91	87	80	77	76	82	81	82	88	89	92	90	79	...	83.4
	Minimum	62	63	60	61	57	69	50	37	47	62	55	50	57	66	63	57	63	67	68	52	48	54	63	60	55	53	62	64	66	58	...	58.3
Wellsboro/	Maximum	80	84	67	60	73	81	59	73	78	77	77	81	78	60	82	88	82	87	84	62	70	83	82	65	73	88	90	91	93	77	...	77.3
	Minimum	54	62	61	46	50	54	46	33	36	42	53	44	47	53	54	54	55	53	56	57	52	50	53	60	58	54	57	58	61	56	....	52.3
West Chester	Maximum	87	87	85	76	69	84	77	73	81	80	78	85	84	80	71	91	89	92	85	76	71	85	79	76	79	85	90	89	92	85	....	82.0
	Minimum	64	64	68	55	52	54	62	45	51	59	54	54	62	59	58	65	63	63	67	62	55	54	63	63	64	61	64	66	68	69	....	60.3
Wilkes-Barre[3]	Maximum	83	87	73	66	73	79	66	73	81	76	80	83	82	66	73	89	84	88	84	74	72	84	79	72	78	85	90	92	94	80	....	79.5
	Minimum	63	68	53	50	57	57	42	39	49	61	70	50	55	57	59	61	59	57	64	58	51	52	61	64	64	61	59	65	65	59	...	57.7
Williamsport	Maximum	85	86	79	73	72	80	77	76	80	80	83	86	85	74	76	94	90	90	86	82	75	86	79	78	78	86	91	94	97	96	....	83.1
	Minimum	65	64	64	54	56	58	51	39	46	59	55	48	58	55	57	61	59	59	65	60	56	54	62	60	63	57	60	65	67	62	...	58.0
Williamstown	Maximum	87	85	80	76	69	80	78	74	80	78	81	83	84	83	74	89	89	89	86	84	71	82	81	76	74	85	89	90	92	91	....	82.0
	Minimum	60	61	62	54	53	54	56	34	42	56	57	45	56	55	57	57	56	56	63	59	55	47	59	60	56	59	57	62	63	68	...	56.0
Woodward[3-2 NE]	Maximum	78	79	71	52	63	76	56	65	72	71	70	78	77	56	71	83	81	82	79	60	66	74	74	62	69	77	83	84	88	73	....	72.3
	Minimum	62	62	50	50	49	55	40	39	54	53	51	55	56	51	56	62	63	63	60	51	51	55	62	55	59	57	66	67	66	57	....	55.9
York-3 SW	Maximum	92	90	90	84	74	85	85	77	80	82	83	87	89	89	73	93	92	98	97	91	75	84	85	83	81	89	92	92	97	96	....	86.8
	Minimum	62	61	62	57	55	59	62	38	47	61	56	51	59	59	61	61	63	63	67	65	57	52	63	64	66	58	62	66	61	71	....	59.6

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.25	9	29.43	23	7.3	21	nw	24	78	68	68	65	37
Harrisburg	30.30	9	29.43	24	7.5	36	ne.	18	80	61	69	69	16
Philadelphia	30.33	4	29.41	24	9.1	32	se.	18	76	53	60	59	14
Philipsburg	30.30	9	29.49	24	9.9	30[a]	w.	24	88	63	75	.....	118
Pittsburgh	30.22	9	29.46	23	9.7	42	nw.	19	81	53	58	67	23
Reading	30.31	9	29.39	24	10.3	49	ne.	18	71	51	48‡	67	16
Scranton	30.30	9	29.38	24	6.3	26	nw.	18	85	68§	.....	48	34

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware.	2.3	3.0	27	1.9	19	18
Easton	Delaware	2.2	4.8	22	1.4	6	22
Lehighton	Lehigh	3.6	6.2	20	3.0	9	9
Reading	Schuylkill	4.4	6.5	20	3.6	9†	13
Wilkes-Barre	N. Br. Susquehanna	4.7	9.2	26	3.0	10	22
Williamsport	W. Br. Susquehanna	3.4	8.0	20	1.4	14	20
Newport	Juniata	4.2	4.9	26	3.6	30	22
Harrisburg	Susquehanna	4.3	5.4	21	3.7	13	17
Schenley, (nr) Lock No. 6.	Allegheny	13.2	15.9	26	12.2	20	24
Sutersville	Youghiogheny	4.1	6.6	25	3.1	14	20
Charleroi (nr.), Lock No. 4	Monongahela	12.9	19.7	25	11.4	19	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	16.2	25	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—8-23-44-975.)

551.05
UNP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLIX. JULY 1944. No. 7.

GENERAL SUMMARY.

The drought, which was developing at southeastern and west-central stations at the close of June, intensified and spread during July. The continued absence of significant rain was caused by the westward development of the South Atlantic High, blocking off the normal northward flow of moisture.

Accentuating the lack of sufficient rain were many hot, sunny days. Most stations in the southeast reported 15 or more days with maxima of 90° or higher. However, the lack of normal moisture and the clear skies favored radiation and nighttime temperatures were refreshingly cool. About 60% of the stations reported monthly means somewhat above normal but the State average was exactly equal to the 57-year mean and the average daily excess, accumulated since January 1, is now 0.6°. This is 0.2° above the accumulation for 1943, when June and July averaged 2° warmer than they did this year.

Although amounts were light and the average for the State was the fourth lowest in the period of record for July, what precipitation fell was fairly well distributed with regard to area and frequency. The areas of deficient rainfall increased greatly, surpluses being confined chiefly to southwestern stations. Monthly totals below 1.00 inch were common in the southeast and there was an accumulated average deficiency, since the first of the year, of 1.14 inches. In the same period in 1943, a deficiency of 0.24 inch had been accumulated. The total precipitation for the last two months was below normal at most stations. Deficiencies range to 4.26 inches at Butler in the west, 5.28 inches at Hanover in the south-central section, and 5.36 inches at Conshohocken in the southeast, while surpluses exist in southwestern and north-central counties.

The most damaging storms, reported, occurred on the 16th and 26th. The first struck Scranton and vicinity, blowing down trees, breaking electric wires, and blocking traffic. Telephone and light services were interrupted for brief periods. The Weather Bureau Office recorded the highest July wind velocity since the station was established in 1900. The storm of the 26th occurred at Waynesboro and was accompanied by violent wind, which unroofed buildings and blew down trees. Utility lines were hard hit and some sections of the community were without service until the following day. According to a local newspaper account, "Hundreds of trees were damaged. Some were twisted off at the roots, others uprooted, some had the top blown out while others were stripped of their limbs and foliage. Some trees were lifted out of the ground and deposited some distance away. Big trees were split and shattered."

The prospects for increased crops, prevalent at the end of May, have dwindled and estimates of corn, potato, and tobacco yields have been sharply reduced. G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 83 stations was 72.2°, which is the 57-year normal for July. The highest monthly mean was 82.0° at Marcus Hook, and the lowest was 64.9° at Kane. Extremes ranged from a maximum of 100° at Hewitt on the 12th and at Phoenixville on the 27th, 28th, and 31st, to a minimum of 37° at Kane on the 17th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 204 stations, was 2.39 inches, which is 1.87 inches below the 57-year normal for July. The greatest monthly amount was 5.19 inches at Lycippus, while the least was 0.05 inch at Conshohocken. The greatest amount recorded in any 24 consecutive hours was 2.42 inches at Indiana on the 12th.

ERRATA

May, 1944. - Page 34, Clarion, lowest minimum should be 36 on 1st. Page 37, Evaporation Table, Wallenpaupack, total evaporation should be 5.048.

June, 1944. Page 42, Pittsburgh Airport, greatest precipitation in 24 hours should be 1.11 inches on the 18-19th.

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	69.2	97	38	3.45	.....	8	15	10	6
1889	71.6	96	39	6.80	.....	13	12	10	9
1890	70.7	101	33	3.52	.....	8	13	11	7
1891	67.8	97	34	6.32	.....	13	11	10	10
1892	73.1	103	38	3.93	.....	10	15	11	5
1893	72.1	102	36	3.15	.....	10	15	12	4
1894	73.8	103	31	2.32	.....	7	15	11	5
1895	69.1	102	34	3.24	.....	9	12	12	7
1896	72.8	98	40	6.89	.....	14	10	11	10
1897	73.4	103	41	6.26	.....	14	10	11	10
1898	74.8	107	33	3.36	.....	9	12	12	7
1899	72.3	101	35	3.91	.....	10	12	11	8
1900	74.0	104	35	4.86	.....	11	14	12	5
1901	76.4	107	45	3.88	.....	11	10	13	8
1902	71.8	99	41	6.04	.....	15	10	12	9
1903	71.2	98	35	5.36	.....	12	13	12	6
1904	70.6	99	34	4.68	.....	13	12	11	8
1905	72.6	99	39	4.87	.....	15	10	12	9
1906	71.3	95	38	4.31	.....	10	12	13	6
1907	71.5	96	34	3.84	.....	10	15	12	4
1908	73.9	104	39	4.81	.....	11	14	12	5
1909	69.7	98	34	2.14	.....	7	16	11	4
1910	72.8	99	41	2.42	.....	7	16	11	4
1911	73.7	105	36	2.81	.....	8	16	11	4
1912	71.3	100	36	5.29	.....	11	12	11	8
1913	71.8	101	40	4.16	.....	11	15	10	6
1914	71.3	101	38	4.19	.....	12	12	11	8
1915	70.7	98	40	5.28	.....	15	10	13	8
1916	74.3	98	37	4.45	.....	10	14	10	7
1917	72.1	105	40	4.33	.....	13	12	12	7
1918	70.1	99	35	3.05	.....	9	16	10	5
1919	72.6	104	34	5.90	.....	11	16	8	7
1920	69.5	96	33	4.37	.....	11	15	10	6
1921	75.9	104	45	4.13	.....	10	15	11	5
1922	71.9	98	38	3.68	.....	9	14	10	7
1923	71.0	100	32	4.24	.....	11	15	9	7
1924	69.7	97	34	3.42	.....	9	17	10	4
1925	70.5	101	32	5.57	.....	12	13	11	7
1926	71.8	105	35	3.82	.....	10	15	9	7
1927	71.7	100	29	4.97	.....	12	14	11	6
1928	72.8	96	40	5.44	.....	13	16	9	6
1929	71.8	99	33	2.81	.....	8	18	9	4
1930	73.0	106	33	2.23	.....	7	19	8	4
1931	75.2	105	39	5.28	.....	12	15	10	6
1932	72.0	100	36	3.39	.....	10	16	10	5
1933	72.5	104	35	4.26	.....	8	17	9	5
1934	75.5	107	40	4.01	.....	9	17	10	4
1935	75.0	104	42	5.63	.....	12	15	10	6
1936	73.5	111	37	2.88	.....	8	18	9	4
1937	72.4	101	37	4.47	.....	12	14	10	7
1938	73.2	100	40	4.81	.....	12	13	10	8
1939	71.7	100	36	3.12	.....	9	14	11	6
1940	72.3	105	33	3.25	.....	10	15	10	6
1941	73.1	104	29	5.11	.....	12	11	11	9
1942	72.5	102	35	5.16	.....	13	11	12	8
1943	72.6	100	31	4.47	.....	12	12	12	7
1944	72.2	100	37	2.39	.....	8	15	12	4
Period	72.2	111	29	4.26	.....	11	14	11	6

Climatological Data for July 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	33	75.5	+1.5	94	7†	53	22	2.14	−2.85	0.60	12–13	0	11	18	11	2	s.	Allent'n-Bethlehem Gas Co.
Altoona-4.5 W	Blair	1,500	58	69.6°	−1.4	90	6†	49	17	2.58	−1.24	0.81	12–13	0	6	25	4	2	e.	City of Altoona.
Bethlehem	Northampton	364	59	75.6	+0.5	97	7	54	22	2.25	−2.42	0.54	2	0	9	21	9	1	sw.	Lehigh University.
Burnt Cabins-2 NE	Fulton	990	3	73.9	.....	96	11	46	22	1.82	.....	0.56	20–21	0	7	20	7	4	s	Penna. Turnpike Comm.
Carlisle	Cumberland	473	76	74.1	−0.2	96	12	49	22	2.33	−1.52	1.05	12	0	7	26	1	4	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	74.3	−0.5	96	12	49	22	1.60	−2.17	0.58	19–20	0	6	18	14	4	sw.	William B Spear.
Coatesville	Chester	431	56	78.7	+4.0	97	7	56	19	0.74	−4.03	0.59	24	0	3	11	9	11	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	2	68.0	.....	86	7†	46	21	1.51	.....	0.58	12	0	10	7	20	4	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	69.4	.....	87	7†	48	22†	4.04	.....	1.53	12	0	8	17	12	2	ne.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	7	72.6	.....	91	11	55	21†	1.19	.....	0.40	28–29	0	6	5	20	6	sw.	U. S. Weather Bureau.
Emporium 1 E	Cameron	1,100	58	§§	.....	94	7	45	18†	2.51	−1.78	0.85	27–28	0	11	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	22	72.2	+1.1	97	7†	47	22	2.61	−1.34	1.15	19–20	0	4	10	12	9	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	51	71.0	+0.7	89	7†	50	22	1.48	−3.67	0.57	12–13	0	9	4	8	19	w.	Andrew B. Evansha.
George School	Bucks	184	38	77.0	+2.7	94	7†	52	22	0.50	−3.78	0.18	20–21	0	6	16	13	2	s.	Prof. N. W. Swayne.
Gettysburg	Adams	500	71	77.0	+2.4	96	12	53	22	1.25	−2.56	0.60	12–13	0	4	23	5	3	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	40	71.0	−0.3	92	7†	43	22	1.55	−3.34	0.68	12–13	0	11	16	13	2	sw.	Miss Sallie M. Johnson.
Hanover	York	600	40	77.7	+1.9	96	7	54	22	1.13	−3.13	0.44	19–20	0	6	21	8	2	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	75	77.1	+2.3	97	7	55	22	0.88	−2.95	0.36	12–13	0	7	10	12	9	sw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	34	71.8	+1.5	94	8†	46	22	4.13	−0.09	1.22	27	0	9	23	8	0	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	29	79.0	+2.0	95	7†	59	22	0.27	−3.63	0.14	12–13	0	4	15	12	4	s.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	57	73.2	+0.8	97	11	45	22	2.41	−1.65	1.52	12–13	0	5	16	9	6	nw.	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	57	75.2	+1.1	94	7†	50	22	1.52	−2.72	0.64	19–20	0	6	24	3	4	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	47	70.4	0.0	95	11	46	22	2.76	−1.26	1.05	20–21	0	7	18	11	2	.....	Carlos P. Darling.
Lebanon	Lebanon	469	60	76.8	+2.7	96	7†	51	22	1.70	−2.73	0.74	29	0	7	28	2	1	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	6	72.8	.....	95	11†	49	22	3.01	.....	1.49	28–29	0	4	30	0	1	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	73.3	−0.3	96	11	49	22	1.95	−2.11	0.96	12	0	9	18	7	6	e.	William R. Kelley.
Marcus Hook‡‡	Delaware	12	18	82.0	+2.8	99	6†	61	3†	1.39	−2.82	0.71	14	0	5	27	3	1	s.	Sun Oil Co.
Martinsburg	Blair	1,493	2	71.0	.....	92	12	51	22	2.30	.....	1.10	12	0	6	.....	.....	.....	.....	Civil Aeronautics Authority
Montrose-3 E	Susquehanna	1,176	39	70.2	+2.0	91	7	50	22	2.90	−1.00	1.64	12	0	6	14	11	6	n.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	3	68.4	....	88	8	48	3†	1.38	.....	0.46	12–13	0	11	4	18	9	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	26	73.6	+0.1	94	11	49	22	3.33	−0.95	1.71	12–13	0	10	14	17	0	sw.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	78.4	+3.1	97	7	56	22	1.05	−3.10	0.61	13–14	0	7	9	14	8	sw.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	2	65.6	.....	88	11†	42	22	3.06	.....	1.30	12	0	7	9	16	6	e.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	35	78.1	+2.4	100	27†	47	22	0.59	−4.42	0.45	24–25	0	6	23	6	2	sw	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	6	73.2	−0.1	95	7	46	22	2.16	−2.74	0.68	16†	0	8	29	1	1	...	Earl E. Rarick.
Quakertown‡‡-0.5 E	Bucks	480	59	75.3	+2.7	93	11†	43	22	0.88	−3.80	0.35	16	....	10	16	11	4	w	John E. Benner.
Reading	Berks	273	74	78.2	+2.8	95	7	57	22	0.93	−3.83	0.35	20–21	0	9	12	14	5	s.	U. S. Weather Bureau
Scranton	Lackawanna	746	50	73.7	+2.0	94	8	51	22	2.60	−1.43	1.17	12–13	0	7	15	13	3	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	54	73.4	0.0	93	11†	47	22	1.98	−2.05	0.99	12	0	8	16	12	3	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	72.8	+3.2	94	31	53	17†	2.08	−1.78	0.82	12	0	8	12	12	7	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	25	74.2	+2.3	96	31	47	22	2.66	−2.28	1.42	12–13	0	9	24	5	2	nw.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	4	67.6	.....	86	11†	49	22	2.14	.....	0.59	12	0	7	12	16	3	w.	James E. Swartz.
Towanda‡‡-1 E	Bradford	754	50	71.3	+0.8	93	7†	45	22	1.63	−2.17	0.83	12	0	7	13	13	5	nw.	Mrs. M. Ordelia Parks.
Wellsboro‡‡	Tioga	1,319	74	68.2	−0.7	92	11	45	18	2.27	−0.93	0.89	12	0	7	16	10	5	w.	M. S. Bliss.
West Chester‡‡	Chester	440	95	76.2	+1.8	95	28	51	22	0.69	−3.95	0.48	20–21	0	5	22	8	1	sw.	Clyde T. Saylor.
Wilkes-Barre‡‡	Luzerne	544	6	72.8	.....	95	7†	47	22	1.27	−2.80	0.63	12–13	0	6	3	26	2	sw.	Civil Aeronautics Authority
Williamsport‡‡	Lycoming	550	58	73.5	+0.2	94	10†	49	22	1.52	−2.32	0.59	29	0	5	11	16	4	w	John D. McEwen.
Williamstown‡‡	Dauphin	775	28	72.0	−0.7	94	7	44	22	2.04	−3.38	0.95	12–13	0	5	8	22	1	.....	Gordon E. Lower.
Woodward-2 NE	Centre	2,191	3	69.8	.....	88	11	51	22	2.61	.....	1.02	12–13	0	8	8	11	12	w	U. S. Weather Bureau.
York-3 SW‡‡	York	390	56	76.4	+1.9	97	7	49	22	3.80	−0.42	1.08	19–20	0	10	25	4	2	s.	York Water Co.
Division mean			....	73.5	.....	100	12†	42	22	1.94	.....	1.92	12	0	7	17	10	4	sw	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	27	66.8	−1.8	90	7	43	17	2.53	−1.28	0.78	12	0	9	4	18	9	w.	City Water Dept.
Brookville	Jefferson	1,400	53	68.9	+0.9	91	6†	44	17†	2.85	−1.48	0.93	27–28	0	8	0	20	11	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	30	71.9	−0.5	96	12	43	17	1.88	−2.34	0.60	19	0	8	18	11	2	w.	Butler Eagle.
Clarion‡‡-3 SW	Clarion	1,114	34	70.8	.....	96	6	45	17	2.51	−1.88	1.13	12	0	10	11	16	4	e.	Penna. Electric Co.
Claysville	Washington	1,170	40	70.0	−3.2	93	11	44	17†	2.05	−2.10	0.72	19	0	8	16	9	6	s.	Walter B. Paget.
Corry	Erie	1,410	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. Fred Kinley.
Coudersport‡‡	Potter	1,653	17	66.5	−1.7	90	7†	40	18	2.89	−1.64	1.20	19–20	0	10	16	13	2	sw.	Potter Enterprise.
Derry	Westmoreland	1,150	47	72.6	−0.1	95	11	49	17†	3.80	−0.81	1.39	12–13	0	6	14	14	3	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	68.8	.....	93	11	42	22	4.43	.....	1.94	12–13	0	8	13	18	0	w.	Penna. Turnpike Comm.
Donora‡‡	Washington	761	18	75.4	−0.6	95	6	53	17	3.82	+0.05	1.49	12–13	0	10	7	11	13	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	27	68.2	−0.1	90	11†	45	17†	2.55	−1.51	0.81	19–20	0	8	18	10	3	w.	Miss. Emma H. Eastman.
Ford City-4 S	Armstrong	950	1	70.5	.....	92	11†	45	17	2.89	.....	0.90	12	0	8	16	8	7	w.	U.S. Engineers.
Franklin	Venango	987	70	70.5	−0.2	93	7	46	17	1.91	−2.51	0.68	12	0	10	19	10	2	s.	William K. Fuller.
Greensburg-2 S	Westmoreland	1,160	35	69.9	−2.7	92	11†	43	17	3.51	−0.21	1.23	19	0	9	15	10	6	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	43	72.5	+0.9	94	11†	48	17	4.87	+0.53	2.42	12	0	10	22	9	0	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	69.8	.....	93	11	41	17	2.41	.....	0.77	12	0	8	..	....	....	e.	Pa. Dept. Forests & Waters.
Johnstown-0.5 W	Cambria	1,650	62	69.9	−3.3	92	11	47	22	3.51	−0.90	1.24	12–13	0	9	22	6	3	s.	Robert Tross.
Kane-1 N	McKean	1,750	29	64.9	.....	90	7	37	17	3.99	+0.10	1.30	9–10	0	12	12	7	12	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	50	69.6	−0.1	94	7†	44	17	3.20	−0.83	0.67	12	0	11	9	17	5	sw.	City of Meadville.
Midland	Beaver	780	8	73.1	.....	93	11	52	17	3.03	.....	1.11	12	0	11	13	15	3	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	64	72.8	+0.2	96	7†	45	17	2.82	−1.27	1.41	29	0	7	14	16	1	s.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	73.8	+0.8	94	11	54	21	3.70	−0.35	1.38	19	0	11	13	14	4	s.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	71.2	.....	95	11	44	17	3.79	.....	1.50	12	0	9	14	11	6	sw.	U. S. Engineers.
Ridgway	Elk	1,385	37	68.0	+0.3	92	11	42	22†	2.31	−1.64	0.68	12	0	9	14	12	5	s.	West Penn Power Co.
Sharon	Mercer	940	31	71.8	−1.8	96	11†	47	17	2.60	−0.99	0.85	12	0	7	20	6	5	sw.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,100	73	67.8	−0.8	91	31	42	22	3.49	−1.13	1.25	12–13	0	8	8	15	8	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	65.6	−2.0	88	12†	42	4†	4.42	+0.09	1.77	12–13	0	12	2	23	6	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	70.1	.....	92	7†	45	22	1.83	.....	0.67	12	0	10	22	1	8	w.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	1	69.4	.....	92	7	42	17	2.44	.....	1.07	27	0	12	7	20	4	s.	Arthur M. Stokes.
Uniontown‡‡	Fayette	1,040	56	72.6	−0.8	91	11	51	22	4.43	+0.11	2.10	12	0	10	15	12	4	sw.	William W. Marsteller.
Vandergrift‡‡	Westmoreland	825	30	73.4	0.0	96	11	48	17	2.48	−1.89	0.78	12	0	12	11	19	1	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	56	68.8	−1.0	90	7	47	22	2.26	−2.18	0.57	12	0	7	16	14	1	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	71.0	−2.7	92	6†	46	22	3.71	−0.61	1.57	12–13	0	9	4	24	3	sw.	Thomas S Knox.
Division mean				70.2	.....	96	6†	37	17	3.09	.....	2.42	12	0	9	13	13	5	sw.	
Lake Drainage																				
Albion	Erie	900	....	73.3°	.....	97	11	47	2	3.14§	.....	1.47	12	0	11	17	10	4	w.	Samuel D. Lewis.
Erie	Erie	705	71	73.3	+2.3	92	11	58	17	2.56	−0.45	0.97	10	0	7	11	15	5	sw.	U. S. Weather Bureau.
State mean				72.2	0.0	100	12†	37	17	2.89	−1.87	2.42	12	0	8	15	12	4	sw.	

[See page 66 for explanation of reference marks.]

Daily Precipitation for July 1944

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike				.06	.82									.70			.61				.45	.10			.09			.11		T.	3.27
Hawley[2], 0.5 E	Wayne					1.10								.73				.25				.73	.01			.01		.55	.67	T	.08	4.13
Hollisterville[2]	Wayne					.12							1.02					.51				.61	.04			.02		.11	.02	.05	.03	.01	2.54
Lakeville[2], 1 N	Wayne					.25								.80				.32				.62				.05		.28	.13	.01			2.46
Matamoras[2]	Pike					.11								.28				.90				.75				.06			.12				2.22
Mount Pocono[3], 2 N	Monroe				.39								42	.04			.02			T	.22	.02			.12	T.	.02	.04		.07	.02		1.38
Pleasant Mount[1, 5], 1 W	Wayne					.04							1.60	.10							.34				.05			.35					2.38
Stroudsburg, 2 E	Monroe				.17	.47								1.42			.11				T.	15			.03		.18		12		.01	2.66
Tanners Falls[1, 5], 1 SE	Wayne					.05							1.05	.10			.10				.36				.04	.05		.20			.86		2.31
Wallenpaupack[2]	Pike					1.21								.57				.19				.50						.27	.22		.18	.36	3.50
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh		T.		.05								.17	.06			.29			T.	.27	.01			.03		T.	.43		.06	.02	T.	1.39
Allentown[2]	Lehigh			.10	T.	.27								.60				.32			.01	.14				.03			.30	.14	.20	.03	2.14
Bethlehem[1]	Northampton		.54		.15								T.	.41			.39			T.	.13	.01			.11			.45			.06		2.25
Blakeslee Corners[1, 5]	Monroe				.05								.47	.12			.02				.75				.07			.02		.02	.02		1.54
Gouldsboro[2]	Wayne					.15								.74				.14			.11	1.15	.07		.18			.06	.47	.17			3.24
Lansford[2]	Carbon													.85				T.			.15	.05						.10	.18	.25		.07	1.65
Mauch Chunk, 1 SW	Carbon					.40								.90			T.				.15							.12	.11	.20	.02	.02	1.92
New Tripoli	Lehigh				.30								.51	.49			T.				.24				.06	.01		.36		.36	.03	T.	2.36
Palmerton[1, 5]	Carbon				.02								1.64	.07			.81				.45	.02			T.		.01	.13		.17	.01		3.33
Zionsville, 1 SW	Lehigh					T.								.15			.26				.25	.06				.06		.35			T.		1.13
SCHUYLKILL																																	
Conshohocken	Montgomery					.02									.01		T.				T.					.02							0.05
Fredericksville[2], 1 S	Berks			T.		.13								.25				.09			.06	.09				.02	T.	T.	.03	.40	T.	.02	1.09
Gratersford[2]	Montgomery					.03								T.				.11				.32									.08		0.54
Phoenixville[2], 1.5 SE	Chester				T.									.04	.02						.03	.04				.45				.01		T.	0.59
Port Clinton[2]	Schuylkill			.08										.28				.68			.02	.17						15	.10	.68			2.16
Pottstown[2], 0.5 S	Montgomery			.01		.10								T.							T.	.20						T.			.07		0.38
Pottsville[2]	Schuylkill			.41										1.43				.04			.04	.06						.16	.37	.45	.12		3.08
Reading[1, 5]	Berks				.07								.05	.18			.15			T.	.33	.02			.08	.02	T.	T.		T.	.03		0.93
Wernersville	Berks		.02		.02									.43			.43				.95	.01				T.		T.		.13	.05		2.04
LOWER DELAWARE																																	
Coatesville[6]	Chester													.14							.01				.59						T.		0.74
Doylestown	Bucks				T.	.02								.02	T.		.04	T.			.04	.05				.01					T.	T.	0.18
George School[6]	Bucks				.03									.08				.16			.16	.02			.05								0.50
Marcus Hook[2]	Delaware													T.	.71	T.		T.			.05	.40							.15	.08			1.39
Philadelphia Airport Station[1, 5]	Philadelphia				.08									.51	.10		T.				.07	.02				.01	T	.26		T.	T.		1.05
City Office[1, 5]	Philadelphia													.43	.02		.09				.09	T.					T.	.10		T.			0.73
Shawmont	Philadelphia					.03								.20			.09				.03	.55				.05				.05			1.00
Quakertown, 0.5 E	Bucks				.04	.05								.19			.32	.03			.14	.04				T.		.02			.01	.04	0.88
West Chester	Chester													.18							.47	.01			.02			T.				.01	0.69
West Grove[2], 1.5 SE	Chester													.10	.40			.03			.04	.03							.10				0.70
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga										44		.35								.80							.12	.10				1.81
Centerville[2]	Bradford													.91							.04	.26							.20	.70			2.11
Covington[2]	Tioga													1.54			.10			T.	.06	.82							.62	1.03			4.17
Lawrenceville	Tioga										.12		.40								.92	.13						.92	.10	.17			2.76
NORTH BRANCH																																	
Canton[2], 1 NW	Bradford										.02			.67				.03			.19	.31							.16	1.00			2.38
Danville[2]	Montour			.38										1.65				.02				.35						.08	.52	.15	.05		3.20
Freeland[2]	Luzerne			.02										.57				.07				.15	.15					.05	.14	.28	T.	.05	1.48
Millville[1, 5]	Columbia		.05										1.11	.03			.19				.11							.13		.24	.04		1.93
Monroeton[2], 2 S	Bradford													.40				.03				.23	T.			T.			.25	.33			1.24
Montrose[2], 3 E	Susquehanna				T.									1.64				T.			.03	.68						.20	.26	.09			2.90
Orwell[2], 3 N	Bradford				T.						.23		1.29					T.			T.	.28	.06					.05	.16	.57			2.64
Park Place[3], 1 NW	Schuylkill		.37		.01								1.24	.16			.02			.03	.05						T.	T.		.64	.06		2.52
Pikes Creek[1, 5]	Luzerne			.12										.46							.48				.04					.13			1.23
Rush[2], 6 S	Susquehanna										T.			.94				.12				.47							.46	.18			2.17
Scranton[1, 5]	Lackawanna				.04						T.	1.06	.11				.88				.30				T.		T	.03	T.	.18	T.		2.60
Susquehanna[2]	Susquehanna					T.								1.82				.87			T.	.70							.40	.07	.04			4.00
Towanda[6], 1 E	Bradford									T.		.21	.62				T.			T.	.10	.08					T.	.02	.13	.47			1.63
Tunkhannock[1, 5]	Wyoming			.20								.82					.14				.16							.17		.07			1.56
Wilkes-Barre[3]	Luzerne											.59	.04				.26				.11	T.			.01		T.	T.	T.	.26	T.	T.	1.27
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga													.70							.16	.19							.45	.89			2.39
Bald Eagle[1, 5]	Blair											.70					.06			.15	.55						.20	.27				1.93
Carrolltown[2]	Cambria													.91							.37	.59	.02			.01		.02	.15	.42	.11		2.60
Carter Camp[1, 5]	Potter										12		.69								.42							.50	*	*	.48		2.21
Cedar Run[2]	Lycoming													.91						.03	.29	.48				.06		.11	.25	.56			2.69
Clearfield[2]	Clearfield													.70				.08			.15	.39						.02	.06	.45			1.85
Curwensville[3] 6 NW	Clearfield							T.	.11	.04	.03		.58				.08		T.	.12	.38					T.	.01	.02	.14				1.51
Driftwood[1, 5]	Cameron											.71	.44												.04		.02	.26	.44				§§
Dushore[1, 5]	Sullivan												1.10				*	*	*	*	.50	.36	.06				.03	.36	.01	.25			2.67
Eagles Mere[2]	Sullivan											.59		1.53				.02				.49				.17		.64	.05	.55			4.04
Emporium[2], 1 E	Cameron										.01	.13		.57						.01	.22	.27	T.			.05		.01	.85	.37	.02		2.51
English Center[1, 5]	Lycoming							*	*	*	*	*	*	*	*	*	1.26				1.47						.02	.08	.31	.13			3.27
Galeton	Potter										T.		.70	.05			.04			.04	.34	T.					T.	.50	.03				1.70
Karthaus[2]	Clearfield			.06							.02		1.10					.38		.03	.06	1.49						.06	.09	.45		.03	3.77
Lock Haven[2]	Clinton			T.									.96					.16		.02	.05	.07						.03	.13	.47		.06	1.95
Medix Run[1, 5]	Elk								.16			.64								.09	.55					.01	.07	.69					2.21
Philipsburg[3], 7 E	Centre		T.					T.				1.30					.46			.10	.32				T		T.	.41	.44	T.	.02		3.06
Renovo[2]	Clinton											.23	.76					.05		.03	.33	1.20				T.		T.	.05	.37			3.02
State College[1, 5]	Centre		T.									.82	T.		.01	.05		T.		.07	.47	T.			T.	T.	T.	.24	.40	T.	.02		2.08
Tamarack[2], 2 S	Clinton								T.	T.		.01	.59					T.		T.	.16	.44						.17	.42	.35			2.14
Wellsboro[2]	Tioga												.89					.03			.09	.30						.02	.37	.57			2.27

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Daily Precipitation for July 1944—Continued from page 51

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport[2]	Lycoming													.50				.10				.30						T.	.03	.59			1.52
Williamsport[2], 4 SE	Lycoming			.15									.06	.83				.12				.40	.04					.22	.04	.83		.16	2.85
JUNIATA																																	
Altoona, 4.5 W	Blair												*	.81						.52	.76	.06								.43			2.58
Breezewood[1], 0.5 E	Bedford											T.	.60	.30						.84	.59	.02											2.35
Buffalo Mills[2]	Bedford													.83							1.22	.45											2.50
Burnt Cabins[1], 2 NE	Fulton												.14	.27						.45	.55	.01							.03	.37			1.82
East Waterford[2], 3 E	Juniata												T.	.26			T.			T.	.21	.25				.01		.06		.40			1.19
Everett[2], 0.5 SW	Bedford													.99				T.			1.15	.34						T.		.13			2.61
Huntingdon[2]	Huntingdon													1.52							.23	.26						.01	T.	.39		T.	2.41
Lewistown[2], 2 SW	Mifflin													1.26						T.	.10	.16								1.49		T.	3.01
Mapleton Depot[2]	Huntingdon													1.06							.26	.18						.01		.29		.09	1.89
Martinsburg[3]	Blair												1.10			T.	.01			.68	.24	.15			T.		T.		.12				2.30
McConnellstown[2], 4 NW	Huntingdon													1.26							.48	.87						.05		.23			2.89
Neffs Mills[1, 5], 3.5 NE	Huntingdon												.53							.18	.60							.12	.51			.16	2.10
New Bloomfield	Perry													.41						.03	.65	.04				T.		T.		.40			0.93
Newport[2]	Perry													.30							.05	.07						T.	T.	.41			0.83
Saxton[2], 1 W	Bedford													.58							.80	.33								.39			2.10
Shade Gap[1, 5], 0.5 SW	Huntingdon												.34	.02						.34	.18							.38	.03			1.29
Shaver Creek[2]	Huntingdon													.58						.06	.31	.56						.03	.10	.50	.03	.20	2.37
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams												T.	.49	.07			.10			.17	.15				T.		.13	T.	.32			1.43
Bloserville, 1.5 N	Cumberland											T.	T	.12						.19	.14	.04					T.	T.		.28			0.77
Carlisle[6]	Cumberland												.24	.81						.13	.14	.02					T.	.66		.33			2.33
Columbia[6]	Lancaster		T.											.77						T.	.89	.02			.08	.12		.22		.39			2.49
Dauphin[2], 3 N	Dauphin												.20	.83								.13						.23		.72	T.		2.11
Ephrata	Lancaster																																
Glen Rock[1, 5]	York												.19	.21						.62	.51					.04							1.57
Gordon	Schuylkill		.40										.06	.62			.01				.05	.02				.02		.02		.28	.06	.01	1.55
Grantville[6], 4 NW	Dauphin												.07	1.23			.10			.09	.05							.23		.21	.04		2.02
Hanover[2]	York			T.										.26	.10						.44	.01						.02	T.	.30			1.13
Harrisburg Apt[1, 5], 3.5 S	Dauphin												.32	.04			.03			.07	.05	T.					.08	T.		.29			0.88
Holtwood[2]	Lancaster	T.		1										.13	.01			T.			.03	.10						T.				T.	0.27
Huntsdale[2]	Cumberland													.78							.22	.17						.14		.23			1.54
Kirkwood[1, 5], 1 SW	Lancaster													.16			1.00			T	.32	.01									T.		1.49
Lancaster	Lancaster					.06								.27							.64	.04				.01		.50					1.52
Lebanon[2]	Lebanon			T.										.15				.07			.04	.58				T.		.09		.74	.03		1.70
Middletown[1], 1.5 W	Dauphin												.21	.04			T.			.09	.17	.01					.03	.01		.30			0.86
Millersburg[1, 5], 2 E	Dauphin												.41								.08								.01	.49			0.99
Milroy[2], 5 N	Mifflin													.62				.05			.03	.46	T.					T.	.46	.48	.08		2.18
Newburg[1], 3.5 NW	Cumberland												.03	.13						.29	.17							T.		.22			0.84
New Park	York													.30							.52													0.82
Pine Grove[2], 1.5 NE	Schuylkill												.03	1.52				.06			.01	.05				T.		.30	.34	.49		T.	2.80
Ringtown[2], 1.5 SW	Schuylkill													.78							.01	.01						.01	.22	.52		.06	1.61
Selin-grove	Snyder		.20		.05									.99		.05	.10				T.	.04								.48	.07		1.98
Shamokin[2]	N'umberland			.18										.74				.02				.23								.33		.03	1.53
Shippensburg	Cumberland												.16	.88						.10	.26							.27					1.67
Sunbury[2]	N'umberland			.73										1.41				.01			T.	.08						.02	.02	.60	T.	.14	3.01
Williamstown[2]	Dauphin													.95				T			.14	.08						.15	T.	.72			2.04
Woodward[3], 2 NE	Centre		.01										1.02				.18			T.	.49			T.			.13	.11	.62		.05	2.61
York, 3 SW	York			.04									.19	.64	.02						1.08	.01			.71	.01		1.06		.04			3.80
York Haven[2]	York													.44							.04	.12				.03		.38		.67			1.68
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin													.50	.03						.23	.35						.25		.24			1.60
Gettysburg	Adams			T.										.60				T.			.33				T.			.02		.30			1.25
Hewitt[6], 2 SW	Bedford													.50			.10				1.10	.06								.40			2.16
Hyndman[2]	Bedford												T.	.73	.05						1.15	.45						T.					2.38
McConnellsburg[2]	Fulton												T.	.86							.88	.18								.27			2.19
Mercersburg[2]	Franklin																																
South Mt. San't'm[2]	Franklin			T.										.91	.12			.08			.19	.20						.48		.80			2.78
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny								T.					.85						.15	.68	.22				.03		.28	.04	.37	.19		2.81
Allens Mills[1, 5]	Jefferson												.51				.29			.14	.36	.04					.07	*	.81				2.22
Blairsville[2], 6 NE	Indiana											.34		1.46						.20	.83	.45						.05		.61	.02	.07	4.03
Boswell[2], 6 NW	Somerset													1.72				.05		.05	1.22	.55						.09		.38			4.06
Bradford, 4 W	McKean										.63		.65	.13						.05	.34	.05				.13	.05	.50					2.53
Brookville[3]	Jefferson												.64				.35			.12	.47	T.			.04		.17	.43	.63				2.85
Buckstown[1, 5]	Somerset												*	.32			.06			1.21	1.09								.29				2.97
Clarion[2], 3 SW	Clarion													1.13				.05		.04	.27	.19	.11			.10		.27	.05	.30			2.51
Corry	Erie																						T.			.04		.34	T.	*	.18		§§
Coudersport	Potter										.08		*	*						1.00	*	1.20	.03			*	*	.58					2.89
Derry	W'moreland								T.				.59	.80						.78	.90	.15					T.			.58			3.80
Donegal[1]	W'moreland		T.										1.76	.18					.03	1.43	.52						T.	.05	.38	T.	.08		4.43
Dunlo[1, 5], 0.5 SW	Cambria												1.22	.03						.69	.68							.08	.31				3.01
Ebensburg[2]	Cambria													.75							.81	.69	.01			T.		.04	T.	.22	.02	.01	2.55
Ford City[2], 4 S	Armstrong											.02		.90						.31		.42				.16		.16	.72	.20	T.		2.89
Franklin[2]	Venango										.04			.68				.10		.04	.18	.41	T.			.08		.10	.25	.03			1.91
Glen Hazel[2], 1 NE	Elk										1.01	.02		.52				.03		T.	.23	.05	.07			T.		.09	.87	.21			3.10
Home[1, 5]	Indiana												1.18	.03						.36	.40				.01			.20	.41				$2.59
Indiana	Indiana			T.										.93	1.49					.62		.24				.03	.03	.08	.31	.58	.56		4.87
Johnstown[6], 0.5 W	Cambria													.05	1.19				.03	1.11	.56	.14				T.	.10	.02		.31			3.51
Kane[1], 1 N	McKean									1.05	.25	.02	.62				.03			.15	.49	.05			.01		.05	1.26	.01				3.99
Kregar[1, 5] SE	W'moreland												1.55	.03			.05		.03	1.48	.48						T.	.07	.46		.04		4.19
Lycippus[1, 5] E	W'moreland												.04	1.82			.23			1.30	.45	.50					.05	.18		.62	T.		5.19
Marienville[1, 5]	Forest													.98						.08	.17							.48					§§
Meadville[2], 1 S	Crawford								T.	.05	.03	.48		.67			.54			.33		.46				.18		.26	.11	.09			3.20
Mosgrove[2]	Armstrong													1.09				.04		T	.47	.07				.10		.05	.31	.28	T		2.41
Parkers Landing[2]	Armstrong											.09		.58				.06		.03	.39	.03				.47		.08	.42	.44	.43	.02	3.04
Pittsburgh Cty Of[15]	Allegheny							T.	T.					.62				.02	.03	1.06	.12	T.			.05		.04	.04	.21	.03	.08		2.30
Port Allegany[2]	McKean										.02	.02		.52				.03		.02	.02	.55	.01			.02		.01	.59	.05			1.86
Punxsutawney[2]	Jefferson									.14	.10			1.40				.02			.47	.24				.18		.02	.62	.49			3.68

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Daily Precipitation for July 1944—Continued from Page 52

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong										T.			1.50				.09		.09	.27	.12	T.			.08		.03	1.32	.29			3.79
Ridgway[2]	Elk											.40		.68				.02			.09	.14	T			.08		.04	.52	.34			2.31
Saltsburg[2]	Indiana			T.				T.	T.					1.50						.42	.79	.07				T.		.06	.09	.34	.05	.03	3.35
Seward[2]	Indiana													1.18							1.11	.94						.06		.36		.14	3.79
Sheffield[1, 5], 6 W	Warren												.54				.16			*	.51					.07		.02	.50	.02			1.82
Smethport[1, 5], 1 SW	McKean										.10		.35							.12	1.10								.62				(5)
Strongstown[1, 5]	Indiana								.01				1.16							.59	.35					.09		.02	.05	.57		.07	2.91
Tionesta[2], 1.5 SE	Forest										.07	T.		.67				.01		.10	.12	.02					.32		.02	.48	.02			1.83
Titusville, 2 S	Crawford								T.		.01		.22	.40			.02			.22	.18	.14			T.	.08	.03	1.07	.05	.02			2.44
Union City[1, 5]	Erie										.40		1.41							.41	.25	.23					.20	.53	.31	.04			3.78
Vandergrift[1]	W'moreland												.78				.09			.69	.15	.01			.07	.05	.06	.17	.06	.13	.22		2.48
Warren[2]	Warren										T.			.57						.47	.10	.30				.36		.16	.30	T.	T.		2.26
Youngsville[1, 5]	Warren										.20		.46							.49	.08				.49		.14	.39					2.25
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset								.68	.06		T.	.05	1.58						.05	1.07	1.06						.01	.02	.38			1.96
Connellsville[2]	Fayette									.44				2.00						.08	.67	.74						.11	.07	.42			4.53
Donora[1]	Washington							.01	.01				1.43	.06			.01			1.18	.43						.04	.08	.57				3.82
Greensboro[2]	Greene								.06					1.36						.19	.95	.24						.09	.33	.37		.03	3.62
Greensburg, 2 S	W'moreland							T.					.02	1.09			.26		.02	1.23	.25	.16					T.	.04	T.	.44	T.		3.51
Irwin	W'moreland		.20	.07					T.				T.	1.14			.30		.01	1.75	.12	.14					.05	.13	T.	.49	.03		4.34
Meyersdale[2]	Somerset													1.60	T.					.03	1.18	.99								.25			4.05
Murrysville // [1, 5]	W'moreland								.05				1.09							1.29	.05						.02	.15	.34		.15		3.14
Newell[7]	Fayette								.04					2.08						.40	.68	.83					.04	.16	.06	.25	.07		4.56
Pittsburgh Arpt. // [1, 5]	Allegheny		T.					T.	.01				1.28	T.			.25		.04	1.38	.07	T.			T.	T.	.07	.04	.37	.04	.15		3.70
Rices Landing[2]	Greene								.07					1.80							.56	.63						.18	.28	.52		.15	4.19
Somerset	Somerset												.05	1.25						.83	.21	.66					.02	.02		.45	T.		3.49
Springs[6], 1 SW	Somerset								.04				.12	1.65					.01	1.03	.29	.68	.04				.02	.28		.16	.10		4.42
Uniontown	Fayette								.02				.10	2.00					.13	.66	.02	.86					T.	.23		.40	.01		4.43
Waynesburg	Greene								.09					1.57						.38	.09	.43						.52	.14	.38	.11		3.71
BEAVER																																	
Beaver Falls[2]	Beaver								T.					.77						.16	.27	.44	T.			.28		.09	.05			T.	2.06
Butler	Butler													.20						.60	*	.33				.50	.12	.05		.08			1.88
Greenville	Mercer								.01		.04		.69	.04			.06			.12	.10	.17			.05	.18		.70	.01	.15			2.32
Jamestown[2], 2 NW	Mercer								T.					.77			.13			.19	T.	.49				.03		.48	.27	.05			2.41
Mercer Arpt.[3], 2.5 NE	Mercer								T.	T.	T.		.89				T.			.33	.01	.01			.49	T.	T.	.26	.15				2.14
New Castle, 1.5 N	Lawrence													.18			T.			.45		.05				.53		.10	.10	1.41	T.		2.82
Pennline, [2], 1 S	Crawford													.62			T.			.32		.36				.02		.10		.22			1.64
Sharon[2]	Mercer								T.		.49			.85						.50		.05				.37		.10	T.	.24			2.60
OHIO																																	
Claysville[2]	Washington													.59						.28	.44	.16						.10	.07	.33		.08	2.05
Coraopolis[2], 1 E	Allegheny													2.01				.15		.60	.10	.35				.16		.06	.02	.19	.21		3.85
Midland[2]	Beaver								T.	.03			.01	1.10						.60	.10	.60				.18		.15	.02	.02	.22		3.03
Mt. Lebanon[6]	Allegheny							T.	T.				.88	.05			.15		.04	1.22	.13					.10	.03	.15	.21	.06	.31		3.33
Washington[1, 5]	Washington												.52						.58	1.16	.18						.13	.01	.62				3.20
LAKE DRAINAGE																																	
Albion[6]	Erie										.19		1.45	.02			.09			.05	.01	.36					T.	.03	.02	.48	.44			(5)3.14
Erie[1, 5]	Erie								T.		.97		.81				.29			.14	T.					.03		.02		.30	T.			2.56
Raymond[1, 5]	Potter											.02	.63							.12	1.08							.02	.20	.23				2.30

[See page 56 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jamestown[2], 2 NW	Evaporation	.190	.218	.206	.272	.256	.244	.236	.268	.134	.216	.216	.228	.170	.268	.180	.270	.300	.216	.162	.192	.220	.222	.242	.288	.122	.262	.100	.314	.246	.212	.172	6.842
	Wind movement	11	13	20	17	16	16	5	27	12	20	19	20	34	26	12	33	29	46	32	57	30	27	18	44	25	43	51	34	48	42	12	839
Shaver Creek[2]	Evaporation	.208	.194	.286	.170	.236	.250	.174	.220	.210	.286	.298	.268	.202	.254	.218	.158	.112	.298	.240	.036	.138	.232	.172	.186	.202	.266	.044	.218	.324	.236	.204	6.540
	Wind movement	5	19	10	1	2	5	2	2	1	10	1	14	12	8	2	4	13	15	6	3	4	27	7	3	12	23	1	30	32	23	10	307
Wallenpaupack[2]	Evaporation	.240	.221	.219	.206	.248	.227	.223	.215	.221	.277	.253	.330	.355	.222	.182	.178	.201	.252	.200	.178	.102	.181	.225	.191	.233	.260	.174	.156	.308	.197	.564	7.239
	Wind movement	46	27	20	26	56	50	32	17	57	52	76	130	151	46	23	79	42	47	30	77	63	69	72	60	125	61	61	58	94	57	36	1840

Italics mean minus quantity. [See page 56 for explanation of other references.]

Daily Temperatures for July 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum..	80	84	85	....	86	91	94	90	90	90	97	88	76	82	86	....	84	82	84	....	79	83	88	85	80	84	83	88	81	80	88	85.3*
	Minimum..	54	47	59	..	59	58	59	72	74	70	71	73	62	64	64	....	56	65	...	60	55	55	57	64	59	55	67	63	60	62	52	61.3*
Allentown Arpt.[3-4 NE..	Maximum..	88	86	88	84	91	94	96	94	93	93	94	95	86	88	90	90	87	89	80	83	78	86	91	93	92	92	92	94	89	91	93	89.7
	Minimum..	57	58	56	61	58	61	66	65	65	65	69	74	69	61	60	64	60	55	60	65	56	53	57	60	65	60	68	64	66	62	69	62.2
Allentown /.	Maximum..	85	90	85	85	89	93	94	94	92	92	93	93	86	86	88	88	84	83	80	84	77	85	90	93	90	91	93	93	87	90	93	88.6
	Minimum..	55	56	55	62	58	62	66	61	64	66	69	74	72	65	63	66	58	55	59	65	63	53	59	60	64	60	64	63	66	62	67	62.4
Altoona-4.5 SW	Maximum..	79	79	81	85	84	90	89	...	...	...	...	...	81	81	84	83	81	79	74	73	74	80	85	85	86	81	83	88	84	85	90	82.5*
	Minimum..	54	50	51	56	54	55	57	...	...	...	...	...	62	59	56	59	49	52	60	61	56	53	56	54	60	56	66	61	57	61	61	56.8*
Arendtsville[6]	Maximum..	85	86	85	90	92	94	97	93	92	93	95	97	79	86	89	94	87	85	81	75	80	86	90	92	92	89	90	93	88	91	94	89.0
	Minimum.	62	61	57	55	56	62	63	63	61	64	64	66	71	62	64	61	64	60	65	63	60	49	56	57	67	62	67	60	65	62	65	61.8
Bethlehem[1]	Maximum..	83	80	80	81	89	93	97	93	91	93	93	92	86	85	89	85	84	86	78	81	75	84	89	91	90	91	91	93	87	90	93	87 5
	Minimum..	58	58	55	60	59	66	66	66	66	68	70	73	70	66	63	65	60	58	62	63	59	54	64	63	68	62	69	64	66	65	71	63.8
Bradford-4 W	Maximum..	78	79	82	82	83	88	90	86	88	89	89	88	77	79	84	83	76	75	75	78	68	78	83	82	78	77	77	82	79	78	88	81.3
	Minimum..	47	53	49	46	50	52	47	57	57	56	59	66	58	50	49	52	43	51	51	58	50	44	49	50	54	47	64	51	57	56	51	52.4
Brookville[3]	Maximum..	80	79	84	83	86	91	89	86	90	90	91	87	82	83	87	81	82	79	75	80	70	80	85	82	82	84	77	83	80	84	91	83.3
	Minimum..	49	48	49	51	47	51	55	63	57	61	62	65	58	57	57	47	44	51	61	60	46	44	47	50	60	51	60	60	59	58	54	54.5
Burnt Cabins[1-2 NE	Maximum..	84	84	87	89	90	94	94	94	90	92	96	95	86	90	88	95	86	88	81	75	80	85	88	92	92	90	89	95	88	91	94	89.1
	Minimum..	54	50	52	53	53	55	62	63	58	62	64	70	65	62	63	62	53	54	64	62	52	46	52	54	64	53	68	59	63	63	64	58.7
Butler	Maximum..	79	84	85	90	89	90	95	94	94	90	95	96	90	84	87	88	87	85	80	79	81	80	87	83	83	85	85	88	88	89	89	87.1
	Minimum..	5?	50	49	55	55	52	45	60	60	60	64	74	60	59	57	55	43	55	63	62	55	46	....	49	61	55	67	60	60	59	60	56.7*
Canton /-1 NW	Maximum..	79	80	83	84	86	87	88	89	86	87	90	86	80	82	83	82	78	82	78	68	69	81	84	81	83	81	82	87	80	83	88	82.5
	Minimum..	51	53	51	52	56	59	60	64	63	64	63	69	61	51	56	60	51	48	52	60	53	50	54	56	59	54	56	59	60	61	57	56.9
Carlisle[6]	Maximum..	82	85	85	88	90	92	94	94	91	92	95	96	87	85	87	91	82	84	83	74	78	87	90	92	93	87	88	94	85	90	92	88.2
	Minimum..	57	55	54	56	56	60	60	61	60	63	63	68	69	61	61	65	58	53	63	62	58	49	57	55	60	56	66	62	67	60	66	60.0
Chambersburg[6-1 SW...	Maximum..	84	85	86	88	90	93	95	92	90	92	93	96	76	85	87	92	87	85	79	75	77	83	88	91	90	87	87	92	86	90	92	87.5
	Minimum..	58	56	56	56	55	59	63	64	62	65	61	70	70	62	64	64	58	59	64	61	58	49	56	57	67	60	68	62	63	63	64	61.1
Clarion[6-3 SW	Maximum..	83	83	86	87	89	96	94	89	93	93	93	92	81	85	89	82	83	82	75	80	72	83	88	83	83	86	83	88	87	81	85	85.8
	Minimum..	51	50	51	53	55	53	55	61	59	62	62	65	58	56	57	58	45	53	61	59	53	48	51	52	59	53	63	57	57	58	59	55.9
Claysville /.	Maximum..	80	82	85	86	87	91	87	89	89	91	93	92	81	84	86	83	82	79	76	74	72	81	86	85	86	88	82	88	80	84	92	84.5
	Minimum..	52	49	53	51	50	50	52	64	58	60	62	68	59	53	54	55	44	44	62	56	48	46	48	62	59	62	66	58	55	58	58	55.4
Coatesville[6]	Maximum..	84	87	86	88	92	95	97	94	93	92	94	95	86	86	90	92	86	86	83	86	81	88	92	94	94	94	93	96	91	95	94	90.5
	Minimum..	65	61	62	64	59	65	74	71	76	76	72	69	72	68	62	75	67	62	56	64	63	65	62	62	67	64	70	68	70	71	71	66.9
Columbia[6]	Maximum..	86	89	88	92	94	96	98	95	95	96	98	98	83	90	91	94	90	90	82	85	82	88	92	96	95	92	92	97	92	95	94	91.8
	Minimum..	65	57	56	58	58	61	61	62	64	67	68	73	73	66	66	69	63	55	59	64	62	51	61	60	66	60	70	62	66	62	70	63.1
Corry	Maximum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	77	70	81	86	81	79	79	78	85	78	82	87	???
	Minimum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	60	55	44	46	62	52	45	54	53	58	56	48	???
Coudersport	Maximum..	79	80	83	84	85	89	90	86	88	89	90	88	79	82	86	80	78	77	74	75	69	80	84	84	82	81	79	84	79	82	89	82 4
	Minimum..	49	44	42	42	46	49	51	61	62	57	56	60	58	48	52	49	44	40	49	58	52	41	44	48	51	44	54	56	55	54	52	50.6
Curwensville[3-6 NW....	Maximum..	74	75	80	79	83	84	86	83	83	83	86	84	80	77	82	77	76	75	65	69	68	75	80	78	80	75	77	81	74	80	86	78.5
	Minimum..	55	56	56	56	60	57	61	63	58	63	65	64	60	59	60	51	47	56	59	56	46	48	55	59	58	56	61	57	58	59	61	57.4
Derry	Maximum..	82	82	85	87	88	94	91	93	93	93	95	92	81	85	85	83	81	80	75	74	70	81	87	84	85	84	83	90	83	84	93	85 3
	Minimum..	56	50	54	67	52	54	62	61	60	63	64	72	64	57	63	58	49	59	63	63	55	49	53	65	65	59	69	63	62	62	62	59.8
Donegal[1]	Maximum..	77	80	82	83	83	89	89	87	88	92	93	90	79	83	84	85	80	78	68	74	68	77	83	82	83	83	82	86	88	81	92	82.9
	Minimum..	53	48	53	49	49	49	58	62	55	54	61	64	60	53	60	54	46	56	58	58	52	42	50	52	60	58	52	58	58	60	58	54 8
Donora[1]	Maximum..	84	86	89	91	90	95	93	93	92	93	94	93	81	86	91	87	84	80	77	75	78	85	89	81	91	89	86	91	85	89	93	87.5
	Minimum..	60	55	58	59	58	65	70	66	67	72	75	66	62	63	64	53	62	66	67	56	54	60	63	68	66	70	65	65	65	66	63	63.4
Eagles Mere /	Maximum..	74	81	77	82	85	85	87	87	85	87	87	82	84	85	86	80	75	77	77	68	63	72	82	77	85	80	85	82	78	80	84	80.6
	Minimum..	52	53	56	58	61	61	62	62	63	63	65	65	61	56	61	53	53	56	59	53	48	48	59	59	60	61	61	59	60	61	61	58.2
East Waterford-3 E	Maximum..	76	79	81	82	84	87	90	88	85	89	91	87	80	83	81	82	79	76	71	65	76	78	82	82	83	80	80	86	80	84	87	81.7
	Minimum..	56	60	61	63	62	66	70	70	65	67	69	68	63	60	67	67	58	59	58	59	55	55	65	66	67	67	67	65	60	66	69	63.5
Ebensburg /	Maximum..	75	75	79	80	81	86	88	87	88	88	90	90	82	82	83	79	78	80	64	72	69	76	82	82	81	81	78	85	89	80	89	81.3
	Minimum..	56	48	51	52	50	52	57	59	55	60	62	62	56	58	58	56	45	55	59	55	53	45	53	52	59	54	60	57	56	58	59	55.2
Emporium /-1 E.	Maximum..	....	83	....	....	....	....	94	....	....	....	....	....	....	....	....	....	....	....	....	75	74	78	72	82	87	82	85	80	82	85	82	83	90	???
	Minimum..	50	48	....	51	....	....	....	....	....	....	63	63	60	53	55	55	47	45	45	45	55	45	46	52	54	52	54	58	57	56	56	52.7*
Ephrata	Maximum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Erie[1]	Maximum..	78	80	81	84	81	86	88	90	87	88	92	83	72	77	82	78	74	81	84	75	70	79	85	82	74	84	80	87	80	76	81	81.3
	Minimum..	58	61	64	64	64	65	68	75	75	69	74	67	63	61	63	66	58	63	68	64	60	62	67	69	65	64	70	67	64	64	61	65.3
Everett[1-0.5 SW.....	Maximum..	84	85	89	90	90	95	97	91	92	96	96	97	84	86	88	92	85	85	77	73	75	84	87	90	90	88	86	93	88	90	95	88.3
	Minimum..	53	48	50	50	51	52	56	61	57	58	60	62	62	60	60	58	53	54	62	60	52	47	50	51	60	58	62	56	62	57	60	56.2
Ford City[6-4 S	Maximum..	81	82	85	87	88	91	87	89	91	91	92	92	82	84	86	85	82	83	82	81	73	83	86	87	85	85	86	86	86	86	91	85.6
	Minimum..	52	50	51	53	51	55	54	65	57	60	63	68	59	57	59	58	45	53	60	51	52	46	50	50	48	47	61	60	59	61	61	55.4
Franklin /.	Maximum..	82	83	86	87	88	91	93	89	91	90	92	88	80	83	86	81	83	83	75	82	71	83	87	81	82	85	83	85	79	84	90	84 6
	Minimum..	52	52	54	56	54	54	57	60	63	65	64	65	62	56	57	58	46	47	56	61	55	49	49	53	58	54	55	58	60	59	59	56.4
Fredericksville[6-1 S.....	Maximum..	81	83	82	82	87	91	92	89	88	87	89	90	84	85	85	82	83	80	80	76	83	87	90	90	89	89	90	85	90	90	85.9
	Minimum..	55	53	54	54	52	55	60	59	58	51	63	69	70	64	58	63	55	52	53	62	60	45	53	54	61	55	67	57	64	57	66	58.0
Freeland	Maximum..	78	77	80	82	83	86	89	87	85	83	87	86	79	81	80	83	76	79	75	70	68	78	82	85	80	84	82	87	83	83	89	81.5
	Minimum..	53	56	56	58	59	58	64	67	65	64	66	69	63	57	63	61	55	54	59	58	56	50	60	64	64	60	67	62	61	62	66	60 5
George School[6]	Maximum..	85	85	84	84	89	92	94	92	91	90	93	93	86	84	88	88	86	85	81	86	80	87	90	90	92	94	93	96	90	94	92	88 8
	Minimum..	60	59	58	62	60	63	68	65	67	69	70	74	72	69	62	68	63	59	57	65	65	52	63	63	69	63	76	68	71	70	71	65.2
Gettysburg	Maximum..	82	84	84	87	87	93	94	92	91	91	93	96	90	84	86	94	86	83	92	78	79	85	90	93	93	92	91	95	91	93	92	89.1
	Minimum..	62	59	58	58	59	63	65	65	65	69	71	73	70	65	69	70	65	60	67	65	62	53	65	63	71	65	70	65	66	66	67	64.9
Gordon	Maximum..	81	78	82	83	87	91	92	91	89	90	92	91	83	85	86	87	79	82	82	72	74	84	88	87	87	86	86	91	85	89	90	85.5
	Minimum..	50	51	54	51	53	57	58	57	60	62	72	68	58	55	61	51	47	58	62	58	43	49	53	62	51	68	55	63	57	61	56.6
Greensburg-2 S	Maximum..	80	82	84	86	86	91	90	90	90	91	92	90	81	84	86	84	80	80	73	74	73	80	85	82	85	86	82	87	80	84	92	84.2
	Minimum..	52	45	48	48	47	63	69	66	54	63	59	64	69	55	58	51	43	52	59	59	48	44	47	49	60	57	66	58	56	59	57	55.6
Hanover /	Maximum..	86	89	88	90	93	95	96	93	91	92	94	95	76	86	90	94	87	85	81	79	80	85	89	91	94	93	91	94	92	91	92	89.4
	Minimum..	64	60	61	62	62	65	67	70	70	69	72	73	71	66	66	69	67	61	66	65	62	54	58	67	71	67	71	67	66	68	68	66.0
Harrisburg Arpt. [1-3.5 S.	Maximum..	85	87	88	89	92	94	97	95	93	93	96	95	85	86	90	92	84	85	82	76	78	86	91	93	93	90	90	95	88	91	93	89.4
	Minimum..	60	60	60	61	61	64	64	66	66	70	71	72	70	68	68	69	64	58	67	65	61	55	62	64	68	60	69	65	67	65	70	64.8
Hawley[6-0.5 E	Maximum..	82	85	85	84	89	91	91	94	92	93	94	91	83	85	86	90	82	84	78	79	75	85	88	90	87	88	89	91	86	86	88	86 8
	Minimum..	49	51	48	58	51	55	56	59	58	59	62	70	65	53	55	67	49	48	52	61	58	46	56	58	67	58	66	57	63	56	59	56.8
Hewitt[6-2 SW....	Maximum..	85	85	86	90	90	94	95	93	94	96	97	100	96	86	89	94	85	86	83	80	75	76	89	92	90	91	88	95	93	92	95	89.7
	Minimum..	52	47	51	47	49	50	53	63	55	53	59	61	59	62	65	61	50	55	62	58	50	53	....	....	....	....	....	....	....	....	....	55.2*
Holtwood[1]	Maximum..	86	89	86	88	90	91	95	91	90	91	93	95	85	86	88	88	86	86	81	84	78	87	90	91	93	91	89	95	88	91	94	88.9
	Minimum..	66	64	64	64	66	68	69	70	71	72	73	77	73	72	71	73	71	64	66	70	64	59	66	66	75	68	76	70	72	69	75	69.2
Huntingdon	Maximum	84	87	86	89	91	95	96	95	95	96	97	96	85	87	89	87	85	86	75	77	77	85	89	90	90	87	88	95	86	90	96	88.7
	Minimum..	60	51	67	51	51	51	56	62	55	59	63	66	67	60	59	62	50	50	64	61	54	45	53	54	68	52	62	57	62	60	61	57.8
Indiana	Maximum..	81	81	84	86	87	92	91	88	92	92	94	94	78	83	85	84	82	82	79	83	72	81	85	85	83	82	83	87	83	83	91	84 9
	Minimum..	57	56	57	57	54	61	66	66	61	64	65	68	64	62	63	60	48	58	63	62	54	58	55	58	59	60	62	63	58	61	61	60.1
Irwin	Maximum..	83	83	85	87	87	93	92	89	92	93	93	93	88	85	87	84	84	83	77	73	74	82	87	87	87	87	87	87	86	85	94	86 3
	Minimum..	66	48	53	54	53	55	60	67	60	62	66	72	62	59	60	58	48	57	62	62	54	49	54	60	64	61	67	60	60	61	63	59.3
Jamestown / -2 NW	Maximum..	78	82	85	86	75	79	83	88	91	92	93	88	77	84	89	88	84	83	81	82	72	85	89	86	85	86	85	89	82	83	90	84.4
	Minimum..	51	48	48	51	47	49	53	64	64	61	67	69	57	52	50	57	41	57	61	59	52	48	53	57	55	54	61	58	55	55	54	55.1

Continued on page 55.

Daily Temperatures for July 1944—Continued from page 54.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Johnstown[6]-0.5 W	Maximum	82	82	81	84	85	89	91	88	89	90	92	91	80	85	87	83	82	78	68	72	71	80	85	83	84	83	82	88	81	80	82	83.2
	Minimum	49	52	49	52	53	54	58	61	57	60	63	65	64	58	60	56	48	60	61	57	56	47	51	52	64	58	60	55	51	52	56	56.6
Kane[1]-1 N	Maximum	77	79	82	81	84	89	90	87	89	86	88	85	80	82	85	77	76	76	72	77	69	79	85	79	82	78	78	82	77	81	89	81.3
	Minimum	42	42	43	45	42	45	46	59	54	56	56	60	51	47	50	45	37	40	56	53	44	40	44	50	50	45	55	50	35	52	49	48.5
Lancaster	Maximum	86	86	87	85	91	93	94	91	91	91	90	94	92	88	87	89	87	87	83	82	80	86	89	90	93	93	90	94	93	93	93	89.3
	Minimum	56	56	56	56	56	58	59	61	61	64	67	72	70	64	65	65	61	54	57	64	60	50	57	58	65	58	65	62	60	63	68	61.2
Lawrenceville	Maximum	81	84	86	86	88	89	93	90	92	89	96	90	78	84	86	83	79	84	76	72	71	83	88	87	84	83	84	89	84	86	87	84.8
	Minimum	51	52	50	53	53	54	60	63	61	53	63	57	64	53	57	61	53	56	58	58	55	46	51	57	57	52	56	59	61	54	56	56.1
Lebanon	Maximum	89	86	87	88	91	93	96	95	93	96	95	95	87	88	90	92	85	88	81	80	78	87	90	92	94	90	90	95	89	93	93	89.9
	Minimum	57	59	61	60	59	62	64	67	65	67	70	73	72	67	68	69	61	57	66	65	61	51	59	61	68	69	69	63	66	64	64	63.7
Lewistown -2 SW	Maximum	82	85	86	85	90	91	93	93	93	92	95	95	85	86	87	89	88	83	78	76	77	85	84	89	91	86	88	94	87	86	95	87.5
	Minimum	55	58	54	56	56	57	58	60	58	60	60	68	69	60	58	63	64	53	54	62	58	49	51	55	55	54	57	60	62	62	63	58.2
Lock Haven[6]	Maximum	85	84	88	87	93	92	95	91	93	94	96	95	85	85	89	83	84	79	80	76	72	86	90	88	88	78	84	92	84	89	94	87.1
	Minimum	55	53	56	58	58	58	59	65	62	64	67	69	65	59	59	63	55	50	62	61	55	49	55	55	60	57	65	62	63	61	64	59.5
Marcus Hook[1]	Maximum	86	86	84	88	97	99	98	97	97	96	99	99	88	83	93	94	90	88	89	91	85	91	96	97	99	97	99	97	94	97	95	93.2
	Minimum	66	64	61	67	65	72	73	72	74	75	76	79	71	69	66	73	68	64	67	68	68	61	71	73	79	72	77	73	72	71	82	70.7
Martinsburg[3]	Maximum	79	80	81	85	85	88	89	87	87	88	90	92	80	80	84	83	80	77	68	70	70	78	84	83	83	80	82	88	80	83	91	82.4
	Minimum	56	52	53	56	57	58	59	64	59	64	75	68	68	61	64	59	52	57	60	58	56	51	57	60	60	57	64	60	61	63	64	59.6
Mauch Chunk-1 SW	Maximum	82	82	84	....	86	88	91	90	89	89	92	....	91	..	85	88	80	82	80	77	76	83	....	88	88	89	89	88	89	86	88	85.9[2]
	Minimum	50	45	47	....	50	57	54	56	55	57	60	....	63	55	....	61	53	46	53	60	58	44	50	....	59	51	64	54	56	56	60	55.3[2]
Meadville /-1 S	Maximum	80	84	86	86	87	91	94	88	91	91	94	86	76	83	87	79	79	82	77	78	70	83	87	83	82	84	83	86	79	82	91	84.1
	Minimum	50	48	49	52	49	50	52	63	64	64	63	67	59	50	52	58	44	52	63	61	54	47	51	55	58	52	60	51	59	58	54	55.1
Mercer[3]-2.5 NE	Maximum	78	82	83	87	85	89	94	88	90	90	92	90	77	82	85	79	79	81	76	81	71	82	86	83	80	85	82	82	77	83	88	83.5
	Minimum	52	54	58	55	51	52	58	69	65	64	66	60	54	55	54	46	45	60	60	56	52	49	54	62	58	59	62	59	56	58	58	56.9
Middletown[1]-1.5 W	Maximum	83	85	87	88	90	93	98	94	91	92	93	94	83	87	87	91	84	86	82	77	78	85	90	94	93	90	90	95	89	91	93	88.8
	Minimum	60	59	59	61	59	62	59	65	65	70	72	72	67	65	68	68	63	58	67	66	57	53	59	66	65	59	70	66	66	68	70	64.0
Midland[6]	Maximum	82	83	87	90	89	91	90	90	91	92	93	95	81	80	87	83	84	85	80	80	74	83	87	88	85	86	85	87	83	85	90	85.8
	Minimum	59	59	56	62	55	56	60	58	64	66	67	68	63	61	59	61	52	63	61	61	56	53	58	60	63	62	64	61	59	62	64	60.4
Montrose -3 E	Maximum	80	81	82	80	85	84	91	89	87	87	88	87	76	82	81	82	74	79	75	72	66	80	83	84	81	83	82	84	79	82	86	81.7
	Minimum	51	55	54	56	58	60	65	66	64	64	65	68	62	52	56	62	52	52	56	59	55	50	55	61	62	58	61	59	60	62	59	58.7
Mt. Lebanon[6]	Maximum	80	82	83	88	89	90	92	90	91	91	95	92	82	85	89	86	82	78	72	78	74	82	88	84	87	86	84	87	82	86	93	85.4
	Minimum	57	55	59	57	58	58	62	68	65	67	69	70	61	61	59	63	50	63	63	62	52	51	58	63	63	66	67	61	60	62	65	61.1
Mt. Pocono[3]-2 N	Maximum	78	79	79	77	82	84	86	88	83	84	87	85	78	80	79	84	74	76	72	71	67	77	81	82	82	83	83	87	80	82	84	80.5
	Minimum	52	52	48	56	56	57	56	60	62	62	62	66	61	54	57	60	53	50	55	56	52	48	54	57	61	52	60	55	56	56	59	56.3
New Bloomfield	Maximum	83	84	87	88	91	93	95	92	93	95	96	93	88	88	92	85	87	82	74	78	86	90	93	93	90	91	97	88	93	94	89	89.5
	Minimum	52	51	50	53	52	56	57	59	57	61	63	66	69	60	56	61	53	49	63	63	56	45	52	53	59	52	67	58	63	60	65	57.5
Newburg[1]-3.5 NW	Maximum	80	86	88	88	90	94	96	96	97	95	95	98	86	88	91	96	86	86	82	72	78	86	88	92	94	90	92	96	90	92	96	89.8
	Minimum	58	58	56	54	64	60	62	64	70	65	66	67	65	59	65	64	62	62	62	64	58	58	58	58	60	64	60	60	62	62	63	61.9
New Castle-1.5 N	Maximum	85	85	88	89	90	94	96	94	94	94	96	93	82	86	89	84	85	85	82	82	74	86	89	86	84	86	86	89	82	86	93	87.5
	Minimum	53	51	52	55	50	51	57	68	64	65	66	70	61	54	54	67	45	59	64	63	56	51	54	56	59	53	68	59	58	59	60	58.1
Palmerton[1]	Maximum	84	83	84	83	89	91	93	90	91	94	92	84	84	87	85	83	82	78	79	74	84	87	90	88	88	92	86	88	92	89	89	86.5
	Minimum	54	52	51	60	55	57	62	64	64	65	69	73	66	60	62	64	56	53	59	65	54	49	55	57	65	59	68	62	67	63	68	60.6
Park Place[3]-1 NW	Maximum	76	76	76	79	83	84	85	84	82	84	85	85	78	78	79	89	78	78	71	68	70	79	83	82	81	84	82	84	78	83	83	80.2
	Minimum	55	59	58	59	61	64	69	67	66	65	66	68	61	59	63	61	57	56	59	58	55	52	62	63	66	64	63	63	61	64	66	61.6
Philadelphia Arpt [1]	Maximum	84	85	83	86	91	94	97	93	92	93	95	84	82	86	89	87	86	82	86	89	87	86	81	87	90	92	94	93	95	95	93	89.4
	Minimum	62	61	61	64	62	66	69	68	70	70	72	76	71	69	65	70	67	63	62	67	62	56	64	68	75	69	74	70	71	69	73	67.3
Philadelphia C.O.[1]	Maximum	84	87	83	85	91	95	93	93	91	93	83	82	87	88	85	79	85	80	86	89	91	93	92	92	93	88	92	92	90	88	88	88.3
	Minimum	67	68	65	66	68	74	75	73	72	72	73	76	70	70	69	72	71	68	65	67	67	64	69	69	74	76	74	71	73	72	76	70.5
Phila. Shawmont	Maximum	86	85	84	87	91	95	97	96	92	93	92	94	93	82	89	88	88	87	82	85	80	86	91	90	93	93	92	94	93	91	93	89.8
	Minimum	60	58	58	61	59	62	65	65	67	68	70	74	72	69	65	72	65	58	60	67	64	52	62	65	70	63	75	70	70	70	71	65.4
Philipsburg[3]-7 E	Maximum	76	78	79	81	83	86	86	86	85	86	88	87	78	78	80	77	77	76	69	68	70	76	81	82	81	79	80	83	77	81	88	80.1
	Minimum	43	43	44	48	45	48	53	56	50	56	62	66	58	53	56	48	42	44	59	55	50	42	44	48	49	45	54	53	56	58	55	51.1
Phoenixville[6]-1.5 SE	Maximum	88	90	90	89	95	99	97	94	94	93	96	95	94	90	94	94	90	91	90	89	86	95	98	95	98	98	100	100	98	98	100	94.1
	Minimum	55	55	56	59	55	58	60	61	63	66	66	73	70	65	61	67	60	53	56	66	63	47	57	61	63	59	77	64	69	66	75	62.1
Pittsburgh Arpt Sta.[1]	Maximum	79	80	83	87	88	92	91	87	92	93	94	92	81	81	88	83	83	76	72	75	73	81	87	83	86	89	82	86	81	84	93	84.6
	Minimum	59	59	62	62	63	64	66	67	66	68	70	69	62	62	63	64	56	62	62	60	54	54	60	64	65	67	67	63	61	64	68	63.0
Pittsburgh City Office[1]	Maximum	83	84	85	88	90	90	93	89	92	93	94	92	84	85	89	85	84	79	74	79	75	84	89	86	87	88	85	89	82	87	96	86.5
	Minimum	62	58	62	62	64	67	72	70	73	74	70	65	67	65	66	58	64	64	64	58	58	62	69	69	67	71	66	65	67	70	65.5
Port Clinton /	Maximum	83	84	83	83	88	93	95	92	92	90	91	91	85	85	86	89	82	84	77	88	79	85	88	88	89	89	87	91	86	91	91	87.3
	Minimum	53	51	52	56	54	55	60	63	62	64	73	70	60	63	66	55	50	55	62	60	46	53	56	63	55	68	60	63	58	61	59	59.0
Putneyville-2.5 SE	Maximum	81	80	85	87	87	90	88	89	91	91	95	93	82	82	88	87	82	83	79	79	75	83	86	83	84	83	83	85	80	85	90	85.0
	Minimum	53	50	57	55	55	53	56	59	59	62	63	69	60	62	59	44	56	61	61	54	47	53	55	60	55	63	60	58	59	60	57.4
Quakertown-0.5 E	Maximum	85	84	82	82	88	91	92	92	89	90	93	92	88	84	88	87	82	83	81	84	78	84	89	91	92	92	92	93	90	92	93	87.8
	Minimum	54	52	56	57	52	72	60	76	58	65	72	78	72	62	57	64	65	48	55	60	59	43	48	52	72	78	78	66	69	79	67	62.8
Reading[1]	Maximum	86	86	86	88	91	95	95	95	93	93	94	93	86	86	89	90	86	84	81	83	79	86	90	93	92	92	91	93	90	94	93	89.5
	Minimum	61	61	60	62	61	65	68	68	70	72	74	74	71	70	68	71	66	59	66	65	61	57	64	68	72	65	75	67	68	70	73	66.8
Ridgway /	Maximum	82	82	86	87	88	91	83	90	92	87	93	88	82	83	87	83	82	80	74	80	74	83	86	82	84	83	83	86	80	84	92	84.4
	Minimum	50	47	48	47	48	49	52	53	56	57	60	61	57	53	55	56	43	44	48	60	55	42	42	48	49	50	51	56	54	55	55	51.6
Scranton[1]	Maximum	82	84	84	83	88	88	93	94	90	91	93	91	81	85	86	89	79	80	79	80	71	83	87	89	85	87	86	90	84	85	89	85.7
	Minimum	57	57	57	62	57	63	62	66	65	66	70	69	67	58	62	62	55	55	62	64	60	51	57	59	65	58	70	64	66	63	63	61.7
Selinsgrove	Maximum	83	83	85	87	89	92	92	92	89	91	93	92	89	85	85	88	82	83	79	74	75	84	88	89	89	85	85	92	89	88	93	86.8
	Minimum	53	52	55	58	55	57	59	62	61	65	65	68	68	59	63	65	56	52	63	66	59	47	53	57	61	63	65	59	64	62	67	60.0
Sharon	Maximum	82	82	86	87	87	92	94	93	94	93	96	96	75	81	86	86	81	81	81	77	73	82	87	87	82	83	83	85	78	81	90	85.2
	Minimum	53	54	54	57	52	53	58	69	67	63	68	65	58	54	55	60	47	62	53	65	57	51	54	60	59	58	67	61	57	60	59	58.4
Somerset	Maximum	79	77	81	83	84	90	87	86	86	90	90	89	79	81	85	83	80	80	74	74	70	78	81	80	83	83	81	85	84	81	91	82.4
	Minimum	47	43	48	46	46	47	54	59	52	56	57	61	64	54	58	50	46	52	59	56	53	42	45	47	60	56	65	58	56	54	54	53.1
Springs[6]-1 SW	Maximum	75	75	77	79	80	83	84	84	84	86	88	76	76	81	83	76	77	66	73	66	75	80	80	80	83	88	84	76	80	85	79.5
	Minimum	48	43	49	42	48	48	48	51	50	56	56	56	62	52	56	51	44	50	59	52	53	42	46	49	49	56	63	53	56	56	56	51.6
State College[1]	Maximum	80	83	84	86	88	92	93	92	89	92	93	91	83	86	85	83	80	83	75	72	73	82	86	85	85	82	84	88	81	86	94	85.0
	Minimum	55	54	55	61	58	59	61	65	62	69	70	70	65	62	62	62	53	54	63	59	55	53	57	59	65	58	64	62	61	63	66	60.7
Stroudsburg-2 E	Maximum	88	88	87	88	92	94	95	95	94	92	94	94	91	89	90	90	84	86	87	83	82	86	89	92	91	90	91	94	94	92	96	90.3
	Minimum	52	52	49	58	54	55	58	60	59	61	64	68	70	56	58	64	54	50	55	63	61	47	52	54	65	55	68	61	65	58	57	58.2
Tamarack /-2 S	Maximum	74	75	77	78	81	83	85	83	83	86	86	86	75	76	80	77	74	72	70	65	60	77	81	79	79	73	72	82	75	79	84	77.6
	Minimum	53	53	56	59	59	59	62	64	63	64	65	65	60	55	57	59	52	52	55	59	55	49	51	55	58	57	59	57	57	58	59	57.6
Tionesta[6]-1.5 SE	Maximum	82	84	81	87	87	90	92	88	91	91	92	88	80	83	86	84	81	81	75	81	72	83	87	81	83	86	84	81	81	82	90	84.3
	Minimum	52	51	52	54	52	56	51	67	62	61	53	65	58	55	57	57	46	50	58	59	53	45	50	65	59	52	68	56	58	58	57	55.9
Titusville-2 S	Maximum	80	82	85	85	87	89	92	90	90	90	91	90	77	82	85	84	81	81	79	79	71	81	86	84	81	82	80	83	78	80	90	83.7
	Minimum	54	48	49	51	48	50	52	67	64	61	64	68	58	51	51	56	42	49	61	58	52	48	53	58	55	49	63	58	58	56	53	55.0
Towanda-1 E	Maximum	80	81	85	86	89	87	93	92	91	92	93	91	80	84	87	86	77	82	80	73	72	85	87	86	86	86	85	91	89	86	88	85.5
	Minimum	53	53	50	55	53	58	59	61	58	61	63	72	64	55	55	64	53	49	56	62	55	45	50	53	59	51	69	55	62	59	58	57.1
Uniontown	Maximum	84	80	83	83	84	87	87	85	89	88	91	90	82	80	84	86	80	77	72	74	72	80	83	82	87	87	82	87	86	84	90	83.4
	Minimum	57	56	61	57	57	57	63	66	62	65	67	75	66	60	62	60	53	62	64	64	56	51	55	62	67	65	69	65	63	64	62	61.7
Vandergrift[1]	Maximum	83	84	86	89	90	91	93	90	94	94	96	92	84	84	90	85	84	85	72	83	78	85	89	85	88	88	86	89	83	85	94	87.0
	Minimum	59	52	55	58	49	57	59	69	62	54	68	70	63	62	63	58	48	60	64	63	56	50	54	57	64	59	68	63	61	64	64	59.5

Continued on page 56.

Daily Temperatures for July 1944—Continued from page 55.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	79	75	83	83	84	87	90	85	86	84	88	87	76	84	80	79	80	76	76	77	70	80	84	78	79	76	78	81	77	79	87	80.9
	Minimum	53	52	51	55	53	55	56	60	64	65	63	68	61	55	53	58	48	48	59	61	56	47	51	57	57	52	66	57	61	59	57	56.7
Waynesburg	Maximum	81	82	85	86	88	92	87	89	89	91	92	90	84	84	86	86	82	81	75	73	72	82	85	83	89	86	85	87	80	85	91	84.8
	Minimum	53	49	51	51	52	53	61	65	59	61	64	71	62	54	58	55	49	56	62	59	51	46	51	57	61	62	66	58	59	58	59	57.2
Wellsboro/	Maximum	79	80	83	85	86	88	91	90	89	91	92	90	79	83	86	82	77	82	74	72	70	82	85	85	83	82	81	86	80	83	87	83.3
	Minimum	49	48	48	50	49	51	53	59	58	59	61	62	62	53	53	57	47	45	46	62	50	46	47	50	50	49	52	56	58	56	56	53.0
West Chester	Maximum	82	86	86	86	89	92	94	92	90	90	92	92	87	83	88	87	85	85	82	85	79	85	89	90	92	93	93	95	89	93	91	88.5
	Minimum	61	58	59	59	60	64	65	65	66	66	67	71	71	66	62	69	64	60	58	65	58	51	61	63	66	63	73	65	67	65	70	63.8
Wilkes-Barre[3]	Maximum	82	84	86	87	91	90	95	95	91	92	94	93	83	87	88	90	79	83	82	78	73	84	88	90	89	89	86	91	85	87	91	87.2
	Minimum	52	54	56	57	54	59	62	63	62	65	65	70	61	58	60	63	52	51	60	61	50	47	53	55	58	57	64	60	63	60	60	58.5
Williamsport	Maximum	84	84	87	87	92	92	93	93	92	94	93	94	85	85	87	86	82	82	82	75	75	86	90	88	89	85	88	93	88	93	91	87.5
	Minimum	54	54	55	56	57	59	60	64	61	64	67	72	65	58	58	63	54	50	61	65	57	49	54	56	59	56	68	62	63	61	62	59.5
Williamstown	Maximum	79	83	84	86	88	91	94	93	93	91	93	93	85	85	86	88	86	84	83	74	75	84	89	88	89	88	86	90	89	88	91	87.0
	Minimum	53	50	50	53	51	54	56	63	56	61	63	69	69	55	61	62	54	47	57	63	57	44	50	54	58	51	67	56	63	57	62	57.0
Woodward[3-2 NE]	Maximum	74	75	77	76	81	84	86	87	82	84	88	85	75	77	80	81	73	74	71	66	66	78	81	77	80	78	76	82	75	81	87	78.6
	Minimum	55	58	57	63	60	64	67	68	64	68	69	67	60	59	63	60	56	54	60	56	55	51	60	65	63	60	62	60	60	60	67	61.0
York-3 SW	Maximum	85	88	88	90	93	95	97	94	93	93	95	96	88	89	90	94	89	89	86	82	79	88	90	92	92	93	92	93	94	93	94	90.8
	Minimum	59	56	55	56	56	59	60	61	63	66	67	73	71	65	65	68	63	55	65	65	60	49	57	59	67	60	68	62	67	63	66	62.1

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.29	3	29.58	26	6.3	20	sw.	28	73	55	60	74	0
Harrisburg	30.28	3	29.63	27	7.0	32	se.	19	76	42	54	35	0
Philadelphia	30.29	3	29.60	27	7.6	25	sw.	30	77	42	56	67	0
Philipsburg	30.31	3	29.69	27	8.0	27[a]	sw.	26	86	52	71	.....	49
Pittsburgh	30.25	3	29.67	27	8.3	34	sw.	28	75	46	50	65	1
Reading	30.29	3	29.62	27	8.9	40	nw.	29	71	37	40†	82	0
Scranton	30.30	3	29.61	27	5.6	43	nw.	16	85	56†	.....	72	0

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. a One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware.	1.8	2.2	1†	1.3	31	18
Easton	Delaware	0.9	1.8	1	0.4	25	22
Lehighton	Lehigh	2.8	3.3	1	2.6	31	9
Reading	Schuylkill	3.4	4.3	1	3.0	25	13
Wilkes-Barre	N. Br. Susquehanna	2.5	4.8	1	1.8	31	22
Williamsport	W. Br. Susquehanna	0.8	2.5	1	0.2	28†	20
Newport	Juniata	3.4	3.7	1	3.2	26	22
Harrisburg	Susquehanna	3.4	4.4	1	3.2	26	17
Schenley, (nr) Lock No. 5.	Allegheny	12.0	13.5	1	11.7	12	24
Sutersville	Youghiogheny	3.2	4.7	22	2.6	12	20
Charleroi (nr.), Lock No. 4	Monongahela	11.1	12.3	1	10.7	9	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
a, b, c, etc. Number of days missing, for example, b indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—9-8-44-975.)

551.65
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

OCT 9 1944

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLIX. AUGUST 1944. No. 8.

GENERAL SUMMARY.

This was the sixth driest August of record and the driest since 1930. Drought conditions continued to spread northward and intensify. Considerable areas in the south-central and southeast portions have accumulated deficiencies, during the growing season, ranging from 4.00 to 9.00 inches.

This was the warmest August in five years. The first half of the month was hot, most stations in the southeast recording temperatures of 90° and above every day from the 10th through the 17th. Eight deaths and eleven prostrations, attributed to the heat, were reported in the southeast during this period. The extreme maximum was the highest August temperature since 1933 and the highest temperature since July 28, 1941. Station maxima were generally the highest of the year. A decided reaction to cooler weather followed, culminating in lowest readings of the month about the 26th. New record minima for the month were established at Philadelphia, Quakertown, Harrisburg, and Johnstown, where the periods of record range from 51 to 73 years.

Generally, precipitation was frequent and well distributed but amounts were light. The accumulated deficiency for the year is now 2.75 inches and for the growing season, it is 2.07 inches. A tropical storm, sweeping up the coast, produced heavy precipitation in the extreme southeast about the 2d but, thereafter, that area received only light showers. Rain generally occurred in thundershowers and minor damage by wind and lightning was widespread. A severe thunderstorm struck the Lancaster area on the 7th. Roofs were blown from three houses, power lines were torn down, and a barn burned when struck by lightning. At York, wind ripped the roofs from a row of six houses on the 13th. Trees were uprooted and broken off and wires were torn down. One witness said that she saw a funnel cloud as the storm approached, but this statement has not been confirmed. On the same day, a girl near York was struck by lightning, and at Chambersburg, lightning caused four fires and considerable damage was done by the wind. Two men were stunned when lightning struck them at Newport on the 14th. Wind damage near Penn Line and in the southwestern counties was reported on the 16th and 23d, respectively.

The past summer was warm and dry. The average temperature, while slightly above normal, was 1.1° lower than the 1943 summer temperature. It was the driest summer since 1932 and the average was 1.05 inches lower than 1943's. Crop prospects were further reduced and many crops ripened prematurely. Wells and springs were going dry and fall plowing was delayed in most areas.

G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 71.5°, which is 1.2° above the 57-year normal for August. The highest monthly mean was 79.0° at Marcus Hook, and the lowest was 64.5° at Philipsburg. Extremes ranged from a maximum of 103° at Marcus Hook on the 4th and 5th, Burnt Cabins on the 11th and 12th, and Phoenixville on the 13th, to a minimum of 30° at Kane on the 27th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 202 stations, was 2.56 inches, which is 1.61 inches below the 57-year normal for August. The greatest monthly amount was 6.33 inches at Braddock, while the least was 0.81 inch at Montrose. The greatest amount recorded in any 24 consecutive hours was 3.42 inches at Lancaster on the 7th.

ERRATA

July, 1944.—Page 50, George School, highest maximum should be 96° on 28th. Page 55, Philadelphia City Office, minimum temperature on 25th should be 76°, mean minimum should be 70.6°.

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	69.8	100	33	7.05		10	13	10	8
1889	67.4	100	37	3.24		8	15	10	6
1890	68.8	98	34	5.76		12	9	14	8
1891	69.6	99	35	5.09		12	8	12	11
1892	71.4	99	42	3.77		9	14	7	10
1893	70.4	99	30	4.50		8	14	10	7
1894	69.4	98	32	1.84		6	13	12	6
1895	72.3	101	32	3.23		9	15	11	5
1896	71.2	101	35	2.22		8	14	11	6
1897	67.9	97	34	3.17		9	14	11	6
1898	72.3	99	37	6.60		12	11	11	9
1899	71.2	101	38	4.01		7	14	10	7
1900	75.0	103	38	3.33		9	14	12	5
1901	72.0	99	42	6.81		11	10	12	9
1902	67.8	100	34	2.62		8	13	13	5
1903	67.2	99	36	5.29		14	9	12	10
1904	68.0	96	34	4.36		9	15	10	6
1905	69.6	95	36	5.71		12	12	12	7
1906	73.2	96	39	5.62		12	10	12	9
1907	68.0	97	32	2.94		10	16	9	6
1908	69.4	102	30	3.22		7	15	10	6
1909	69.4	100	34	2.31		7	16	9	6
1910	69.8	98	35	2.61		6	14	10	7
1911	71.4	102	36	7.63		13	11	8	12
1912	67.1	93	36	5.02		14	9	12	10
1913	70.4	102	38	2.69		8	17	9	5
1914	71.3	100	34	3.85		11	13	11	7
1915	68.0	99	34	6.71		15	10	11	10
1916	71.9	103	32	2.57		8	17	10	4
1917	71.2	101	38	6.69		10	15	10	6
1918	73.6	108	32	4.12		11	16	10	5
1919	68.2	94	35	5.43		12	13	10	8
1920	70.2	95	37	4.66		15	9	12	10
1921	68.4	97	35	3.83		9	17	8	6
1922	69.1	100	31	3.14		10	15	9	7
1923	69.2	96	30	3.10		9	15	11	5
1924	70.1	102	31	3.78		9	16	10	5
1925	69.7	97	26	2.28		7	18	9	4
1926	71.9	103	32	5.69		15	11	8	12
1927	65.5	92	34	4.12		12	12	10	9
1928	73.4	99	35	4.60		12	13	11	7
1929	67.7	98	31	2.52		7	17	8	6
1930	70.3	108	29	1.47		7	15	10	6
1931	71.1	104	40	4.01		12	11	10	10
1932	71.6	103	34	2.82		8	19	8	4
1933	70.8	104	38	7.61		12	13	9	9
1934	68.6	98	30	4.94		11	14	8	9
1935	71.3	98	31	3.91		11	13	10	8
1936	73.2	102	37	4.96		12	13	11	7
1937	73.5	101	40	5.43		12	13	9	9
1938	73.8	100	36	2.90		8	17	10	4
1939	73.3	98	41	2.98		8	15	10	6
1940	68.8	98	30	4.57		11	11	9	11
1941	68.8	101	31	4.35		8	17	9	5
1942	69.5	96	27	4.53		11	10	11	10
1943	70.8	101	33	2.72		8	14	11	6
1944	71.5	103	30	2.56		9	13	11	7
Period	70.3	108	26	4.17		10	14	10	7

Climatological Data for August 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown	Lehigh	254	33	73.8	+1.9	97	4†	44	27	2.42	−2.11	1.54	7	0	8	19	7	5	sw.	Allent'n-Bethlehem Gas Co.
Altoona-4.5 W	Blair	1,500	58	70.7	+1.5	97	13	41	26	1.52	−1.91	0.51	28	0	9	21	8	2	e.	City of Altoona.
Bethlehem	Northampton	364	59	74.4	+1.1	99	12	46	27	1.65	−2.66	0.88	7	0	8	18	7	6	sw.	Lehigh University.
Burnt Cabins-2 NE	Fulton	990	3	72.6[c]	.....	103	11†	39	26	1.23	.....	0.44	14-15	0	7	18	8	5	s.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	76	73.0	+0.2	99	12†	41	26	2.17	−2.25	0.90	7	0	8	22	5	4	ne.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	73.3	+0.9	100	12†	43	26	2.44	−1.49	1.00	13	0	9	9	16	6	sw.	William B Spear.
Coatesville	Chester	431	56	75.8	+3.1	98	4	46	26	2.31	−2.30	1.56	2-3	0	7	15	8	8	nw	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	2	67.2	.....	90	4	45	29	4.19	.....	1.15	14	0	10	9	15	7	w	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	69.4	.....	94	13	46	20†	1.34	.....	0.48	21-22	0	10	13	14	4	ne.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	7	71.7	.....	94	11†	50	25	1.98	.....	0.74	14-15	0	9	8	11	12	w.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	58	69.4	−0.4	97	12†	37	27	2.42	−1.42	0.71	21-22	0	9	9	9	13	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	22	71.0	+1.4	99	11	39	26	1.06	−2.95	0.42	23	0	6	14	6	11	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	51	71.0	+4.3	93	13	46	25	3.27	−1.04	0.90	14-15	0	13	10	7	14	w.	Andrew B. Evansha.
George School	Bucks	184	38	75.3	+3.2	97	5†	47	25†	1.69	−3.10	1.50	2-3	0	5	21	5	5	s.	Prof. N. W. Swayne.
Gettysburg	Adams	500	71	76.2	+3.9	101	12	46	26	1.21	−2.83	0.53	22	0	7	21	5	5	s.	Dr. Henry Stewart.
Gordon	Schuylkill	900	40	70.8	+2.5	97	13	36	26	1.40	−3.16	0.62	5	0	8	16	9	6	sw	Miss Sallie M. Johnson.
Hanover	York	600	40	75.1	+1.5	100	13	49	26†	1.25	−3.15	0.52	2	0	8	19	8	4	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	75	75.3	+2.7	101	12	46	26	1.51	−2.53	0.88	7	0	6	9	12	10	w.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	34	70.4	+2.4	98	11	38	26	3.56	−0.61	2.05	17	0	10	18	10	3	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	29	77.0	+2.0	98	4	55	20†	1.71	−2.52	0.91	2-3	0	9	14	9	8	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	57	72.6	+1.9	101	13	40	26†	2.54	−1.37	1.15	6-7	0	8	15	12	4	nw.	Prof. Paul R. Yoder.
Huntingdon	Lancaster	255	57	73.4	+1.0	95	5	44	26†	5.82	+1.52	3.42	7	0	8	24	2	5	nw.	Lancaster Water Bureau.
Lancaster	Tioga	996	47	71.0	+2.7	100	13†	37	20†	1.15	−2.75	0.60	23-24	0	4	19	9	3	.....	Carlos P. Darling.
Lawrenceville	Lebanon	469	60	74.6	+2.4	99	12	45	26	3.08	−1.30	1.28	6-7	0	7	28	0	3	sw.	Lebanon Valley Gas Co.
Lebanon	Mifflin	580	6	72.8[a]	.....	100	12†	42	27	§§	.....	.....	.....	0	§§	.....	.....	.....	.....	Penna. Dept. of Highways.
Lewistown-2 SW	Clinton	557	54	73.4	+1.9	102	13	42	26†	1.08	−3.02	0.32	21-22	0	9	17	9	5	e.	William R. Kelley.
Lock Haven	Delaware	12	18	79.0	+2.7	103	4†	52	30	3.30	−2.25	2.80	2-3	0	5	24	3	4	s.	Sun Oil Co.
Marcus Hook†‡	Blair	1,493	2	70.4	.....	95	12†	44	26	1.33	.....	0.46	21-22	0	12	9	10	12	sw.	Civil Aeronautics Authority
Martinsburg	Susquehanna	1,176	39	70.0	+3.2	96	13	44	25†	0.81	−3.47	0.24	21	0	10	17	10	4	sw.	Harry S. Fancher.
Montrose-3 E	Monroe	1,914	3	67.3	.....	91	4†	39	25	3.09	.....	1.06	7	0	12	1	26	4	nw	U. S. Weather Bureau.
Mt. Pocono Arpt.-2 N	Carbon	455	26	72.4	+1.5	96	4†	40[a]	26	2.01	−2.20	0.87	5-6	0	9	15	11	5	sw.	New Jersey Zinc Co.
Palmerton	Philadelphia	10	3	75.4	+2.1	97	5	51	27	2.78	−1.84	2.61	2-3	0	5	13	9	9	sw.	U. S. Weather Bureau.
Philadelphia Airport	Centre	1,916	2	64.5	.....	91	13	31	26	2.84	.....	0.86	5-6	0	11	8	14	9	w.	U. S. Weather Bureau.
Philipsburg-7 E	Chester	100	35	75.6	+1.8	103	13	40	26	2.60	−2.52	1.78	2-3	0	6	19	8	4	sw.	Phila.-Suburban Water Co
Phoenixville-1.5 SE	Schuylkill	407	6	71.3	0.0	98	13	40	26	2.36	−2.81	1.55	5	0	8	25	5	1	.....	Earl E. Rarick.
Port Clinton†‡	Bucks	480	59	74.0	+3.7	99	6	35	27	1.09	−4.00	0.48	7	0	6	21	5	5	w.	John E. Benner.
Quakertown†‡-0.5 E	Berks	273	74	76.0	+3.1	100	13	49	26	2.53	−1.68	1.54	7	0	7	14	9	8	n.	U. S. Weather Bureau.
Reading	Lackawanna	746	50	72.8	+3.0	98	13	45	26	3.28	−0.41	1.17	7	0	9	12	15	4	n.	U. S. Weather Bureau.
Scranton	Snyder	476	54	73.2	+1.8	99	12†	40	26	1.14	−2.91	0.56	5	0	8	11	17	3	sw.	Dr. George E. Fisher.
Selinsgrove	Centre	1,217	59	71.8	+1.3	96	13	43	26	1.52	−1.99	0.34	5	0	12	14	9	8	sw.	Penna. State College.
State College	Monroe	440	25	72.9	+3.0	98	4†	39	26	2.97	−1.88	1.21	7	0	11	15	11	5	nw.	Metropolitan Edison Co.
Stroudsburg-2 E	Clinton	2,250	4	68.2	.....	95	13	44	25	1.93	.....	0.54	28-29	0	8	9	18	4	w.	James E. Swartz.
Tamarack-2 S	Bradford	754	50	71.5	+3.0	100	13	37	20	2.31	−1.12	0.41	14	0	10	13	14	4	nw.	Mrs. M. Ordelia Parks.
Towanda†‡-1 E	Tioga	1,319	74	67.6	+1.2	96	13†	33	20	1.97	−1.21	0.70	28	0	8	17	9	5	w.	M. S. Bliss.
Wellsboro†‡	Chester	440	95	74.2	+2.0	96	4†	48	25†	3.08	−1.92	2.02	2-3	0	6	16	8	7	.....	Clyde T. Saylor.
West Chester†‡	Luzerne	544	6	71.5	.....	99	13	42	20†	3.55	−0.23	1.05	7	0	8	4	22	5	sw.	Civil Aeronautics Authority
Wilkes-Barre†‡	Lycoming	550	58	73.4	+2.4	101	13	41	27	2.35	−1.38	1.04	21-22	0	9	13	16	2	w.	John D. McEwen.
Williamsport†‡	Dauphin	775	28	71.8	+1.0	97	12†	38	26†	3.53	−0.38	1.86	7	0	9	10	16	5	.....	Gordon E. Lower.
Williamstown†‡	Centre	2,191	3	69.6	.....	94	13	48	20†	1.59	.....	0.52	7	0	10	7	15	9	w.	U. S. Weather Bureau.
Woodward-2 NE	York	390	56	75.5	+2.9	99	4†	42	26	2.71	−1.35	0.96	6-7	0	11	20	6	5	sw.	York Water Co.
York-3 SW†‡																				
Division mean				72.4	.....	103	4†	31	26	2.26	.....	3.42	7	0	8	15	10	6	sw.	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	27	67.6	+0.9	93	4	31	27	2.56	−0.82	0.65	4-5	0	11	3	14	14	w.	City Water Dept.
Brookville	Jefferson	1,400	53	68.1	+2.2	94	13	38	26	3.91	+0.12	1.07	5	0	8	9	11	11	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	30	70.7	+0.6	96	4	39	26	3.72	−0.23	0.75	5	0	10	17	12	2	w.	Butler Eagle.
Clarion†‡-3 SW	Clarion	1,114	34	70.0	.....	96	4†	41	20†	2.51	−1.70	0.90	21-22	0	9	9	13	9	e.	Penna. Electric Co.
Claysville	Washington	1,410	29	.....	.....	96	12	41	25†	3.41	−0.42	0.98	23	0	10	18	7	6	s.	Walter B. Paget.
Corry	Erie	1,653	17	67.0	+0.9	95	4[c]	32	27	2.19§	−1.40	0.74	4-5	0	10	.....	.....	.....	.....	J. Fred Kinley.
Coudersport†‡	Potter	1,150	47	71.3	+2.0	95	13	31	27	1.92	−1.34	0.55	23-24	0	8	3	19	9	sw.	Potter Enterprise.
Derry	Westmoreland	1,746	1	68.4	.....	95	12	40	26	3.62	−0.64	1.65	5-6	0	7	.....	.....	.....	.....	Miss N. Dixie Wineman.
Donegal	Westmoreland	761	18	74.6	+0.6	94	12	37	25	2.84	.....	0.72	22	0	12	11	18	2	w.	Penna. Turnpike Comm.
Donora†‡	Washington	2,170	27	67.8	+1.1	98	12†	46	26	3.62	+0.20	0.83	21-22	0	10	1	9	21	sw.	Donora Zinc Works.
Ebensburg	Cambria	950	1	71.0	.....	92	12†	38	25†	2.93	+1.10	1.27	14	0	5	17	6	8	nw	Miss. Emma H. Eastman.
Ford City-4 S	Armstrong	987	70	69.6	+1.1	96	13†	41	26	4.32	.....	1.28	21-22	0	9	15	4	12	sw.	U.S. Engineers.
Franklin	Venango	1,160	35	68.8	−2.1	94	13	44	20†	1.98	−1.64	0.47	28	0	7	17	8	6	w.	William K. Fuller.
Greensburg-2 S	Westmoreland	1,300	43	71.6	+1.7	93	12†	37	26	2.38	−1.71	0.54	21-22	0	13	16	7	8	sw.	Westmoreland Water Co.
Indiana	Indiana	1,050	3	70.3	.....	94	14	43	25	3.92	+0.45	0.85	21-22	0	9	15	14	2	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,650	62	69.9	−1.5	99	4	38	26	3.07	.....	0.98	17	0	11	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown-0.5 W	Cambria	1,750	29	64.8	.....	95	14	40	25†	2.56	−1.91	0.58	28	0	10	13	12	6	sw.	Robert Tross.
Kane-1 N	McKean	1,065	50	69.4	+1.7	93	4†	30	27	2.25	−1.48	0.62	4	0	11	7	12	12	w	Spring Water Co.
Meadville-1 S	Crawford	780	8	72.8	.....	96	4	39	26	3.62	−0.11	1.69	4-5	0	8	11	13	7	sw	City of Meadville.
Midland	Beaver	900	64	72.6	+2.1	94	4†	46	25	3.34	.....	1.08	5	0	9	10	10	11	se.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	1,286	11	72.2	+0.9	97	13	40	26	2.72	−0.65	0.80	4-5	0	12	16	11	4	s.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,270	1	70.2	.....	95	13	49	25	4.32	+1.09	1.62	13	0	12	12	10	9	s.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,385	37	67.2	+0.1	94	12†	38	26	3.21	.....	1.39	5	0	10	10	11	10	sw.	U. S. Engineers.
Ridgway	Elk	940	31	71.0	−0.3	96	13	37	20†	1.91	−1.35	0.60	31-1	0	7	12	14	5	s.	West Penn Power Co.
Sharon	Mercer	1,100	73	67.4	+0.4	96	4†	41	26	3.65	+0.08	1.50	5-6	0	8	19	7	5	sw.	Carnegie-Illinois Steel Corp.
Somerset	Somerset	2,100	25	65.6	−0.5	94	13	34	26	2.16	−2.38	0.59	14	0	10	8	10	13	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	7	70.4	.....	90	13	37	25†	2.26	−2.43	0.48	17-18	0	13	8	12	11	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	69.3	.....	96	4	41	26	2.03	.....	0.44	28	0	7	18	7	6	w.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	56	72.5	+0.6	93	3†	36	26	2.71	.....	0.91	4	0	10	4	19	8	sw.	Arthur M. Stokes.
Uniontown†‡	Fayette	1,040	56	72.5	+1.1	93	12	45	25	2.48	2.23	0.75	14	0	10	14	13	4	sw.	William W. Marsteller.
Vandergrift†‡	Westmoreland	825	30	72.5	+1.9	97	12	43	26	3.08	−0.82	0.65	5	0	12	8	21	2	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	56	69.6	+1.9	95	15	40	27	2.84	−0.94	0.77	4	0	7	9	18	4	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	70.2	−1.9	94	11	39	26	3.15	−1.05	0.86	16	0	11	4	25	2	sw.	Thomas S Knox.
Division mean				69.8	.....	99	4	30	27	2.95	.....	2.88	17	0	10	11	12	8	sw.	
Lake Drainage																				
Albion	Erie	900	....	74.7[a]	.....	97	4†	50	25†	2.12	.....	0.66	23	0	6	15	11	5	nw.	Samuel D. Lewis.
Erie	Erie	705	71	73.2	+3.6	93	3	53	26	3.35	+0.08	0.97	4-5	0	7	8	17	6	sw.	U. S. Weather Bureau.
State mean				71.5	+1.2	103	4†	30	27	2.56	−1.61	3.42	7	0	9	13	11	7	sw.	

[See page 64 for explanation of reference marks.]

Daily Precipitation for August 1944

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike																																
Hawley[2], 0.5 E	Wayne			.04			.16		.31							.21		.04	2.05			.61	T.	.03	T	T	.01		.07	T.		3.56
Hollisterville[2]	Wayne			.02			.12	.02	.49							.22		.29	.18			.78	.03		.01				.01	T	T.	2.17
Lakeville[2], 1 N	Wayne			.02			.07		.33							.23		.15	.26			.72		.02	.02		.02		.07	.02		1.93
Matamoras[2]	Pike																																
Mount Pocono[3], 2 N	Monroe		.10	.05	.07	1.02	.47	1.06						.02	T.			T.	.02			.07	.08	T.			.03		T.	.10		3.09
Pleasant Mount[1, 5], 1 W	Wayne					.33	.37	.39							.82	.02						.33	.59	.18	.03					.05		3.11
Stroudsburg, 2 E	Monroe		.02	.10			.09	.20	1.21							.35	T.	.65	.29				.03		.01					.02		2.97
Tanners Falls[1, 5], 1 SE	Wayne					.20	.11	.07							1.26	.20	.05	.17				.55	.20		.05							2.86
Wallenpaupack[2]	Pike			.03			.10		.30							.33		.37	1.98				.63	T	.02			.01		.05		3.82
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh		.26			.07	.06	.86										.21	.05			.05	.01		T			T	T.		T.	1.57
Allentown[2]	Lehigh			.28			.33	.01	1.54										.18			.06	.01	.01					T.			2.42
Bethlehem[1]	N'rthampton		.28			.27	.05	.88										.04	.05			.06	.02					T.				1.65
Blakeslee Corners[1, 5]	Monroe		.11	.05		.02	.26	.68						1.00	.68			.10			.02	.12	.04						.20			3.28
Gouldsboro[2]	Wayne			.14		.51	.19	.21	1.53									.06	.26			.20			.02		.05		.09			3.44
Lansford[2]	Carbon			.31			*	.25	.52							.18						.18							.06			1.32
Mauch Chunk, 1 SW	Carbon		.18	.05			T.	1.00	.11									T.				.10		.04					.06			1.69
New Tripoli	Lehigh		.11	.07			.89	.46	.07							.03			.12			.13		T		T.		T.	.04			1.79
Palmerton[1, 5]	Carbon		.10	T.		.20	.67	.32	T.										.02			.03				T.			.04			2.01
Zionsville, 1 SW	Lehigh		.26	.11			.08		.86								.39	.23	.03			.04		.03								1.40
SCHUYLKILL																			.02														
Conshohocken	Montgomery		1.02	.79			.75											T.	T.														
Fredericksville[2], 1 S	Berks			.46			.17	.08	.76									T.	.02			.06	T.	T.					T.	T.		2.56
Gratersford[2]	Montgomery																												T.			1.55
Phoenixville[2], 1.5 SE	Chester		T.	1.78			.27	.01	.27										.10			*	.17	T.						T.		2.60
Port Clinton[2]	Schuylkill			.10			1.55	.04	.40										.05			.13		.05					.04			2.36
Pottstown[2], 0.5 S	Montgomery			.95			.19	1.54	.42										.05			.12	T.						T.			3.27
Pottsville[2]	Schuylkill			.09			1.40		.06										.04			.36		.03					.14			2.12
Reading[1, 5]	Berks		.36	.01		.51		1.54									T.	.04	.02			.06	T.			T.		.01			T.	2.53
Wernersville	Berks		.35	.10			.47	.44	.03													.06										1.48
LOWER DELAWARE																																	
Coatesville[6]	Chester		1.37	.19			.30	.18	.13													.10										2.31
Doylestown	Bucks		.51	.44			.07	T.	.07										T.			.07				.05		.04				1.21
George School[6]	Bucks		1.38	.12			.05												.03			.11										1.69
Marcus Hook[2]	Delaware		T.	2.80	T.		.01	T.	.39											T.		.05	.05						T.			3.30
Philadelphia Airport Station[1, 5]	Philadelphia	T	2.39	.22		T.	.02	.07									T	T.				.08	T					T.				2.78
City Office[1, 5]	Philadelphia	T	2.00	.21		.03	.02	T.									T.	T.				.18				T.		T.	T.			2.44
Shawmont	Philadelphia		.95	.60			.02		.12									T.				.13		T					T.			1.82
Quakertown, 0.5 E	Bucks		.26	.20			.10	.02	.48													.03		T								1.09
West Chester	Chester		1.69	.33			.02	T.		.88								T.				.14	T.									3.08
West Grove[2], 1.5 SE	Chester		.10	2.47			.06	.03	.30									T.		T		.06	T.	.02			.09		.04			3.17
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5, 2 W	Tioga						.06							.04							.10		.40					.36			.06	1.02
Centerville[2]	Bradford																																§§
Covington[2]	Tioga							.65														.20		.60	.05				.10			1.61
Lawrenceville	Tioga						.15							T.								.07		.65					.24			1.15
NORTH BRANCH																					10			.60				.30				
Canton[2], 1 NW	Bradford						.07	1.24	.02							.10		.20				.80		1.30					.22			3.95
Danville[2]	Montour			.03			.15	1.16	.21							.13		.06	.02			.51		.05					.31			2.63
Freeland[2]	Luzerne			.15			.04	.29	.75							.90		.03	.75			.13	.02	.02	.03				.14	.02		3.27
Millville[1, 5]	Columbia		.05		.11			.42						.30		.02					1.00	.10										2.26
Monroeton[2], 2 S	Bradford						.03		.73					.03	.10							.55		.31	.08		T		.15			1.98
Montrose[2], 3 E	Susquehanna						.05	.01	.22						.45		.33	1.16				.18	.01	.46	.17				.08	T.		0.81
Orwell[2], 3 N	Bradford						.23	.03	.08						.08	.02						.24	.01	.16	.01				T.	.01		3.18
Park Place[3], 1 NW	Schuylkill		.14	.01		.24		.13					T.	T.		.08						.18	.01									0.89
Pikes Creek[1, 5]	Luzerne				.05	.08	.07	1.11						.96							.09	.08	.01				.06	.05		T.		2.96
Rush[2], 6 S	Susquehanna						.16	.12	.31						1.25		.05				.58	.07					.04					2.27
Scranton[1, 5]	Lackawanna		T.			.40	T.	1.17						.13		.70	T.	.04			.57	.26		.10	T.				.02			3.28
Susquehanna[2]	Susquehanna						1.19		.20						.08		.35	.18				.23	.01	.03	T.	T.		T.	T.		T.		2.53
Towanda, 1 E	Bradford					.26	.10	.23														.18	.01	.18	.12		.01		.03			2.31
Tunkhannock[1, 5]	Wyoming					.43	.03	.25						.41		.37					.39	.03	T.	.37	T.	T.		.10	.05		T.		2.29
Wilkes-Barre[3]	Luzerne				.50	.82	T.	1.05						.79		.34					.34		.09	.02								3.55
WEST BRANCH														.46		T.	T.	.06			.60	.05	T.			T.		T.	.01		T.	
Ansonia[2], 2 W	Tioga						.13	.75							T.			.05				.16		.65					.32	T.		2.06
Bald Eagle[1, 5]	Blair					.42	.80							.64	.01						.30	.18	.05					.54	.02		.04	3.00
Carrolltown[2]	Cambria		T.	.04			.65	T.							1.06							1.19		.17					.65	.02		3.78
Carter Camp[1, 5]	Potter					.30	.20										.09				.68		.32				.40	.03		.08	2.10
Cedar Run[2]	Lycoming						.39								.03			.08				.38	.02	.27		.05			.36			1.53
Clearfield[2]	Clearfield						.28							.06	.33			.23				.63	.03	.19					.55			2.30
Curwensville[3] 6 NW	Clearfield					.41		T.					02	1.13		T.	.85	T.			.34	.17	.20		T.			.76	.02		.29	4.19
Driftwood[1, 5]	Cameron					.98								.15	.01		.64				.12	.37	.23					.36			.11	2.97
Dushore[1, 5]	Sullivan				.01	.49	.02							.02	.04	.72		.06			.40	.02	.16	.14		.03	.08	.04				2.23
Eagles Mere[2]	Sullivan	T.					.07		.05						.16		.02	.09				.45	.03	.18	T.				.24	.05		1.34
Emporium[2], 1 E	Cameron				T.	.04	.37								T.			.51				.71	.03	.22	T.	.02			.50	.02		2.42
English Center[1, 5]	Lycoming						.40						.15			.10	.06				.28	.10	.26				.32	.04				1.71
Galeton	Potter						.14	.73						.20					.05		.19		.22	.30			.25	.06	T.	.01	2.15
Karthaus[2]	Clearfield		.03				.55	.26						.10	.56				.10			.71	.02	.20					.62	.02		3.17
Lock Haven[2]	Clinton					.20	.17	.01	.10					.05	.06							.30	.02	.09					.28			1.08
Medix Run[1, 5]	Elk					.20	.16							.01		.16	1.77				.21	.24	.17				.45	.02		.28	3.67
Philipsburg[3], 7 E	Centre	.02	T.			.81	.57	T.						.27	.01		.02				.27	.26	.11				.42	T.		.08	2.84
Renovo[2]	Clinton						.25	.24							.38		.07	.25				.39	.16	.17					.26			2.17
State College[1, 5]	Centre	.01	T.			.34	.20	T.					.08	.25	.04		T				.20	.10	.08				.22	.03		.02	1.52
Tamarack[2], 2 S	Clinton						.33		T.						.04			.16				.36	.14	.35	T.	T.			.54	.01		1.93
Wellsboro[2]	Tioga					.03	.19	.69										.01				.06		.70					.28	.01		1.97

Continued on page 60.

Daily Precipitation for August 1944—Continued from page 59

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport[2]	Lycoming	.01					.02		.53						.01			T.	.27				.94	.10	.12				.35			2.35
Williamsport[2], 4 SE	Lycoming						.08		1.16									.12	.25				.26	.05	.16	T.			.41			2.49
JUNIATA																																	
Altoona, 4.5 W	Blair		.05				.23								.92	.07	.02	.03					.36	.01	.10				.51	.11	.08	1.52
Breezewood[1], 0.5 E	Bedford		.27													1.17			.04				.83	.50	.32					.18	.08	2.85
Buffalo Mills[2]	Bedford		.14												.42	.02	.14												.23			1.93
Burnt Cabins[1], 2 NE	Fulton		.13		T.										.11	.74		T.	.01				.19	.10								1.23
East Waterford[2], 3 E	Juniata		T.	.40			.01		.05						T	.16		.04					.27	T.	.09				.30	T.		1.98
Everett[2], 0.5 SW	Bedford		T.	.67				T.								.35			.01				.08	T.	.42				.29			1.06
Huntingdon[2]	Huntingdon		T.	.05			.02	1.15								.03							.50	T.	.09				37	T.		2.54
Lewistown[2], 2 SW	Mifflin						.04		T.							.33		.38					.33	T.	.06				.29			§§
Mapleton Depot[2]	Huntingdon			.01			.04	.02															.32	.02	.10				.33			1.55
Martinsburg[3]	Blair	.01	.07			.08	.05	T.							.26		.01					.22	.24	.16				.21	.01	.01	1.33
McConnellstown[2] 4NW	Huntingdon			.03			.06	.16	.01							.34							.37	.03	.10				37	T.		1.47
Neffs Mills[1, 5], 3.5 NE	Huntingdon					.34	.11								.33	.02						.25	.09	.04				.09	.21			1.48
New Bloomfield	Perry		.13	.02				.34						.02		1.59									.35				20	.01		2.66
Newport[2]	Perry			10			T.	.12	2.75						T.	1.45		T.					.47	T.	.04					.24	T.	5.17
Saxton[2], 1 W	Bedford			.31			.07	.04								.09							.22		.18					.26		1.17
Shade Gap[1, 5], 0.5 SW	Huntingdon	.02	.36																				.10	.09					.18			§§
Shaver Creek[2]	Huntingdon						.31	.11								.34			T.				.35		.06					.34		1.51
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams			.23		T.		.43	.07						.14	.02	T.			T.			.37	.06	T.					.10	T.	1.26
Bloserville, 1.5 N	Cumberland		.05	.30			T.	.25								.01							.20		.03				.15	T.	T.	1.14
Carlisle[6]	Cumberland		.29			.09		.90						.61		.01							.10	T.	.01				.16		T.	2.17
Columbia[6]	Lancaster		.88	.02		.90	.32	1.11											.03				.50		T.				.13			3.89
Dauphin[2], 3 N	Dauphin			.19			.03	.32	.72						.03	T.							.32	T.	.02					.25	T.	1.88
Ephrata	Lancaster																								T.				.05	T.		T.	§§
Glen Rock[1, 5]	York		1.00	.09				.06															.60						.15		.25	2.15
Gordon	Schuylkill			.08			.62	.11										.02	T.				.24		T.		.02		.19	.12		1.40
Grantville[6], 4 NW	Dauphin		.13				.05	1.98								.15		T.	.04				.18						.15			2.77
Hanover[2]	York		.03	.52				.11	T.						T.	.04							.34	.01	.02					.18		1.25
Harrisburg Apt[1, 5], 3.5 S	Dauphin		.24	T.		.11	T.	.88									T.		T.		T.		.11	.02				.15	T.		T.	1.51
Holtwood[2]	Lancaster		.03	.88			T.	T.	.54					.05						.01	T.		.10	.02	.03					.05		1.71
Huntsdale[2]	Cumberland			.38				1.17	.05									.14					.31	T.	.08					.14	.02	2.29
Kirkwood[1, 5], 1 SW	Lancaster		1.85			.02		.80															.05						.07			2.79
Lancaster	Lancaster		.93	.21			.90	2.93	.49											.04			.31						02	.03			5.82
Lebanon[2]	Lebanon			.36			T.	.83	.45							1.18							.12		T.					.10	T.	3.08
Middletown[1], 1.5 W	Dauphin	T.	.27	T.		.15	.08	1.73							T.				T.		T.		.11	T.					.09	T.		T.	2.43
Millersburg[1, 5], 2 E	Dauphin		.02			.10		.30										.06				.25	.06	.06					.14				0.99
Milroy[2], 5 N	Mifflin							.14							T.	.70			T.				.51	.02	.05					.32	.02		1.76
Newburg[1], 3.5 NW	Cumberland		.57			T.		T.							.15		.05						.04	.09					.29	.06			1.25
New Park	York		1.06	.48			.03	.10	.30								.28		.05				.26		.05	.25	.05		.13				3.04
Pine Grove[2], 1.5 NE	Schuylkill			.05			.10	.15	.11						T.			T.	.10				.22		.02					.21			0.96
Ringtown[2], 1.5 SW	Schuylkill			.07			.35		.16									.27					.17		.01					.19			1.22
Selinsgrove	Snyder		T.			*	.56	.18								.08	.04		T.				.02						.21	.05			1.14
Shamokin[2]	N'umberland							1.85	.91							.13		T.	.04				.32		.02					.37			3.64
Shippensburg	Cumberland		.50	T.		.11	T.	.08						T.	.20	T.							.55						.20	.02	T.	1.66
Sunbury[2]	N'umberland	T.		T.			.59	.03	.99								.14		.34	.02			.43	T.	.04					.25	.02		2.85
Williamstown[2]	Dauphin			.13			.10	1.33	.53					.14	T.	T.			.53				.44		.09					.24			3.53
Woodward[3], 2 NE	Centre		T.			.42		.52						.03	.02	T.		T.			.10		.10	.04	T.				.33	.02		.01	1.59
York, 3 SW	York		.51	.32			.02	.73	.23					.22					.14	.02			.35						.11	.06			2.71
York Haven[2]	York			.42			.78	.39	1.72														.25							.15			3.71
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin			.16				.31							1.00	.03		.17					.08	.46	.10					.13			2.44
Gettysburg	Adams		.24		T.		T.	.20						.12					.02				.53						.06	.04			1.21
Hewitt[6], 2 SW	Bedford	.03	.08				.20									.05							.10	.36					.14	.04		.10	§1.10
Hyndman[2]	Bedford		.38	T.			T.	.25							.24	.45			.28				.08		.09								1.88
McConnellsburg[2]	Fulton			.41				T.								.86		.42	T.				.22	.31	.14					.11	T.		2.56
Mercersburg[2]	Franklin																													.20			
South Mt. San't'm[2]	Franklin			.52				1.70											.01				.30	.24	.09					.09			2.95
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny							.96								.26		.15	.52				.68	T.	.24				.07	.29			3.17
Allens Mills[1, 5]	Jefferson						.43		.38								.21	.81				1.22	.34	.17					.85		.42	4.83
Blairsville[2], 6 NE	Indiana		T.	.01				.61	.52	T.					T.				.03				.51		.23	.02			.14	.51	.03		2.61
Boswell[2], 6 NW	Somerset							.47									53		.17				1.13	.04	.22				.10	.40	.03		3.09
Bradford, 4 W	McKean						.65	.45							T.			.03	.28			.07		.13	.29	.15			.29	.16		.06	2.56
Brookville[3]	Jefferson						1.07												.37			.38	.47	.15					.70	.01		.76	3.91
Buckstown[1, 5]	Somerset	.20					.23								1.23				.02			.11	.50	.31					.21	.05	.03	.07	2.96
Clarion[2], 3 SW	Clarion							.16							.14				.24				.85	.05	.20				.06	.80	.04		2.54
Corry	Erie					.60	.14		.07				T.		*				.39					.04	.10		T.		.48	.17		.04	§2.19
Coudersport	Potter							.23								.49			.01			.28	.04	*	.55				.32				§1.92
Derry	W'moreland						T.	1.65		.05									T.				.82	.21					.47	.23		.19	3.62
Donegal[1]	W'moreland	.03	.02				.23	.25							.20		.05		.02				.72	.32					.43	.13		.44	2.84
Dunlo[1, 5], 0.5 SW	Cambria		.08				.14	.08							.13							.33	.22	.11				.27	.05		.21	1.62
Ebensburg[2]	Cambria							.66	T.							1.27	T.						.42		.10					.48			2.93
Ford City[2], 4 S	Armstrong							.62		1.07					.29				.07				1.28		.28	.02			.16	.53			4.32
Franklin[2]	Venango						T.	.41							T.	.05			.32				.31		.42				.15	.32			1.98
Glen Hazel[2], 1 NE	Elk						.07	.54						T.		.84		.02	.10				.46	T.	.21	T.			T.	.62	T.		2.86
Home[1, 5]	Indiana						.58		.20						.39	.01		.67				1.44	.28	.13					.75			.78	§5.23
Indiana	Indiana			.10				.67								.64			.30				.85	.20					.70	.10		.36	3.92
Johnstown[6], 0.5 W	Cambria			.05				.15									.45		.02				.53	.18	.02				.58	.34		.24	2.56
Kane[1], 1 N	McKean	T.				.62	.12	.04								.02	T.	.25	.09	T.		.10		.27					.52	.03		.19	2.25
Kregar[1], 4.5 SE	W'moreland		T.				.40	T.	T.							.43			T.	.10		.53	.27	.21					.65	.20		.14	2.93
Lycippus, 1.5 E	W'moreland	T.	T.				T.	.87									.48	T.	T.	.06			.62	.21					.38	.36		.31	3.29
Marienville[1, 5]	Forest					.91	.13	.07											.66				.43	.07	.16		.12		.61	.03		.40	3.59
Meadville[2], 1 S	Crawford						1.69	.28											.07	.56				.08		.44			.32	.18	T.		3.62
Mosgrove[2]	Armstrong				T.			.73		.19					.15	.04			T.	.12				.62	.02	.14			T.	.95			2.96
Parkers Landing[2]	Armstrong						.02	.19							.09				.34	.54				.79	.36	.30			.11	.40			2.78
Pittsburgh Cty Of[1, 5]	Allegheny						.94		.07						1.41			.19	.31				1.27	.03	T.				.39	T.		.22	5.19
Port Allegany[2]	McKean						.02	.33	T.							T.			.09	.27				.11		.56	.01	.01			.46	.02		1.88
Punxsutawney[2]	Jefferson							1.44		.23										.16				.67	T.	.15					.60			3.25

Continued on page 61.

Daily Precipitation for August 1944—Continued from Page 60

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[3], 2.5 SE	Armstrong						1.39								.04	.03			.21				.53	.01	.19				.15	.61	.02		3.21
Ridgway[2]	Elk					T.	.07								T.	.40		.08	.27				.37		.26					.51			1.91
Saltsburg[2]	Indiana		T	T.			.69		T.						.39			T.	.01				.75	T.	.29	T.			11	.50	.09		2.83
Seward[2]	Indiana						.45		.11							.13							.38	.03	.21					.67	.02		2.00
Sheffield[1, 5, 6 W]	Warren				.17	.08	.15												.06				.10		.51				.57	.05	.06		1.75
Smethport[1, 5, 1 SW]	McKean				.03	.22											.03	.19					.15	.03	.48				.39	.06	.09		1.67
Strongstown[1, 5]	Indiana					.35		.08							.98								1.30	.14	.16				.70	.11	.19		4.01
Tionesta[2], 1.5 SE	Forest					.17	.41												.38				.37		.26				.12	.32			2.03
Titusville, 2 S	Crawford					.91	.24	.11							.03		T.	.32				.18		.25	.10				.53	T.	.04		2.71
Union City[1, 5]	Erie				.15	.18	.02								.19		.21	.50						.46					.51		.22		2.44
Vandergrift[1]	W'moreland	.14				.65		.30							.04		.01	.23				.45	.17	.27					.50	.02	.30		3.08
Warren[2]	Warren					.77	.14												.18				.50		.54					.51	.20		2.84
Youngsville[1, 5]	Warren				.64	.22	.05											.34				.03		.39				.62	.04	.12		2.45
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset			T.			.07	.23	.14							.79		.04	.07				.04	.01	.26				.01	.34	.01		2.01
Connellsville[2]	Fayette		.05			.04	.27	.14	.04							.36			.11				.40		.34				.06	.58			2.69
Donora[1]	Washington					.47	.08								.68			.14	.14				.78	.05	.23				.50	T.		.55	3.62
Greensboro[2]	Greene		.92				.05	.07								T.	1.12		.36	T.			.16	.03	.22				.01	.21			3.15
Greensburg, 2 S	W'moreland	.26	.05				.45									.02		.04	.01	.05			.54	.14	.03				.46	.06		.27	2.38
Irwin	W'moreland	T.					.64		.04			T.				.05		.54	.06	.12			.53	*	.32				.59	.20		.41	3.50
Meyersdale[2]	Somerset			.08			.01	.01								.68			.27				.03		.16					.27	.01		1.47
Murrysville[1, 5]	W'moreland					.70		.05							.04			.08	.08			.45	.03	.40				.50			.17	2.50
Newell[7]	Fayette					.02	.35	.18	.01	.01	T.					.33			.06				.11	.06	.42				.26	.06			1.87
Pittsburgh Arpt[1, 5]	Allegheny				T.	.64	.08	.05						1.62	T.		.20	.06				.58	.04	.45				.42	.02		.16	4.32
Rices Landing[2]	Greene		.63			.19	.13	1.05							1.05			.61	.05				.06	.02	.25				.01	.10			4.15
Somerset	Somerset		.05				.17	T.								.59	T.		.05				.32	.09	.27				.20	.14		.28	2.16
Springs[6], 1 SW	Somerset		.02				.06								.04	.03	.02	.35	.32	.16			.16	.32					.29	.15		.34	2.26
Uniontown	Fayette		T.			.20	.05									.75	.20		.05				.21	.21					.27	.10		.44	2.48
Waynesburg	Greene	.64	.21			.06	.22								.10		.86	.06	.11					.34					.15	.09		.31	3.15
BEAVER																																	
Beaver Falls[2]	Beaver		.01				1.34	T.								T.		.96	.21				.57	T.	.17				.08	.25			3.59
Butler	Butler						.75								.66			.07	.35				.48		.15	.04			.54	.38		.30	3.72
Greenville	Mercer					1.46	.47								.33		.41	.29	.65			.15		.45	.02			.44	T.		.39	5.06
Jamestown[2], 2 NW	Mercer					.10	.24	.04								.35		.07	.98				.22		.42	.03			.30	.32	T.		3.67
Mercer Arpt.[3], 2.5 NE	Mercer				.30	.64	.02								T.		T.	.23				.20	.02	.64	.01			.35	T.		.38	2.79
New Castle, 1.5 N	Lawrence					.80	T.									.16		.08	.27			.10	.15	.41	.07		.03	.29	.18		.18	2.72
Pennline, [2], 1 S	Crawford					.18	.13	.07						T.		.20		.30	2.88				T.		.40	.06			.17	.33			4.72
Sharon[2]	Mercer					T.	1.50	.06								.13			.55				.19		.78				.19	.25			3.65
OHIO																																	
Claysville[2]	Washington					.30	.08		.27						.02	.14		.38	.09				.83		.98				T.	.32			3.11
Coraopolis[2], 1 E	Allegheny						1.00								.01			2.30	.08				.75		.19				.15	.36			4.84
Midland[2]	Beaver		.07				1.08								.03			.36	.10				.47		.70				.06	.47			3.34
Mt. Lebanon[6]	Allegheny					1.62	T.	.10						T.		.59	.16					.42	.14	.55				.33		.34		4.25
Washington[1, 5]	Washington					.08	.16							.13	.82		.07	.90				.53	.06	.66				.45		.27		4.13
LAKE DRAINAGE																																	
Albion[2]	Erie					.05	.37												.60						.66				*	.44			2.12
Erie[1, 5]	Erie				.93	.14	T.											T.	.43			T.		.80				.45	.40		.20	3.35
Raymond[1, 5]	Potter					.65	.07												.08			.26	.07	.55	.06			.31			.19	2.24

[See page 64 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
amestown[2]..2 NW	Evaporation	.226	.262	.138	.164	.268	.084	.114	.218	.206	.222	.246	.224	.206	.242	.204	.192	.182	.118	.258	.192	.174	.034	.186	.070	.130	.170	.192	.202	.026	.188	.128	5.466
	Wind movement	33	38	24	17	32	19	16	50	35	20	28	34	29	23	11	21	32	31	40	31	22	12	17	29	22	13	47	56	27	33	22	864
haver Creek[2]	Evaporation	.214	.134	.218	.182	.318	.254	.158	.118	.248	.228	.258	.186	.278	.202	.166	.174	.234	.198	.320	.242	.224	.120	.138	.060	.246	.188	.202	.212	.016	.040	.152	5.896
	Wind movement	1	3	27	8	5	9	6	25	5	1	4	2	12	7	8	0	7	19	53	11	7	6	6	19	17	22	6	9	3	7	7	322
Vallenpaupack[2]	Evaporation	.174	.137	.119	.213	.224	.216	.198	.017	.213	.215	.230	.285	.305	.278	.203	.185	.266	‖	.157	.303	.229	.220	.260	.073	.172	.136	.138	.157	.209	.018	.122	7.576
	Wind movement	62	38	40	29	63	66	21	23	32	40	43	82	111	88	79	26	45	44	117	63	110	123	71	106	39	41	32	26	92	88	58	1898

‖ 1.904 inches. *Italics* mean minus quantity. [See page 64 for explanation of other references.]

Daily Temperatures for August 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	95	94	94	97	86	83	....	85	91	95	97	91	91	94	95	96	80	76	73	85	79	84	81	71	73	76	80	75	73	83	72	84.8[a]
	Minimum	62	72	65	69	70	69	....	66	65	71	74	78	77	75	72	75	65	62	51	51	60	68	58	55	50	50	58	61	65	59	66	64.6[a]
Allentown Arpt.[3-4] NE..	Maximum	88	77	88	98	88	75	84	88	95	95	98	98	95	95	94	95	95	84	79	84	90	83	88	76	75	79	83	76	76	88	89	87.1
	Minimum	66	68	69	66	71	68	62	59	55	62	63	69	72	72	69	70	70	58	53	46	56	67	59	58	46	45	43	48	58	54	59	60.7
Allentown /.	Maximum	88	77	88	97	97	87	76	83	85	93	94	97	97	95	94	95	94	84	77	82	90	83	87	75	76	80	80	72	77	86	88	86.3
	Minimum	66	70	68	66	70	71	69	61	55	59	66	69	72	74	70	71	72	71	51	46	52	64	59	59	48	45	44	47	52	53	58	61.2
Altoona-4.5 SW	Maximum	83	82	92	95	91	86	83	82	85	91	93	95	97	89	92	93	85	83	76	84	90	83	78	72	73	74	73	72	72	82	79	84.0
	Minimum	61	66	64	69	68	64	64	61	54	57	62	68	64	65	64	68	66	61	46	42	55	53	53	51	43	41	42	52	55	51	50	57.4
Arendtsville[6]	Maximum	90	79	95	99	97	91	79	83	87	93	100	99	101	97	97	96	95	86	81	86	93	80	88	78	75	79	81	67	74	87	87	87.7
	Minimum	66	67	68	65	70	70	67	60	55	56	60	66	67	68	67	67	68	69	56	47	55	67	60	57	48	47	48	50	56	50	53	60.3
Bethlehem[1]	Maximum	89	77	86	97	97	87	74	83	86	93	94	99	97	95	95	96	93	82	76	82	89	82	88	72	73	77	76	76	73	86	87	85.7
	Minimum	70	69	68	68	70	68	63	58	58	65	71	72	75	75	72	74	74	62	57	49	60	67	63	56	52	49	46	50	59	58	62	63.2
Bradford-4 W	Maximum	88	87	91	93	91	81	75	84	87	90	90	90	88	91	89	90	90	77	72	82	80	82	80	66	66	74	76	75	67	77	78	82.2
	Minimum	52	62	55	57	59	61	59	50	49	50	52	59	69	64	66	66	62	62	54	41	47	55	44	44	39	33	31	55	55	42	47	52.9
Brookville[3]	Maximum	87	86	92	93	91	86	80	82	87	89	90	91	94	91	92	92	80	76	74	84	84	80	74	68	71	75	75	62	70	81	79	82.5
	Minimum	61	63	57	63	63	64	60	55	53	52	54	61	62	67	64	65	64	51	44	40	49	52	46	44	41	38	39	56	45	43	49	53.7
Burnt Cabins[1-2] NE....	Maximum	92	78	93	99	....	....	....	89	92	96	103	103	102	100	97	97	96	84	78	86	94	80	91	75	75	82	81	64	75	86	86	88.4[c]
	Minimum	65	68	68	62	....	....	....	56	52	55	57	66	65	66	66	68	66	59	47	43	58	64	54	52	40	39	41	57	56	47	50	55.7[c]
Butler	Maximum	92	89	89	96	92	90	92	85	85	90	94	92	93	95	92	93	92	80	78	85	86	83	84	70	70	73	78	68	68	78	83	85.0
	Minimum	62	68	58	65	69	65	63	56	55	53	57	64	68	65	68	70	67	58	46	45	42	64	51	50	41	39	45	42	59	45	49	56.4
Canton /-1 NW	Maximum	87	86	91	94	91	86	73	83	88	91	93	93	96	93	92	90	87	77	74	80	87	81	81	69	71	73	75	65	70	80	80	83.1
	Minimum	61	61	60	64	65	66	59	57	56	60	62	67	65	70	66	68	61	62	48	43	44	61	55	51	47	46	44	45	54	52	55	57.1
Carlisle[6]	Maximum	90	80	93	97	96	90	80	83	85	92	96	99	99	95	92	93	93	86	80	84	92	84	87	80	77	78	79	74	74	80	85	86.9
	Minimum	66	65	67	65	70	68	65	58	55	55	65	65	65	66	69	70	72	65	54	44	56	65	57	57	44	41	42	50	49	51	50	59.1
Chambersburg[6-1] SW...	Maximum	90	80	92	98	96	90	80	85	88	92	98	100	100	95	92	92	92	83	81	83	91	78	85	75	75	79	81	65	72	84	85	86.4
	Minimum	66	67	68	65	71	69	66	58	56	57	60	66	68	68	67	72	67	66	52	47	58	67	62	58	45	43	45	52	56	50	53	60.2
Clarion[6-3] SW	Maximum	89	88	95	96	91	87	83	87	92	94	94	95	96	92	94	95	80	77	78	86	86	83	78	69	71	76	76	63	73	82	78	84.6
	Minimum	61	64	59	63	64	64	60	56	58	54	55	54	63	66	63	65	68	55	46	41	50	63	49	47	44	41	41	55	56	46	51	55.5
Claysville /.	Maximum	89	87	92	93	90	89	84	85	89	93	93	96	95	93	92	82	79	77	75	86	84	81	77	69	72	76	79	72	73	82	80	84.0
	Minimum	59	60	58	60	64	66	64	57	59	56	62	64	62	68	68	70	65	58	43	43	58	64	55	48	41	41	43	56	57	51	54	57.2
Coatesville[6]	Maximum	94	75	91	98	97	87	75	82	85	92	96	97	96	95	94	96	93	88	79	83	89	82	90	78	76	79	78	81	77	86	89	87.1
	Minimum	70	68	68	74	74	75	65	62	58	61	68	69	72	74	72	72	74	74	59	59	59	65	64	62	52	46	53	50	61	57	59	64.4
Columbia[6]	Maximum	92	83	93	100	99	90	80	85	87	95	98	97	97	97	96	97	97	87	82	87	92	85	89	79	79	84	86	80	76	90	90	89.3
	Minimum	67	69	69	67	71	70	70	58	56	58	62	65	70	70	69	70	72	70	55	46	57	66	57	54	46	45	45	52	57	50	54	60.9
Corry	Maximum	90	90	91	95	86	82	79	84	88	92	92	....	....	....	....	....	....	72	83	78	84	80	67	71	74	78	70	70	81	75	....	....
	Minimum	53	62	56	59	64	62	56	50	49	49	52	....	....	....	....	....	....	40	35	46	54	45	47	40	35	32	53	58	46	46	....	....
Coudersport	Maximum	88	88	91	94	91	85	78	85	87	90	92	93	95	94	93	90	80	78	73	82	85	83	83	66	68	74	77	59	70	78	78	82.8
	Minimum	54	63	55	58	60	62	55	54	48	50	51	58	59	63	61	60	62	56	40	32	46	60	42	46	39	35	31	42	53	40	48	51.1
Curwensville[3-6] NW...	Maximum	79	81	87	90	88	81	76	79	81	86	88	89	89	87	86	87	76	72	69	79	79	75	70	64	65	71	73	56	69	75	73	78.1
	Minimum	65	62	59	66	64	62	60	59	56	57	61	67	65	64	63	65	62	50	46	46	58	53	51	47	46	46	48	53	45	46	56	56.4
Derry	Maximum	86	85	91	93	90	85	81	83	87	91	92	95	94	93	92	89	83	79	76	87	87	81	79	70	72	76	78	72	72	81	80	83.9
	Minimum	65	66	59	63	69	64	64	59	56	58	62	68	65	67	69	71	65	61	47	43	56	64	54	51	43	40	49	57	59	52	51	58.7
Donegal[1]	Maximum	91	83	90	92	91	90	80	83	87	89	92	94	90	90	87	85	82	76	72	84	85	78	82	68	68	75	74	63	70	78	78	82.2
	Minimum	56	63	56	58	58	58	62	60	54	50	56	66	60	64	64	65	63	58	41	40	55	62	56	50	37	41	45	54	51	46	48	54.7
Donora[1]	Maximum	90	88	93	95	94	89	85	88	89	93	95	98	98	93	93	83	81	82	79	90	86	84	82	74	75	81	80	74	75	85	82	86.3
	Minimum	69	69	64	69	73	68	67	64	61	61	66	72	72	70	70	73	70	63	52	52	66	67	64	54	47	46	48	60	62	56	59	63.0
Eagles Mere /.	Maximum	83	77	87	89	86	84	74	86	80	88	90	93	94	90	85	87	83	77	77	76	80	78	72	76	75	77	75	65	75	78	81.3
	Minimum	64	67	62	62	68	66	61	59	56	56	61	65	70	69	65	65	66	59	47	46	46	57	57	49	46	46	49	49	50	49	49	57.5
East Waterford-3 E.....	Maximum	81	75	86	92	90	82	79	78	82	91	94	94	93	89	88	85	87	77	73	79	86	78	80	67	68	73	74	66	66	80	79	81.0
	Minimum	69	65	63	73	73	67	64	58	62	66	73	75	70	65	66	71	67	61	53	53	64	62	61	51	50	53	55	52	53	55	63	62.4
Ebensburg /.	Maximum	80	78	88	91	88	80	74	79	82	86	89	92	92	90	87	86	81	75	70	84	89	81	78	70	73	65	77	58	70	77	80	80.4
	Minimum	61	64	63	62	61	61	62	58	54	55	58	65	62	65	62	63	62	58	44	41	54	50	54	50	38	38	42	53	53	48	49	55.3
Emporium /-1 E.	Maximum	86	88	93	95	92	89	82	88	90	93	95	97	97	91	93	95	84	79	76	85	89	84	80	70	71	78	79	64	74	82	83	85.2
	Minimum	58	61	59	61	65	64	58	58	56	56	56	57	61	65	64	64	65	57	45	39	42	51	46	48	42	40	37	45	55	45	46	53.7
Ephrata	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	77	77	82	82	78	73	87	89	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	59	46	44	46	50	58	52	55	....
Erie[1]	Maximum	88	89	93	89	82	78	76	79	86	90	89	87	84	90	86	88	79	75	70	80	81	81	77	69	70	74	79	67	71	78	75	80.6
	Minimum	68	74	71	72	71	69	65	63	66	71	77	75	72	75	73	76	67	63	58	55	66	67	58	58	55	53	56	57	61	63	64	65.8
Everett[1-0.5] SW.....	Maximum	88	80	88	97	96	91	76	88	90	94	99	98	97	97	96	96	91	83	78	88	93	81	88	73	73	78	80	60	72	85	85	86.4
	Minimum	62	64	61	68	67	67	66	57	53	53	55	63	59	62	63	66	65	58	52	42	53	62	56	47	40	39	40	47	53	44	48	55.5
Ford City-4 S	Maximum	87	86	93	94	94	94	87	85	87	90	92	94	96	96	91	92	84	81	80	86	88	84	82	70	79	76	76	77	77	82	83	85.9
	Minimum	62	62	58	62	64	63	64	55	55	53	56	65	62	65	65	67	64	65	45	43	51	62	51	48	43	41	42	54	57	46	49	56.1
Franklin /.	Maximum	88	89	92	93	89	85	83	87	89	93	92	91	94	91	92	92	80	76	75	85	81	84	75	70	73	78	76	62	73	82	73	83.3
	Minimum	59	62	61	62	67	66	60	60	58	57	57	60	64	67	66	66	69	58	49	44	44	54	51	48	48	44	44	45	56	44	45	56.0
Fredericksville[6-1] S....	Maximum	85	77	88	93	95	87	70	80	83	88	90	92	95	95	92	91	93	91	83	76	80	87	80	85	73	74	78	77	76	70	85	84.1
	Minimum	60	68	66	62	66	67	64	60	50	55	58	61	68	67	64	65	66	68	47	43	52	64	53	53	42	42	42	43	56	44	61	57.3
Freeland	Maximum	85	78	89	92	89	88	72	80	83	88	92	92	93	90	86	88	85	81	71	78	83	79	74	78	69	73	77	70	65	78	79	81.5
	Minimum	66	65	63	73	71	66	62	58	56	63	70	73	70	70	65	70	67	61	50	48	58	62	58	50	46	48	48	52	52	50	61	60.4
George School[6]	Maximum	87	79	83	96	97	85	76	85	86	93	97	95	96	93	95	95	94	89	81	85	88	81	91	79	79	82	83	79	80	89	88	87.3
	Minimum	67	70	70	67	74	72	71	63	55	57	67	70	73	75	73	73	75	70	56	49	60	67	63	61	47	48	49	47	66	58	60	63.3
Gettysburg	Maximum	91	87	92	99	98	95	87	83	85	93	100	101	98	95	96	96	95	94	84	85	91	89	87	85	75	79	79	77	72	86	85	89.0
	Minimum	69	69	70	68	73	78	69	61	57	59	63	69	72	73	70	74	73	72	57	51	63	68	60	60	50	46	49	53	58	53	56	63.3
Gordon	Maximum	85	83	92	94	94	89	81	83	87	92	95	95	97	95	92	91	92	86	75	82	88	79	82	71	73	74	78	72	69	83	83	84.9
	Minimum	61	68	66	61	65	67	67	56	51	54	57	62	65	67	67	66	67	67	45	38	54	66	50	57	39	36	37	49	56	44	51	56.6
Greensburg-2 S	Maximum	88	83	91	90	90	88	82	84	88	89	90	93	93	90	90	89	80	79	76	85	85	81	81	70	73	75	78	73	72	82	80	83.5
	Minimum	60	60	57	59	65	61	60	54	51	51	54	52	60	64	64	65	62	58	42	39	50	64	54	58	38	38	37	38	52	60	45	54.0
Hanover /.	Maximum	88	73	92	96	96	91	75	85	87	93	99	98	100	95	95	96	95	85	81	84	91	78	87	76	75	79	81	72	73	85	85	86.6
	Minimum	70	70	69	70	74	69	69	61	59	63	66	71	74	73	71	73	72	73	57	51	57	66	61	59	50	49	49	56	58	54	59	63.6
Harrisburg Arpt.[1-3.5] S.	Maximum	90	76	94	100	97	92	76	83	86	95	99	101	100	97	95	96	95	83	79	85	93	80	88	74	75	79	81	74	74	86	88	87.5
	Minimum	71	70	70	69	74	72	64	60	61	62	66	70	72	71	70	72	73	65	57	50	63	68	60	58	46	48	48	56	60	57	56	63.1
Hawley[6-0.5] E	Maximum	91	80	89	97	95	90	69	85	86	95	98	97	97	95	92	92	90	81	75	81	88	83	83	71	73	75	78	76	71	81	85	85.1
	Minimum	62	65	66	60	64	68	63	60	49	54	57	62	66	67	63	65	62	63	45	39	50	64	53	52	41	38	39	42	55	47	50	55.5
Hewitt[6-2] SW	Maximum	90	82	93	98	96	90	80	87	90	94	99	100	101	100	95	95	98	82	85	96	94	82	88	78	75	81	81	72	85	83	85	89.2
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Holtwood[1]	Maximum	88	78	93	98	95	90	77	86	88	93	97	95	93	93	95	91	95	84	80	85	90	81	90	75	75	79	82	75	77	86	86	86.3
	Minimum	73	73	73	76	76	76	68	66	64	66	70	73	77	75	75	75	75	68	62	55	66	70	64	62	55	55	57	58	63	59	63	67.3
Huntingdon	Maximum	90	85	95	99	98	90	80	86	89	96	98	99	101	99	93	95	92	84	78	89	94	83	85	73	75	80	82	65	75	86	85	87.7
	Minimum	62	64	63	61	64	66	65	61	54	55	58	66	61	64	66	66	65	67	46	43	58	64	54	55	42	40	40	58	58	45	53	57.4
Indiana	Maximum	90	85	91	93	92	89	85	84	87	90	92	93	92	94	91	90	82	79	79	85	85	80	80	68	70	73	78	76	73	80	79	84.0
	Minimum	66	68	62	65	67	64	65	60	59	58	61	68	64	64	67	66	67	64	60	48	48	57	63	55	57	43	45	48	55	58	50	59.2
Irwin	Maximum	93	90	92	93	93	89	88	87	88	92	93	96	94	95	92	92	80	82	79	87	87	85	78	72	75	78	79	76	74	83	83	86.0
	Minimum	65	65	59	65	69	66	65	57	57	56	62	69	65	68	67	70	65	59	48	44	60	64	57	51	42	40	43	56	59	53	54	58.7
Jamestown /-2 NW.....	Maximum	92	92	93	99	86	84	83	86	89	96	95	92	96	94	93	89	83	79	76	85	83	85	77	71	73	79	79	70	78	81	75	85.0
	Minimum	62	65	61	64	66	65	60	54	55	58	62	65	62	66	63	66	64	54	43	41	52	59	49	44	39	38	43	53	53	47	52	55.6

Continued on page 63.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Johnstown[6] 0.5 W	Maximum	85	87	90	93	87	86	80	84	84	89	92	94	93	95	92	89	83	78	73	88	88	77	81	68	70	75	78	66	70	81	77	83 0
	Minimum	62	62	63	61	67	64	63	59	58	55	56	65	61	65	65	66	64	60	44	55	63	55	47	53	10	10	41	55	58	50	49	56 8
Kane[1]-1 N	Maximum	86	88	91	93	85	84	77	84	87	89	89	91	92	89	93	90	75	73	72	82	80	80	78	65	68	72	75	60	68	78	77	81 9
	Minimum	54	59	51	57	58	63	56	48	48	48	50	56	60	63	58	60	64	46	38	33	46	47	40	38	35	33	30	45	42	49	44	48.7
Lancaster	Maximum	94	86	91	94	95	93	86	88	85	89	90	91	93	91	91	93	92	91	85	82	87	80	85	84	75	79	80	79	73	83	85	86 7
	Minimum	64	67	68	65	69	68	66	60	55	57	61	65	69	69	68	68	71	72	52	51	58	66	58	59	45	41	44	48	58	49	52	60 2
Lawrenceville	Maximum	91	92	94	98	91	88	77	87	93	96	97	98	100	96	100	98	90	82	74	87	90	87	84	74	78	74	82	72	70	83	83	87.3
	Minimum	58	67	60	61	65	67	60	57	50	55	55	62	64	67	63	64	66	62	43	37	52	61	48	39	40	38	37	44	56	44	52	54.6
Lebanon	Maximum	90	78	94	98	98	93	75	84	86	94	96	99	98	96	93	96	94	84	79	84	90	81	88	76	75	80	81	76	75	87	88	87 3
	Minimum	69	72	70	67	72	72	69	60	58	60	64	68	72	72	69	72	72	71	57	48	50	67	57	59	46	45	46	49	59	51	56	61.9
Lewistown -2 SW	Maximum	87	84	95	98	96	86	80	85	90	97	98	100	100	98	96	95	95	84	..	87	92	83	85	75	75	80	80	66	74	84	86	87.7*
	Minimum	63	66	66	63	65	68	67	62	56	56	58	60	64	65	66	68	67	67	51	47	...	57	54	54	45	43	42	45	54	49	49	57 0*
Lock Haven[6]	Maximum	90	87	96	98	96	91	80	87	92	97	98	99	102	98	98	96	90	84	82	88	91	87	80	74	75	81	82	68	77	84	84	88.1
	Minimum	67	69	63	65	68	68	64	61	57	60	60	67	65	68	68	69	67	59	48	43	52	65	52	56	45	42	42	48	55	48	56	58.6
Marcus Hook[1]	Maximum	91	80	90	103	103	87	79	82	85	97	100	99	98	97	96	98	99	90	81	86	91	84	91	80	82	82	86	85	82	90	91	89.6
	Minimum	76	70	71	73	79	75	66	65	63	66	74	75	79	78	78	80	79	70	61	57	68	70	68	62	56	65	55	57	63	52	69	68 4
Martinsburg[3]	Maximum	84	78	91	93	89	84	73	82	85	90	93	95	95	91	89	90	86	76	75	84	88	76	82	69	70	75	76	61	60	80	78	82.2
	Minimum	65	68	66	66	66	65	64	60	55	57	63	71	67	66	65	65	66	59	51	45	61	54	54	47	45	44	45	56	53	50	53	58 5
Mauch Chunk-1 SW	Maximum	87	81	89	....	95	91	89	79	82	90	91	93	95	92	92	91	92	88	87	78	86	86	86	83	72	74	76	74	73	82	85	85.3*
	Minimum	60	69	68	....	74	69	65	57	47	52	55	61	66	67	62	63	65	66	46	39	50	64	52	55	40	37	38	41	53	47	52	56 0*
Meadville -1 S	Maximum	92	90	94	96	85	84	81	86	88	91	93	89	94	91	93	90	80	74	72	84	78	84	78	68	70	77	77	64	73	83	73	83 0
	Minimum	60	62	60	64	65	64	61	57	55	56	59	62	64	67	66	67	67	52	46	41	49	59	50	46	44	39	42	55	55	46	51	55 8
Mercer[3]-2.5 NE	Maximum	87	88	90	95	87	80	81	84	86	91	92	89	94	91	91	87	78	74	73	84	80	82	75	68	70	74	75	65	73	81	71	81 8
	Minimum	66	64	60	65	67	65	61	59	60	60	64	66	65	67	66	69	59	51	45	45	59	58	52	48	45	41	50	54	49	46	57	57.4
Middletown[1]-1.5 W	Maximum	88	76	95	99	97	91	75	84	85	92	95	96	96	96	92	94	94	86	78	84	92	80	85	74	75	78	79	74	72	85	88	86 3
	Minimum	64	70	70	66	73	71	65	60	58	61	65	69	72	71	70	73	74	60	56	48	64	67	55	54	50	48	47	52	57	53	55	61 9
Midland[6]	Maximum	89	88	92	94	92	90	84	86	88	92	94	94	94	92	93	91	84	77	75	85	84	83	72	69	71	75	79	76	73	82	79	84 4
	Minimum	71	68	64	64	67	66	66	64	63	61	64	66	66	69	67	70	67	63	53	51	64	62	58	52	46	48	51	56	58	55	58	61 2
Montrose -3 E	Maximum	89	82	89	95	89	84	70	82	84	91	94	94	96	93	90	91	89	75	69	78	87	81	79	66	68	71	77	70	69	78	84	82 4
	Minimum	61	67	59	63	67	65	62	56	57	59	61	65	70	72	63	65	65	62	48	45	53	57	56	50	44	45	44	48	51	52	54	57 6
Mt. Lebanon[6]	Maximum	87	84	91	94	93	88	81	82	85	92	94	96	94	90	90	88	79	77	75	86	86	82	76	71	71	74	76	71	74	82	75	83 4
	Minimum	70	68	65	67	68	66	67	63	61	59	66	70	66	69	67	70	66	58	49	49	64	65	59	50	45	47	51	55	58	54	61	61 1
Mt. Pocono[3]-2 N	Maximum	85	74	83	91	89	83	66	77	81	87	90	91	90	88	86	86	85	76	68	75	80	76	78	64	65	69	72	68	66	77	80	78 9
	Minimum	62	64	64	61	67	64	57	51	48	58	62	65	68	65	64	66	66	50	43	43	56	59	54	43	39	43	46	46	49	49	53	55 7
New Bloomfield	Maximum	89	84	96	100	98	94	89	85	88	96	98	102	100	98	97	94	94	90	83	85	92	89	87	84	75	80	81	79	74	86	86	89 5
	Minimum	62	67	68	61	67	67	64	57	51	54	57	64	64	64	65	67	66	68	47	42	57	64	50	57	41	40	39	50	56	48	50	57 2
Newburg[1]-3.5 NW	Maximum	94	84	94	101	99	93	78	86	90	92	101	100	102	98	98	98	98	86	80	86	92	82	90	76	82	84	86	69	76	90	89	89 5
	Minimum	66	68	69	65	70	72	68	58	56	58	62	68	68	64	64	68	72	60	56	52	60	62	54	58	48	44	48	58	56	53	54	60 6
New Castle-1.5 N	Maximum	89	89	95	96	95	86	86	87	88	95	95	95	97	92	94	91	91	80	79	87	85	85	82	71	74	78	79	71	76	85	85	86 4
	Minimum	65	67	61	68	70	68	60	58	57	61	66	66	70	68	71	67	55	44	44	55	58	52	47	44	40	44	56	60	62	64	58	58 9
Palmerton[1]	Maximum	87	77	88	96	96	86	70	83	83	94	94	96	95	94	91	94	92	80	74	81	88	81	85	71	72	76	78	74	72	85	85	84 5
	Minimum	67	69	68	67	70	67	63	60	56	60	62	68	72	73	69	70	70	69	50	45	....	68	58	50	45	41	42	48	55	50	57	60 3*
Park Place[3]-1 NW	Maximum	78	71	86	91	88	83	69	78	80	88	93	91	92	88	90	87	87	75	70	78	83	75	79	64	70	72	73	65	68	79	80	79 7
	Minimum	67	65	64	72	67	64	58	59	56	64	70	73	73	68	66	71	68	57	50	49	57	62	58	50	47	49	50	52	54	51	65	60 5
Philadelphia Arpt [1]	Maximum	86	76	86	97	97	84	77	81	83	92	95	94	95	92	93	94	94	86	79	82	88	77	88	77	76	79	78	79	77	87	88	85 7
	Minimum	73	70	70	70	76	72	67	65	61	62	69	71	75	76	75	75	76	65	58	54	63	69	65	58	52	51	51	63	55	59	65	65 1
Philadelphia C.O.[1]	Maximum	84	76	86	96	97	84	78	83	85	92	94	92	94	91	91	92	92	87	80	82	87	76	88	76	75	80	78	77	75	85	86	85 1
	Minimum	73	70	70	75	77	75	70	68	66	67	73	72	77	77	75	76	77	71	63	61	65	70	69	62	58	58	57	60	63	63	66	68 5
Phila. Shawmont	Maximum	90	84	88	97	96	85	88	85	87	93	95	94	94	93	94	93	95	87	84	83	87	80	90	79	78	80	80	79	76	87	88	87 4
	Minimum	79	70	70	68	74	73	72	62	56	57	65	65	74	71	73	74	74	73	55	49	61	67	64	63	49	49	48	50	60	53	58	63 8
Philipsburg[3]-7 E	Maximum	80	79	88	90	89	82	74	79	83	86	88	89	91	86	87	87	80	74	70	78	83	76	75	65	67	71	73	59	69	77	74	79 0
	Minimum	58	61	59	58	60	61	60	55	52	49	51	60	57	63	59	64	64	45	38	32	51	49	42	36	35	31	33	52	38	35	45	50 0
Phoenixville[6]-1.5 SE	Maximum	95	86	95	100	101	102	90	89	90	98	100	101	103	98	100	98	100	89	82	86	90	84	91	80	81	82	85	85	84	95	92	92 0
	Minimum	73	64	70	54	72	71	67	62	53	57	61	61	71	72	71	70	71	71	50	42	56	67	60	60	42	40	42	43	44	47	53	59 3
Pittsburgh Arpt Sta.[1]	Maximum	85	82	89	93	92	88	84	82	85	92	92	94	95	90	91	85	79	77	75	86	84	79	75	70	71	75	76	70	71	83	76	82 8
	Minimum	69	68	65	70	66	65	66	60	63	64	66	71	66	68	67	69	66	60	54	52	64	65	58	52	49	50	53	56	58	53	61	61 7
Pittsburgh City Office[1]	Maximum	88	86	94	95	93	89	84	84	87	94	96	99	100	95	94	95	94	86	79	82	89	81	88	76	78	80	80	76	74	86	88	87 1
	Minimum	72	71	68	72	69	71	69	65	66	66	70	73	76	76	74	75	75	67	58	52	65	69	64	58	51	49	50	53	62	56	62	65 0
Port Clinton /	Maximum	86	74	91	95	96	89	75	80	85	91	96	98	94	93	90	86	83	89	91	81	77	74	79	81	77	74	79	81	77	74	82	83 7
	Minimum	64	67	65	64	68	69	68	58	52	56	58	64	66	72	66	68	69	68	47	41	49	62	54	57	42	40	41	47	49	49	53	58 3
Putneyville-2.5 SE	Maximum	87	85	91	92	90	86	85	84	85	89	91	94	94	92	91	92	84	78	77	85	87	82	81	70	70	75	78	72	75	81	78	83 9
	Minimum	63	67	58	63	65	63	62	57	56	58	55	65	65	66	64	66	66	58	45	44	54	62	50	48	44	38	43	51	57	47	52	56 5
Quakertown-0.5 E	Maximum	89	83	85	96	97	99	78	81	83	91	95	97	97	95	94	95	96	89	78	82	88	83	85	84	74	78	77	79	76	85	88	87 0
	Minimum	79	66	65	63	67	78	65	57	47	66	79	63	71	78	82	86	65	70	43	36	64	75	52	53	38	59	35	39	56	47	51	61 1
Reading[1]	Maximum	88	77	91	98	99	90	77	83	86	94	96	99	100	95	94	95	94	86	79	82	89	81	88	76	78	80	80	76	74	86	88	87 1
	Minimum	71	71	70	70	72	72	65	64	59	66	70	73	76	76	74	75	75	67	58	52	65	69	64	58	51	49	56	58	62	56	62	65 0
Ridgway /	Maximum	89	90	94	95	91	88	80	87	89	92	92	95	96	91	94	93	79	78	76	71	84	83	74	71	72	73	78	60	74	82	81	83 7
	Minimum	59	59	58	58	61	62	56	55	52	53	53	54	59	60	60	60	60	54	44	37	37	48	45	42	41	37	37	37	55	41	42	50 7
Scranton[1]	Maximum	93	83	92	96	92	89	71	84	87	92	96	96	98	94	90	90	91	78	73	80	87	81	81	67	70	73	77	76	69	82	85	84 3
	Minimum	68	71	70	66	71	70	65	65	57	60	63	68	71	71	69	70	67	63	55	45	58	67	58	53	47	45	46	50	58	51	59	61 2
Selinsgrove	Maximum	88	84	93	96	95	91	88	84	86	92	95	99	99	96	93	92	93	90	86	83	89	91	81	77	74	79	81	77	74	85	86	87 6
	Minimum	65	67	69	63	68	69	67	62	54	58	60	69	68	69	69	69	67	59	50	42	61	67	53	45	42	40	41	48	58	47	54	58 7
Sharon	Maximum	87	92	92	96	96	82	78	85	88	93	93	92	94	94	93	93	87	75	72	85	85	80	80	64	67	74	75	75	70	81	81	83 8
	Minimum	60	70	63	68	67	65	59	60	59	58	64	66	68	69	65	72	62	55	46	43	55	63	52	48	43	41	47	54	58	48	54	58 1
Somerset	Maximum	86	77	90	88	86	86	80	82	85	88	89	91	94	92	90	88	80	76	74	84	83	81	83	67	68	70	73	74	69	80	79	81 7
	Minimum	58	59	60	55	65	63	59	58	47	46	50	61	56	61	63	64	60	59	40	37	49	62	55	50	35	34	35	53	56	49	43	53 0
Springs[6]-1 SW	Maximum	82	78	85	85	83	82	71	76	79	84	87	88	90	88	86	82	78	72	71	81	81	73	79	65	65	70	71	58	67	76	78	77 6
	Minimum	58	62	63	56	63	62	58	56	49	49	50	59	57	59	59	61	63	57	48	41	52	61	51	51	37	37	38	52	58	43	47	53 5
State College[1]	Maximum	85	82	93	95	93	87	75	83	88	92	93	95	96	94	91	91	85	78	75	84	89	80	79	69	71	77	77	69	72	81	81	83 9
	Minimum	68	67	63	67	68	66	64	61	57	60	61	70	67	68	66	70	67	60	54	48	61	61	54	51	46	43	45	57	57	51	56	59 8
Stroudsburg-2 E	Maximum	93	87	88	98	98	87	78	84	88	95	95	97	97	95	96	95	93	92	83	82	88	89	86	83	78	78	81	79	75	85	88	88 1
	Minimum	65	68	68	64	66	70	66	59	51	55	47	64	65	70	66	68	68	68	48	42	50	65	56	53	43	39	40	47	57	46	54	57 7
Tamarack /-2 S	Maximum	81	79	87	90	88	84	72	77	82	88	90	93	95	85	88	90	82	74	72	72	86	79	76	64	66	69	71	55	67	76	74	79 1
	Minimum	63	65	61	61	66	64	58	58	60	62	62	62	67	68	64	65	65	58	47	47	49	60	55	48	44	45	50	50	52	50	51	57 3
Tionesta-1.5 SE	Maximum	90	90	93	96	94	85	84	87	90	94	93	92	95	95	92	94	88	79	76	85	85	84	82	70	72	78	78	63	71	82	77	85 0
	Minimum	60	66	60	64	65	64	57	56	57	55	56	61	63	67	64	65	67	55	47	43	50	64	47	46	45	41	42	52	57	45	51	55 9
Titusville-2 S	Maximum	89	90	93	93	88	84	81	85	89	91	91	88	93	91	93	91	85	78	72	84	82	82	78	67	71	76	77	72	72	80	77	83 3
	Minimum	60	69	57	65	66	63	57	52	54	54	59	64	64	65	64	66	66	54	42	41	53	62	46	46	40	36	38	53	57	47	54	55 3
Towanda-1 E	Maximum	93	91	93	98	93	90	73	85	89	95	97	98	100	98	96	93	90	80	75	83	90	86	82	75	73	75	79	70	73	83	86	86 5
	Minimum	60	68	61	60	65	70	62	60	50	56	57	64	64	70	65	66	65	59	50	37	53	64	52	54	42	39	41	44	56	47	52	56 5
Uniontown	Maximum	88	83	87	91	89	87	82	85	85	88	91	93	92	91	90	87	83	79	77	88	85	82	81	72	73	80	80	74	72	83	81	83 8
	Minimum	68	68	62	65	70	69	67	63	60	58	61	70	67	68	67	71	66	62	51	50	61	67	62	55	45	46	48	59	61	54	55	61 2
Vandergrift[1]	Maximum	88	88	94	96	93	88	83	87	90	92	94	97	96	94	93	83	82	79	77	88	89	83	72	72	74	78	81	69	77	83	73	85 5
	Minimum	65	66	62	68	67	63	65	61	59	57	62	70	65	69	69	73	68	61	49	47	57	64	55	51	44	43	46	57	59	51	52	59 5

Continued on page 64.

Daily Temperatures for August 1944—Continued from page 63.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	89	88	90	92	82	82	79	83	86	89	90	90	91	90	95	93	82	75	73	85	81	85	82	67	70	75	78	70	70	79	77	82.5
	Minimum	59	68	61	65	65	66	58	57	56	56	58	64	65	67	66	66	67	56	48	42	51	61	49	47	46	42	40	55	58	46	53	56.7
Waynesburg	Maximum	88	84	90	91	89	88	83	87	88	93	94	92	93	91	93	89	77	79	76	85	81	79	82	71	73	78	79	72	71	82	78	83.7
	Minimum	65	60	59	61	67	66	64	58	58	54	53	55	63	66	67	68	64	58	45	43	58	64	59	49	40	39	44	57	57	47	51	56.7
Wellsboro/	Maximum	90	88	91	95	90	87	75	83	89	93	94	94	96	93	96	94	88	79	74	84	88	84	84	68	72	74	78	65	70	80	83	84.5
	Minimum	57	58	58	59	60	60	57	58	50	50	53	53	61	62	64	62	62	62	42	33	37	48	45	45	37	37	34	35	45	43	46	50.7
West Chester	Maximum	85	81	86	96	96	87	82	82	85	91	94	95	95	92	92	94	93	85	82	82	88	79	88	76	75	79	80	79	75	86	87	86.0
	Minimum	67	68	67	67	72	72	62	60	57	60	65	67	68	71	69	72	72	71	66	52	57	65	62	61	48	48	50	52	57	53	58	62.5
Wilkes-Barre[3]	Maximum	92	83	95	98	92	91	71	84	88	93	97	96	99	95	91	93	91	81	74	81	88	81	81	71	73	75	79	76	70	84	86	85.5
	Minimum	64	69	67	62	67	66	65	59	53	59	60	66	68	68	68	68	67	53	47	42	56	62	53	46	42	42	42	48	54	46	54	57.5
Williamsport	Maximum	91	87	95	98	97	93	84	85	88	95	98	99	101	98	93	94	91	86	79	85	90	84	86	73	77	78	81	75	74	86	83	87.9
	Minimum	66	70	63	64	68	68	65	63	55	59	59	66	65	64	69	69	68	65	49	42	54	65	53	55	45	42	41	53	57	48	55	58.9
Williamstown	Maximum	89	85	93	96	94	93	90	84	86	91	95	97	97	94	93	94	91	87	81	82	89	89	85	83	74	78	81	74	71	84	85	87.3
	Minimum	60	65	64	60	65	66	66	56	50	53	56	62	65	65	63	66	66	66	55	39	54	63	49	55	42	38	38	46	55	45	49	56.2
Woodward[3-2 NE]	Maximum	82	77	85	89	88	82	69	76	80	87	91	91	94	90	88	88	86	75	72	79	83	76	75	65	65	71	75	62	65	77	77	79.4
	Minimum	66	64	62	70	65	64	59	57	58	64	69	73	73	66	65	69	65	56	49	48	61	61	55	48	48	50	52	52	54	51	61	59.8
York-3 SW	Maximum	95	89	95	99	98	98	92	85	86	96	99	98	98	96	97	98	95	94	86	86	92	82	89	88	77	81	82	81	75	88	89	90.5
	Minimum	66	67	69	66	70	71	68	58	56	57	61	67	70	70	67	71	70	72	50	46	60	67	57	59	45	42	43	53	58	48	53	60.5

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.36	27	29.74	17	6.6	20	sw.	4	75	59	70	68	9
Harrisburg	30.39	20	29.65	17	6.7	26	s.	21	80	48	59	77	8
Philadelphia	30.39	20	29.64	17	8.2	24	e.	2§	79	47	60	64	0
Philipsburg	30.42	27	29.73	17	7.3	26	se.	13§	89	57	79	.....	126
Pittsburgh	30.33	27	29.75	17	8.3	45	s.	13	83	53	63	57	17
Reading	30.40	20	29.64	17	9.3	32	e.	2	73	42	45†	76	3
Scranton	30.40	20	29.65	17	5.7	28	sw.	16§	85	52†	....	57	28

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. a One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	1.3	1.9	1	1.0	21	18
Easton	Delaware	.....	.....	.....	.....	.....	.....
Lehighton	Lehigh	2.5	3.0	8†	2.3	28	9
Reading	Schuylkill	2.8	3.4	8	2.4	29	13
Wilkes-Barre	N. Br. Susquehanna	1.4	1.9	7	1.1	28	22
Williamsport	W. Br. Susquehanna	−0.1	0.3	1	−0.2	25†	20
Newport	Juniata	3.1	3.3	10	3.0	28	22
Harrisburg	Susquehanna	3.1	3.2	7	3.0	28	17
Schenley, (nr) Lock No. 5.	Allegheny	11.5	11.7	1	11.4	16	24
Sutersville	Youghiogheny	2.7	3.4	7	2.6	21	20
Charleroi(nr.), Lock No. 4	Monongahela	10.8	11.1	9	10.6	6	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T. , Trace (0.005 inch or less).
a, b, c, etc. Number of days missing, for example, b indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—10-4-44-975.)

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLIX. SEPTEMBER 1944. No. 9.

GENERAL SUMMARY.

September was a pleasant month with temperatures slightly below, and precipitation somewhat in excess of normal. With the exception of a few mountain stations, temperatures and precipitation were above station normals in the east while in the west they were generally deficient. Consequently, drought conditions in the southeast were relieved while in west-central and south-central counties they continued to intensify. Highest temperatures occurred during the first few days when readings of 90° and above were common, particularly at eastern stations. Lowest minima were general about the 24th when sub-freezing temperatures were reported at many northern and mountain stations.

Precipitation, although unevenly distributed, was frequent and the State average was above normal, reducing the accumulated deficiency for the year to 2.30 inches. Only twice in the period of record for September has the number of days with measurable precipitation been exceeded. The stormiest period of the month was from the 12th through the 14th when more rain fell in eastern counties in 48 hours than had fallen during July and August. Precipitation reached excessive rates in this area and was attended by strong winds in Philadelphia and its vicinity due to the northward passage of a hurricane, close to the New Jersey coast. On the 14th, at Philadelphia, gust velocities of 60 miles per hour were recorded. Trees were blown down, power lines broken, and roads blocked, forcing detours of traffic. The force of the wind was enough to knock down and injure a woman. About 5200 telephones were put out of service in eastern Pennsylvania as a result of the rain and wind. In a local storm, near Carlisle on the 5th, wind tore part of the roof from a barn and blew down many trees. Power lines were torn down and roads were blocked. One man was stunned by lightning.

A tornado ripped its way through a section of Bucks County, a short distance northwest of Doylestown, on the 28th. The path was about 100 yards wide and six miles long. Barns and chicken houses were demolished, houses were unroofed, and many trees were blown down. Property damage was estimated at $50,000.

On the night of the 4-5th, many communities in the State were shaken by a slight earthquake, centered in the vicinity of Canton, New York.

Unfavorable weather conditions and labor shortage during the growing season were obstacles to this year's program to expand production. In spite of this, planted acreage was increased by 6%, only 2% below the desired goal. Precipitation was above normal throughout the Spring and delayed field work and planting. Temperatures during the summer were not exceptionally high but combined with the lack of precipitation to retard crop development in many localities. September's rain fell where it was most needed, but was too late to benefit crops, although pastures, soil condition, and wells were improved. Killing frosts were reported on the 24th at many northern stations, about a week in advance of the average for this section. G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 63.4°, which is 0.7° below the 57 year normal for September. The highest monthly mean was 71.2° at Marcus Hook, and the lowest was 57.1° at Kane. Extremes ranged from a maximum of 100° at Phoenixville on the 2d to a minimum of 23° at Kane on the 24th

PRECIPITATION.

The average precipitation for the State as deduced from the observations at 208 stations was 3.85 inches, which is 0.45 inch above the 57-year normal for September. The greatest monthly amount was 8.07 inches at George School, while the least was 1.08 inches at McKeesport. The greatest amount recorded in any 24 consecutive hours was 3.90 inches at West Chester on the 12-13th.

ERRATA

July, 1944.—Page 56, Table of River Conditions, mean stage at Harrisburg should be 3.5 feet.

August, 1944.—Page 58, Emporium, departure of temperature from normal should be +1.7°; Palmerton, lowest temperature should be 41°. Page 60, Neffs Mill, precipitation on 28th should be 0.30 inch, on 29th, none. Page 62, Harrisburg, minimum temperature on 3d should be 71°. Page 63, Philadelphia Airport, minimum temperature on 2d should be 71°.

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	59.6	84	29	4.84	.....	10	8	11	11
1889	61.9	92	30	5.05	.....	13	8	8	14
1890	62.2	91	25	4.57	.....	11	10	9	11
1891	66.6	94	32	2.39	.....	7	17	8	5
1892	62.4	90	29	2.81	.....	7	16	7	7
1893	61.2	90	26	2.67	.....	8	9	12	9
1894	66.6	95	24	6.30	.....	10	10	10	10
1895	67.8	100	24	1.71	.....	6	16	9	5
1896	63.6	98	26	4.82	.....	10	13	8	9
1897	63.8	100	24	2.18	.....	5	18	7	5
1898	66.0	100	25	1.70	.....	6	16	8	6
1899	61.8	93	23	4.70	.....	10	12	9	9
1900	68.4	100	27	1.77	.....	6	13	10	7
1901	63.6	95	29	3.39	.....	9	14	7	9
1902	62.7	99	28	4.66	....	11	12	8	10
1903	63.2	94	27	2.09	.....	6	17	8	5
1904	63.7	95	21	3.37	.....	9	13	10	7
1905	64.0	95	27	3.41	.....	7	15	9	6
1906	67.0	99	30	2.46	.....	7	15	9	6
1907	64.8	95	29	6.37	.....	14	8	10	12
1908	65.6	99	26	1.60	.....	3	17	9	4
1909	62.8	96	26	2.27	.....	6	15	9	6
1910	65.5	95	32	4.49	.....	10	13	8	9
1911	64.9	92	26	5.29	.....	10	13	9	8
1912	65.5	95	25	5.57	.....	12	12	7	11
1913	62.4	97	24	3.28	.....	8	13	7	10
1914	61.5	98	21	0.99	.....	5	18	7	5
1915	66.5	96	25	2.56	.....	8	16	9	5
1916	62.5	98	23	3.77	.....	8	17	8	5
1917	59.0	91	25	2.31	.....	6	16	9	5
1918	58.7	88	28	3.97	.....	10	12	8	10
1919	64.4	96	28	2.07	.....	8	16	8	6
1920	64.5	91	24	3.99	.....	9	16	8	6
1921	68.9	98	31	4.68	.....	11	13	9	8
1922	66.3	100	22	1.48	.....	4	19	7	4
1923	64.8	92	22	3.55	.....	10	13	10	7
1924	59.8	99	26	6.44	.....	11	11	7	12
1925	67.5	99	24	2.80	.....	8	11	12	7
1926	64.2	99	26	5 81	.....	12	11	7	12
1927	64.9	97	27	2.08	.....	6	18	7	5
1928	60.4	94	25	2.33	.....	9	12	9	9
1929	65.7	101	24	3.71	.....	9	14	8	8
1930	67.8	101	27	2.45	.....	9	15	10	5
1931	69.1	104	29	3.15	.....	9	16	8	6
1932	65.2	105	23	1.45	.....	6	16	9	5
1933	66.3	98	32	4.66	.....	12	13	8	9
1934	66.4	94	31	6.58	.....	12	12	8	10
1935	62.2	95	24	3.51	.....	8	15	7	8
1936	66.5	96	28	2.17	.....	8	14	7	9
1937	61.5	97	25	1.90	.....	7	17	7	6
1938	62.0	95	26	4.74	.....	12	11	8	11
1939	65.9	101	27	2.95	.....	9	14	8	8
1940	61.4	95	21	3 41	.....	7	15	8	7
1941	66.0	98	24	1.33	.....	5	18	7	5
1942	63.7	96	19	4.38	.....	10	13	8	9
1943	61.4	102	18	0.72	.....	5	15	9	6
1944	63.4	100	23	3.85	.....	12	10	9	11
Period	64.1	105	18	3.40	.....	9	14	9	7

Climatological Data for September 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 in or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	....	65 6	+0.8	94	2	38	25	4.63	+1.23	2.38	13	0	10	10	10	10	sw.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	58	62.8	−0.3	87	2	33	24	3.69	+0.62	0.57	11-12	0	12	16	7	7	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	3	65.2	.....	95	4	37	24	4.12	.....	1.04	21	0	12	18	4	8	w.	Penna. Turnpike Comm
Carlisle	Cumberland	473	76	65.2	−0.3	91	2	38	24	3 33	−0.17	1.48	12-13	0	11	17	2	11	se.	William B Spear.
Chambersburg-1 SW	Franklin	600	48	65.7	−0.6	91	4	41	24	2.52	−0.62	0.94	13-14	0	11	4	8	18	ne.	Clarence E. Miller.
Coatesville	Chester	431	56	67.8	+1.6	92	2†	38	25	4.18	+0.41	2.00	12-13	0	11	4	8	18	ne.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	2	58.0	.....	80	3	35	24	3.80	.....	0.90	12-13	0	13	5	12	13	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	60.1	.....	85	2†	35	24†	5.19	.....	1.19	4	0	14	11	6	13	ne.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	7	62.2	.....	84	2	40	24	3.12	.....	0 57	12-13	0	11	6	8	16	w.	U. S. Weather Bureau.
Emporium-1 E.	Cameron	1,100	58	61.1	−0.4	86	2†	30	24	5.49	+2.01	1.05	20	0	16	7	8	15	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	67.6	+1.3	92	2†	43	24†	5 89	+2.37	2.50	12-13	0	12	9	11	10	ne.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	22	63.6	+0.6	89	2†	37	24	2.61	−0.45	0.64	18-19	0	12	11	6	13	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	51	61.4	+1.3	84	2	37	24	4.57	+0.69	1 54	13-14	0	13	9	4	17	s.	Andrew B. Evansha.
George School	Bucks	184	38	67.8	+1.4	93	3	40	25	8.07	+4.56	3 21	12-13	0	12	19	2	9	nw	Prof. N. W. Swayne.
Gettysburg	Adams	500	71	68.3	+1.7	93	4	45	24†	4.02	+0.55	2.19	12-13	0	13	14	8	8	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	40	63.0	+0.6	89	2	32	24	3.59	0.36	1.66	12-13	0	11	12	8	10	e.	Miss Sallie M. Johnson.
Hanover	York	600	40	67.4	+0.3	92	2†	45	24	4.11	+0.78	1.50	13-14	0	11	14	7	9	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	75	67.0	+1.2	93	2	42	24	3.93	+0.88	1.69	12-13	0	11	10	6	14	se.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	34	61.6	+0.6	89	2	32	25	4.71	+1.17	1.61	12-13	0	9	16	7	7	e.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	29	69.8	+0.7	91	2	49	25	3.29	+0.54	1.00	13-14	0	10	8	12	10	nw	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	57	64.0	−0.6	90	2	33	24	2.38	−0.96	0.77	14	0	12	3	7	20	w	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	57	66.2	+0.6	88	3	40	25	4.77	+1.32	1.88	13	0	13	16	4	10	n w	Lancaster Water Bureau.
Lawrenceville	Tioga	996	47	63.1	+1.4	89	2	29	24	2.66	−0.46	0.60	3-4	0	13	7	13	10	n.	Carlos P. Darling.
Lebanon	Lebanon	469	60	66.1	+0.4	92	2	42	24	6.38	+2.94	2.41	13-14	0	10	19	5	6	sw	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	6	64.4	.....	91	2	37	24	1.35	.....	0.25	12-13	0	11	14	7	9	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	64.2	−0.7	91	3	35	24	3.58	+0.50	0.71	4	0	14	12	4	14	e.	William R. Kelley.
Marcus Hook†‡	Delaware	12	18	71.2	+0.6	97	3	42	25	4.95	+2.02	1.80	13	0	6	20	1	9	ne	Sun Oil Co.
Martinsburg	Blair	1,493	2	62.2	.....	85	2†	38	24	2.35	.....	0.53	20-21	0	14	5	14	11	w	Civil Aeronautics Authority
Montrose-3 E.	Susquehanna	1,176	39	60.8[b]	+0.3	87	2	31	24†	4.00	+0.03	1.40	12-13	0	10	13	6	11	sw.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	3	58.9	.....	83	2	32	24	4.74	.....	2.13	12-13	0	10	4	17	9	w	U. S. Weather Bureau.
Palmerton	Carbon	455	26	64.3	+0.4	91	2	39	25	4.10	+0.49	1.66	13-14	0	10	11	8	11	ne.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	68.6	+2.7	93	2	45	25	5 82	+2.68	2.80	13	0	12	6	10	14	sw	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	2	57.6	.....	81	2†	29	24	3.30	.....	0.65	28	0	14	5	13	12	se.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	35	69.6	+1.4	100	2	35	25	5.70	+2.23	2.05	13-14	0	10	15	7	8	w.	Phila.-Suburban Water Co.
Port Clinton†‡	Schuylkill	407	6	63.8	−1.5	90	2	37	24	5.72	+1.67	2.09	13-14	0	10	20	2	8	.....	Earl E. Rarick.
Quakertown†‡-0.5 E.	Bucks	480	59	64.4	+0.5	92	3	32	25	6.56	+2.67	3.34	12-13	0	15	12	7	11	nw.	John E. Benner.
Reading	Berks	273	74	67.6	+1.0	91	2	45	25	5.61	+2.40	2.13	13-14	0	12	9	8	13	nw	U. S. Weather Bureau.
Scranton	Lackawanna	746	50	64.2	+1 3	89	2	37	24	3.41	+0.24	1 55	12-13	0	9	8	11	11	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	54	64.8	−0.1	92	2	35	24	4.97	+1.53	2.12	13-14	0	9	8	12	10	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	62.4	−0.4	85	2†	37	24	2.60	−0.43	0.77	14	0	12	6	10	14	e.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	25	65.0	+2.3	92	3	34	25	4.61	+1 10	1.64	13-14	0	12	14	6	10	nw.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	4	58.3	.....	81	2	35	25	4.14	.....	0.98	4	0	17	6	12	12	w.	James E. Swartz.
Towanda†‡-1 E	Bradford	754	50	63.8	+1.5	90	2	33	24	2.78	−0.41	1.05	13-14	0	13	10	9	11	nw	Mrs. M. Ordelia Parks.
Wellsboro†‡	Tioga	1,319	74	60.0	+0.1	85	2†	28	24	3.24	+0.29	1.23	3-4	0	14	7	6	17	w	M. S. Bliss.
West Chester†‡	Chester	440	95	67.8	+2.1	91	2†	41	25	6 29	+2.77	3.90	12-13	0	11	11	8	11	nw	Clyde T. Saylor.
Wilkes-Barre†‡	Luzerne	544	6	63.4	.....	90	2	35	24†	4.11	+0.64	1.63	13-14	0	8	3	17	10	sw.	Civil Aeronautics Authority
Williamsport†‡	Lycoming	550	58	64.9	+0.5	90	2	33	24	4.83	+1.79	1.35	4	0	12	12	5	13	w.	John D. McEwen.
Williamstown†‡	Dauphin	775	28	64.7[a]	0.0	92	2	33	24	5.70	+1.61	1.53	13-14	0	11	3	16	11	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	3	60 0	.....	84	2	37	24	1.89	.....	0. 47	27-28	0	14	6	6	18	w.	U. S. Weather Bureau.
York-3 SW†‡	York	390	56	68.6	+2.3	94	2†	41	24	4.07	+1.01	1.95	12-13	0	14	16	6	8	e.	York Water Co.
Division mean			....	**64.3**	.....	**100**	**2**	**28**	**24†**	**4.23**	.....	**3.90**	**12-13**	**0**	**12**	**11**	**8**	**11**	w.	
Ohio Drainage																				
Bradford-4 W.	McKean	1,680	27	59 2	−1.0	83	2	25	24	5.90	+1.77	2.52	4	0	16	3	9	18	w.	City Water Dept.
Brookville	Jefferson	1,400	53	59.6	−0.9	84	2	30	24	1.99	−1.22	0.87	28	0	8	4	12	14	w.	Civil Aeronautics Authority
Butler	Butler	1,077	30	62.7	−1.3	89	3	30	24	3.02	−0.13	0.90	31-1	0	9	14	11	5	nw	Butler Eagle.
Clarion†‡-3 SW	Clarion	1,114	34	61.0	.....	85	2†	33	24	3.06	−0.45	0.86	13	0	13	6	10	14	e.	Penna. Electric Co.
Claysville	Washington	1,170	40	62.2	−5.7	88	4	32	24	2.77	+0.32	0.89	28-29	0	10	14	6	10	nw.	Walter B. Paget.
Corry	Erie	1,410	29	60.1	−0.6	86	2	27	24	5.36	+1.43	1.92	27-28	0	12	14	3	13	nw	J. Fred Kinley.
Coudersport†‡	Potter	1,653	17	59.4	−0.4	84	2	25	24	5.09[5]	+2.04	0.96	4-5	0	14	4	18	8	sw.	Potter Enterprise.
Derry	Westmoreland	1,150	47	65.5	+0.1	87	3†	40	24	2.91	−0.23	0.81	11-12	0	10	11	11	8	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	61.3	.....	90	2	34	25	3.18	.....	1.03	11-12	0	13	8	17	5	w.	Penna. Turnpike Comm.
Donora†‡	Washington	761	18	67.1	−0.9	90	3†	42	24	1.67	−1.10	0.60	28	0	8	0	3	27	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	27	59.4	−1.8	81	2	35	24	3.35	−0.15	0 57	20-21	0	14	12	4	14	w	Miss. Emma H. Eastman.
Farrell	Mercer	855	31	62 4	−2.8	85	2†	32	24	2.84	+0.14	1.53	28	0	6	8	12	10	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	1	63.7	.....	87	11	34	24	3.45	.....	1 53	31-1	0	12	10	5	15	w.	U.S. Engineers.
Franklin	Venango	987	70	61.2	−1.5	87	3	33	24	2.34	−1.17	1.59	28	0	8	12	8	10	s.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	35	62.0	−3.4	88	4	32	24	2.63	−0.54	0.94	11-12	0	12	12	6	12	sw	Westmoreland Water Co.
Indiana	Indiana	1,300	43	64.3	−0.2	85	4	39	24	3.15	−0.67	0.94	12	0	14	10	16	4	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	61.5	.....	88	2	27	24	2.85	.....	0.93	27-28	0	12	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Johnstown-0.5 W	Cambria	1,650	62	62.8	−2.8	86	4	35	25	3 31	−0.21	0.84	28-29	0	13	13	10	7	s.	Robert Tross.
Kane-1 N.	McKean	1,750	29	57.1	.....	84	2	23	24	4.81	+1.12	1.40	4	0	15	10	2	18	w	Spring Water Co.
Meadville-1 S.	Crawford	1,065	50	61.1	−1.0	87	3	29	24	3.71	+0.09	1 65	27-28	0	10	8	13	9	nw	City of Meadville.
Midland	Beaver	780	8	64.4	.....	87	3	36	24	2.62	.....	0.96	4	0	7	10	13	7	se.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	64	63.6	−0.8	90	3	30	24	1.35	−1.76	0.38	31-1	0	8	10	16	4	se.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	64.6	−0.1	88	4	41	24	1.21	−1.37	0.41	28-29	0	9	8	14	8	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	61.8	.....	85	3	35	4	3.39	.....	1.44	31-1	0	11	7	11	12	w.	U.S. Engineers.
Ridgway	Elk	1,385	37	58.7	−1.3	86	3	29	24†	3.27	+0.08	1.34	27-28	0	14	9	7	14	s.	West Penn Power Co.
Somerset	Somerset	2,100	73	60.4	−0.4	85	4	32	24†	3.46	−0.07	0.88	13-14	0	12	4	13	13	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	59.0	−1.1	80	3†	35	25	3.80	+0.46	0.65	28	0	15	5	9	16	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	61.3	.....	86	2	30	24	3.05	.....	2.05	27-28	0	14	9	5	16	sw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	1	61.8	.....	86	2	27	24	3.35	.....	2.16	27-28	0	15	1	19	10	s.	Arthur M. Stokes.
Uniontown†‡	Fayette	1,040	56	67.0	+1.8	90	4	42	25	3. 47	+0.47	0.80	11-12	0	12	10	13	7	sw	William W. Marsteller.
Vandergrift†‡	Westmoreland	825	30	64.6	−0.7	88	2†	38	26	1.67[5]	−1.45	0.48	28	0	9	1	25	4	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	56	61.6	−0.6	85	2	31	24	6.04	+2.36	1.90	4	0	10	9	18	3	se.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	63.0	−2.9	87	4	35	24	3.11	−0.13	1.12	4	0	8	3	19	8	w.	Thomas S Knox.
Division mean				**62.0**	.....	**90**	**2†**	**23**	**24**	**3.25**	.....	**2.52**	**4**	**0**	**11**	**8**	**11**	**11**	w.	
Lake Drainage																				
Albion	Erie	900	....	.....	.....	88	2	.....	.....	5.01	.....	2.20	27-28	0	11	20	7	3	se.	Samuel D. Lewis
Erie	Erie	705	71	65.1	+1.5	84	4	42	24	4.51	+1.12	2.69	4	0	9	4	19	7	s.	U. S. Weather Bureau.
State mean			....	**63.4**	**−0.7**	**100**	**2**	**23**	**24**	**3.85**	**+0.45**	**3.90**	**12-13**	**0**	**12**	**10**	**9**	**11**	w.	

[See page 72 for explanation of reference marks.]

Daily Precipitation for September 1944

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike					.32								1.48	2.70	1.16				.04	.16		.12										
Hawley[2], 0.5 E	Wayne		.16			T.							.03	1.61	1.60	.83	T.			.06	.07		.21							47			6.45
Hollisterville[2]	Wayne	T.	.34		.01								.02	1.31	1.11	.25			.02	T.			.42						T.	.14			4.71
Lakeville[2], 1 N	Wayne		.39				T						.05	1.83	1.06	.90	.09	T.	.01	.07	.02	T.	.21						.01	.18			3.67
Matamoras[2]	Pike													1.09	2.36	1.27					.11		.28						.01	.11			4.75
Mount Pocono[3], 2 N	Monroe				T.	.06	T.						1.85	1.62	.29	.01			.04	.34	.02	.33	T.							40			5.51
Pleasant Mount[1, 5], 1 W	Wayne												.90	1.76	1.17					13		.90							18				4.74
Stroudsburg, 2 E	Monroe				.01	.02							.53	1.57	1.64	13			.01	.19	.01		.21							41			5.27
Tanners Falls[1, 5], 1 SE	Wayne												.85	1.20	1.40					.10		.85							.38				4.61
Wallenpaupack[2]	Pike		.06											1.44	1.84	.88	T.			.02	.09		.17							T.	.09			4.78
LEHIGH																																	4.59
Allentown Arpt[3], 4 NE	Lehigh	T	.03	T.	.33								1.09	2.34	.10	.01			.06	.27	T.	.27											
Allentown[2]	Lehigh		.02		.05	.21	T.						.16	2.05	1.59	.09			T.	.28	.09	T	.08						.13	T.			4.63
Bethlehem[1]	N'rthampton	.04			.24							.03	1.48	1.41	.11	.02			.01	.18		.08								.22			4.84
Blakeslee Corners[1, 5]	Monroe	.02			.09								1.09	2.88	.58	.02		.02	.04	.11		.20							18	.01	.01		3.80
Gouldsboro[2]	Wayne		.05		.03	.02							.10	1.33	1.93	.22				.03	.05	.38							.25				5.30
Lansford[2]	Carbon		.20	T.		.98							T.	1.88	2.22	.58				.15	.11		.06							.23			4.37
Mauch Chunk, 1 SW	Carbon		.04		.17	.31		T.					1.08	2.02	1.28	.21			T.	.28	.04	.02	.25	T.						.30			6.48
New Tripoli	Lehigh				.16	.04		T.					1.15	.99	.98	.15			T.	.23	T.	.55	.02						T	.30			6.00
Palmerton[1, 5]	Carbon	.02			.52		T.						.89	1.47	.58	.05			T.	.19	T.	.16							.24	.03			4.54
Zionsville, 1 SW	Lehigh	.04	.11		.20	.18							1.23	1.17	1.50	05			.03	.31	.02	.01	.51						.21	.01			4.10
SCHUYLKILL																													.32	.02	.07		5.77
Conshohocken	Montgomery		*		T.	T.							*	5.21	1.16	.16			*	.11													
Fredericksville[2], 1 S	Berks		.05		.19	.66							.40	3.15	1.40	.20			T.	.37	.08	T.	.72						.02		.03		6.69
Gratersford[2]	Montgomery		.38			.17							.18	2.48	1.45	.31				.02	.14	T.	.04							.16			7.38
Phoenixville[2], 1.5 SE	Chester		.18				T.						.81	1.87	2.05	.45				.02	.14	T.	.04							.46			5.63
Port Clinton[2]	Schuylkill		.08		.20	.09							.09	1.57	2.09	.45				.01	.09		.04							.17	.03		5.70
Pottstown[2], 0.5 S	Montgomery		.48			.20							.85	2.17	2.65	.17				.23			.72							.20			5.72
Pottsville[2]	Schuylkill		.42		.20	.08							.15	1.17	1.53	.25				.14	.05									.30			7.01
Reading[1, 5]	Berks	.01	.20		.70		T.						1.35	2.04	.34	.03				.21	.05	T.	.03						T	.49			4.58
Wernersville	Berks	.03	.52			.41							1.65	1.76	1.18	.04			.01	.25	.10	.43	.01						.19	.02	T		5.61
LOWER DELAWARE																													.14	.04	T.		6.57
Coatesville[6]	Chester	.05	.05										1.10	2.00	.64	.03			T.	.10	.02		.02						.05		.12		4.18
Doylestown	Bucks		.12		.15	.16		T.					.77	2.61	.82	.32			T.	.13	T.	T.	.01						.42	03	.05		5.59
George School	Bucks		.65		.11								1.91	3.21	1.58	.19			.01	.06		.01						T.	.30	.02	.02		8.07
Marcus Hook[2]	Delaware		.16					T.					.21	1.57	1.80	.81				.40	T.									T.	T.		4.95
Philadelphia Airport Station[1, 5]	Philadelphia	.11	.01					.01					1.49	2.80	1.17	.01			.04	.11									.03	.01	.03		5.82
City Office[1, 5]	Philadelphia	.06	.04		T.		T.	T.					1.84	3.10	.77	.05			.02	.07		T.							T.	.05	.08		6.08
Shawmont	Philadelphia		.32		T.								1.36	2.40	.85	.30			.03	.08		.02							T.	.06	.05		5.47
Quakertown, 0.5 E	Bucks		.11		.08	.19							1.22	3.34	.51	.15			.03	.20	.04	.02	.08						.46	.03	.10		6.56
West Chester	Chester	.06	.04										1.17	3.90	.83	.02			.05	.09		T.							.01	.03	.09		6.29
West Grove[2], 1.5 SE	Chester		.12										.68	3.22	2.70	.24				.13	T.		.02			T.				.09	.08		7.23
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.28			1.50	.11							.74	.02	.32	.02	.01	.02	.04	.03	.14	.02	.07	.02	.02		.02	.24	.22		.02		3.86
Centerville[2]	Bradford				.11	.10		.04						.78	.10	.59				.20		.05								.18			2.15
Covington[2]	Tioga	*	.11		.22	.16	.11						T.	.54	.44	.17				.09	.01		.06						*	.42			§2.33
Lawrenceville	Tioga	.08			.60	.18	.04	.26		T.			.56	.18	.26	.04				.10			.08						.20	.08			2.66
NORTH BRANCH																																	
Canton[2], 1 NW	Bradford		.08		.21	.20	.13						.29	.58	.08	.35				.24	.03		.13	.01					.02	.39			2.74
Danville[2]	Montour		.05		.12	.11							.12	1.35	1.03	1.02				.18	.02		.15						T.	.19			4.34
Freeland[2]	Luzerne	T.	.15		.20	.15							.15	1.36	1.54	.40				.20	.14	.03	.09	.03						.13			4.57
Millville[1, 5]	Columbia	.07			1.17								.66	1.25	.65	.02				.18		.12					.05	.26					4.43
Monroeton[2], 2 S	Bradford		.04		.14	.07	.05						.06	.61	31	1.83				.18	.02		.12	.02						.21			3.66
Montrose[2], 3 E	Susquehanna		.02			T.							.03	1.40	1.00	.56	.03			.12	22		.16						T.	.52			4.00
Orwell[2], 3 N	Bradford		.04			.02	.10						.07	.66	.38	.78				.33			.04						.01	.34			2.77
Park Place[3], 1 NW	Schuylkill	.21			1.14		T.						.71	1.05	.56	.04			.02	.22	.01	.05	T.						.33				4.34
Pikes Creek[1, 5]	Luzerne				.21								.71	1.88	.41					.30		.96					.03	.34	.03				4.87
Rush[2], 6 S	Susquehanna		.02			.03								.79	.27	.46	1.24			.10	.05		.39						.01	.34			3.70
Scranton[1, 5]	Lackawanna	.35			.03		T.						.52	1.42	.46	.04				.11	T.	.42							.06				3.41
Susquehanna[2]	Susquehanna	.01	T.				T.						.04	1.24	.46	.54	.02			T.	.16		.08							.27			2.82
Towanda, 1 E	Bradford	.04			.19	.13	.01	T.					.37	.35	1.05	.03				.23		.20	T.	.02					.08	.08			2.78
Tunkhannock[1, 5]	Wyoming				.10								.81	1.07	.28					.20		.46							.03				2.95
Wilkes-Barre[3]	Luzerne	.09			.07		T.						.81	1.63	.31	T.				.21		.91							.08				4.11
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.07	.03		.52	1.05	.07			.05			.24	.34	.11	.28				.06	.03	.04	.01						.30	.35			3.55
Bald Eagle[1, 5]	Blair	.32			.13							.05	.82	.03	.30			.02	.15	.23		.20						.40		.04		2.69
Carrolltown[2]	Cambria	.17	.37			.07		.02					.61	.05	.33	.34				.15	.04	.80	.17						.10	.42			3.64
Carter Camp[1, 5]	Potter	.17			1.00		.02	.02	.01				.70	.04	.33				.10	.12	.24	.02						.44	.58				3.79
Cedar Run[2]	Lycoming	.07	.11		.38	.54	.07	.04					34	.28	.21	.28				.12	.03		.28	.04					.37	.38			3.54
Clearfield[2]	Clearfield	.81	.36			.15		.12					.90	.09	.44	.31				.11		.72	.08						.22	.52			4.83
Curwensville[3] 6 NW	Clearfield	.65			.10	T.	.19		T.			.05	.90	.09	.22		T.		.36	.02	.44	.16	T.				T.	.61		.01		3.80
Driftwood[1, 5]	Cameron	.38			.37		.02						.65	.02	.20				.03	.07	.28	.25	.05				.29	.57				3.18
Dushore[1, 5]	Sullivan				.29								.58	.40	.91	.06				.11		.58							.25				3.18
Eagles Mere[2]	Sullivan		.27		.27	.92	.04			.03			.12	.73	.61	1.01	T.			.20	.03		.29						.13	.54			5.19
Emporium[2], 1 E	Cameron	.85	.07		.18	.51	*	.21			T.		.50	.23	.12	.36				.22		1.05	.24	.05					.54	.36			5.49
English Center[1, 5]	Lycoming	.10			.93							.03	.50	.17	.30				.01	.13		.08					.27	.36				2.88
Galeton	Potter	.18			1.51	.41	.01	.48		.01			.85	.03	.33					.13	.26	.02	T.	.02					1.05	.05			5.34
Karthaus[2]	Clearfield	.18	.99			.22		.04					.50	.15	.03	.45				.04	.04	.28	.28	.10					.05	.38			3.73
Lock Haven[2]	Clinton	.01	.18			.71	T.	.01					.64	.33	.14	.52				.22	.02		.09	.01					.35	.35			3.58
Medix Run[1, 5]	Elk	.41			.39		.04						.87	35	.30				13	.02	.24	.38					.12	.55				3.80
Philipsburg[3], 7 E	Centre	.41			.28	T.	.10		T.			.06	.60	.01	.64	01			.08	.20	.09	.15	.02						.65		T.		3.30
Renovo[2]	Clinton	.05	.36		.10	.36	T.	.06					.32	.30	.04	.36				.06		.04	.24						.36	.38			3.03
State College[1, 5]	Centre	.21			.23		.09					.01	.44	.10	.77	T.			.07	.13	T.	.28	.01						.26	T.	T.		2.60
Tamarack[2], 2 S	Clinton	.25	.13		.33	.60	.04	.06					.39	.44	.05	.43				.10	.05	.13	.23	.03					.36	.52			4.14
Wellsboro[2]	Tioga	.03	.10		.55	.68	.02	.03					.26	.53	.12	.38				.04			.04						.18	.28			3.24

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Stations	Counties	Day of month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																
Williamsport[2]	Lycoming	....	.22	....	.04	1.31	....	....	....	....	....	....	.15	.37	.25	1.32	....	....	....	.20	.02	....	.46	....	....	....	....	....	.25	.24	....	....	4 83
Williamsport[2], 4 SE	Lycoming	T.	.22	....	.34	.74	....	....	....	....	....	....	.26	.62	.32	.92	....	....	....	.34	....	....	.06	....	....	....	....	....	.21	.28	....	....	4.31
JUNIATA																																
Altoona, 4.5 W	Blair	.17	....	....	....	.07	....	....	....	....	....	.02	.57	.07	.46	....	....	....	.15	.51	.56	.18	.40	....	....	....	....	....	.38	....	.17	....	3.69
Breezewood[1], 0.5 E	Bedford	.30	.06	....	.01	....	.07	....	....	....	....	.02	.27	.12	.18	....	....	....	.25	.35	.02	.04	....	....	....	....	....	....	.25	.10	.63	....	2.67
Buffalo Mills[2]	Bedford	.04	.38	....	....	.36	.10	....	....	....	....	....	.35	.18	.37	.23	....	....	....	.82	.04	....	.03	....	....	....	....	....	....	.23	.20	....	3.33
Burnt Cabins[1], 2 NE	Fulton	1.03	....	....	T.	....	.02	....	....	....	T.	.38	.39	.13	....	....	....	.31	.19	.03	1.04	....	....	....	....	....	....	....	.16	.04	.40	....	4.12
East Waterford[2], 3 E	Juniata	T.	.40	....	....	.40	....	T.	....	....	....	....	.22	.57	.56	.15	....	....	T.	.30	.08	T.	.05	.02	....	....	....	....	....	.37	....	....	3.12
Everett[2], 0.5 SW	Bedford	.01	.36	....	....	.19	....	.09	....	....	....	....	.22	.21	.19	.04	....	....	....	.64	.11	....	.16	....	....	....	....	....	.39	T.	....	....	2.61
Huntingdon[2]	Huntingdon	.08	.18	....	....	.03	T.	....	....	....	....	....	.28	.08	.38	.39	....	....	....	.32	.10	.15	.06	....	....	....	....	....	.33	....	....	....	2.38
Lewistown[2], 2 SW	Mifflin	.03	.13	....	....	.02	....	....	....	....	....	....	.19	.25	.19	.01	....	....	....	.08	.03	.15	.05	T.	....	....	....	....	.24	....	....	....	1 35
Mapleton Depot[2]	Huntingdon	....	.21	....	....	.02	....	....	....	....	....	....	.19	.09	.25	.07	....	....	....	.19	.03	.07	.36	....	....	....	....	....	.28	....	....	....	1.76
Martinsburg[3]	Blair	.13	....	....	.03	....	.01	....	....	....	....	.09	.31	.07	.24	....	....	....	.20	.30	.30	25	....	....	....	....	....	....	.32	.02	.08	....	2.35
McConnellstown[2] 4NW	Huntingdon	.09	.22	....	....	.03	....	....	....	....	....	....	.33	.12	.12	.23	....	....	....	.36	.17	.04	.07	....	....	....	....	....	....	.43	....	....	2.21
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.15	....	....	.01	....	....	....	....	....	....	.04	.26	.03	.77	....	....	....	.17	.20	....	.29	....	....	....	....	....	....	.33	....	....	....	2.25
New Bloomfield	Perry	T.	.40	....	.02	....	....	....	....	....	....	....	.62	1.72	.36	.15	....	....	T.	.20	.02	.13	.02	....	....	....	....	....	.35	.02	....	....	4.01
Newport[2]	Perry	T.	T.	....	....	.13	....	....	....	....	....	....	.21	1.91	1.02	.29	....	....	....	.14	T.	T.	.09	....	....	....	....	....	....	.29	....	....	4.08
Saxton[2], 1 W	Bedford	....	.36	....	....	.11	....	....	....	....	....	....	.05	.14	.13	.20	....	....	....	.56	.11	.03	.15	....	....	....	....	....	....	.67	....	....	2.51
Shade Gap[1, 5], 0.5 SW	Huntingdon	.25	*	*	.04	....	....	....	....	....	....	.02	.49	.19	.12	....	....	....	.16	.24	.03	.05	....	....	....	....	....	....	.39	.01	.19	....	2.18
Shaver Creek[2]	Huntingdon	.02	.17	....	....	....	....	....	....	....	....	....	.26	.04	.55	.25	....	....	....	.34	.03	.14	.15	.02	....	....	....	....	....	.36	....	....	2.33
LWR SUSQUEHANNA																																
Arendtsville[2]	Adams	.03	.74	....	....	....	....	T.	....	....	....	....	.22	.83	.98	.15	....	....	.01	.33	.13	.02	.10	....	....	....	....	....	.28	....	....	....	3.82
Bloserville, 1.5 N	Cumberland	T.	.78	....	.75	T.	....	....	....	....	....	....	.62	1.25	.96	.04	....	....	.02	.29	.10	.23	.02	....	....	....	....	....	.17	T.	.08	....	5.31
Carlisle[6]	Cumberland	T.	.42	....	.20	T.	....	T.	....	....	....	....	.38	1.48	.46	....	....	....	T.	.11	.04	T.	.06	....	....	....	....	....	.10	.05	.03	....	3.33
Columbia	Lancaster	.19	T.	....	T.	....	....	....	....	....	....	....	.82	2 01	1.56	.04	....	....	.02	.13	.13	....	....	....	....	....	....	....	.30	.03	.22	....	5.45
Dauphin[2], 3 N	Dauphin	....	.76	....	....	....	....	T.	....	....	....	....	.12	.89	.93	.43	....	....	....	.15	.07	.02	.03	....	....	....	....	....	....	.41	....	....	3.81
Ephrata	Lancaster	.03	.75	....	....	....	....	....	....	....	....	....	.97	2.50	1.00	.05	....	....	....	.16	.03	....	.05	....	....	....	....	....	.30	.03	.02	....	5.89
Glen Rock[1, 5]	York	.20	....	....	.69	....	....	....	....	....	....	....	.31	1.49	.28	....	....	....	.14	.14	.65	.02	....	....	....	....	....	....	.07	....	.22	....	4.21
Gordon	Schuylkill	....	.40	....	.14	.02	....	....	....	....	....	....	.35	1.06	.88	.05	....	....	....	.25	T.	T.	.05	....	....	....	....	....	.30	.09	....	....	3.59
Grantville, 4 NW	Dauphin	.33	.68	....	....	.06	....	....	....	....	....	....	.39	1.87	.59	.04	....	....	T.	.10	.14	.62	....	T.	....	....	....	....	.26	.08	....	....	5.16
Hanover[2]	York	.25	.05	....	....	T.	....	T.	....	....	....	....	.10	.62	1.50	.33	....	....	T.	.10	.94	T.	.02	....	....	....	....	....	....	18	.02	....	4.11
Harrisburg Apt[1, 5], 3.5 S	Dauphin	1 14	.02	....	T.	....	T.	....	....	....	....	T.	.44	1.54	.24	.04	....	....	T.	.10	.94	T.	.02	....	....	....	....	....	.16	.02	T.	....	3.94
Holtwood[2]	Lancaster	.12	.02	....	....	....	....	T.	....	....	....	....	.61	.90	1.00	.24	....	....	....	.16	.03	.07	....	....	....	....	....	....	....	.14	T.	....	3.29
Huntsdale[2]	Cumberland	T.	.04	....	....	T.	....	T.	....	....	....	....	.23	.83	1.00	.63	....	....	....	.16	.03	.01	.35	....	....	....	....	....	....	.10	....	....	3.38
Kirkwood[1, 5], 1 SW	Lancaster	.05	....	....	T.	....	....	....	....	....	....	....	.49	2 41	.25	....	....	....	....	10	.02	....	....	....	....	....	....	....	02	....	.09	....	3.43
Lancaster	Lancaster	.10	.53	....	....	....	....	....	....	....	....	....	.87	1.88	.43	.11	....	....	.02	.14	.07	....	.12	....	....	....	....	....	.29	.03	.12	....	4.77
Lebanon[2]	Lebanon	....	1.10	....	....	T.	....	T.	....	....	....	....	.21	.88	2.41	.21	....	....	.16	....	.04	.03	1 20	....	....	....	....	....	....	.14	....	....	6.38
Middletown[1], 1.5 W	Dauphin	.65	.57	....	T.	....	T.	....	....	....	....	.02	.74	1.61	.48	.01	....	....	T.	.20	T.	.01	....	....	....	....	....	....	.10	T.	T.	....	4 39
Millersburg[1, 5], 2 E	Dauphin	.03	....	....	.80	....	....	....	....	....	....	....	.70	1.61	.67	....	....	*	*	*	*	*	*	.43	....	....	....	....	.30	....	....	....	4 54
Milroy[2], 5 N	Mifflin	T.	.08	....	T.	.21	....	T.	....	....	....	....	.12	.10	.08	.03	....	....	....	.26	.03	.02	.14	....	....	....	....	....	T.	.32	....	....	1.42
Newburg[1], 3.5 NW	Cumberland	1.02	.14	....	.22	....	.02	....	....	....	....	.03	.65	.88	.12	....	....	....	.09	.24	.02	.56	....	....	....	....	....	....	.22	.04	.18	....	4.43
New Park	York	.10	....	....	.30	....	....	....	....	....	....	....	.81	1.74	.38	....	....	....	.33	.01	.03	....	....	....	....	....	....	....	.05	.07	.21	....	4.03
Pine Grove[2], 1.5 NE	Schuylkill	....	.06	....	....	.68	....	T.	....	....	....	....	.14	1.29	1.34	.26	....	....	....	.15	T.	.05	.10	....	....	....	....	....	....	.34	....	....	4.41
Ringtown[2], 1.5 SW	Schuylkill	....	03	....	.51	.45	....	....	....	....	....	....	....	.71	1.29	.13	....	....	....	.15	.09	....	.01	....	....	....	....	....	....	.28	....	....	3.64
Selinsgrove	Snyder	T.	....	....	*	.18	....	....	....	....	....	....	.40	2.00	2.12	....	....	....	....	.15	.03	.02	T.	....	....	....	....	....	.07	....	.10	....	4.97
Shamokin[2]	N'umberland	....	....	....	T.	.13	....	....	....	....	....	....	22	.55	.94	.22	....	....	....	.09	....	....	.01	....	....	....	....	....	.10	.01	.22	....	2.26
Shippensburg	Cumberland	T.	T.	....	.10	....	....	T.	....	....	....	....	.44	1.04	.42	.09	....	....	.09	.15	....	....	31	....	....	....	....	....	.10	.01	.22	....	2.97
Sunbury[2]	N'umberland	T.	.01	....	T.	.20	....	T.	....	....	....	....	.05	1.30	1.36	.28	....	....	....	.05	.16	T.	T.	....	....	....	....	....	.12	.13	....	....	3 66
Williamstown[2]	Dauphin	....	1.10	....	....	.84	....	....	....	....	....	....	.15	.72	1.53	.46	....	....	....	.18	.05	.05	.09	T.	....	....	....	....	....	.53	....	....	5.70
Woodward[3], 2 NE	Centre	.23	....	....	.26	T.	T.	....	....	....	....	.02	.44	.06	.03	.01	....	....	.08	.04	.01	.19	.03	....	....	....	....	.09	.40	....	....	....	1 89
York, 3 SW	York	.19	.10	....	.18	....	....	....	....	....	....	....	.19	1.95	.37	.02	....	....	.02	.15	.37	....	.02	....	....	....	....	....	.12	.04	.35	....	4.07
York Haven[2]	York	....	.08	....	....	....	....	....	....	....	....	....	.18	.64	1.90	.12	....	....	....	.06	.10	T	.16	....	....	....	....	....	....	.11	....	....	3.35
Potomac Basin																																
Chambersburg[2], 1 SW	Franklin	.02	.07	....	....	....	....	T.	....	....	....	....	.22	.60	.94	.07	....	....	....	.28	.08	....	.05	....	....	.01	....	....	....	.18	....	....	2.52
Gettysburg	Adams	.13	.18	....	....	....	....	T.	....	....	....	....	.23	2.19	.08	.27	....	....	.02	.15	.11	....	.12	....	....	T.	....	....	.25	.01	.28	....	4.02
Hewitt, 2 SW	Bedford	.09	....	....	....	.02	.06	....	....	....	....	....	.25	.14	.15	.07	....	....	.25	.27	....	....	....	....	....	....	....	....	.23	.08	.60	....	2.21
Hyndman[2]	Bedford	T.	.68	....	....	.06	....	.20	....	....	....	....	.29	.22	.36	.04	....	....	....	.84	T.	....	T.	....	.08	....	....	....	T.	.10	.19	....	3.06
McConnellsburg[2]	Fulton	T.	.10	....	....	.20	....	.15	....	....	....	....	T.	.58	.53	.07	....	....	....	.23	.16	....	T.	....	....	....	....	....	....	.18	T.	....	2.20
Mercersburg[2]	Franklin	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
South Mt. San't'm[2]	Franklin	.04	1.01	....	....	....	....	.02	....	....	....	....	.30	.45	.98	.17	....	....	....	.50	.02	....	.05	....	....	....	....	....	....	.40	.02	....	3.96
GULF DRAINAGE																																
Ohio Basin																																
ALLEGHENY																																
Acmetonia[2]	Allegheny	.25	.27	....	....	.01	....	.15	....	....	....	....	.24	.04	.12	.01	....	....	....	....	....	.52	.09	....	....	....	....	....	.12	.72	....	....	2.54
Allens Mills[1, 5]	Jefferson	.95	....	....	....	....	.02	.02	....	....	....	....	....	....	....	....	....	....	....	....	.53	.07	....	....	....	....	....	....	.79	....	....	....	§§
Blairsville[2], 6 NE	Indiana	T.	.46	....	....	04	....	T.	....	....	....	....	.67	.13	.06	.08	....	....	....	.16	....	.19	.55	....	....	....	....	....	.04	.48	....	....	2.86
Boswell[2], 6 NW	Somerset	.23	.24	....	....	.08	....	....	....	....	....	....	.78	.02	.38	.26	....	....	....	.42	T.	.04	.27	....	....	....	....	....	....	1.46	....	....	4.18
Bradford, 4 W	McKean	.08	....	....	2.52	.82	.05	.05	.04	.03	....	....	.08	.36	.10	.04	....	....	....	....	.08	T.	.06	.14	....	....	....	T.	1.20	.25	....	....	5.90
Brookville[3]	Jefferson	.24	....	....	....	T.	.04	....	T.	....	....	T.	.23	.34	.08	T.	....	....	T.	....	T.	.18	T.	....	....	....	....	....	.87	....	.01	....	1.99
Buckstown[1, 5]	Somerset	.23	....	....	.05	.05	....	....	....	....	....	.04	.39	....	.47	....	....	....	.11	.17	....	.51	....	....	....	....	....	....	.46	.07	.28	....	2 83
Clarion[2], 3 SW	Clarion	.72	.04	....	....	....	.02	.06	....	....	....	....	.02	.10	.86	T.	.04	....	....	....	....	.35	....	.05	....	....	....	....	.21	.59	....	....	3.06
Corry	Erie	.16	....	....	1.43	.16	.07	.22	....	....	....	....	T.	.15	.02	T.	....	....	....	....	....	1.06	T.	.13	....	....	....	.04	1.87	.05	....	....	5 36
Coudersport	Potter	.64	.02	....	.95	.96	....	T.	.03	....	....	....	*	.61	.41	....	....	....	....	....	*	.49	.03	....	.05	....	....	....	*	.90	....	....	§5.09
Derry	W'moreland	.44	....	....	.03	T.	....	....	....	....	....	....	.81	.28	.07	....	....	....	.10	....	....	42	.11	....	....	....	....	....	.30	.35	T.	....	2.91
Donegal[1]	W'moreland	.33	....	....	.04	.12	....	....	....	....	....	.05	1.03	.14	.09	....	....	....	.20	.12	....	.02	....	....	....	....	....	....	.74	.15	.15	....	3.18
Dunlo[1, 5], 0.5 SW	Cambria	.22	....	....	....	....	....	....	....	....	....	.07	.39	.01	.45	....	....	....	.13	.14	.09	.28	....	....	....	....	....	....	.81	.09	....	....	§2.68
Ebensburg[2]	Cambria	.23	.31	....	....	.07	.01	....	....	....	....	....	.56	T.	.52	.15	.02	....	....	.12	.05	.57	20	....	....	....	....	....	.05	.49	....	....	3.35
Ford City[2], 4 S	Armstrong	1.14	.39	....	....	.05	....	.45	....	....	....	....	.28	.02	.03	T.	....	....	....	.09	....	.08	.22	....	....	....	....	....	.05	.65	....	....	3.45
Franklin[2]	Venango	.16	T.	....	....	.03	T.	....	....	....	....	....	T.	....	....	.02	....	....	....	....	....	.24	.25	.05	....	....	....	....	.56	1.03	....	....	2.34
Glen Hazel[2], 1 NE	Elk	.48	.01	....	.02	.43	.03	....	....	....	....	....	.16	.03	.09	.10	.02	....	....	.07	.49	.09	.04	.05	....	....	....	....	1.16	.93	....	....	4 20
Homer[1, 5]	Indiana	.39	....	....	.02	....	.20	....	....	....	....	.02	.77	....	.15	....	....	....	.02	....	.11	.04	....	....	....	....	....	....	1.01	.04	.01	....	§2.78
Indiana	Indiana	.48	.19	....	....	.06	....	.18	....	....	....	....	.94	.11	.08	.06	....	....	.03	.05	....	....	.34	....	....	....	....	....	.33	.28	.02	....	3.15
Johnstown[6], 0.5 W	Cambria	.21	.05	....	.04	....	....	....	....	....	....	....	.74	.35	.38	....	....	....	.17	.20	.06	.21	....	....	....	....	....	....	.32	.52	.06	....	3.31
Kane[1], 1 N	McKean	.02	....	....	1.46	.12	.07	.01	.05	T.	....	....	.11	.90	.10	....	....	....	T.	.01	.05	.03	.08	....	....	....	....	.73	1.07	....	....	....	4.81
Kregar[1], 4.5 SE	W'moreland	.21	....	....	.20	.16	....	....	....	....	T.	....	.72	....	.45	....	....	....	.41	.06	....	T.	....	....	....	....	....	....	1.10	.40	.10	....	3.81
Lycippus, 1.5 E	W'moreland	.36	....	....	T.	.15	T.	....	....	....	....	....	.76	.30	.11	T.	....	....	.06	.13	T.	T.	....	....	....	....	....	....	.51	.61	T.	....	2.99
Marienville[1, 5]	Forest	....	....	....	....	....	....	....	....	....	....	....	.16	.88	....	....	....	....	....	....	.15	.11	.02	....	....	....	....	.14	1.53	....	....	....	2.99
Meadville[2], 1 S	Crawford	.49	....	....	....	.04	.02	.14	....	T.	....	....	....	.31	....	....	....	....	....	....	.29	.04	.05	....	....	....	....	....	1.65	.68	....	....	3.71
Mosgrove[2]	Armstrong	1.63	.10	....	....	T.	....	.03	....	....	....	....	.11	.05	.12	.05	....	....	.03	....	.13	.01	....	....	....	....	....	....	.13	.51	....	....	2.90
Parkers Landing[2]	Armstrong	.59	.04	....	....	.02	....	....	....	....	....	....	.03	.05	.37	.02	....	....	....	....	....	1.02	....	....	....	....	....	....	.19	.65	....	....	2.98
Pittsburgh Cty Of[1, 5]	Allegheny	.32	....	....	.21	....	.21	....	....	....	....	.02	.14	.13	....	....	....	....	T.	....	.05	.30	....	....	....	....	....	....	.52	.01	T.	....	1.91
Port Allegany[2]	McKean	.17	T.	....	.27	1.29	.13	.04	.02	.02	....	....	.04	.13	.12	.14	....	....	....	.10	T.	.24	T.	.03	....	....	....	....	.65	.51	....	....	3.90
Punxsutawney[2]	Jefferson	.94	.15	....	....	....	....	.21	....	....	....	....	.78	.02	T.	.10	T.	....	....	.05	T.	.67	.33	T.	....	....	....	....	.13	.65	....	....	4.03

Continued on page 69.

Daily Precipitation for September 1944—Continued from Page 68

Stations	Counties	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong	1.28	.16			T.	T.	.15					.29	.07	.58	.04						.04	.02						.22	.54			3.39
Ridgway[2]	Elk	.60	.02		.03	.01	.04						.13	.10	.10	.07				.05		.36	.42						.61	.73			3.27
Saltsburg[2]	Indiana	.36	.37		.02		.18						.68	.10	.02	.03				.12		.03	.26						.02	.54			2.68
Seward[2]	Indiana	.24	.35		.36								.77	.26	.18	.15				.07	.05	.30	.76							.52			4.01
Sheffield[1, 5, 6 W	Warren			1.12	.06	.07	.01						.08	.62							.04	.12	.09					.75	.93			3.89
Smethport[1, 5, 1 SW	McKean			1.74	.02								.14	.22	.12				.05		.68		.05					.57	.73			4.32
Stroudstown[1, 5]	Indiana	.50		.07							.04	.93			.18				.02			1.02							.86	.01			3.63
Tionesta[2], 1.5 SE	Forest	.15	.02		.05	.04	.01		.01			.02	.03	.11	.01				T.		.42	.13	T.						.93	1.12			3.05
Titusville, 2 S	Crawford	.23	.01	.22	.05	.06	.21	.05	T.			.04		.01	.01						.07	.20	.03						1.90	.26			3.35
Union City[1, 5]	Erie			.42	.18	.39	.01					.22			.03						.18		.11										3.17
Vandergrift[1]	W'moreland	.45		.03		.05						T.	.33		T.					.01	.03	.27	.02						1.10	.63			§1.67
Warren[2]	Warren	.15			1.90	.10	.60							.10	.16		T.				.03	.70		.60				.64	1.22			6.04
Youngsville[1, 5]	Warren			2.26	.09	.21															.76		.48										§5.61
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.22	.41		.07		.01						.65	T.	.15	.43				.23		.06							.64	.23			3.10
Connellsville[2]	Fayette	.57	.36		.16	T.							.62	.39	T.	.08				.05			.18						1.06	.05			3.52
Donora[1]	Washington	.25		.21								T.	.49		.04				.01	T.	.03							.60	.01	T		1.67
Greensboro[2]	Greene	.44	.67		.83		.01						.95	.83		.02				.02		.02	T.					T.	.63	.06		4.48
Greensburg, 2 S	W'moreland	.40	.02		.02								.94	.19	.04				.08	.02	T.	.02	.10					.30	.50			2.63
Irwin	W'moreland	.40	.02	T.		.04							.47	.12	.03				.01		.02	.45						.26	.31	T		2.14
Meyersdale[2]	Somerset	.14	.43		.16		.16						.43	.10	.45	.03				.13	.09	.01	.15		.01				.55	.20			3.04
Murrysville[1, 5]	W'moreland	.33										.03	.33		.01						.07	.42						.51	.02			1.72
Newell[2]	Fayette	.74	.06		.68								.83	.08	.06		.02				.12	.24						.25	.74			3.82
Pittsburgh Arpt.[1, 5]	Allegheny	.24		.28		T.							.18	03	.01				T.		.03	T.						.39	.02	T.		1.21
Rices Landing[2]	Greene	.53	.29		.91		.10						.90	01		.01				T.		.06						T.	.91	T		3.72
Somerset	Somerset	.29	.21		.10								.62		.88	.05			.19	.12			.08					.42	.26	.24		3.46
Springs, 1 SW	Somerset	.43	.08	.27	.18	.21							.62	.01	.33	T.			.20	.19	.03				.03			.48	.17	.57		3.80
Uniontown	Fayette	.47	.10	.01	.29	T.							.80	.65	.01				T.		T.	.02	.08					.67	.31	.03		3.47
Waynesburg	Greene	.24	.08		1.12								.52	.17							.36							.27	.35			3.11
BEAVER																																	
Beaver Falls[2]	Beaver	.40	.03		.24		.06						T.	.01								.51						.01	.49			1.75
Butler	Butler	.90			T.		.12						.07	.53	.02						.10	.47						.46	.35			3.02
Farrell[2]	Mercer	.66					.19							.44								.02						.78	.75			2.84
Greenville	Mercer	.03		.07	.01	T.	.33							.64		T.					.09	.24	.09	.01				1.25	.07			2.83
Jamestown[2], 2 NW	Mercer	.28	T.		.02	.01	.31		.02				T.	.53	.01	T.						.14	.03	.03				.93	.51			2.85
Mercer Arpt.[3], 2.5 NE	Lawrence	T.		T.	T.	.04					T.	.11				T.					.34	.16	.01				.33	1.41			2.40
New Castle, 1.5 N	Crawford	.10	.28				.20	T.				T.	.16								.03	.08	T					.37	.13			1.35
Pennline, [2] 1 S		.25			.77	.01	.23						.30	.06		.04					.09	.05	.03					1.10	.54			3.47
OHIO																																	
Claysville[2]	Washington	.13	.25		.25								.11	.04	.05							.87	.18					.08	.81			2.77
Coraopolis[2], 1 E	Allegheny	2.06	.31		.34								.04	.02	.31							.38						.12	.48			4.06
Midland[2]	Beaver	.53	.06		.96								.04									.38		T.				.02	.63			2.62
Mt. Lebanon[6]	Allegheny	.36		.55	.12	T.							.15	.09	T.				T.		.08	T.						.44	.10			1.89
Washington[1, 5]	Washington	.23		1.40							.05	.21	.18								.04	.26						.70				§3.07
LAKE DRAINAGE																																	
Albion[2]	Erie	.27			.61	.02	.78					T.	.18			.03						.19	.08	.31				2.20	.34			5.01
Erie[1, 5]	Erie			2.69	.10	.72		.04				.08	.01								T.	.03						.29	.55			4.51
Raymond[1, 5]	Potter	.38		2.25			.02	.02				.62	.12	.34					.06	.06	.31	.04	.09					.34	.63			5.28

[See page 72 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jamestown[2], 2 NW	Evaporation	.004	.168	.200	.120	.106	.052	.106	.154	.028	.128	.140	.190	.066	.082	.124	.076	.126	.106	.128	.098	.052	.130	.096	.062	.100	.086	.120	.064	.044	.162	...	3.118
	Wind movement	32	30	24	25	36	20	26	37	13	17	21	52	37	11	45	10	26	14	18	10	26	33	13	31	26	14	23	33	43	67	....	813
Shaver Creek[2]	Evaporation	.032	.060	.238	.150	.....	.180	.164	.212	.104	.080	.152	.194	*.016*	.000	.072	.132	.110	.126	.010	.004	.038	.166	.118	.136	.122	.138	.066	.116	.010	.166	....	3.186
	Wind movement	5	0	46	4	5	40	41	59	48	2	3	18	3	0	17	17	21	4	3	0	1	14	44	7	5	5	17	4	19	35	....	487
Wallenpaupack[2]	Evaporation	.132	.034	.287	.193	.096	.160	.160	.267	.037	.081	.112	.113	.065	.....	.035	.124	.117	.083	.019	*.003*	.051	.140	.165	.139	.095	.088	.128	.075	.035	.100	....	3.236
	Wind movement	42	59	125	56	42	94	77	199	38	11	32	23	42	18	62	42	30	22	14	6	32	87	123	52	26	118	48	69	123	60	....	1772

Italics mean minus quantity. [See page 72 for explanation of other references.]

Daily Temperatures for September 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	83	88	85	85	75	77	64	63	70	82	82	72	81	75	79	74	83	80	85	83	80	70	59	65	67	74	78	74	63	66	....	75.4
	Minimum	67	68	69	69	65	58	57	62	56	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	55	48	39	....	§§
Allentown Arpt.[3-4] NE..	Maximum	84	94	92	81	84	84	77	72	70	81	80	64	70	77	84	81	80	69	68	77	79	72	64	65	66	75	78	70	66	60	....	75.5
	Minimum	66	67	66	59	62	60	64	49	54	46	49	57	60	68	64	58	56	60	61	61	61	54	46	43	38	42	49	58	45	44	....	55.6
Allentown /.	Maximum	83	93	92	82	84	84	76	71	70	81	81	65	74	77	83	81	80	70	69	76	78	72	63	66	66	76	78	71	67	60	....	75.6
	Minimum	63	66	64	64	62	61	64	50	50	44	46	53	58	63	65	59	56	60	61	62	56	51	44	40	40	44	51	57	45	....	....	55.3
Altoona-4.5 SW	Maximum	76	87	85	83	77	79	73	62	73	79	76	71	67	71	75	74	77	72	67	77	79	75	68	63	67	75	79	68	67	61	....	73.4
	Minimum	61	59	66	64	58	59	53	48	42	43	46	51	59	62	59	51	49	56	61	64	60	49	44	33	39	43	48	56	49	41	....	52.3
Arendtsville[6]	Maximum	81	92	90	91	86	81	72	75	78	80	77	65	70	76	81	80	80	69	69	78	83	73	62	66	66	77	79	69	68	56	....	75.7
	Minimum	64	61	62	66	64	57	54	46	51	47	50	59	64	66	60	54	57	66	64	66	67	54	51	43	47	43	49	57	53	50	....	56.5
Bethlehem[1]	Maximum	83	92	90	82	81	82	74	68	68	80	77	61	67	73	82	79	77	67	66	73	76	70	61	64	65	75	76	68	65	57	....	73.3
	Minimum	68	66	71	60	64	62	57	52	55	46	50	56	58	66	64	60	58	60	60	63	63	54	47	43	39	44	51	60	55	43	....	56.5
Bradford-4 W	Maximum	72	83	82	80	69	72	68	59	68	76	74	73	67	70	72	72	77	76	71	79	78	73	55	64	65	71	71	68	63	65	....	71.1
	Minimum	60	56	54	56	55	51	47	33	50	35	35	45	58	59	49	51	45	54	62	64	58	43	34	25	37	33	36	55	42	36	....	47.3
Brookville[3]	Maximum	69	84	83	77	71	74	62	59	70	78	75	64	76	72	73	71	77	70	75	75	79	64	58	65	67	74	75	65	66	53	....	70.7
	Minimum	64	58	56	62	57	58	48	44	42	38	43	52	59	59	51	48	44	56	59	55	48	44	34	30	37	32	41	53	41	39	....	48.4
Burnt Cabins[1-2] NE....	Maximum	82	92	92	95	86	87	73	74	78	82	80	65	68	73	83	80	80	68	70	80	85	71	64	67	68	79	82	72	71	53	....	76.7
	Minimum	64	62	55	65	62	56	51	51	44	42	47	59	62	64	58	48	48	62	65	66	61	49	46	37	47	41	44	58	48	46	....	53.6
Butler	Maximum	73	78	89	87	80	75	76	65	69	83	81	78	73	78	73	73	81	81	81	84	77	79	70	65	67	76	77	80	66	66	....	76.0
	Minimum	64	60	63	60	59	54	51	43	42	39	40	55	63	53	55	47	46	50	56	55	56	50	37	30	36	34	42	51	47	45	....	49.4
Canton /-1 NW	Maximum	80	86	84	81	75	77	67	63	64	79	79	62	71	72	78	76	78	71	69	76	80	66	56	64	64	74	75	64	54	66	....	71.7
	Minimum	56	60	60	57	52	54	54	42	43	42	44	45	50	56	61	53	52	51	55	60	63	46	38	31	31	44	14	49	45	34	....	49.1
Carlisle[6]	Maximum	83	91	90	85	85	82	75	74	73	78	80	74	70	74	80	78	80	70	70	77	82	75	70	64	66	75	78	75	68	60	....	76.1
	Minimum	63	65	58	63	61	59	59	46	52	42	52	51	60	65	60	53	50	60	62	64	65	60	47	38	43	39	45	56	51	43	....	54.4
Chambersburg[6-1] SW...	Maximum	80	90	89	91	87	82	72	72	77	80	79	68	69	78	80	80	80	70	73	79	83	72	64	66	64	75	79	69	75	55	....	75.9
	Minimum	65	67	60	67	65	58	60	47	47	45	49	57	61	61	60	53	58	60	63	66	63	53	48	41	46	43	43	59	52	47	....	55.5
Clarion[6-3] SW	Maximum	70	85	85	78	73	75	65	59	72	80	77	69	75	72	74	73	78	72	80	76	80	66	58	59	69	75	79	67	67	55	....	72.1
	Minimum	62	57	56	62	56	57	50	39	43	41	46	53	61	58	55	48	47	54	60	57	57	49	36	33	39	37	42	59	41	41	....	49.9
Claysville /.	Maximum	77	84	86	88	75	77	65	63	74	82	77	77	78	70	73	78	82	76	85	80	80	68	60	66	69	75	78	68	66	69	60	74.6
	Minimum	64	63	60	63	60	52	50	37	37	43	48	48	55	51	51	45	47	58	66	61	63	48	46	32	33	40	41	47	50	48	....	49.9
Coatesville[6]	Maximum	87	92	92	87	88	85	78	74	72	80	80	69	80	77	84	82	82	76	71	77	83	75	61	68	71	75	78	80	69	58	....	77.7
	Minimum	66	69	69	70	70	60	64	51	50	48	49	59	66	69	65	59	58	62	62	65	66	57	51	45	38	46	51	51	55	49	....	58.0
Columbia	Maximum	85	95	93	91	90	86	79	78	76	83	81	68	70	76	86	83	83	70	78	81	87	77	70	71	70	80	82	74	72	68	....	79.4
	Minimum	54	70	59	65	64	60	62	50	49	45	49	54	56	67	62	57	58	62	63	65	65	55	47	46	40	43	48	59	52	48	....	55.8
Corry	Maximum	80	86	85	82	66	74	69	58	71	78	77	72	78	74	72	73	79	74	81	80	80	71	55	65	66	72	72	67	58	65	....	72.7
	Minimum	60	60	54	59	58	55	50	46	51	37	41	53	59	55	51	48	47	56	59	57	52	46	35	27	30	33	38	54	40	35	....	48.2
Coudersport	Maximum	69	84	82	81	72	73	69	62	67	78	76	74	70	77	68	74	78	70	69	77	80	76	60	64	66	73	74	69	64	66	....	72.1
	Minimum	60	56	52	57	55	50	50	42	48	36	39	48	57	60	55	50	46	50	59	61	56	39	32	25	30	32	39	54	34	31	....	46.8
Curwensville[3-6] NW....	Maximum	68	79	80	70	67	69	58	54	65	75	72	57	68	66	69	66	73	64	66	73	77	59	55	60	63	69	72	61	62	49	....	66.2
	Minimum	62	61	62	61	58	54	42	42	47	46	48	49	57	58	49	48	52	57	60	62	47	43	37	35	40	40	47	51	39	38	....	49.7
Derry	Maximum	80	82	87	87	75	77	71	58	73	84	80	76	81	71	75	75	82	72	78	83	80	75	62	67	72	76	78	70	69	68	....	75.5
	Minimum	65	65	68	67	64	59	53	45	45	54	51	55	63	62	58	59	50	62	65	75	78	65	60	62	67	71	75	64	68	54	....	55.5
Donegal[1]	Maximum	74	90	82	85	73	76	64	59	70	80	73	72	78	70	72	73	78	65	75	78	78	65	60	62	64	68	71	64	68	54	....	71.7
	Minimum	64	57	58	62	60	53	52	39	37	44	50	52	59	58	54	46	50	58	62	56	58	46	42	38	34	37	43	59	50	48	....	50.9
Donora[1]	Maximum	81	86	90	90	79	79	69	66	75	83	81	79	81	76	76	79	84	80	83	80	83	73	63	63	69	72	79	82	69	71	....	77.3
	Minimum	66	64	66	69	65	58	54	46	47	48	50	59	67	63	60	54	54	59	66	63	67	53	50	42	48	47	53	64	53	53	....	62.1
Eagles Mere /.	Maximum	75	85	85	80	76	77	75	67	60	78	76	64	74	75	78	75	78	74	74	78	81	66	60	64	60	67	76	65	50	54	....	70.3
	Minimum	59	61	60	57	56	53	53	42	42	47	47	49	50	61	59	53	52	52	55	58	60	41	38	35	35	44	45	51	44	38	....	49.9
East Waterford-3 E.....	Maximum	74	84	80	79	75	76	62	65	66	75	72	65	64	68	74	72	72	67	63	68	75	69	58	59	60	71	73	66	62	49	....	68.8
	Minimum	66	63	67	64	62	58	55	48	51	53	53	53	57	62	59	55	60	55	60	62	63	52	44	40	46	49	59	60	49	42	....	55.6
Ebensburg /.	Maximum	77	81	79	80	72	75	61	55	69	79	76	62	80	67	70	70	78	63	72	77	78	60	56	65	67	70	76	64	64	51	....	69.8
	Minimum	54	59	59	62	55	57	50	40	38	42	46	50	54	60	55	49	47	48	58	60	56	48	42	35	36	37	40	46	46	41	....	49.0
Emporium /-1 E.	Maximum	69	86	86	82	....	76	66	61	70	80	77	62	74	73	76	76	80	69	74	79	82	68	59	66	70	76	78	67	....	....	....	73.4[c]
	Minimum	53	59	56	57	56	54	52	39	46	42	45	47	52	60	56	51	50	52	55	62	59	46	38	30	31	38	39	46	44	....	....	48.8[a]
Ephrata	Maximum	83	92	92	86	85	86	81	77	73	81	80	74	73	76	85	82	81	71	74	76	83	76	66	69	69	77	79	73	70	69	....	78.0
	Minimum	67	67	61	65	65	60	62	50	50	46	50	59	67	68	63	57	56	57	63	64	67	56	51	43	43	44	50	60	59	49	....	57.3
Erie[1]	Maximum	83	82	81	84	70	73	65	60	67	77	81	70	75	76	69	71	82	78	81	83	78	66	56	63	65	71	75	67	55	67	....	72.4
	Minimum	65	67	69	65	64	60	56	55	57	54	60	58	64	60	62	59	59	63	65	66	63	54	45	42	45	55	58	54	47	43	....	57.8
Everett[1-0.5] SW.....	Maximum	77	89	88	89	81	83	68	68	75	80	78	66	70	74	79	78	81	66	72	82	82	70	63	61	69	77	81	69	80	56	....	75.1
	Minimum	65	61	57	61	64	60	45	44	42	40	44	56	62	62	54	49	49	58	63	64	58	50	48	37	40	40	42	54	51	42	....	52.1
Farrell	Maximum	70	85	85	84	78	73	72	62	69	80	80	77	69	75	75	72	78	78	82	82	78	77	63	63	66	74	80	79	62	58	....	74.2
	Minimum	61	61	64	65	61	54	47	44	42	40	49	56	59	54	55	47	47	56	55	62	60	51	40	32	33	38	45	60	41	42	....	50.6
Ford City-4 S	Maximum	76	86	86	86	78	76	76	68	74	82	87	79	77	79	76	76	80	81	78	84	79	81	69	67	69	76	80	80	69	69	....	77.5
	Minimum	61	60	58	62	58	55	50	41	43	43	44	53	61	59	55	48	49	50	56	55	56	47	39	34	38	37	42	53	45	45	....	49.9
Franklin /.	Maximum	73	86	87	86	73	72	65	60	73	80	78	69	78	79	75	75	76	78	79	80	81	79	81	66	59	66	70	76	78	66	67	73.9
	Minimum	53	58	59	60	58	57	52	42	42	41	42	49	55	55	55	51	48	48	54	57	58	52	40	33	34	38	38	45	47	38	....	48.6
Fredericksville-1 S.	Maximum	81	90	91	81	82	80	72	71	68	78	78	70	70	75	81	79	78	70	68	74	76	70	66	62	64	73	76	70	65	58	....	73.9
	Minimum	61	63	57	60	62	56	56	41	48	42	47	55	62	67	63	55	55	60	60	64	69	75	70	64	60	61	68	72	68	62	55	53.1
Freeland	Maximum	80	84	82	78	74	77	68	62	60	77	74	70	65	70	78	74	74	66	64	69	75	70	64	60	61	68	72	68	62	55	....	70.0
	Minimum	63	63	64	55	60	55	55	44	51	46	51	49	57	64	60	54	57	54	57	60	63	48	40	37	42	45	58	56	45	38	....	52.9
George School	Maximum	87	91	93	83	88	85	80	74	75	82	83	68	75	76	83	82	80	70	69	80	78	77	66	67	69	76	77	77	71	61	....	77.4
	Minimum	67	67	64	62	66	61	63	51	50	48	48	60	66	67	66	61	61	64	64	65	66	59	49	47	40	44	52	58	60	50	....	58.2
Gettysburg	Maximum	82	91	91	93	88	85	81	76	74	79	78	75	72	77	80	79	80	78	70	77	80	77	71	65	64	75	77	76	68	65	....	77.5
	Minimum	67	68	64	69	68	63	63	51	53	48	52	59	65	69	62	57	57	62	65	67	68	56	53	45	49	45	50	64	62	51	....	59.1
Gordon	Maximum	83	89	88	81	78	78	73	66	65	79	77	73	69	76	79	76	77	74	69	73	80	75	66	63	66	74	76	69	65	60	....	73.9
	Minimum	63	61	54	61	57	58	57	36	55	36	43	52	61	67	62	51	48	59	61	64	65	51	46	32	40	37	44	52	55	51	38	52.2
Greensburg-2 S	Maximum	79	84	84	88	76	76	71	65	71	82	78	77	78	75	78	74	80	77	80	80	79	75	65	68	68	75	78	72	68	65	....	75.4
	Minimum	65	59	56	57	56	54	54	36	39	38	40	50	61	58	54	47	47	46	46	54	58	44	38	32	34	35	42	56	52	46	....	48.5
Hanover /.	Maximum	83	92	91	92	87	83	76	75	74	79	77	67	73	76	82	80	81	70	73	78	82	74	62	66	66	76	78	73	70	57	....	76.4
	Minimum	64	69	68	64	67	62	63	52	52	51	50	55	60	67	63	58	59	58	63	65	67	58	53	45	51	48	49	55	63	50	....	58.3
Harrisburg Arpt. [1-3.5] S.	Maximum	84	93	89	85	84	85	72	74	74	80	79	66	72	77	81	79	81	68	71	78	83	72	61	67	67	78	80	70	67	59	....	75.9
	Minimum	67	68	64	68	65	65	56	52	54	48	52	59	64	68	72	77	76	78	69	67	75	79	71	61	63	65	75	75	68	66	60	72.7
Hawley-0.5 E	Maximum	79	89	86	80	81	79	74	67	63	75	78	64	68	72	77	76	78	69	67	75	79	71	61	63	65	75	75	68	66	60	....	72.7
	Minimum	60	62	60	52	56	58	58	44	53	40	39	49	56	64	64	55	49	50	59	61	58	50	41	33	32	37	42	52	44	33	....	50.4
Hewitt-2 SW.	Maximum	78	90	89	90	89	84	79	73	75	81	76	72	72	86	80	80	80	77	71	80	81	76	75	68	70	76	80	69	70	65	....	77.7
	Minimum	66	60	64	65	67	66	52	46	41	44	50	57	63	64	53	53	50	60	64	65	61	48	48	37	38	38	41	53	58	48	....	54.0
Holtwood[1]	Maximum	83	91	89	86	84	82	75	73	73	82	79	73	76	77	81	81	82	72	77	75	83	73	63	72	67	79	79	77	70	60	....	77.1
	Minimum	69	72	66	71	70	66	63	57	58	55	59	64	72	72	68	64	64	67	68	69	69	60	54	50	49	52	57	64	55	54	....	62.6
Huntingdon	Maximum	80	90	89	88	81	83	76	66	74	76	82	66	72	76	80	78	81	66	70	79	84	72	63	67	71	79	83	72	70	58	....	75.7
	Minimum	63	59	54	63	59	57	57	44	49	44	44	45	61	64	57	52	50	56	64	55	63	48	49	33	45	42	44	56	53	39	....	52.3
Indiana	Maximum	75	84	84	85	75	77	72	63	70	81	81	76	78	79	74	75	79	75	77	80	79	78	66	65	68	73	76	75	69	68	....	75.2
	Minimum	64	63	61	63	59	57	51	41	42	49	51	53	61	62	57	52	53	61	63	62	62	47	44	39	43	43	49	59	46	45	....	53.4
Irwin	Maximum	78	85	86	87	82	79	75	66	71	84	85	80	80	77	75	75	82	80	82	83	81	80	67	69	71	77	80	80	70	70	....	77.9
	Minimum	64	62	62	66	61	55	54	44	42	43	45	55	64	60	57	48	49	56	60	59	63	51	44	36	41	42	48	60	50	46	....	52.9

Continued on page 71.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Jamestown/-2 NW	Maximum	82	88	87	83	73	76	70	60	74	82	80	75	80	81	73	78	83	80	84	79	84	70	66	66	72	78	83	69	67	64		75.9
	Minimum	57	58	58	62	56	51	46	41	38	40	47	53	53	47	50	45	46	52	56	57	57	49	36	27	29	32	40	48	42	40		47.1
Johnstown[6]-0.5 W	Maximum	78	85	83	86	77	78	69	60	72	81	76	68	78	70	72	74	78	68	70	80	81	68	61	64	69	74	77	68	70	50		73.0
	Minimum	65	61	62	66	62	60	52	45	42	43	46	53	61	61	55	50	50	56	61	64	64	49	44	36	35	38	45	56	50	46		52.6
Kane[1]-1 N	Maximum	82	87	88	87	83	83	79	75	74	80	80	77	74	75	80	79	80	76	73	77	82	78	71	65	65	74	76	78	71	66		77.2
	Minimum	63	66	58	64	63	58	61	49	47	43	47	59	66	66	63	56	54	61	63	62	63	54	49	43	40	42	47	47	48	45		55.3
Lancaster	Maximum	77	80	84	79	78	81	72	62	70	82	83	70	75	71	80	76	81	76	76	82	85	76	61	66	71	77	79	69	67	69		75.5
	Minimum	63	57	58	58	54	54	51	42	53	44	45	50	55	62	62	50	53	50	60	65	61	52	35	29	36	37	48	57	47	31		50.7
Lawrenceville	Maximum	84	92	90	85	85	84	74	75	73	82	80	66	72	77	84	79	81	70	72	80	85	74	61	69	69	78	80	70	67	60		76.7
	Minimum	64	66	60	64	64	58	61	48	49	45	48	57	60	64	63	55	55	56	62	63	66	55	51	42	44	46	47	47	49	47		55.5
Lewistown/-2 SW	Maximum	80	91	89	84	83	82	72	68	70	80	79	64	70	78	82	79	80	68	69	77	85	72	63		69	78	82	69	62	58		75.3[a]
	Minimum	54	65	59	60	61	60	62	48	52	43	43	47	58	60	62	52	53	53	62	64	65	54	47	37	45		48	46	50	42		53.5[a]
Lock Haven[6]	Maximum	80	90	91	83	76	82	71	64	67	80	83	67	71	78	82	81	80	68	72	80	86	72	63	68	72	78	80	68	67	65		75.5
	Minimum	62	63	60	63	60	57	51	42	49	45	46	54	59	63	61	53	54	60	63	65	63	48	42	35	43	44	47	57	42	38		52.9
Marcus Hook[1]	Maximum	92	95	97	89	95	87	85	78	76	79	78	76	75	78	87	83	82	71	73	82	85	79	66	66	71	78	80	83	71	66		80.0
	Minimum	62	74	72	71	72	66	62	59	56	55	57	64	70	71	71	65	64	65	64	66	69	62	52	49	42	55	62	63	57	52		62.3
Martinsburg[3]	Maximum	75	85	84	85	75	78	64	61	70	79	75	61	69	70	75	75	76	63	69	75	78	61	60	62	66	73	77	66	65	59		70.8
	Minimum	65	62	64	67	61	58	49	46	46	44	52	54	61	63	54	51	48	60	62	64	58	51	46	38	45	44	48	60	45	41		53.7
Mauch Chunk-1 SW	Maximum	81	89	88	87	80	79	79	70	67	75	75	73	68	73	78	75	76	76	66	71	76	77	68	59	62	70	72	72	64	58		73.5
	Minimum	60	63	59	59	57	59	57	43	55	39	45	51	58	66	63	57	48	35	60	64	62	52	46	34	35	37	42	53	51	37		51.6
Meadville/-1 S	Maximum	79	86	87	79	71	75	65	58	73	81	79	69	79	79	71	76	81	77	83	80	80	69	56	67	69	77	78	65	64	59		73.7
	Minimum	58	57	57	63	58	54	50	41	46	39	46	51	56	53	53	50	47	53	56	59	57	49	36	29	34	36	41	44	43	40		48.5
Mercer[3]-2.5 NE	Maximum	75	85	85	77	70	74	62	58	70	80	78	70	78	76	68	74	79	76	81	79	79	66	55	65	66	75	80	65	64	55		72.2
	Minimum	63	62	63	60	58	56	47	41	39	48	54	54	53	48	48	46	50	58	60	59	52	46	37	36	37	40	47	52	39	41		49.8
Middletown[1]-1.5 W	Maximum	82	91	89	84	83	82	72	73	71	78	78	65	71	76	81	78	80	70	72	80	84	74	61	65	65	76	79	70	69	60		75.3
	Minimum	67	65	62	67	65	62	57	50	51	47	50	59	64	69	64	60	58	62	64	66	68	57	50	42	45	46	50	60	48	50		57.5
Midland[6]	Maximum	74	84	87	86	76	78	68	64	71	80	77	74	79	75	72	76	79	75	83	80	80	69	62	65	68	74	78	70	65	62		74.4
	Minimum	63	63	63	68	60	57	52	45	47	49	55	58	61	55	56	53	55	59	58	62	61	53	48	36	41	44	49	60	49	48		54.3
Montrose/-3 E	Maximum	78	87	81	78	77	80	68	60		78	78	65	67	75	74	74	77	70	68	75	79	64	53	60	63	71	75	61	54	63		70.9[a]
	Minimum	60	63	62	55	55	54	55	44	47			52	51	59	61	55	53	53	55	57	61	50	37	31	31	42	42	50	45	36		50.6[b]
Mt. Lebanon[6]	Maximum	76	86	87	89	76	78	67	63	73	81	76	76	77	73	75	79	79	71	82	79	82	72	61	67	71	77	81	66	66	58		74.8
	Minimum	63	64	64	66	62	62	52	42	45	50	55	56	64	62	59	48	53	59	61	64	62	50	46	38	43	47	52	61	48	48		54.9
Mt. Pocono[3]-2 N	Maximum	78	83	81	76	75	75	68	63	69	74	76	57	66	71	74	72	72	61	64	69	75	65	55	60	62	69	72	68	59	57		68.6
	Minimum	61	63	53	54	57	55	41	41	41	40	42	49	57	63	57	53	51	55	56	61	52	46	38	32	34	44	45	58	40	38		49.2
New Bloomfield	Maximum	83	92	90	86	84	82	81	78	80	78	79	73	69	74	81	79	80	77	68	78	83	74	67	66	67	77	78	69	68	70		77.0
	Minimum	63	61	55	63	56	58	50	49	39	41	44	56	59	65	58	50	50	60	62	61	64	50	44	36	41	39	45	57	56	54		53.0
Newburg[1]-3.5 NW	Maximum	86	94	93	94	86	86	74	74	74	82	80	63	72	79	82	83	81	76	72	82	82	72	64	66	72	82	80	72	70	64		77.9
	Minimum	68	64	62	64	70	62	56	52	52	44	51	57	63	65	60	55	55	62	62	66	66	58	48	40	44	44	52	62	44	46		56.5
New Castle-1.5 N	Maximum	75	78	90	86	80	78	72	63	76	81	79	75	80	78	74	75	81	82	86	82	82	75	69	68	70	78	82	79	68	67		77.0
	Minimum	60	62	68	62	58	53	50	42	42	40	53	56	60	52	54	48	46	51	57	57	57	48	37	30	38	38	43	51	42	51		50.2
Palmerton[1]	Maximum	82	91	90	81	82	81	74	69	68	79	79	61	70	76	81	78	77	69	68	73	78	70	60	62	66	75	77	68	66	60		73.7
	Minimum	68	68	61	62	62	62	53	47	49	44	48	57	61	69	62	57	53	61	62	65	65	53	44	40	39	43	47	62	43	40		54.9
Park Place[3]-1 NW	Maximum	78	85	84	75	76	77	65	60	60	73	72	58	66	70	75	72	73	60	62	67	73	64	54	58	59	70	71	65	58	53		67.8
	Minimum	64	65	64	55	60	57	51	45	51	50	53	54	58	63	60	55	55	55	57	61	56	49	42	37	42	46	56	58	41	40		52.3
Philadelphia Arpt.[1]	Maximum	89	93	92	84	90	85	80	73	75	79	78	73	77	83	81	80	70	72	79	81	74	62	67	68	75	77	78	70	60			77.5
	Minimum	70	72	66	67	68	62	57	52	52	53	54	62	69	67	68	63	62	65	64	66	65	58	51	47	45	46	57	59	56	50		59.8
Philadelphia C.O.[1]	Maximum	86	92	92	84	87	84	78	72	75	80	77	72	76	77	85	82	79	70	71	79	80	74	67	66	67	73	77	77	72	59		77.0
	Minimum	72	73	72	71	72	68	63	57	59	58	60	63	69	69	66	65	65	64	66	67	64	55	50	50	53	59	64	56	53			63.1
Phila. Shawmont	Maximum	87	92	90	90	85	84	81	77	75	80	78	74	76	79	83	81	79	79	71	79	82	79	72	66	66	76	77	76	71	70		78.5
	Minimum	67	69	63	64	65	62	64	49	51	49	51	62	68	71	67	62	60	65	63	67	65	57	49	40	42	46	54	58	61	52		58.8
Philipsburg[3]-7 E	Maximum	72	81	81	74	71	74	63	56	66	74	72	58	67	69	72	68	74	61	61	72	79	62	56	59	63	71	75	64	61	52		67.7
	Minimum	64	60	62	56	57	52	37	39	37	36	39	50	58	60	53	48	39	56	60	63	51	46	38	29	39	31	37	54	39	39		47.5
Phoenixville-1.5 SE	Maximum	89	100	99	88	95	90	86	76	78	81	82	69	80	80	90	86	83	82	77	84	85	85	76	74	77	84	85	86	72	61		82.7
	Minimum	64	67	57	63	62	57	61	48	40	42	46	59	67	71	66	57	56	64	64	65	63	54	46	43	35	42	48	57	57	47		55.6
Pittsburgh Arpt Sta.[1]	Maximum	78	84	84	88	74	77	64	61	73	80	76	75	77	73	72	76	78	69	78	78	80	68	59	66	69	75	76	65	63	63		74.3
	Minimum	64	63	65	66	62	58	52	46	47	52	57	55	63	58	55	56	62	63	64	61	53	47	41	46	46	54	58	49	47			55.8
Pittsburgh City Office[1]	Maximum	76	87	87	90	77	79	67	63	74	81	78	76	78	74	74	78	81	72	81	79	82	71	61	66	71	77	81	68	68	59		75.2
	Minimum	65	66	69	68	64	62	55	51	50	51	55	58	66	61	60	55	57	60	65	66	64	55	49	42	50	48	55	58	52	49		57.5
Port Clinton/	Maximum	82	90	86	80	82	82	74	70	67	79	79	65	74	76	82	78	79	68	70	72	79	70	70	65	65	74	76	67	63	63		74.2
	Minimum	57	64	58	58	61	58	60	42	43	40	45	49	57	63	64	57	52	62	62	63	65	54	50	37	38	39	45	60	57	45		53.5
Putneyville-2.5 SE	Maximum	71	84	85	83	76	75	70	62	71	79	76	68	74	74	73	74	77	70	75	78	78	68	60	65	68	75	78	70	65	59		72.7
	Minimum	61	61	59	62	58	59	50	42	43	43	47	52	61	59	56	48	47	56	61	58	60	48	37	35	41	39	45	58	43	42		51.0
Quakertown-0.5 E	Maximum	85	90	92	85	84	82	82	72	75	83	79	71	74	76	80	78	78	70	68	76	77	73	66	62	66	72	75	71	67	62		75.7
	Minimum	60	63	57	71	63	71	42	42	45	35	39	53	60	66	62	71	64	58	58	61	56	50	47	38	32	36	42	54	56	39		52.0
Reading[1]	Maximum	82	91	91	83	85	83	74	73	71	80	80	67	74	77	84	83	80	71	72	75	81	74	65	66	67	76	79	72	69	59		76.1
	Minimum	69	69	67	68	66	64	58	53	55	49	52	59	63	69	67	62	59	63	62	66	67	58	51	46	45	48	54	64	53	48		59.1
Ridgway/	Maximum	70	85	86	81	73	76	65	60	72	81	78	64	71	70	75	75	81	70	74	80	80	68	61	66	68	75	76	65	63	63		72.4
	Minimum	48	59	53	53	53	52	50	36	40	38	38	40	53	58	57	47	46	47	57	55	56	44	35	29	29	33	33	40	39	33		45.0
Scranton[1]	Maximum	82	89	85	83	80	80	72	64	63	78	82	62	71	79	80	76	80	72	72	77	82	67	58	66	66	74	78	71	64	62		73.8
	Minimum	66	68	62	57	61	61	54	50	48	42	49	54	61	68	66	58	55	57	62	64	64	56	43	37	39	44	50	60	45	40		54.7
Selinsgrove	Maximum	81	92	91	85	82	83	76	70	71	80	80	63	70	76	82	83	81	76	71	78	81	79	70	65	66	76	78	77	70	63		76.5
	Minimum	66	63	57	63	57	57	60	43	44	43	44	49	56	51	62	54	53	61	63	65	67	54	47	35	43	43	46	58	53	36		53.1
Somerset	Maximum	73	81	80	85	76	74	67	59	73	78	74	66	79	69	71	74	76	72	72	78	77	71	60	62	69	72	75	71	70	61		72.2
	Minimum	62	58	52	62	59	54	52	40	36	36	39	52	59	60	51	44	44	52	61	54	62	48	41	32	34	32	38	53	50	45		48.7
Springs-1 SW	Maximum	72	79	80	80	71	73	63	60	70	74	67	62	75	67	70	69	73	62	69	76	71	66	67	58	65	70	72	64	63	58		69.0
	Minimum	59	60	55	56	60	52	50	40	36	39	42	50	56	60	53	43	46	56	59	52	56	44	44	42	35	36	42	51	53	44		49.0
State College[1]	Maximum	76	85	85	78	75	78	64	60	66	79	75	63	69	72	76	75	77	66	70	74	80	68	58	64	67	74	78	65	62	57		71.2
	Minimum	67	62	62	63	61	58	50	44	51	43	49	53	59	64	59	52	51	61	63	66	61	52	44	37	47	41	48	59	42	39		53.7
Stroudsburg-2 E	Maximum	86	91	92	89	84	84	85	75	74	82	81	80	76	77	85	83	83	75	70	77	78	78	74	68	68	77	78	78	69	68		78.8
	Minimum	62	57	58	56	54	53	59	40	48	40	40	50	51	65	65	55	52	55	60	64	63	48	45	36	31	38	43	54	54	39		51.3
Tamarack/-2 S	Maximum	68	81	79	74	70	72	61	54	60	72	70	58	68	66	72	69	72	61	64	71	76	64	54	59	63	71	73	62	55	58		66.6
	Minimum	58	60	60	58	58	54	52	44	44	48	48	48	49	58	57	52	53	55	55	60	60	47	38	36	30	42	42	50	42	38		50.0
Tionesta-1.5 SE	Maximum	71	86	85	82	76	74	72	63	72	80	78	77	74	74	74	75	81	76	80	79	80	70	59	65	68	75	75	66	60	61		73.6
	Minimum	68	58	55	62	54	58	51	39	47	40	42	53	61	58	55	50	47	51	60	56	56	48	37	30	38	35	35	42	42	41		49.0
Titusville-2 S	Maximum	75	86	84	82	73	73	68	62	72	80	79	72	77	76	74	74	81	78	83	82	80	69	60	67	69	76	76	71	64	63		74.2
	Minimum	61	59	60	62	55	55	48	41	47	38	47	53	60	50	51	48	43	57	60	60	59	47	34	27	32	39	48	59	46	39		49.5
Towanda-1 E	Maximum	83	90	87	82	80	83	71	68	66	80	83	69	70	76	83	79	81	78	77	82	84	68	59	64	69	78	79	69	68	66		75.7
	Minimum	67	59	60	56	55	54	59	44	49	42	41	53	56	65	64	53	54	51	61	65	65	49	36	33	35	39	47	58	47	36		51.8
Uniontown	Maximum	77	86	87	90	81	79	72	65	73	86	80	79	80	77	77	79	85	76	84	81	79	71	65	70	72	79	80	77	70	65		77.5
	Minimum	69	64	63	68	65	58	55	44	43	50	62	55	64	64	58	52	58	66	61	62	64	51	47	47	42	44	48	63	53	53		56.1
Vandergrift[1]	Maximum	75	88	87	88	79	78	67	62	73	84	82	78	81	76	76	80	83	73	81	83	81	74	63	69	70	76	80	68	67	60		76.1
	Minimum	65	68	63	62	61	55	50	43	44	44	47	55	65	61	59	51	52	55	61	58	58	49	44	39	42	38	46	62	49	46		53.1

Continued on page 72.

Daily Temperatures for September 1944—Continued from page 71.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	76	85	84	81	69	74	66	55	72	79	72	66	70	70	75	73	79	71	77	81	82	70	57	66	68	75	72	62	62	65	....	71.8
	Minimum	63	58	58	61	52	58	49	49	52	43	46	54	61	61	57	52	50	55	63	63	59	47	36	31	38	37	45	58	46	36	....	51.3
Waynesburg	Maximum	77	83	84	87	79	74	69	65	76	83	79	77	75	73	73	78	82	74	85	79	79	76	65	68	70	76	78	71	71	62	....	75.6
	Minimum	63	60	58	62	61	50	50	38	38	39	44	54	63	54	51	44	47	50	58	59	61	48	44	35	36	37	44	60	50	51	..	50.3
Wellsboro/	Maximum	77	85	84	85	77	80	66	62	69	80	79	61	73	70	79	76	80	71	72	78	83	68	59	66	69	75	77	66	53	68	....	72.9
	Minimum	51	52	53	57	56	51	51	40	42	41	41	44	52	60	61	49	49	52	57	62	58	43	37	28	30	35	35	44	47	32	....	47.0
West Chester	Maximum	88	91	91	83	87	84	78	72	72	81	81	71	78	75	84	81	81	72	73	76	82	75	65	66	71	76	78	77	69	61	....	77.3
	Minimum	67	68	62	65	66	60	62	48	50	49	53	60	68	70	66	60	60	63	63	65	65	56	49	45	41	46	58	59	60	49	....	58.4
Wilkes-Barre[3]	Maximum	83	90	88	81	81	81	73	65	67	81	82	63	71	80	83	77	81	72	73	77	82	70	59	67	67	74	79	71	65	63	....	74.9
	Minimum	64	63	57	57	57	54	51	45	47	44	48	55	61	65	65	55	54	55	61	61	56	49	44	35	40	41	45	55	40	35	....	52.0
Williamsport	Maximum	79	90	89	84	89	83	76	67	67	78	81	72	71	80	82	81	81	77	71	78	86	73	67	65	68	77	80	75	67	63	....	76.6
	Minimum	64	64	60	60	60	56	57	43	55	44	44	54	57	65	61	53	54	59	61	65	63	50	44	33	40	41	48	56	48	36	..	53.2
Williamstown	Maximum	84	92	88	86	80	81	77	70	71	80	79	72	69	77	80	78	78	75	69	76	82	74	69	68	68	76	79	75	66	....	....	76.5[a]
	Minimum	62	49	56	60	56	60	59	40	53	39	45	55	61	66	62	53	47	60	60	64	65	53	48	33	38	38	44	55	53	....	....	52.9[a]
Woodward[3-2 NE	Maximum	72	84	82	75	72	76	61	57	58	75	75	59	64	70	72	74	74	60	63	69	76	62	54	60	61	72	74	61	56	53	....	67.4
	Minimum	66	61	64	60	59	56	47	44	49	48	50	50	59	60	55	53	57	55	60	62	55	49	39	37	45	46	55	56	40	39	.	52 5
York-3 SW	Maximum	87	94	94	91	85	85	82	75	76	82	82	76	79	79	84	82	84	83	76	81	87	82	72	70	69	80	81	79	73	69	....	80.6
	Minimum	64	70	58	67	63	58	61	46	47	44	49	60	66	69	61	54	53	63	65	63	67	53	50	41	45	42	48	59	62	51	....	56.6

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.42	24	29.63	4	7.3	20	w.	21	83	68	82	58	90
Harrisburg	30.08	18	29.19	14	6.8	21	nw.	7	85	59	71	61	59
Philadelphia	30.47	18	29.33	14	8.1	32	n.	14	84	54	70	42	47
Philipsburg	30.46	18	29.70	5	8.3	23[a]	sw.‖	28§	95	70	89	.....	240
Pittsburgh	30.38	17	29.70	4	8.8	22	w.	7	89	59	68	51	86
Reading	30.47	18	29.47	14	9.3	38	nw.	14	81	53	60‡	53	50
Scranton	30.49	18	29.57	14	5.8	18	nw.	14	85	57†	....	41	107

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.
‖ And other directions.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	1.9	3.6	16	0.9	5†	18
Easton	Delaware	0.7	2.7	17	−0.3	6	22
Lehighton	Lehigh	2.5	3.9	14	2.3	11	9
Reading	Schuylkill	3.1	6.3	17	2.4	9	13
Wilkes-Barre	N. Br. Susquehanna	1.6	3.0	19	1.0	12	22
Williamsport	W. Br. Susquehanna	0.0	0.4	17	−0.2	1	20
Newport	Juniata	3.1	3.3	24	2.9	11	22
Harrisburg	Susquehanna	3.1	3.3	21	2.9	11†	17
Schenley,(nr) Lock No. 5	Allegheny	11.7	12.2	8	11.5	6	24
Sutersville	Youghiogheny	2.6	3.1	1	2.3	9	20
Charleroi(nr.), Lock No. 4	Monongahela	10.9	11.4	15	10.7	1	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—11-3-44-975.)

551.05
UNP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

DEC 14 1944

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA.

VOL. XLIX. OCTOBER 1944. No. 10.

GENERAL SUMMARY.

Temperatures were highest about the 7th and 18th, extreme maxima being recorded at most stations on the earlier date. Killing frosts occurred in all sections on the 16th and, by the end of the month all but three stations had experienced subfreezing temperatures. The temperature deficiency further decreased the average daily excess, accumulated for the year, to 0.3°. In contrast to this, an average daily deficiency of 0.3° was accumulated during the same period in 1943.

Precipitation was confined, principally, to the first half of the month. A hurricane then threatened to duplicate the damage of September's violent storm. Instead of moving up the coast, however, it traveled inland over South Carolina where its further movement was retarded by a ridge of high pressure to the north. Losing its hurricane intensity, the storm continued its northward movement. Warm air, circulating about its center, over-ran the colder air to the north and produced heavy rain which ended on the 21st as the storm passed along the New Jersey coast. Amounts on the 20-21st accounted for approximately 45% of the month's precipitation. At southwestern and southern mountain stations, 24-hour amounts were excessive. Monthly totals were above normal in the southern half of the State from the Susquehanna Valley westward. Elsewhere, they were generally deficient, most stations in the extreme east portion receiving amounts less than 2.00 inches. The State average was below normal, making the accumulated deficiency for the year 2.43 inches, compared to 2.04 inches in the corresponding months of 1943. The first general snowfall occurred on the 27th although isolated stations reported flurries earlier in the month.

Thunderstorms occurred on scattered dates but were most widespread on the 7th. Heavy hail accompanied the storms in Centre and Franklin Counties, damaging fruit in the latter area. Wind damage was reported in Harrisburg and at Blacksville, Greene County. At the latter place, one building was unroofed, a score of trees were uprooted, and several buildings were damaged.

As a whole, October was a good month for agriculture. Conditions, during the first half of the month, were favorable to plant growth and most of the less hardy crops had been harvested before the killing frost of the 16th. The latter part of the month was ideal for field work. While the year has been warmer and drier than 1943, drought conditions were less general, being concentrated in southeastern counties. G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 50.8°, which is 1.7° below the 57-year normal for October. The highest monthly mean was 57.4° at Marcus Hook, and the lowest was 44.2° at Kane. Extremes ranged from a maximum of 90° at Phoenixville on the 7th, to a minimum of 12° at Bradford on the 28th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 203 stations, was 3.14 inches, which is 0.13 inch below the 57-year normal for October. The greatest monthly amount was 5.67 inches at Lake Lynn, while the least was 1.03 inches at Stroudsburg. The greatest amount recorded in any 24 consecutive hours was 2.84 inches at Uniontown on the 20th-21st.

The average snowfall for the State was a trace, which is 0.2 inch below the 57-year normal. The greatest monthly snowfall was 0.5 inch at Titusville. The greatest fall for any observational day was 0.5 inch at Titusville on the 26th.

ERRATA

September, 1944.—Page 66, Clarion, number of days with .01 inch or more should be 12; Harrisburg, total precipitation should be 3.94 inches, departure should be +0.89 inch; Putneyville, date of minimum temperature should be 24th. Page 67, Austinburg, precipitation on 5th should be 0.10 inch; on 19th, 0.02; on 22d, 0.06; on 27th, 0.22. Amounts on 15th, 16th, 17th, 23d, 24th, 26th, and 30th should be deleted. Total should be 3.68 inches. Page 68, Harrisburg, precipitation on 14th should be 0.25 inch, total should

(Continued on page 80)

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	46.3	74	19	4.02	T	16	9	6	16
1889	47.3	83	13	3.85	0.2	10	8	9	14
1890	50.9	81	21	5.87	0.3	15	6	8	17
1891	50.6	91	15	3.06	T.	8	11	9	11
1892	50.8	83	16	0.72	T.	6	13	11	7
1893	53.0	91	17	3.26	T.	8	14	8	9
1894	53.6	88	24	4.26	T.	9	12	8	11
1895	47.3	76	17	1.99	0.3	5	17	8	6
1896	48.9	86	18	3.19	T.	9	11	8	12
1897	54.2	95	16	1.32	T.	5	14	8	9
1898	53.8	92	20	5.20	T.	12	11	7	13
1899	54 6	94	15	1.55	0	6	13	8	10
1900	58.6	95	19	2.74	0	8	11	9	11
1901	52.2	83	20	1.23	T.	5	16	10	5
1902	53.1	89	19	4.64	0.1	9	12	9	10
1903	53.4	91	20	4.64	0.1	9	12	8	11
1904	50.6	91	12	2.87	T.	7	15	8	8
1905	53.2	90	16	4.23	T.	9	14	7	10
1906	52.0	87	14	4.46	1.1	14	7	7	17
1907	48.2	87	13	3.16	T.	7	16	8	7
1908	54.6	93	19	1.95	T	6	16	7	8
1909	48.4	87	15	2.27	T.	7	13	7	11
1910	55.6	91	14	1.91	0.5	7	16	8	7
1911	52.3	83	18	4.83	T.	11	11	7	13
1912	54.2	90	23	2.74	T.	7	15	7	9
1913	54.9	88	16	5.44	0.2	13	10	6	15
1914	56.4	91	11	2.35	T.	9	11	9	11
1915	54.2	85	17	2.65	T.	8	15	7	9
1916	52.1	92	16	2.25	T.	6	18	7	6
1917	47.2	84	12	6.38	1.7	13	10	10	11
1918	55.5	85	19	3.17	0	10	15	8	8
1919	57.5	92	21	4.77	0	17	9	8	14
1920	57.5	88	22	1.67	T.	5	19	7	5
1921	52.6	84	18	2.16	0	8	17	7	7
1922	54.8	94	12	2.51	T.	7	18	6	7
1923	51.0	87	12	2.38	T.	8	15	8	8
1924	52.9	87	14	0.28	0	2	21	7	3
1925	46.1	83	9	4.83	3.8	15	6	8	17
1926	51.9	90	16	4.51	0.2	14	10	9	12
1927	55.6	99	21	6.40	0.1	9	17	5	9
1928	55.1	91	15	1.78	0.1	8	14	8	9
1929	50.6	85	14	5.59	T.	9	12	8	11
1930	50.8	93	9	0.99	0.2	6	15	7	9
1931	55.7	93	20	1.83	T.	9	15	8	8
1932	53.8	86	20	5.31	T.	11	10	7	14
1933	51.6	90	11	1.91	T	8	16	9	6
1934	51.8	84	11	1.46	0.6	6	17	7	7
1935	53.0	89	16	2.77	T.	9	16	8	7
1936	54.0	87	11	3.69	T.	11	13	6	12
1937	50.6	89	12	5.84	0.1	14	8	8	15
1938	54.5	91	16	1.81	T.	6	18	6	7
1939	53.6	92	15	3.88	T.	11	13	7	11
1940	50.0	85	10	2.03	1.1	8	12	8	11
1941	57.0	100	19	2.77	T.	13	9	9	13
1942	53.9	88	15	4.51	0.1	12	13	7	11
1943	50.1	89	17	5.63	0.3	13	11	5	15
1944	50.8	90	12	3.14	T.	10	13	9	9
Period	52.5	100	9	3.27	0.2	9	13	8	10

Climatological Data for October 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	....	51.4	−1.6	85	7	25	23	1.49	−1.81	1.17	20-21	T.	7	13	10	8	nw	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	58	51.6	−0.5	82	7	26	28	4.06	+1.25	2.05	20-21	0	7	17	10	4	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	3	51.2	.....	84	6	22	16	5.21	.....	1.84	20	0	8	16	4	11	n.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	76	51.7	−1.4	83	7	23	23	3.74	+0.42	2.06	20-21	0	7	17	6	8	nw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	52.6	−0.7	83	7	27	16†	4.62	+1.36	1.57	13-14	0	11	15	9	7	w.	William B Spear.
Coatesville.	Chester	431	56	53.7	−0.3	85	7	29	28	2.38	−1.03	1.15	20	0	8	6	5	20	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	2	46.7	.....	74	6	23	27†	3.82	.....	1.79	20-21	T.	10	10	9	12	nw.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	46.0	.....	75	18	26	16†	4.20	.....	1.93	13-14	T.	8	9	10	12	n.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	7	50.2	.....	76	7	28	28	3.43	.....	1.24	20-21	T.	11	9	10	12	nw.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	58	48.1[1]	−2.0	80	6	17	28	2.25	−0.94	1.41	20-21	T.	13	....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	53.7	−1.1	86	7	28	16†	1.97	−1.23	0.81	20	0	8	14	10	7	w.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	22	51.2	−0.8	83	7	23	23	5.21	+2.55	2.52	20-21	0	9	15	7	9	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	51	48.9	+1.2	78	7	27	28	2.72	−1.27	1.14	20-21	T.	9	10	2	19	s.	Andrew B. Evansha.
George School	Bucks	184	38	54.6	−0.8	85	7	29	16†	1.65	−1.60	0.79	20	0	7	23	1	7	sw.	Prof. N. W. Swayne.
Gettysburg	Adams	500	71	54.2	+0.7	83	7	28	28	3.53	+0.21	1.22	20-21	0	10	20	6	5	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	40	50.0	−0.8	82	7	19	23	3.10	−1.05	1.68	20-21	T	9	15	6	10	ne	Miss Sallie M. Johnson.
Hanover	York	600	40	53.0	−3.2	84	7	31	16	4.06	+1.01	1.30	20-21	T.	14	18	6	7	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	75	53.7	−1.1	84	7	29	23	3.04	+0.11	2.05	20-21	0	8	11	10	10	w.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	34	49.0	−0.3	82	7	19	23	2.46	−0.89	1.14	13-14	T.	9	17	9	5	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	29	56.0	−0.4	83	7	34	23	2.36	−0.27	1.04	20-21	0	12	16	6	9	nw	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	57	51.2	−1.5	85	7	22	23†	3.60	+0.69	1.73	20-21	0	13	11	4	16	nw	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	57	52.5	−1.1	82	7	26	23	2.03	−1.10	0.70	20-21	0	11	22	3	6	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	47	49.5	−1.0	80	18	20	23†	2.55	−0.22	1.25	20-21	T.	7	10	13	8	n.	Carlos P. Darling.
Lebanon	Lebanon	469	60	52.8	−0.9	86	7	27	23	2.37	−0.15	1.20	20-21	0	9	21	2	8	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	6	50.6	.....	78	18	21	23	3.89	.....	1.84	20-21	0	11	10	15	6	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	51.3	−2.2	82	6	24	23†	2.99	−0.16	1.40	20-21	T.	10	13	5	13	e.	William R. Kelley.
Marcus Hook‡‡	Delaware	12	18	57.4	−1.8	86	7	37	16†	1.61	−1.31	1.03	20-21	0	7	23	0	8	nw	Sun Oil Co.
Martinsburg	Blair	1,493	2	49.8	.....	78	6†	28	16†	3.76	.....	1.91	20-21	T.	10	9	10	12	w.	Civil Aeronautics Authority
Montrose-3 E	Susquehanna	1,176	39	§§	.....	75	7	24	28†	2.87	−0.74	§§	.....	T.	10	....	.....	....	....	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	3	46.9	.....	79	7	25	15†	1.68	.....	0.64	20	T.	8	12	11	8	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	26	50.4	−1.7	81	7	25	23	1.37	−2.00	0.93	20-21	T.	9	9	10	12	n.	New Jersey Zinc Co.
Philadelphia Airport..	Philadelphia	10	3	54.7	−0.8	85	7	31	23	1.81	−1.00	1.16	20-21	0	7	15	7	9	nw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	2	45.2	.....	76	6	15	16	3.42	.....	1.79	20-21	T.	12	8	14	9	nw.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	35	55.0	−0.3	90	7	23	23	2.25	−1.01	1.40	20-21	0	8	21	4	6	w.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	6	50.2	−3.3	82	7	23	23	1.82	−2.15	0.85	20-21	T.	10	19	7	5	.....	Earl E. Rarick.
Quakertown‡‡-0.5 E.	Bucks	480	59	50.3	−2.0	87	7	22	23	2.61	−1.31	1.43	20-21	0	13	19	4	8	sw.	John E. Benner.
Reading	Berks	273	74	54.6	−0.9	85	7	31	23	1.91	−1.21	1.31	20-21	T.	7	18	4	9	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	50	50.6	−1.3	81	7	27	23	1.75	−1.28	0.58	20-21	T.	9	8	16	7	n	U. S. Weather Bureau
Selinsgrove	Snyder	476	54	51.3	−1.6	82	7	25	16†	4.15	+0.63	1.71	20-21	0	9	12	8	11	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	50.5	−0.8	79	6†	27	16†	3.41	+0.52	1.81	20-21	T.	11	10	7	14	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	25	52.6	+0.7	86	7	20	23	1.03	−2.75	0.88	20-21	T.	5	17	5	9	w.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	4	46.8	.....	75	18	24	28	2.71	.....	1.26	20-21	T.	10	11	11	9	w.	James E. Swartz.
Towanda‡‡-1 E	Bradford	754	50	49.3	−1.5	78	7†	21	23	3.75	+0.84	1.67	20-21	T.	9	10	11	10	nw.	Mrs. M. Ordelia Parks.
Wellsboro‡‡	Tioga	1,319	74	46.0	−2.9	77	6†	18	23†	2.91	−0.12	1.21	20-21	T.	8	9	11	11	w	M. S. Bliss.
West Chester‡‡	Chester	440	95	54.2	−0.4	86	7	29	23	2.11	−1.51	0.75	20-21	T.	7	20	4	7	nw.	Clyde T. Saylor.
Wilkes-Barre ‡‡	Luzerne	549	6	49.6	.....	82	7	25	23	2.16	−0.94	0.82	13-14	T.	5	6	17	8	sw.	Civil Aeronautics Authority
Williamsport ‡‡	Lycoming	550	58	50.7	−1.9	76	7†	22	23	3.21	−0.01	1.38	20-21	0	9	13	9	9	w.	John D. McEwen.
Williamstown ‡‡	Dauphin	775	28	51.4	−2.0	83	7	20	23	4.52	+0.81	1.97	20-21	0	10	12	7	12	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	3	47.6	.....	75	7	24	28	3.94	.....	1.92	20-21	T.	9	10	4	17	w.	U. S. Weather Bureau.
York-3 SW‡‡	York	390	56	54.9	+0.8	85	7	27	16†	3.53	+0.49	0.87	20-21	0	11	19	5	7	nw	York Water Co.
Division mean			....	**51.1**	.....	**90**	**7**	**15**	**16**	**2.94**	.....	**2.68**	**20-21**	**T.**	**9**	**14**	**8**	**9**	**nw.**	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	27	47.9	−1.6	77	6	12	28	3.23	−0.19	1.74	20-21	T.	10	11	10	10	w.	City Water Dept.
Brookville	Jefferson	1,400	53	47.8	−1.4	80	5	20	23	2.94	−0.01	1.39	20-21	0	10	9	11	11	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	30	51.4	−1.5	83	6	22	16†	4.50	+1.53	1.61	20-21	T.	8	17	12	2	w.	Butler Eagle.
Clarion‡‡-3 SW	Clarion	1,114	34	49.8	.....	80	5†	20	28	3.06	−0.18	1.28	20-21	T.	14	11	10	10	w.	Penna. Electric Co.
Claysville	Washington	1,170	40	50.4	−3.7	81	5	23	16†	3.66	+0.63	1.17	20-21	0	9	16	5	10	nw.	Walter B. Paget.
Corry	Erie	1,410	29	48.7	−0.6	78	6	19	23	1.44	−2.29	0.60	20-21	T.	11	20	4	7	w.	J. Fred Kinley.
Coudersport‡‡	Potter	1,653	17	46.8	−0.8	77	6	15	23	3.14	−0.50	1.05	20-21	0	12	12	13	6	se.	Potter Enterprise.
Derry	Westmoreland	1,150	47	52.4	−1.8	83	5	24	16†	4.77	+1.65	2.02	20-21	0	8	16	8	7	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	48.8	.....	82	5	20	16	4.55	.....	1.86	20	T.	9	12	15	4	w.	Penna. Turnpike Comm.
Donora ‡‡	Washington	761	18	55.4	−0.7	86	5	29	16	4.50	+1.86	2.25	20-21	0	8	13	7	11	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	27	48.0	−1.9	80	5	24	16†	3.74	+0.64	1.64	20-21	0	12	13	7	11	w.	Miss. Emma H. Eastman.
Farrell	Mercer	855	31	50.9	−2.5	78	5†	20	16	1.45	−1.16	0.90	20-21	0	6	8	19	4	ne.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	1	53.4	.....	84	7	22	23	3.13	.....	1.35	20-21	0	14	13	5	13	sw.	U.S. Engineers.
Franklin	Venango	987	70	50.1	−1.1	81	6	24	23†	2.99	−0.09	1.58	20-21	0	14	13	11	7	n.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	35	50.7	−3.5	82	5	20	23	4.07	+1.10	2.23	20-21	0	10	17	3	11	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	43	52.2	−0.3	81	5	26	28	3.96	+0.57	2.04	20-21	0	9	14	13	4	nw.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	49.2	.....	84	5	19	16	1.42	.....	0.55	20-21	0	11	....	.....	.....	e.	Pa. Dept. Forests & Waters.
Johnstown-0.5 W	Cambria	1,650	62	51.2	−2.5	82	5	23	23	3.31	+0.33	1.86	20-21	0	10	15	9	7	sw	Robert Tross.
Kane-1 N.	McKean	1,750	29	44 2	.....	76	5†	16	28	3.52	−0.03	1.48	20-21	T.	12	12	7	12	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	50	48.6	−2.2	81	6	22	16†	1.69	−1.64	0.73	20-21	0	11	12	11	8	nw	City of Meadville.
Midland	Beaver	780	8	52.5	.....	81	5	28	16†	3.93	.....	1.35	20-21	0	10	7	14	10	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	64	53.4	+0.8	83	5	24	23	2.96	+0.31	1.48	20-21	0	8	17	12	2	nw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	53.0	−1.1	82	5	29	28	2.96	+0.44	1.39	20-21	0	10	11	9	11	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	50.5	.....	80	5†	22	23†	3.21	.....	1.44	20-21	0	13	11	8	12	w.	U. S. Engineers.
Ridgway	Elk	1,385	37	46.6	−2.1	79	6	15	28†	2.40	−0.64	1.40	20-21	T.	11	11	6	14	s.	West Penn Power Co.
Somerset	Somerset	2,100	73	48.9	−0.4	80	5	19	16	4.57	+1.52	1.75	20-21	T.	9	9	12	10	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	48.5	−1.0	77	5	22	16	4.86	+1.40	2.52	20-21	T.	12	10	10	11	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	47.6	.....	79	5†	20	23	2.90	.....	1.45	20-21	T.	13	15	7	9	nw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	1	50.2	.....	81	6	20	16	2.43	.....	1.08	20-21	0.5	12	4	22	5	sw.	Arthur M. Stokes.
Uniontown ‡‡	Fayette	1,040	56	55.2	+0.4	84	5	27	16†	5.16	+1.79	2.84	20-21	0	10	13	14	4	sw.	William W. Marsteller.
Vandergrift‡‡	Westmoreland	825	30	52.4	−1 5	84	5	25	23	4.22	+1.23	0.99	21	0	10	10	17	4	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	56	49.6	−1.4	79	6†	21	28	3.33	−0.07	1.33	20-21	T.	14	13	12	6	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	52.6	−2.1	82	5	23	16†	4.10	+1.24	2.09	20-21	0	10	13	10	8	w.	Thomas S Knox.
Division mean			....	**50.3**	.....	**86**	**5**	**12**	**28**	**3.40**	.....	**2.84**	**20-21**	**T.**	**11**	**13**	**10**	**8**	**w.**	
Lake Drainage																				
Albion	Erie	900	....	50.6[5]	.....	82	5†	26	28	1.91	.....	0.59	9-10	0	9	24	3	4	sw.	Samuel D. Lewis.
Erie	Erie	705	71	52.8	−0.6	82	5	35	28	3.95	+0.26	1.76	8-9	0	12	6	16	9	sw.	U. S. Weather Bureau.
State mean.			....	**50.8**	**−1.7**	**90**	**7**	**12**	**28**	**3.14**	**−0.13**	**2.84**	**20-21**	**T.**	**10**	**13**	**9**	**9**	**nw.**	

[See page 80 for explanation of reference marks.]

Daily Precipitation for October 1944

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike										.09				.16	.04						.57	.15						.04				1.05
Hawley[2], 0.5 E	Wayne						.04	.14	.05		.14				.10	1.04	T.					.60	.34					.01					2.46
Hollisterville[2]	Wayne						T.	.08	.18		.07				.18	.23	T.	.01				.72	.36					.01		T.			1.84
Lakeville[2], 1 N	Wayne						.06	.07	.08		.40				.11	.60						.53	.36										2.21
Matamoras[2]	Pike							.12							.04	.43						.62	.28										1.49
Mount Pocono[3], 2 N	Monroe				T.	T.	.05	.05		.19				.05	.08						.59	.64	.03				T.		T.			1.68
Pleasant Mount[1, 5], 1 W	Wayne			T.			.27	.83		.05				.08	.33	.03					.18	.85										2.62
Stroudsburg, 2 E	Monroe						.02		.03					T.	.05						T.	.88	.05				T.					1.03
Tanners Falls[1, 5], 1 SE	Wayne						.29	.35		.14				.07	.15						.13	.59										1.72
Wallenpaupack[2]	Pike						T.	.17	.02		.16				.10	.77						.63	.36										2.21
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh			.06	T.	T.	.03	.04						.03	.06						.96	.31					T.	T.	T.			1.49
Allentown[2]	Lehigh				.07	T.	.01	.01	.03						.06	.01						1.19	.25				.01	.02	T.				1.66
Bethlehem[1]	N'rthampton			.06	.02	.02	.03	.02	.04					T.	.04						1.19	.07				.02	T.					1.51
Blakeslee Corners[1, 5]	Monroe						.04	.14		.09				.13	.21						.35	.52										1.48
Gouldsboro[2]	Wayne			T.			.03	.04	.20		.12				.10	.66						.51	.44					.08		T.			2.18
Lansford[2]	Carbon			T.	.13		.05	T.	.07		.38				.28	.05						1.15	.20										2.31
Mauch Chunk, 1 SW	Carbon			.12	T.	.04	.06	.01	.16	.08	.24			.05	.29						.02	1.12					T.		.05			2.24
New Tripoli	Lehigh			.10			.06		.15					.01	.33						.31	.99					T.					1.95
Palmerton[1, 5]	Carbon			.06		.01	.03	.17				.01	.02		.14						.59	.34				T.	T.					1.37
Zionsville, 1 SW	Lehigh			.15		.02	.22		.12					T.	.09						.06	1.34	.02				T.					2.02
SCHUYLKILL																																	
Conshohocken	Montgomery																																
Fredericksville[2], 1 S	Berks			.03	.21	.02	.03	T.	.09		T.				.11							1.05	.20					T.					1.77
Gratersford[2]	Montgomery				.38	.01	.03								.04							.93	.72										2.11
Phoenixville[2], 1.5 SE	Chester	.10		*	.27		.04	.01	.21				T.		T.							1.40	.23										2.25
Port Clinton[2]	Schuylkill			.06	.19		.05	.03	.10						.24	.05						.85	.23			.02		T.					1.82
Pottstown[2], 0.5 S	Montgomery	.03		.02	.24	.02	.03	.02	.17		.02				.06							1.01	.21										1.83
Pottsville[2]	Schuylkill			.06	.11		T.	.04	.25		.10			T.	.49	.22						1.32	.30			T.							2.89
Reading[1, 5]	Berks			.28		T.	.02	.12		T.				.03	.11						1.02	.33					T.					1.91
Wernersville	Berks			.30	T.	T.	.03		.17	T.				.06	.07						.76	.72			T.		T.					2.11
LOWER DELAWARE																																	
Coatesville[6]	Chester			.32			.06		.35					.11	.03						1.15	.34				.02							2.38
Doylestown	Bucks			.18		.01	.04		.05					T.	.15						.22	1.01	T.				.09					1.75
George School	Bucks			.18		T.	T.		.05					.02	.14						.79	.45					.02					1.65
Marcus Hook[2]	Delaware	.04		.01	T.	T.	.02	T.	.31				T.		.10							1.03	.10					T.	T.				1.61
Philadelphia Airport Station[1, 5]	Philadelphia			.28	T.	T.	.01	.15	.02					T.	.14						.97	.24				T.	T.						1.81
City Office[1, 5]	Philadelphia			.28		T.	T.	.08	T.						.24						.78	.25				T.	T.						1.64
Shawmont	Philadelphia			.26			T.		.13				.02	T.	.12						.18	1.24	T.			.03	.04						2.02
Quakertown, 0.5 E	Bucks			.21	.02	.03	.06	.01	.52	.01				.01	.06						.20	1.43	.01				.04						2.61
West Chester	Chester			.29		.01	.05		.31					T.	.05						.65	.75				T.	T.						2.11
West Grove[2], 1.5 SE	Chester	.06		.03	.16	.02	.04	.03	.40						.02							1.21	.10										2.07
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga					.08	.10	.08		.22				.28							.32	.81	.05				.05	.03	.01			$2.03
Centerville[2]	Bradford					.16		.05	.05	.09	.05			.30	.35							.82	.38										2.25
Covington[2]	Tioga						.34				.22			T.	.08							.35	.79					T.					1.78
Lawrenceville	Tioga						.20	.10	.25	.18				.52	.05							1.25					T.						2.55
NORTH BRANCH																																	
Berwick[2]	Columbia			.02	.10		.06	.08	.51		.03				.68	.70			T.			.78	.45			T.							3.41
Canton[2], 1 NW	Bradford			.01	.01		.14	.05	.02		.16				.63	.22						.77	.50					.04	.03	.02			2.60
Danville[2]	Montour			.08	.09	.10	.13	*	.70		.02				1.20	.33						1.80	.42			.07							4.94
Freeland[2]	Luzerne		.01			.05	T.	.08		.08	.32				.22	.36						1.14	.46										2.72
Millville[1, 5]	Columbia			.08			.12	.42						.26	.82						.84	.26	.02										2.82
Monroeton[2], 2 S	Bradford					T.	.10	.02	.09		.24				.32	1.07						1.67	.39			T.		.01	T.	T.			3.91
Montrose[2], 3 E	Susquehanna						.26	.06	.37		.16				*	*						*	1.96			.02		T.		.04	T.		2.87
Orwell[2], 3 N	Bradford						.30	.12	.07		.03				1.04	.92						1.27	.37			T.				.02			4.14
Park Place[3], 1 NW	Schuylkill			.13	.01	.01	.02	.22		.16				.37	.29						.30	.98	.04		.02		T.						2.55
Pikes Creek[1, 5]	Luzerne						.06	.62						.39	.39						.25	.73											2.44
Rush[2], 6 S	Susquehanna					.38	.05		.25		.22				.28	.52						.67	.34			T.			.01				2.72
Scranton[1, 5]	Lackawanna			T.			.10	.48		T.				.22	.30	.01					.15	.44	.03		T		T.		.02			1.75
Susquehanna[2]	Susquehanna						.13	.06	.27		.01				.39	.67						.38	.53						.01				2.45
Towanda, 1 E	Bradford						.22	.08		.10				.02	1.56	T.					.06	1.67			T.	T.	.01		.03			3.75
Tunkhannock[1, 5]	Wyoming						.11	.48						.21	.83						.25	.69										2.57
Wilkes-Barre[3]	Luzerne					T.	T.	.66		T.				.20	.64						.28	.38					T.	T.				2.16
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga		.03	T.			.23	.04	.49		.08				.34	.35						.68	.22					T.	T.				2.46
Bald Eagle[1, 5]	Blair			.54		.02	.11			.07				.41	.14						1.24	.74										3.27
Carrolltown[2]	Cambria	.03		.40	.27		.26	.03	.28	.24	.10				.13	.12						2.00	.25			T.		T.					4.11
Carter Camp[1, 5]	Potter		.02	.02			.40	.08		.41				.07	.30						.28	.65										2.23
Cedar Run[2]	Lycoming			.06	.03		.27	.07	.12		.13				.33	.03						.96	.36										2.36
Clearfield[2]	Clearfield		T.	.15	.20		.34	.15	.72	.01	.14				.14	.06						1.57	.17			.05							3.70
Curwensville[3] 6 NW	Clearfield	T.	T.	.31	T.	.18	.24	.69	T.	.23			T.	.04	.33						1.13	.66			.01		T.	T					3.82
Driftwood[1, 5]	Cameron			.15			.38	.15	.01	.17				.18	.07						.58	1.02											2.71
Dushore[1, 5]	Sullivan					*	*	*	*	*	.60			.10	1.41						.44	.89							*	*	*	*	3.44
Eagles Mere[2]	Sullivan				T.	T.	.17	.02	.75		.21				.88	1.05						.75	.37					T.					4.20
Emporium[2], 1 E	Cameron		T.	.08	.01	.01	*	.26	.05		.09	.02			.24	.02						1.27	.14		.06	T.			T.				2.25
English Center[1, 5]	Lycoming					.34	.08		.24				*	*	*	*	1.00																$$$
Galeton	Potter		.07	T.			.22	.42		.22	T.				.39	.04						1.20				T.		.02					2.58
Karthaus[2]	Clearfield			.18	.20		.57	.27	.56	.02	.10				.41	.07						1.33	.20			.04		T.					3.95
Lock Haven[2]	Clinton			.09	.10		.14	.09	.25	T.	T.				.87	.01						1.28	.12			.04		T.					2.99
Medix Run[1, 5]	Elk			.26			.33	.20		.05				11	.13						.71	.87											2.66
Philipsburg[3], 7 E	Centre	T.	T.	.43	.01	.05	.31	.13	.03	.23	T.			.29	.13						1.16	.63			.02	T.	T.						3.42
Renovo[2]	Clinton			.03	.12		.33	.28	.43		.14				.42	.03						1.10	.22										3.05
State College[1, 5]	Centre	T.	.01	.44		.02	.34	17	T.	.07	T.			.30	.11						94	.88			.13		T.						3.41
Tamarack[2], 2 S	Clinton		T.	.11	.09	T.	.32	.14	.21	T.	.25			T.	.32	T.						1.00	.26			.01		T.	T.				2.71
Wellsboro[2]	Tioga		T.	T.			.30	.08	.69		.26				.29	.08						.80	.41					T.					2.91

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Daily Precipitation for October 1944 – Continued from page 75

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport[2]	Lycoming				.09		.24	.06	.65		.02				.44	.33						1.16	.22									3.21
Williamsport[2], 4 SE	Lycoming			T.	.10		.17	.03	.68		.05				.39	.12						1.09	.35					T.				2.98
JUNIATA																																	
Altoona, 4.5 W	Blair			.71			.17	.42		.03					.31						.37	2.05										4.06
Breezewood[1], 0.5 E	Bedford			.92			.03	.06		.18				.12	.25						1.34	.68			.02							3.60
Buffalo Mills[2]	Bedford	.38		.62	.38		05		.25						.26	.03						2.60	.08			.10						4.75
Burnt Cabins[1], 2 NE	Fulton			.70			.02	.42		.21				.63	.72						1.84	.67										5.21
East Waterford[2], 3 E	Juniata	T.		.23	.33	.02	.01	.04	.30		.05			T.	.96							1.24	.24			.01			T.				3 43
Everett[2], 0.5 SW	Bedford	.91		.51	.53		T.	T	.06		T.				.16	.30						2.52	.19			.03						5.21
Huntingdon[2]	Huntingdon	.01		*	.38	.26	.09	.11	.09		.02				.51	.10						1.73	.20			.10						3.60
Lewistown[2], 2 SW	Mifflin			.19	.25	T.	.15	.08	.15		.01	T.			.82	.08						1.89	.30			.02						3.89
Mapleton Depot[2]	Huntingdon	.01		.19	.44		.06	.10	.43		.01				.68	.18						1.83	.29			.02						4.24
Martinsburg[3]	Blair			.66	T.	.03	.23	.29		.02				.15	.29						1.56	.48			.05		T.	T.				3.76
McConnellstown[2], 4NW	Huntingdon																																
Neffs Mills[1, 5], 3.5 NE	Huntingdon			.48			.22	.23						.28	.10	*	*	*	*	*	*	*	1.60		.08								2.99
New Bloomfield	Perry			.45	T	T.	.02	.15	.02					.77	1.34						.20	1.89										4.84
Newport[2]	Perry			.12	.39	.01	.01	T.	.14		.07				1.09	.37						1.64	.34			.05						4.14
Saxton[2], 1 W	Bedford	.24		*	.64		.05		.11						.40	.11						1.85	.15			.05						3.60
Shade Gap[1, 5], 0.5 SW	Huntingdon			.65			.02	.52		.15				.90	.35						1.57	.50										4.66
Shaver Creek[2]	Huntingdon			.35	.16	.03	.11	.13	.16		.03				.38	.03						.93	.68										§§
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	.23		.42	.33	.03	.05	.02	.31		.12			.12	.81	.03						1.67	.08			.02							4.24
Bloserville, 1.5 N	Cumberland			.56	T	.02		T.	.06	T.	T.			.30	.68						.59	1.58			T.							3.79
Carlisle	Cumberland			.55	T.	T.	.02	.03						.34	.53	T.					.52	1.75				T.						3.74
Columbia	Lancaster			.34	.03	.02	.08		.18	.01				1.11	.12						.69	1.56			T.							4.14
Dauphin[2], 3 N	Dauphin	T.		.11	.31	.04	.01	.01	.29		.02				.62	.26						1.99	.20			.03							3.89
Ephrata	Lancaster			.37	T.	T.	.06	.02	.17	T					.10							.81	.34			T.							1.97
Glen Rock[1, 5]	York			.60			.08	.55							.51	.05						1.04	.33										3.16
Gordon	Schuylkill			.20			.05	T.	.17	.02					.73	.23						*	1.68			.02							3.10
Grantville, 4 NW	Dauphin			.39	.03	.02	.04	.03		.32					.36	.64						.51	1.07			.04							3 45
Hanover[2]	York	.14		.38	.39	.01	.01	.04	.70		.01				.01	.77	.12						1.30	.13		.05			T				4.06
Harrisburg Apt[1], 5, 3.5 S	Dauphin			.31	T.	T.	.03	.04		.01					.33	.22						1.72	.38		T.			T.				3.04
Holtwood[2]	Lancaster	.07		.14	.17	T.	.01	.02	.47		.02				.12	.24	T.						1.04	.03			.03						2.36
Huntsdale[2]	Cumberland	.11		.26	.45	.01	.01	.02	.05		03			T.	.96	.15							2.08	.29			T.						4.42
Kirkwood[1, 5], 1 SW	Lancaster																																
Lancaster	Lancaster			.30	.03	.02	.06		.21	.01				.15	.19						.34	.70			.02							2.03
Lebanon[2]	Lebanon			.10	.27	.03	.02		.10					T.	.45	.05						1.20	.15			T.				T			2.37
Middletown[1], 1.5 W	Dauphin			.33	T.	.02	.04	.04		T.				.14	.23						1.71	.43		T.								2.94
Millersburg[1, 5], 2 E	Dauphin			.36				.77						.51	.82						1.37	.28										4.11
Milroy[2], 5 N	Mifflin			.21	.20	T.	.03	.12	.55						.52	.04						1 42	.22			T.			T				3.31
Newburg[1], 3.5 NW	Cumberland		.01	.68			.06	.37		T.				90	.36						.79	.46										3.63
New Park	York			.61	.04	T.	.04		.75	.04				60	.25						1.10	.83										4.26
Pine Grove[2], 1.5 NE	Schuylkill			.11	.30	T.	T.	T.	.16		.08				.69	.24							.96	.75			.28						3.57
Ringtown[2], 1.5 SW	Schuylkill				.15				.08		.04			T	.23	.15							.30	.12									††
Selinsgrove	Snyder	T.		.26			.08	.35	.03					1.06	.37						.22	1.71				.07						4.15
Shamokin[2]	N'umberland			.04	.18		T.	.03	*		.38				1.08	.70						2.00	.42			.04							4.87
Shippensburg	Cumberland	T.		.68	.03	.02	.07		.02	.07				.28	.58						.52	1.15			T.							3.42
Sunbury[2]	N'umberland			.04	.21	T.	.12	.09	.52		.31				.75	.15							1.17	.46			.06		T.				3.88
Williamstown[2]	Dauphin			.12	.33	.04	T.	.04	.37		T.				.96	.37							1.97	.26			.06						4.52
Woodward[3], 2 NE	Centre		T.	.32	T		.15	.87		.05				.30	.29						1.13	.81			.02		T.					3.94
York, 3 SW	York			.57	.03	.02	.05		.62	.03				.70	.14						.48	.87				.02						3.53
York Haven[2]	York	.02		.14	.18	.02	.03	.02	.08						.68	.10						1.40	.21			T.							2.88
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin	.31		.29	.53			.03	.51		.05				1. 57	.04						1.12	.16			.01							4.62
Gettysburg	Adams			.85	.01	.01	.06		.30					.20	.34						.53	1.22			.01					T.		3.53
Hewitt, 2 SW	Bedford			1.00					.13		.20			.20	.30						*	2.04										3.87
Hyndman[2]	Bedford	.52		.39	.27		.07		.14					.07	.18	.09						2.00	.07			.12							3.92
McConnellsburg[2]	Fulton	.58		.48	.44			T.	.19		T.			T.	.41	.12						2.10	.13										4.45
Mercersburg[2]	Franklin																																
South Mt. San't'm[2]	Franklin	.39		.39	.56			.03	.17		.03				.85	.26						1.56	.19			T.							4.43
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny			.35	.21		.20	T.	.10	.02	.01			T	.63	.03						1.20	.15		.12	.10		.03					3.15
Allens Mills[1, 5]	Jefferson			.34			.11	.33		.02				.28	.08						.75	.76			.07							2.74
Blairsville[2], 6 NE	Indiana	T.		.56	.12		.08	T.	.30	.12	.09			T.	.40	.08						1.98	.19		.06			.01				3.99
Boswell[2], 6 NW	Somerset	.07		.64	.22		.09		.43		.03			.11	.54	.26						2.77	.35			.03							5.54
Bradford, 4 W	McKean			.05			.40		.04	.18	.08	.07			.45	.12						1.74			.10			T.				3.23
Brookville[3]	Jefferson	T.	T.	.33		.06	.17	.37		.04				.52	.01						.95	.44			.05							2.94
Buckstown[1, 5]	Somerset			.80			.13	.45							.48						2.16	.60			.01							4.63
Clarion[2], 3 SW	Clarion		.01	.18	.17		.30	.15	.18	.02	.01				.59	.05						1.12	.16		.08	.04			T.				3.06
Corry	Erie			.03			.09		.10	.09	.15	.14			*	.05						.60			.09			.10					1.44
Coudersport	Potter		.29				.51	.16		.19	.09			.04	.54	.02					.01	1.04	.21		.04								3.14
Derry	W'moreland			.82				.48		.15				.38	.35						.54	2.02			.03			T.					4.77
Donegal[1]	W'moreland			.75			.16	.44		.04				.32	.15						1.86	.80			.03		T.	T.					4.55
Dunlo[1, 5], 0.5 SW	Cambria			.63	.04		.18	.40						.07	.46						1.51	.86			.02								4.17
Ebensburg[2]	Cambria	.04		.58	.20		.27	T.	.32	.01	.06				.30	.07						1.64	.24			.01							3.74
Ford City[2], 4 S	Armstrong			.42	.14		.12	.02	.05	.04	.01				.75	.07						1.26	.09		.11	.04		.01					3.13
Franklin[2]	Venango	T.	.08	.20	.11		.62	.05		.11	.02	.04			.06							1.50	.03		.08	.05		.04					2.99
Glen Hazel[2], 1 NE	Elk	T.		.08	T	T.	.31	.05	.07	T.	.09	T.			.61	.07						1.06	.10		.02	T.	.01	T.	T.				2.47
Home[1, 5]	Indiana			.50			.20	.31	.06	.16				*	.12						1.09	.71	.01	.02	.15								§§3.33
Indiana	Indiana			.57			.15	.68	.03	.33					.12						.36	1.68			.04								3.96
Johnstown[6], 0.5 W	Cambria	.04	T.	.66			.14	.22		.06	T.			.03	.26						.68	1.18			.04		T.						3.31
Kane[1], 1 N	McKean		.03	.06		.40	.62	.05	.09	.16	T.			T.	.50						.54	.94			.12		.01	T.	T.				3.52
Kregar[1], 4.5 SE	W'moreland	T.		.83		T.	.08	.40	T.	.03				.20	.25						2.24	1.25			T.			T.					5.28
Lycippus, 1.5 E	W'moreland			.71			.17	.75	.25	.18				.13	.26						.60	1.95			.06								5.06
Marienville[1, 5]	Forest			.12		.27	.24			.02	.04			.12	.16							*	*	1.56	.11							2.64
Meadville[2], 1 S	Crawford		.04	.21	T.		.03	.04		.04	.07	.20			.04							.73			.17	T.		.12					1.69
Mosgrove[2]	Armstrong	T.		.20	.40		.08	T.	.14	.02	.01			T.	.65	.08						1.12	.21		.05	.09							3.05
Parkers Landing[2]	Armstrong			.20	T.		.57	.23							.41	.07						1.18	.10		04	.05							2.85
Pittsburgh Cty Of[1, 5]	Allegheny		T.	.46		.02	.09	.20	.02	.07				.26	.36						.89	.47			.16								3.00
Port Allegany[2]	McKean		.04	.04	.01		.45	.17	.01	T.	.10	T.			.24	.08						.86	.16		.02	.01		T.	T.				2.19
Punxsutawney[2]	Jefferson	.04	T.	.21	.22		.19	.08	.20	T.	.10				.28	.05						1.18	.13		.06	.01							2.75

Continued on page 77.

Daily Precipitation for October 1944—Continued from Page 76

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[3], 2.5 SE	Armstrong	T.	T	.24	.24	....	.14	.02	.39	.01	.04	....	....	....	.58	.04	....	....	....	....	....	1.31	.13	....	.06	.06	....	....	....	....	....	....	3.71
Ridgway[2]	Elk	....	T.	.10	T.	....	.31	.06	.18	T.	.04	T.	....	....	.26	T	....	....	....	....	....	1.11	.29	....	.03	.01	....	.01	T.	....	....	....	2.40
Saltsburg[2]	Indiana	....	....	.54	.18	....	.16	T.	.14	.14	.09	....	....	02	.57	.06	....	....	....	....	....	2.18	.09	....	.02	.05	....	T	....	....	....	....	4.24
Seward[2]	Indiana	....	....	.38	.29	....	.14	.02	....	.28	.16	....	....	....	.11	.06	....	....	....	....	....	1.94	.24	....	....	.10	....	....	....	....	....	....	3.72
Sheffield[1, 5], 6 W	Warren	....	....	.08	02	.15	.19	....	.01	.11	....	....	....	....	.07	....	....	....	....	....	.98	.56	....	....	.13	....	.04	....	....	....	....	....	2.34
Smethport[1, 5], 1 SW	McKean	....	.03	.05	....	.24	.40	.26	.01	.07	.02	....	....	.14	.30	....	....	....	....	....	.66	.85	....	.02	.10	....	....	....	....	....	....	....	3.15
Strongstown[1, 5]	Indiana	....	....	.66	....	....	.16	.12	....	.15	....	....	....	....	.05	....	....	....	....	....	1.10	.75	....	....	....	....	....	....	....	....	....	....	2.99
Tionesta[2], 1.5 SE	Forest	....	T.	.25	.02	....	.50	.04	.02	.03	T.	.05	....	....	.30	T.	....	....	....	....	....	1.37	.08	....	.20	.03	....	.01	T.	....	....	....	2.90
Titusville, 2 S	Crawford	....	.03	.21	T.	....	.32	T.	.04	.22	.04	.09	.01	....	.02	....	....	....	....	....	....	1.08	....	....	.21	....	T.	.16	....	....	....	....	2.48
Union City[1, 5]	Erie	....	....	.07	....	.10	.02	....	.11	.11	.17	.06	....	....	.04	....	....	....	....	....	.16	.34	....	.03	.05	....	•	.24	....	....	....	....	1.50
Vandergrift[1]	W'moreland	....	....	.65	....	....	.15	.35	.03	.02	....	....	....	.56	.40	....	....	....	....	....	.87	.99	....	....	.20	....	....	....	....	....	....	....	4.22
Warren[2]	Warren	....	.30	.10	T.	....	.18	.19	.20	.16	.13	.40	....	....	....	.13	....	....	....	....	....	1.23	.10	....	.06	.05	....	.10	T.	....	....	....	3.33
Youngsville[1, 5]	Warren	....	....	.04	....	....	....	....	....	.05	.05	....	....	....	.12	....	....	....	....	....	.69	.50	....	.02	.12	....	....	....	....	....	....	....	§§
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.17	....	.89	.41	T.	.17	T.	.47	....	T.	....	....	.01	.38	.09	....	....	....	....	....	2.38	.13	....	....	.02	....	T.	....	....	....	....	5.12
Connellsville[2]	Fayette	.03	....	.61	.31	....	.10	.05	.71	....	.09	....	.03	....	.50	T.	....	....	....	....	....	2.49	.29	....	T.	T.	....	....	....	....	....	....	5.21
Donora[1]	Washington	T.	....	.85	....	T.	.04	.70	....	.02	....	....	....	.44	T.	....	....	....	....	....	1.37	.88	....	....	.20	....	....	....	....	....	....	....	4.50
Greensboro[2]	Greene	.07	T.	.82	.47	....	.06	T.	.37	....	T.	....	....	.22	.31	.08	....	....	....	....	....	2.72	.10	....	....	.05	....	T.	....	....	....	....	5.27
Greensburg, 2 S	W'moreland	....	....	.59	....	....	.05	.52	.02	.05	....	....	....	.04	.44	....	....	....	....	....	.53	1.70	....	....	.13	....	....	....	....	....	....	....	4.07
Irwin	W'moreland	....	....	.54	....	....	.08	.29	.02	.08	....	....	....	.05	.72	....	....	....	....	....	.34	1.71	....	....	.15	....	T.	....	....	....	....	....	3.98
Meyersdale[2]	Somerset	.12	....	.52	.44	....	.04	T.	.22	....	.04	....	....	....	.33	.05	....	....	....	....	....	2.37	.08	....	....	....	....	T.	T.	....	....	....	4.51
Murrysville[1, 5]	W'moreland	....	....	.46	....	.03	.13	.05	....	.37	....	....	....	.81	.05	....	....	....	....	....	1.20	.64	....	....	.12	....	....	....	....	....	....	....	3.86
Newell[7]	Fayette	....	....	.85	....	....	.06	....	.14	.07	....	....	....	.08	.40	....	....	....	....	....	•	2.00	....	....	.22	....	....	....	....	....	....	....	3.82
Pittsburgh Arpt.[1, 5]	Allegheny	T.	T.	.51	....	.03	.02	.13	T.	.15	T.	....	T.	.65	.02	....	....	....	....	....	1.02	.37	....	....	.06	....	T.	T.	....	....	....	....	2.96
Rices Landing[2]	Greene	T	....	.76	.38	....	.04	.03	T.	....	.11	....	....	.10	.48	.10	....	....	....	....	....	2.12	.08	....	....	.14	....	....	....	....	....	....	4.34
Somerset	Somerset	.01	....	.81	....	....	.24	.31	....	.08	....	....	....	.18	.29	....	....	....	....	....	.90	1.75	....	....	....	....	....	T.	....	....	....	....	4.57
Springs[6], 1 SW	Somerset	.03	....	1.07	.01	....	.07	.47	....	.19	....	....	....	.21	.26	....	....	....	....	....	1.58	.98	....	....	.02	....	.01	T	....	....	....	....	4.86
Uniontown	Fayette	.15	....	1.13	....	....	.12	.28	....	.01	....	....	....	.23	.36	....	....	....	....	....	.82	2.02	....	....	.04	....	....	....	....	....	....	....	5.16
Waynesburg	Greene	.04	....	1.20	....	....	.16	.07	....	.06	....	....	....	.13	.17	....	....	....	....	....	.63	1.46	....	....	.18	....	....	....	....	....	....	....	4.10
BEAVER																																	
Beaver Falls[2]	Beaver	....	....	.02	.30	....	.72	....	T	T.	T.	T.	....	....	.49	....	....	....	....	....	....	1.23	T.	....	T.	.08	....	T.	....	....	....	....	2.84
Butler	Butler	....	....	.60	....	....	.40	1.04	....	T.	....	....	....	....	.58	....	....	....	....	....	....	1.61	....	....	.18	.04	....	.05	....	....	....	....	4.50
Farrell[2]	Mercer	....	....	.23	.08	....	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.90	....	....	.09	....	....	.10	....	....	....	....	1.45
Greenville	Mercer	....	....	.26	....	....	.26	....	.20	.17	.04	T.	....	....	T.	....	....	....	....	....	.02	.73	....	....	.17	....	.01	.12	....	....	....	....	1.98
Jamestown[2], 2 NW	Mercer	T.	....	.21	.03	....	.06	.02	....	.12	.03	.14	T.	....	....	T.	....	....	....	....	....	.55	....	....	.07	.03	T.	.16	....	....	....	....	1.42
Mercer Arpt.[3], 2.5 NE	Mercer	....	.01	.21	....	.10	.04	....	.14	.09	T.	....	....	.02	T.	....	....	....	....	....	.89	.28	....	.02	.14	....	.05	T.	....	....	....	....	1.99
New Castle, 1.5 N	Lawrence	....	....	.44	....	....	.21	.07	....	.03	....	....	....	....	.41	....	....	....	....	....	....	1.48	....	....	.17	....	....	.15	....	....	....	....	2.96
Pennline, 2, 1 S	Crawford	....	....	.20	....	....	.04	....	T.	.20	.07	.48	....	....	....	T.	....	....	....	....	....	.39	....	....	.03	....	....	.44	....	....	....	....	1.85
OHIO																																	
Claysville[2]	Washington	....	....	.61	.20	....	.09	....	.37	.04	.02	....	....	....	.81	....	....	....	....	....	....	1.17	....	....	....	.35	....	....	....	....	....	....	3.66
Coraopolis[2], 1 E	Allegheny	....	....	.27	.06	....	.09	....	.06	.12	....	....	....	....	.57	....	....	....	....	....	....	1.28	.06	....	.10	.07	....	.01	....	....	....	....	2.69
Midland[2]	Beaver	....	....	.23	.09	....	.72	....	.88	.02	....	....	....	....	.54	....	....	....	....	....	....	1.31	.04	....	.04	.06	....	T.	....	....	....	....	3.93
Mt. Lebanon[6]	Allegheny	....	....	.53	....	T.	.08	.15	.03	.18	.02	....	....	57	.16	....	....	....	....	....	.70	.85	....	....	.14	....	....	.02	....	....	....	....	3.43
Washington[1, 5]	Washington	....	....	1.00	....	....	.03	.59	....	.05	....	....	....	•	.55	....	....	....	....	....	1.08	.50	....	....	.20	....	....	....	....	....	....	....	§4.00
LAKE DRAINAGE																																	
Albion[2]	Erie	....	.07	.15	....	....	.02	....	*	.27	.59	.31	....	....	....	T.	....	....	....	....	....	.31	....	.03	....	....	.16	....	....	....	....	1.91
Erie[1, 5]	Erie	....	.03	.04	....	T.	.01	....	1.54	.99	.66	.30	....	....	T.	....	....	....	....	....	.07	.19	....	.01	.10	....	.01	....	....	....	....	....	3.95
Raymond[1, 5]	Potter	....	.04	....	....	•	.50	.42	....	.31	....	....	....	.03	.30	....	....	....	....	....	.33	1.11	....	....	.02	....	....	....	....	....	....	....	§3.06

[See page 80 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jamestown[2], 2 NW	Evaporation	.020	.068	.044	.054	.076	.020	.116	.138	.014	.016	.010	.022	.068	.074	.104	•	.160	.072	.050	.108	.028	.094	.046	.072	.036	.106	.038	....	....	....	....	1.899
	Wind movement	36	9	28	26	22	43	42	17	32	19	37	8	20	8	56	29	36	13	28	33	33	38	30	40	34	50	37	30	92	34	....	*960
Shaver Creek[2]	Evaporation	.022	.046	.054	.010	.034	.018	.060	.026	.030	.012	.034	.050	.044	.028	.160	.064	.158	.092	.068	....	....	....	....	....	....	....	....	....	....	....	....	§§
	Wind movement	5	2	1	9	1	0	5	14	6	6	6	3	1	1	105	34	51	0	5	....	....	....	....	....	....	....	....	....	....	....	....	§§
Wallenpaupack[2]	Evaporation	.052	.097	.101	.064	.024	.037	.057	.105	.117	.023	.177	*.046*	.066	.016	.090	.001	.177	.113	.125	.111	*.014*	.070	•	.201	.146	*.033*	.118	.228	*.078*	.095	.044	2.279
	Wind movement	53	0	53	29	54	56	99	118	62	32	50	23	33	12	135	110	74	61	95	69	19	156	79	168	45	70	80	153	98	171	59	2316

Italics mean minus quantity. [See page 80 for explanation of other references.]

Daily Temperatures for October 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	70	62	....	69	82	82	71	58	53	53	58	66	67	63	59	....	67	75	55	50	56	51	62	63	72	52	52	56	48	57	71	62 1[b]
	Minimum	50	43	....	41	49	65	52	50	49	45	38	35	34	39	32	27	32	37	45	31	42	36	28	38	48	31	33	26	39	30	32	39.2[a]
Allentown Arpt.[3-4] NE	Maximum	71	72	55	56	62	73	85	74	70	65	67	69	63	67	52	61	68	76	68	49	48	54	60	64	68	64	68	64	49	58	52	60	66	63.3
	Minimum	34	47	45	40	51	58	56	55	46	38	38	37	46	45	30	26	37	36	42	38	42	30	25	26	39	40	34	30	40	38	33	39.5
Allentown /-	Maximum	71	71	55	67	63	75	85	74	67	65	67	70	64	68	56	60	68	77	68	50	50	54	62	64	68	64	49	58	53	61	67	63.9
	Minimum	37	38	46	40	45	52	57	57	47	41	41	38	39	53	39	29	30	36	37	39	40	40	27	28	32	41	39	33	35	38	35	39.6
Altoona-4.5 SW	Maximum	70	66	60	61	66	80	82	63	56	58	57	61	62	68	61	61	70	77	70	60	52	55	64	52	72	65	48	56	54	61	66	63.2
	Minimum	49	48	41	45	50	58	59	49	45	39	42	33	42	51	30	27	35	42	48	37	40	32	27	35	38	37	32	26	38	34	32	40.0
Arendtsville[6]	Maximum	68	68	57	53	62	78	80	69	65	60	60	65	58	70	60	62	70	74	71	51	54	57	60	64	67	61	51	60	64	63	65	63.3
	Minimum	50	52	48	47	53	58	56	47	47	42	38	38	50	54	38	28	39	39	44	44	44	37	28	32	41	47	38	26	44	38	34	42.6
Berwick/	Maximum	66	65	58	55	65	75	81	65	62	58	63	65	58	68	50	63	66	71	52	52	48	54	59	62	67	59	45	56	50	67	66	61.0
	Minimum	40	44	45	40	40	52	53	50	45	43	39	39	41	48	38	29	29	34	35	35	37	38	25	25	32	40	39	28	28	34	36	38.1
Bethlehem[1]	Maximum	71	72	55	56	61	73	85	73	67	65	68	71	63	68	54	60	68	77	66	48	46	52	61	64	69	63	46	57	50	60	68	63.1
	Minimum	38	50	42	41	50	59	58	54	51	44	43	42	50	54	35	31	45	42	45	40	41	35	29	33	42	42	38	32	41	40	36	42.6
Bradford-4 W	Maximum	67	65	59	62	75	77	76	69	54	52	53	64	70	70	48	58	67	73	72	53	50	52	59	56	67	64	46	53	51	55	69	61 5
	Minimum	48	49	38	35	36	60	59	42	41	43	43	34	34	34	28	19	23	26	42	27	38	30	19	31	47	27	23	12	29	24	21	34.3
Brookville[5]	Maximum	71	65	54	66	80	79	72	59	52	53	51	67	71	66	52	58	68	71	64	45	54	54	56	52	68	54	38	54	52	59	70	60.6
	Minimum	46	46	41	46	49	63	40	41	45	44	38	33	42	39	35	25	21	27	29	32	37	34	24	20	33	37	30	21	21	29	26	27	35 0
Burnt Cabins[1-2] NE	Maximum	69	70	55	60	67	84	83	72	66	62	63	70	54	70	55	66	70	76	71	48	50	54	60	64	71	62	45	58	56	66	66	64.0
	Minimum	50	45	46	47	52	59	55	45	44	40	33	32	48	52	29	22	32	34	36	38	37	28	23	29	34	39	33	28	42	30	29	38.4
Butler	Maximum	66	65	64	63	77	83	81	71	60	56	56	66	71	71	65	60	67	70	75	67	50	56	56	60	68	72	55	50	53	57	66	64.4
	Minimum	45	40	45	43	45	65	61	47	14	45	41	32	45	50	30	22	30	30	36	39	38	35	22	40	39	32	37	24	30	28	27	38.3
Canton /-1 NW	Maximum	69	69	61	55	67	74	74	61	64	54	60	65	66	66	48	61	68	75	55	44	44	52	58	56	64	54	38	54	48	56	64	59.5
	Minimum	34	40	39	36	38	48	57	44	43	38	37	36	36	42	30	26	28	41	42	29	26	32	27	28	37	36	32	26	28	30	30	35.4
Carlisle[6]	Maximum	65	70	61	55	61	78	83	76	67	62	62	66	57	69	66	62	68	73	70	55	53	55	60	60	66	63	60	58	59	63	65	64.1
	Minimum	49	47	45	45	50	58	50	45	45	38	34	32	43	51	38	25	39	37	37	40	41	35	23	25	37	40	36	28	35	37	32	39.3
Chambersburg[6-1] SW	Maximum	66	72	58	57	63	79	83	70	63	61	62	68	55	69	64	63	70	73	73	52	52	56	60	64	68	63	55	59	57	62	65	63.9
	Minimum	48	46	46	47	53	59	57	47	47	38	37	35	47	53	37	27	34	37	42	42	39	36	27	29	38	43	37	34	42	38	35	41.2
Clarion[6-3] SW	Maximum	71	67	58	68	80	80	73	59	53	53	56	69	73	68	55	59	70	74	64	55	56	55	59	51	70	50	44	56	52	60	68	62.1
	Minimum	50	47	42	42	45	62	56	42	47	41	42	34	39	48	29	24	29	32	35	35	41	28	22	35	39	32	38	20	39	27	27	37.5
Claysville /-	Maximum	73	68	56	73	81	80	71	68	58	58	55	69	65	68	52	61	69	75	65	48	57	54	60	61	70	56	46	57	55	61	71	63.1
	Minimum	51	54	52	46	46	55	65	42	49	42	43	31	32	49	30	23	23	31	35	37	42	29	25	26	43	32	32	23	31	26	26	37 8
Coatesville[6]	Maximum	68	72	61	56	65	75	85	74	68	64	65	70	64	67	61	61	65	76	70	51	49	52	63	65	68	62	49	55	54	61	66	63 9
	Minimum	45	49	45	47	51	60	59	55	51	43	42	40	48	55	42	30	42	40	46	42	45	38	29	32	40	49	38	31	42	38	34	43 5
Columbia	Maximum	74	72	62	55	65	82	87	73	68	69	69	71	58	73	62	64	72	79	74	57	50	57	65	66	72	67	60	59	60	65	70	67.0
	Minimum	46	48	45	42	51	59	55	52	45	42	36	37	45	55	42	27	37	35	40	41	44	34	26	30	40	42	37	31	41	37	33	41.1
Corry	Maximum	69	63	59	62	76	78	72	63	53	50	55	64	70	63	49	59	66	73	62	48	53	53	59	56	68	51	40	55	51	58	69	60.2
	Minimum	46	45	41	40	39	65	54	46	47	46	45	36	32	46	31	21	36	28	35	26	38	32	19	44	45	32	32	20	36	25	25	37.2
Coudersport	Maximum	64	56	61	58	73	77	76	63	54	54	59	65	73	71	61	60	69	75	71	47	47	52	59	59	66	60	44	55	53	56	68	61 5
	Minimum	41	44	36	30	40	57	49	35	39	39	40	32	30	48	26	17	30	25	30	26	25	28	15	28	45	25	23	16	32	22	22	32.1
Curwensville[3-6] NW	Maximum	65	59	47	62	73	74	64	54	48	49	50	62	64	62	49	55	66	72	60	40	50	51	57	49	65	52	35	52	51	57	65	56.7
	Minimum	47	44	37	43	46	60	43	42	39	41	37	36	47	55	27	25	32	40	37	34	32	28	28	41	42	31	23	23	33	30	36	36 7
Derry	Maximum	72	70	59	70	83	81	79	60	58	57	56	69	64	68	65	60	66	76	66	56	56	56	62	56	72	61	46	56	56	60	73	64.2
	Minimum	53	52	49	47	48	66	50	46	49	45	44	34	49	52	31	24	34	33	40	37	41	35	24	37	37	34	36	29	40	30	34	40.6
Donegal[1]	Maximum	68	64	56	71	82	78	79	58	55	57	55	66	63	65	48	57	63	73	65	48	51	50	60	55	69	54	42	53	50	59	70	60.8
	Minimum	50	48	47	46	48	60	56	42	40	37	38	33	47	44	26	20	29	32	38	35	27	22	36	39	36	25	23	30	24	28	36.7
Donora[1]	Maximum	76	70	62	75	86	85	76	62	61	57	60	69	68	71	55	63	72	79	68	56	60	55	61	62	74	60	46	58	58	65	74	66.0
	Minimum	55	58	53	48	55	68	57	50	51	45	47	39	52	53	39	29	39	42	41	44	49	32	30	44	44	43	36	32	45	33	35	44.8
Eagles Mere /	Maximum	63	57	55	50	57	67	71	57	55	51	57	60	69	62	43	56	65	75	55	47	42	47	55	56	61	55	38	55	45	57	62	56.3
	Minimum	39	42	37	37	42	42	55	44	43	39	35	35	41	41	30	26	26	38	44	32	35	30	30	30	37	37	30	26	26	30	29	35.7
East Waterford-3 E	Maximum	61	62	44	49	56	75	76	63	58	52	56	62	54	61	59	57	64	73	65	48	42	49	56	55	66	59	45	52	50	58	62	57.7
	Minimum	47	51	40	42	48	54	62	50	46	40	40	44	48	49	33	34	42	52	48	37	38	33	38	45	47	44	30	28	35	37	40	42 6
Ebensburg /	Maximum	67	64	53	69	80	77	75	59	52	55	53	64	65	61	49	65	67	73	65	43	48	49	60	52	69	52	38	51	49	56	71	59.7
	Minimum	44	47	42	41	44	54	60	42	46	39	42	29	30	36	29	24	24	35	39	37	37	31	24	26	38	38	30	24	30	31	31	36.3
Emporium /-1 E	Maximum	68	63	55	60	77	80	71	60	54	58	56	68	76	68	53	62	73	77	62	47	55	57	62	62	70	58	40	58	53	62	71	62 5
	Minimum	33	48	40	36	40	49	50	41	45	42	45	37	35	40	30	21	28	29	31	....	....	....	20	21	33	29	25	17	27	27	29	33 7[c]
Ephrata	Maximum	71	72	63	54	65	77	86	75	66	65	67	70	63	68	62	60	63	75	72	55	50	53	62	64	69	63	54	56	55	62	67	64.6
	Minimum	45	47	45	48	51	61	67	53	47	41	38	38	48	56	41	28	37	37	41	43	44	36	28	32	42	44	38	33	43	36	39	42.8
Erie[1]	Maximum	68	62	61	62	82	75	71	60	53	53	53	60	66	62	50	57	63	69	62	51	55	47	61	66	68	52	43	57	48	55	73	60.2
	Minimum	53	50	47	42	55	68	59	51	47	47	48	44	46	43	39	39	43	52	42	41	43	37	38	50	47	41	38	35	39	41	44	45.5
Everett[1-0.5] W	Maximum	71	71	56	68	72	82	83	70	61	60	61	67	61	70	55	64	70	76	70	45	53	56	62	52	71	60	44	57	56	64	68	63.7
	Minimum	50	46	46	46	52	58	53	43	40	36	34	33	48	51	32	24	33	32	36	40	40	30	23	28	39	39	33	30	42	32	28	38.6
Farrell	Maximum	69	69	59	63	78	78	78	71	58	50	53	62	66	66	59	59	67	71	71	57	52	52	57	57	69	69	48	57	55	57	66	62.7
	Minimum	52	51	47	43	47	65	57	51	46	42	42	35	43	45	30	20	28	31	39	36	41	31	23	46	43	35	27	23	39	28	25	39.1
Ford City-4 S	Maximum	72	74	70	70	82	82	84	72	59	59	58	79	70	69	70	62	73	76	77	69	61	61	63	66	72	75	56	58	64	64	73	69 0
	Minimum	49	48	43	39	44	63	60	44	48	43	38	34	41	49	31	24	29	32	32	38	41	30	22	33	36	33	34	30	39	25	24	37.9
Franklin /	Maximum	72	65	58	67	80	81	75	59	54	52	56	69	74	68	54	61	70	76	64	49	56	56	60	55	72	53	52	58	58	62	70	63.1
	Minimum	38	50	47	47	46	46	64	45	50	41	42	39	37	42	30	25	25	32	34	34	35	34	24	24	43	35	34	24	24	30	29	37.1
Fredericksville-1 S	Maximum	69	68	58	54	61	73	82	71	64	62	64	66	61	66	61	54	66	74	67	48	48	53	59	64	67	63	55	55	59	60	66	62.2
	Minimum	37	43	41	40	49	59	55	48	41	35	37	36	44	54	37	23	32	34	40	38	41	34	23	28	30	41	35	29	40	30	35	38.5
Freeland	Maximum	64	62	56	51	66	71	78	62	59	55	60	63	63	60	58	53	62	70	65	45	48	48	58	60	61	58	44	54	47	52	61	58 4
	Minimum	38	46	39	39	46	54	62	49	43	38	38	40	47	50	30	28	36	43	45	34	37	31	33	35	43	40	30	27	33	31	37	39.4
George School	Maximum	72	73	63	58	65	73	85	77	70	69	69	72	64	68	64	61	69	78	74	68	51	57	62	68	71	67	49	60	56	64	68	66.6
	Minimum	42	50	44	44	53	62	57	55	46	44	40	40	52	48	41	29	38	39	49	43	45	39	29	31	37	45	38	33	41	33	34	42.6
Gettysburg	Maximum	66	69	67	54	62	77	83	77	67	61	61	65	64	68	67	59	67	73	72	65	54	53	59	64	68	67	60	60	60	62	66	65.1
	Minimum	51	49	45	48	53	60	58	51	53	43	39	38	52	55	42	30	41	39	44	44	45	36	29	32	41	44	38	28	44	39	34	43.4
Gordon	Maximum	67	64	62	52	68	78	82	65	64	60	64	67	62	67	48	61	66	75	68	55	47	51	61	66	67	63	52	55	53	58	65	62.4
	Minimum	35	49	43	38	50	58	60	44	38	38	32	32	40	53	36	21	30	30	38	32	42	36	19	27	38	38	36	27	38	30	33	37.5
Greensburg-2 S	Maximum	72	69	64	72	82	80	76	64	58	57	56	69	65	68	64	60	68	75	66	49	56	54	61	58	72	60	50	56	55	61	72	64.2
	Minimum	54	48	50	42	45	65	57	40	50	41	44	32	39	49	29	21	27	30	29	36	42	29	20	28	35	31	35	22	39	22	23	37.2
Hanover /	Maximum	69	70	50	55	63	78	84	78	65	63	61	68	57	70	57	62	68	76	71	48	53	55	62	66	70	63	45	59	60	62	68	63.7
	Minimum	50	49	48	45	49	54	60	54	53	43	41	40	43	53	42	31	32	41	44	43	44	34	32	33	37	43	34	32	33	32	39	37	42.4
Harrisburg Arpt. [1-3.5] S	Maximum	66	68	54	54	62	80	84	71	66	62	64	68	57	70	54	62	70	77	68	49	53	55	62	62	70	62	45	59	58	63	69	63.4
	Minimum	50	50	46	49	53	60	56	52	49	44	43	40	52	54	34	30	44	42	45	44	45	34	29	33	40	46	39	34	45	43	39	44.0
Hawley-0.5 E	Maximum	69	68	59	59	70	74	82	74	68	63	63	67	66	62	56	58	66	76	62	50	45	51	62	66	67	61	49	55	50	53	64	62.4
	Minimum	30	38	38	30	42	57	51	49	39	38	32	37	38	52	36	22	31	29	38	27	41	35	19	27	37	36	35	23	37	31	28	35.6
Hewitt-2 SW	Maximum	78	73	68	65	69	83	85	69	65	65	65	71	66	70	67	65	72	78	71	51	54	60	63	62	71	63	57	60	60	68	70	67.2
	Minimum	52	46	48	46	54	60	49	41	35	36	35	29	45	53	37	21	30	30	39	40	30	20	26	38	35	34	25	41	27	26	37 4
Holtwood[1]	Maximum	69	69	57	58	64	81	83	73	64	64	63	72	60	72	61	63	67	79	70	53	53	54	63	64	66	61	48	57	57	63	66	64.3
	Minimum	54	55	49	51	54	63	61	55	55	50	46	46	55	59	37	48	46	49	48	48	48	37	34	40	45	46	41	37	45	43	41	47.6
Huntingdon	Maximum	72	67	56	58	64	84	85	66	58	60	62	69	59	71	55	65	73	79	70	54	52	58	65	49	72	60	49	60	58	64	70	64.0
	Minimum	49	46	45	48	53	59	51	44	46	40	33	34	46	53	37	23	31	32	33	35	36	35	22	28	40	35	33	22	41	29	27	38.3
Indiana	Maximum	70	70	65	68	81	80	77	65	56	54	53	66	68	67	64	58	66	74	64	64	54	53	59	58	69	59	49	55	54	59	70	63.5
	Minimum	51	49	46	44	51	65	60	45	48	41	42	38	49	50	33	27	33	38	40	42	41	33	28	39	42	38	34	26	39	29	30	41.0

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Irwin	Maximum	74	69	69	70	83	83	81	65	58	57	55	70	69	70	65	60	70	75	75	64	57	55	61	61	70	70	59	56	55	61	71	66.1
	Minimum	53	51	48	43	50	61	63	46	50	42	45	34	45	51	33	24	33	33	38	41	42	33	23	39	38	35	36	27	40	28	29	40.5
Jamestown/-2 NW	Maximum	73	66	62	69	84	82	78	60	53	54	59	66	70	69	52	63	70	76	62	51	57	56	63	63	75	57	46	59	52	63	72	63.9
	Minimum	42	47	44	37	44	50	61	43	46	40	40	31	31	38	29	19	20	28	34	34	36	31	22	24	41	30	30	21	23	25	26	34.4
Johnstown[6]-0.5 W	Maximum	68	68	58	72	82	80	79	62	55	56	54	67	62	66	51	59	66	76	67	52	52	53	63	54	71	59	44	55	52	60	72	62.4
	Minimum	50	48	46	46	52	60	60	49	48	42	42	32	44	44	33	25	35	33	40	40	39	37	23	34	37	38	33	27	37	35	28	39.9
Kane[1]-1 N	Maximum	67	59	54	63	76	76	74	56	51	51	55	64	70	64	47	58	67	73	55	45	50	52	52	55	66	50	37	55	47	58	68	58.5
	Minimum	42	40	32	27	37	54	38	35	43	42	40	27	30	37	22	18	21	21	28	23	28	21	17	30	37	26	19	16	28	25	26	30.0
Lancaster	Maximum	69	70	67	55	64	76	82	76	67	63	62	66	63	68	65	59	65	73	70	66	58	54	61	64	69	66	59	57	58	58	66	65.0
	Minimum	43	44	45	46	51	59	54	53	47	41	37	35	45	55	41	27	33	33	37	40	43	33	26	29	37	37	35	29	42	31	31	40.0
Lawrenceville	Maximum	68	64	65	66	77	78	79	67	59	57	62	67	72	68	62	62	72	80	64	47	44	63	63	59	70	60	45	59	53	54	69	63.7
	Minimum	40	45	40	29	42	58	50	42	40	39	35	38	36	50	32	22	32	29	35	27	38	33	20	35	36	30	35	20	34	25	26	35.3
Lebanon /	Maximum	72	71	51	54	64	80	86	73	69	65	68	71	60	71	53	63	70	78	69	49	50	54	63	66	71	63	64	59	56	64	68	65.0
	Minimum	44	47	47	45	49	58	55	50	47	42	37	39	40	54	38	28	29	37	39	12	42	39	27	28	34	43	39	30	34	38	39	40.5
Lewistown/-2 SW	Maximum	70	67	60	67	62	75	74	67	61	58	62	59	62	70	65	65	70	78	68	51	52	52	53	53	68	67	42	58	55	65	68	62.7
	Minimum	47	42	45	41	48	50	52	42	47	44	41	35	49	50	40	24	35	34	36	38	40	38	21	25	33	39	33	28	32	34	32	38.5
Lock Haven[6]	Maximum	69	64	58	57	70	82	80	62	59	59	66	70	70	72	58	67	75	78	66	47	52	60	64	51	64	62	50	61	57	65	70	64.0
	Minimum	50	47	42	44	51	57	53	45	48	43	38	35	42	50	33	25	33	34	38	33	42	29	24	30	39	35	33	24	40	31	36	38.6
Marcus Hook[1]	Maximum	70	73	58	59	70	75	86	78	75	72	69	72	67	71	65	63	68	78	74	51	54	55	64	69	61	65	49	59	56	63	69	66.4
	Minimum	47	55	45	50	54	65	63	59	57	49	47	46	56	58	42	37	47	50	51	48	46	42	38	45	46	47	39	37	46	44	44	48.4
Martinsburg[3]	Maximum	68	65	50	60	70	78	78	60	54	52	55	65	55	65	52	58	66	75	67	43	48	54	59	51	69	54	41	54	53	59	65	59.5
	Minimum	50	59	44	45	52	59	56	47	44	40	36	32	48	43	32	28	39	41	43	40	40	30	28	38	36	38	30	30	38	35	32	40.1
Mauch Chunk-1 SW	Maximum	64	66	65	54	59	68	78	74	63	58	60	62	...	60	....	56	60	69	69	58	49	49	54	60	62	60	48	54	52	54	57	60.1[b]
	Minimum	32	44	44	34	50	57	53	48	38	39	32	32	...	54	....	22	31	29	35	32	42	37	20	26	34	40	37	30	39	33	28	37.0[b]
Meadville /-1 S	Maximum	70	63	59	68	79	81	75	56	50	51	59	67	69	67	49	62	70	74	59	49	49	55	60	60	71	55	42	58	50	61	69	61.5
	Minimum	44	49	45	39	44	51	57	45	48	42	42	38	37	39	26	22	24	30	34	32	38	32	23	24	44	31	32	22	23	26	27	35.8
Mercer[3]-2.5 NE	Maximum	69	64	58	65	80	78	72	57	51	50	53	65	69	65	50	58	67	72	60	46	53	51	58	55	70	50	42	55	48	60	68	60.0
	Minimum	50	49	44	46	52	63	48	49	44	41	41	36	44	39	25	21	29	34	40	38	40	26	27	43	39	34	23	23	30	28	36	38.1
Middletown[1]-1.5 W	Maximum	67	69	53	54	62	80	84	72	65	62	64	68	57	70	54	62	69	76	69	49	53	54	62	64	69	61	49	58	58	63	68	63.4
	Minimum	49	47	45	48	51	61	57	49	46	42	38	38	48	54	34	28	40	42	44	40	42	32	28	32	40	40	35	35	42	39	35	41.8
Midland[6]	Maximum	72	70	60	65	81	80	69	61	60	58	57	66	70	69	51	59	64	69	63	50	56	51	59	57	70	55	46	60	53	58	67	62.1
	Minimum	55	56	49	46	53	63	55	50	47	45	46	41	49	50	37	28	36	39	41	44	44	35	29	43	43	38	32	28	41	34	33	42.9
Montrose /-3 E	Maximum	66	60	59	53	65	70	75	59	60	51	...	...	...	...	...	...	...	...	...	...	...	...	...	57	57	63	51	36	50	39	46	62	§§
	Minimum	38	40	36	36	37	45	56	48	43	42	37	...	...	...	...	...	...	...	...	...	...	...	...	30	36	36	31	24	25	31	33	§§
Mt. Lebanon[6]	Maximum	74	67	59	72	83	82	71	61	59	53	56	68	67	70	51	61	72	77	64	51	57	55	62	55	72	57	46	58	55	64	73	63.6
	Minimum	53	55	48	45	55	65	55	47	46	43	45	37	49	49	35	27	37	40	45	43	38	34	28	46	46	39	32	27	40	32	37	42.5
Mt. Pocono[3]-2 N	Maximum	65	63	57	53	68	71	79	65	60	59	59	72	67	59	44	55	61	74	56	46	43	45	57	62	61	55	39	50	41	51	59	57.9
	Minimum	32	39	32	32	44	56	56	46	38	36	37	38	41	39	25	28	39	39	36	33	36	30	30	30	37	33	28	25	33	32	32	35.9
New Bloomfield	Maximum	68	65	65	58	60	78	82	68	63	62	63	67	64	69	67	64	70	76	67	59	51	55	61	60	68	65	50	58	57	63	66	64.2
	Minimum	41	44	39	46	50	57	50	44	42	36	33	31	43	50	37	23	35	33	37	35	41	32	22	26	37	38	35	28	37	32	28	37.5
Newburg[1]-3.5 NW	Maximum	70	71	53	58	63	80	83	72	66	62	64	68	56	70	56	64	70	74	74	54	56	62	60	66	69	69	46	59	58	65	67	64.7
	Minimum	52	49	46	47	52	58	56	47	46	40	38	38	48	54	34	28	40	42	44	40	42	32	28	32	40	40	35	35	42	39	35	41.9
New Castle-1.5 N	Maximum	78	73	69	70	83	82	77	63	62	54	57	68	73	69	65	68	71	76	74	65	58	56	62	61	73	70	51	60	58	62	70	67.0
	Minimum	53	49	47	43	66	64	48	48	49	41	43	35	42	48	29	25	30	31	36	35	43	28	24	44	41	33	35	25	41	28	27	39.7
Palmerton[1]	Maximum	70	68	55	55	62	70	81	69	64	62	65	66	59	67	50	60	67	74	63	50	47	52	60	65	66	62	47	58	51	60	66	61.6
	Minimum	37	47	42	42	51	60	57	49	41	37	36	37	45	50	30	26	32	34	38	35	40	30	25	32	43	43	37	32	42	37	32	39.3
Park Place[3]-1 NW	Maximum	63	61	55	48	58	70	77	63	59	54	58	63	58	62	43	56	62	72	57	44	41	46	55	59	60	55	39	50	43	53	59	56.2
	Minimum	43	42	39	45	46	56	57	47	43	40	39	45	51	40	32	29	39	48	36	36	37	36	34	38	43	35	31	26	35	34	37	40.0
Philadelphia Arpt [1]	Maximum	70	72	54	58	67	74	85	75	70	67	67	71	65	70	58	61	67	76	71	55	54	55	61	66	70	63	49	58	55	62	67	64.9
	Minimum	44	53	45	50	54	61	58	56	49	46	45	43	56	57	36	32	43	40	49	47	42	36	31	34	39	45	37	35	39	37	40	44.5
Philadelphia C.O.[1]	Maximum	72	73	56	58	66	72	84	76	70	68	68	72	64	69	59	60	68	76	72	55	52	56	60	65	70	65	48	59	55	63	67	65.1
	Minimum	48	56	45	52	55	63	62	62	56	52	50	51	57	58	45	40	48	52	51	48	48	43	42	44	46	48	40	36	46	45	44	49.5
Phila. Shawmont	Maximum	72	72	71	57	66	74	84	75	71	67	68	71	66	69	64	62	68	75	74	68	51	55	60	66	68	66	59	57	54	61	66	66.4
	Minimum	43	50	44	48	53	62	59	59	46	46	44	42	50	52	44	29	39	38	45	46	45	38	28	35	40	46	38	34	43	34	36	43.7
Philipsburg[3]-7 E	Maximum	66	59	49	54	61	76	75	57	51	54	54	60	62	64	48	57	66	73	62	42	47	51	56	52	67	52	38	51	51	57	62	57.2
	Minimum	42	39	37	42	48	53	45	34	40	38	27	25	44	37	20	15	29	33	37	36	34	22	17	30	37	30	25	23	34	27	26	33.1
Phoenixville-1.5 SE	Maximum	72	68	60	57	74	79	90	89	80	73	72	74	68	76	67	72	75	84	81	56	50	53	64	62	70	73	69	65	70	71	75	70.6
	Minimum	37	44	44	49	52	63	54	54	42	39	35	35	48	56	42	28	32	32	31	31	44	33	23	30	38	42	39	27	39	31	30	39.5
Pittsburgh Arpt Sta.[1]	Maximum	73	66	56	72	82	80	70	58	57	53	56	68	64	67	52	60	69	76	64	48	56	52	61	54	70	55	45	57	54	62	71	62.2
	Minimum	53	55	48	46	56	65	55	49	47	44	43	42	49	46	35	33	42	45	48	42	44	36	31	45	46	40	32	29	40	35	40	43.9
Pittsburgh City Office[1]	Maximum	75	69	58	73	84	82	72	62	60	55	58	68	66	70	53	62	72	78	67	50	57	54	62	56	72	56	46	59	54	63	73	64.1
	Minimum	56	57	49	48	55	68	58	53	50	48	48	43	52	48	38	34	42	42	46	45	46	39	33	49	46	42	36	35	43	37	38	45.9
Port Clinton /	Maximum	70	62	52	65	63	71	82	69	63	63	65	67	67	66	50	58	65	75	65	61	49	52	59	62	62	60	42	50	52	65	65	61.8
	Minimum	43	38	45	42	50	54	53	52	43	42	34	33	35	52	32	25	37	34	37	35	43	34	25	31	38	38	34	28	40	31	29	38.7
Putneyville-2.5 SE	Maximum	72	67	58	69	80	80	74	66	55	53	57	67	68	67	57	60	70	73	63	56	55	53	58	52	70	60	44	56	53	61	70	62.7
	Minimum	49	49	41	46	47	64	62	43	47	43	41	35	41	49	31	23	29	32	35	39	40	31	22	36	39	31	31	22	32	27	30	38.3
Quakertown-0.5 E	Maximum	65	69	63	57	64	72	87	75	64	63	62	66	63	65	62	57	64	73	65	55	48	51	59	61	65	62	52	55	53	58	64	62.5
	Minimum	32	42	44	33	46	57	51	55	41	37	35	33	44	54	38	23	35	30	37	38	42	37	22	27	34	49	35	28	40	32	29	38.1
Reading[1]	Maximum	72	73	54	55	65	78	85	72	66	65	67	70	65	69	54	61	69	77	72	51	50	56	62	66	71	64	51	58	55	62	68	64.6
	Minimum	44	51	45	50	52	62	61	54	51	45	44	41	50	53	37	33	44	40	47	45	43	36	31	36	45	46	39	35	44	42	41	44.7
Ridgway /	Maximum	69	62	53	67	78	79	72	56	52	52	54	68	73	68	53	61	72	75	62	46	54	57	59	56	68	54	40	57	54	61	71	61.4
	Minimum	34	45	40	39	43	47	56	37	42	41	44	34	33	33	30	20	19	27	30	30	33	27	16	16	35	30	24	15	15	25	24	31.7
Scranton[1]	Maximum	67	64	59	57	66	74	81	68	63	58	63	66	64	65	49	58	65	75	57	52	47	49	60	66	68	56	42	55	45	52	66	60.5
	Minimum	36	48	39	36	51	59	59	53	45	44	38	43	45	49	35	28	42	37	39	35	42	32	27	34	45	39	36	32	37	38	36	40.6
Selinsgrove	Maximum	67	66	63	54	61	77	82	65	64	59	65	66	64	70	68	63	76	73	69	55	50	55	60	59	66	65	55	59	57	62	66	63.9
	Minimum	45	44	43	42	51	57	51	47	45	39	35	36	43	52	32	25	37	34	37	35	43	34	25	31	38	38	34	28	40	31	29	38.7
Somerset	Maximum	67	68	61	72	80	76	77	60	56	54	56	63	59	63	59	59	68	76	67	59	51	55	53	59	68	61	44	52	52	60	70	62.1
	Minimum	48	43	46	45	45	62	54	42	46	35	42	28	40	43	30	19	28	28	30	36	38	28	20	29	32	31	32	24	35	25	24	35.7
Springs[6]-1 SW	Maximum	66	67	59	71	77	74	75	59	51	52	51	61	56	62	56	58	66	72	73	53	49	53	58	58	66	56	41	50	49	59	66	60.1
	Minimum	47	47	45	44	46	59	56	38	37	33	38	31	45	44	30	22	28	33	36	38	38	30	24	30	35	35	32	25	33	34	30	36.9
State College[1]	Maximum	65	60	48	55	65	79	79	59	55	56	59	65	59	67	52	61	69	74	65	45	48	54	60	53	68	57	43	54	54	60	64	59.7
	Minimum	51	47	41	48	53	59	58	47	45	43	40	35	46	47	34	27	39	43	44	36	41	36	28	39	37	43	32	27	40	35	38	41.3
Stroudsburg-2 E	Maximum	73	74	72	63	65	70	86	79	70	68	69	70	69	67	66	63	71	80	76	62	50	56	62	64	68	65	67	62	59	57	61	67.3
	Minimum	33	40	41	36	51	59	55	48	39	39	34	39	44	55	53	22	31	30	37	30	42	35	20	26	37	40	38	26	41	30	27	38.0
Tamarack /-2 S	Maximum	59	55	47	50	65	73	64	54	48	54	60	68	66	65	48	59	67	75	56	41	42	53	57	51	67	58	36	54	49	58	63	56.7
	Minimum	38	48	36	35	42	47	57	44	44	40	41	41	42	49	28	28	28	38	45	33	33	29	29	30	41	37	28	23	24	31	31	36.8
Tionesta /-1.5 SE	Maximum	70	65	56	67	79	79	75	58	51	51	57	66	73	67	49	58	68	74	61	48	54	55	59	51	69	52	40	55	50	59	68	60.8
	Minimum	38	42	40	40	44	44	54	41	49	43	42	34	34	40	28	24	24	31	31	30	31	30	20	32	42	32	31	22	22	28	26	34.5
Titusville-2 S	Maximum	69	67	61	69	79	81	79	70	51	49	58	66	72	67	51	59	69	74	71	54	53	55	59	57	69	63	43	56	52	60	69	63.0
	Minimum	48	48	40	49	45	63	61	44	45	40	42	31	35	45	28	20	29	30	42	31	38	31	21	42	45	29	31	21	36	26	31	37.4
Towanda-1 E	Maximum	71	64	64	57	70	77	78	66	64	55	64	68	62	68	61	64	71	78	57	48	46	54	62	59	69	57	43	60	49	57	69	62.3
	Minimum	37	44	41	31	38	57	51	44	39	40	33	36	36	52	30	22	39	29	38	29	41	36	21	31	37	35	36	27	36	31	28	36.3
Uniontown	Maximum	75	72	65	75	84	83	77	65	59	60	57	71	69	72	65	67	74	78	69	61	57	59	65	64	75	66	50	60	59	67	74	67.5
	Minimum	54	57	52	53	53	66	64	49	51	41	43	38	51	52	36	27	34	37	38	44	42	35	27	38	40	40	38	30	43	29	31	43.0

Continued on page 80.

Daily Temperatures for October 1944—Continued from page 79.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum	74	69	59	71	84	83	73	58	58	57	56	70	72	71	56	63	72	76	67	49	60	51	62	54	73	58	48	60	59	62	73	64 5
	Minimum	54	51	47	43	49	65	55	47	49	46	43	38	45	52	35	28	33	36	35	43	39	33	25	37	40	32	31	27	38	29	28	40.4
Warren	Maximum	68	59	60	63	76	79	76	63	52	49	57	69	74	70	52	63	73	79	61	46	52	54	59	50	67	56	38	54	49	59	70	61.2
	Minimum	47	48	41	39	43	59	56	42	45	44	45	38	37	46	30	24	34	33	36	30	39	34	23	38	48	33	29	21	37	29	28	37.9
Waynesburg	Maximum	74	70	65	71	82	79	77	65	58	53	56	71	64	67	64	63	71	78	73	60	57	57	63	60	72	67	48	57	58	64	72	65.7
	Minimum	52	54	51	49	49	64	61	41	47	35	44	32	47	48	32	23	29	33	33	42	40	34	23	34	37	36	35	25	39	25	26	39.4
Wellsboro/	Maximum	70	56	66	60	71	77	75	61	56	60	64	63	70	67	48	61	69	77	55	46	44	53	60	60	69	54	38	59	48	52	67	60.5
	Minimum	35	42	40	32	37	49	52	39	38	38	36	32	35	40	32	20	20	27	27	26	26	33	18	18	35	27	27	19	20	27	25	31.4
West Chester	Maximum	70	71	63	56	64	74	86	74	65	66	67	70	65	69	60	62	68	78	71	50	50	55	63	67	69	65	48	58	55	62	70	64.9
	Minimum	45	48	42	46	51	61	59	58	47	45	42	41	51	55	41	30	40	42	47	42	43	36	29	37	43	46	38	31	41	35	39	43.6
Wilkes-Barre[3]	Maximum	71	65	62	57	67	76	82	68	68	60	65	66	61	68	51	60	69	74	59	51	47	52	61	67	68	60	44	57	48	59	67	62.3
	Minimum	36	43	36	35	52	55	51	48	41	38	34	39	43	45	27	26	34	33	35	33	41	26	25	30	40	40	35	26	31	31	32	36.8
Williamsport	Maximum	67	64	60	56	62	74	76	65	62	60	67	66	66	71	62	65	72	76	65	53	50	57	60	56	67	66	51	61	56	63	66	63.3
	Minimum	36	46	43	39	51	57	54	44	41	40	38	36	40	52	35	26	35	33	37	38	41	35	22	30	39	34	35	27	39	33	30	38.1
Williamstown	Maximum	67	64	63	53	62	78	83	72	69	60	65	68	67	69	67	60	68	76	74	59	48	54	61	69	69	67	58	57	56	60	67	65.0
	Minimum	38	41	43	45	48	57	51	45	39	35	33	31	41	51	36	21	38	31	34	35	41	36	20	27	37	42	36	32	39	38	32	37.8
Woodward[3-2 NE	Maximum	58	59	48	49	63	74	75	57	52	52	58	61	62	63	47	57	65	73	57	40	42	48	56	55	66	54	34	52	49	57	60	56 2
	Minimum	48	42	38	43	48	55	52	46	41	40	39	40	48	40	30	29	39	48	36	34	36	30	35	41	44	31	28	24	34	32	40	39.1
York-3 SW	Maximum	72	72	70	55	65	82	85	79	69	65	67	71	71	72	71	64	71	80	77	64	53	57	65	69	73	70	68	60	60	65	71	68 8
	Minimum	48	46	46	47	53	61	55	51	48	40	35	36	47	56	42	27	33	35	40	42	45	31	27	31	39	41	36	30	43	30	31	41.0

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.62	15	29.78	14	7.6	18	w.	6§	85	66	82	60	390
Harrisburg	30.56	16	29.59	21	7.1	28	nw.	29	82	55	68	62	359
Philadelphia	30.56	15	29.49	21	8.5	30	e.	20	81	49	67	55	329
Philipsburg	30.57	15	29.73	21	9.2	36[a]	nw.	14	91	62	79	.....	617
Pittsburgh	30.58	15	29.74	14	9.1	25	w.	14	84	55	62	56	383
Reading	30.56	16	29.58	21	9.8	38	n.	27§	79	46	49‡	67	334
Scranton	30.57	15	29.61	14	6.0	25	nw.	15	86	57†	..	55	455

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.
|| And other directions.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	1.9	2.5	24	1.3	9	18
Easton	Delaware	0.6	1.3	25	0.2	3	22
Lehighton	Lehigh	2.5	2.9	22	2.3	8	9
Reading	Schuylkill	2.9	3.8	22	2.7	6†	13
Wilkes-Barre	N. Br. Susquehanna	2.5	4.5	25	1.6	3†	22
Williamsport	W. Br. Susquehanna	0.7	4.1	23	−0.2	5	20
Newport	Juniata	3.5	5.1	23	3.0	4	22
Harrisburg	Susquehanna	3.4	4.1	25	3.1	3†	17
Schenley (nr) Lock No. 5.	Allegheny	12.2	14.0	22	11.8	7	24
Sutersville	Youghiogheny	3.9	10.5	22	2.8	3	20
Charleroi (nr.), Lock No. 4	Monongahela	13.1	22.5	22	11.6	16	30
Pittsburgh	Ohio	*	*		*		25
Midland, Dam No. 7	Ohio	*	17.4	22	*		30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

ERRATA—Continued

be 3.94 inches. Page 69, Wallenpaupack, evaporation on 14th should be .055 inch, total should be 3.183 inches. Page 71, Philadelphia C. O., minimum on 1st should be 73°; maximum on 23d. 64°; mean maximum, 76.9°. Page 72, Harrisburg, pressure extremes should be 30.46 inches and 29.56 inches on dates shown; percentage of possible sunshine should be 62; Scranton, number of degree days should be 108.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—12-7-44—975

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UNP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

MAR 22 1945

CLIMATOLOGICAL DATA

L. F. CONOVER

HARRISBURG, PA

VOL. XLIX. NOVEMBER 1944. No. 11.

GENERAL SUMMARY.

This was a typical November as the State temperature and precipitation averages deviated but little from their normals. A slight temperature excess was accumulated, maintaining the year's average daily excess at 0.3°. Extremes were well within the absolute values for the month and approximated those recorded in November, 1943, in spite of the fact that the average temperature for that month was 2.9° lower.

Precipitation was slightly below normal and the accumulated deficiency for the year is now 2.49 inches. It occurred more frequently in the west than in the east but daily amounts were generally lighter, only 2 western stations reporting maximum 24-hour precipitation in excess of 1.00 inch, and monthly totals were somewhat less at western stations. Greatest amounts fell during the latter part of the month. Thunderstorms were widely reported on the 15th but were most general in the southwest. The storm on the 20th produced the first significant snowfall of the season and the greatest 24-hour falls at most eastern stations. Cindering crews were called into action as roads, in northern counties, became dangerous. Moderate rains on the 27th and rain and snow on the 29-30th produced the greatest 24-hour measurements of the month at most eastern stations. Greatest 24-hour snowfall, from the mountains north and west, resulted from the latter storm.

November brought to a close an autumn which was nearly normal in all respects. Temperatures were somewhat deficient while precipitation and snowfall were slightly in excess. The western part of the State was cooler and drier than the eastern, but precipitation deficiencies accumulated during the critical summer months were too great to be overcome. The temperate weather which prevailed until mid-November permitted completion of harvesting and most outdoor work. Winter grains had obtained a good start. However, wells, springs, and streams were low, particularly, in the southeast and west-central counties. Precipitation during the latter half of the month alleviated this condition to some extent, although complaints were still received from west-central and northern stations.

G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 41.6°, which is 0.3° above the 57-year normal for November. The highest monthly mean was 48.2° at Marcus Hook, and the lowest was 36.4° at Montrose. Extremes ranged from a maximum of 78° at Uniontown on the 2d, to a minimum of 7° at Somerset on the 26th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 200 stations, was 2.81 inches, which is 0.05 inch below the 57-year normal for November. The greatest monthly amount was 6.50 inches at George School, while the least was 1.26 inches at Saxton. The greatest amount recorded in any 24 consecutive hours was 2.00 inches at Marcus Hook on the 27-28th.

The average snowfall for the State was 3.2 inches, which is 0.5 inch above the 57-year normal. The greatest monthly snowfall was 17.0 inches at Lakeville. The greatest fall for any observational day was 12.0 inches at Canton on the 29-30th.

ERRATA

October, 1944.—Page 74, Phoenixville, total precipitation should be 2.26 inches, departure should be —1.00 inch. Page 75, Phoenixville, total precipitation should be 2.26 inches. Page 79, Philadelphia City Office, minimum temperature on 15th should be 44°, on 21st, 47°. Mean minimum should be 49.4°; Scranton, minimum temperature on 8th should be 54°. Page 80, Pressure, wind, humidity, and sunshine table, Degree days at Scranton should be 454.

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	42.2	79	4	3.37	2.1	11	9	7	14
1889	41.8	73	10	6.72	0.7	15	5	8	17
1890	41.8	78	10	1.49	0.5	8	9	10	11
1891	39.7	76	6	2.65	1.2	9	9	8	13
1892	39.0	80	10	4.34	8.6	12	6	8	16
1893	39.2	68	—4	2.93	2.4	8	8	11	11
1894	38.2	74	6	2.50	5.3	9	10	9	11
1895	42.9	78	6	2.48	0.5	10	10	8	12
1896	46.0	83	12	3.55	1.1	10	8	9	13
1897	41.6	76	2	5.28	2.6	14	6	8	16
1898	40 0	73	8	4 03	6.9	11	8	9	13
1899	41.5	72	7	2.66	1.2	7	10	8	12
1900	43 5	79	7	4.10	3.1	12	6	9	15
1901	36.0	76	9	2.56	3.1	8	7	8	15
1902	47.3	78	0	1.53	1.5	8	10	8	12
1903	36.9	78	2	2.18	1.4	7	11	8	11
1904	38.8	79	—4	1.14	3.5	6	10	9	11
1905	39.1	68	5	2.47	0.9	9	11	8	11
1906	41.5	80	9	1.48	4.0	8	12	6	12
1907	39.8	70	4	3.60	2.9	10	13	8	9
1908	41.2	75	—2	0.90	5.0	5	12	8	10
1909	46.4	80	15	1.40	1.9	7	12	8	10
1910	36.8	68	9	2.45	8.5	11	4	7	19
1911	37.8	77	7	2.84	3.7	10	7	7	16
1912	43.0	81	7	2.17	1.9	7	10	8	12
1913	43.9	79	10	3.05	4 5	11	10	5	15
1914	40.6	81	—2	1.76	1.5	6	12	9	9
1915	42.1	79	13	2.18	1.3	10	10	9	11
1916	41.3	79	4	2.27	1.6	9	13	6	11
1917	37.6	69	—5	0.63	1.4	5	14	7	9
1918	42.1	76	11	2.03	T.	7	12	6	12
1919	41.2	76	11	5.35	2.3	12	11	7	12
1920	40.3	75	5	3.54	4.5	11	7	7	16
1921	42 3	80	3	5.75	1.4	16	5	7	18
1922	42.9	73	12	1.21	1.8	9	10	7	13
1923	40.7	70	10	2.83	0.3	10	12	5	13
1924	40.7	78	—9	1.54	2.9	7	12	8	10
1925	39.5	71	4	3.56	2.2	10	11	7	12
1926	40.4	79	—1	4.49	0.9	10	9	7	14
1927	46.2	85	10	4.95	1.8	14	7	7	16
1928	43.4	81	4	2.32	2.3	12	7	8	15
1929	41.1	81	—10	3.39	1.9	12	8	8	14
1930	42.0	75	—15	1.48	2.3	9	10	7	13
1931	49.2	80	12	1.52	2.9	9	10	8	12
1932	39.4	75	—2	4.75	0.3	10	12	7	11
1933	38.1	82	—11	1.55	7.0	11	8	7	15
1934	44.9	80	6	3.61	1.8	12	9	7	14
1935	44.4	85	5	3.84	2.5	12	7	6	17
1936	38.6	78	2	2.40	3.4	8	9	8	13
1937	40.7	79	—3	2.56	2.0	11	11	7	12
1938	42.7	87	—13	3.10	10.9	10	13	7	10
1939	39.7	76	11	0.97	1.6	5	15	6	9
1940	41.3	78	9	4.04	5.8	13	6	6	18
1941	44.1	83	9	2.48	0.2	7	11	7	12
1942	41.8	82	0	3.35	1.8	14	9	8	13
1943	38.7	79	7	2.87	2.2	9	9	8	13
1944	41.6	78	7	2.81	3.2	12	6	7	17
Period	41.3	87	—15	2.86	2.7	10	9	8	13

Climatological Data for November 1944

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	....	41.8	−0.2	65	2	21	26	3.80	+0.95	1.43	27	1.2	10	3	15	12	nw.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	58	41.0	+0.6	67	2	17	26	1.90	−0.47	0.51	29-30	3.5	11	7	9	14	w	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	3	41.2	.....	73	8	16	26	1.64	.....	0.61	27	2.6	7	8	7	15	nw.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	76	42.4	−0.8	68	8	18	26	2.54	−0.52	0.90	27	4.0	7	9	10	11	nw	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	42.4	0.0	68	8	19	26	2.29	−0.41	0.96	26-27	T.	8	7	8	15	ne.	William B Spear.
Coatesville	Chester	431	56	44.3	+1.5	68	1†	22	26	4.33	+1.14	1.67	27-28	T.	11	4	3	23	nw	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,415	2	37.8	.....	65	1†	16	30	2.27	.....	0.43	27	9.9	14	6	4	20	nw.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	37.4	.....	65	1	21	27	2.93	.....	0.89	29-30	8.1	10	4	8	18	n.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	7	39.6	.....	62	8	20	30	1.97	.....	0.63	29-30	11.1	11	2	8	20	nw	U. S. Weather Bureau.
Emporium 1 E	Cameron	1,100	58	39.4[1]	+0.1	72†	3	15	26	2.36§§	−0.58	0.52	29-30	5.0	14	....	....	....	....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	44.6	+1.2	69	2	21	26	4.35	+1.81	1.89	27-28	0.4	8	11	9	10	w.	Ephrata Review.
Everett 0.5 SW	Bedford	1,020	22	41.2	+0.4	70	8	15	26	1.85	−0.16	0.50	20-21	T.	11	11	1	18	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	51	38.0	−0.3	60	3	21	24†	2.92	−0.77	1.08	29-30	4.7	10	6	2	22	w.	Andrew B. Evansha.
George School	Bucks	181	38	41.4	+0.4	72	1	22	26	6.50	+3.64	1.94	20-21	3.0	12	18	5	7	w.	Prof. N. W. Swayne.
Gettysburg	Adams	500	71	44.8	+2.3	70	8	22	26	3.38	+0.62	1.16	27-28	T	9	9	10	11	nw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	40	41.0	+1.0	63	3	17	26	4.24	+0.99	1.40	29-30	2.0	10	8	7	15	ne.	Miss Sallie M. Johnson.
Hanover	York	600	40	44.6	−0.4	71	8	23	26	2.86	+0.47	1.33	27	0.6	9	6	9	15	nw.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	75	44.3	+1.5	68	8	26	30	3.39	+1.13	1.37	27	0.3	8	4	5	21	nw	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	34	39.0	−0.2	68	3	15	24	4.19	+1.33	1.08	21	13.4	10	7	9	14	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	29	45.7	+0.6	72	2	27	26	2.59	+0.18	1.16	27-28	T.	8	6	10	14	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	57	41.5	−0.2	72	1	16	26	1.95	−0.46	0.47	29-30	4.7	13	7	3	20	nw	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	57	43.4	+0.3	68	1†	20	26	4.34	+1.77	1.82	27	T.	9	13	7	10	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	47	40.6	+0.7	70	1†	22	14	2.81	+0.57	0.85	29-30	6.0	9	7	4	19	n.	Carlos P. Darling.
Lebanon	Lebanon	469	60	44.0	+1.4	69	8	22	26	4.59	+1.72	1.89	27-28	0.5	9	13	9	8	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	6	42.9	.....	68	3†	18	26	1.58	.....	0.45	20-21	.....	11	7	11	12	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	42.8	+0.8	71	1†	20	26	1.92	−0.53	0.60	29-30	7.5	10	9	3	18	e.	William R. Kelley.
Marcus Hook††	Delaware	12	18	48.2	−0.4	71	9	30	26	3.93	+1.20	2.00	27-28	T.	7	12	6	12	w.	Sun Oil Co.
Martinsburg	Blair	1,493	2	40.4	.....	67	1	19	26	1.63	.....	0.44	20	.....	13	4	7	19	nw	Civil Aeronautics Authority
Montrose-3 E	Susquehanna	1,176	39	36.4	+1.1	63	1†	21	23†	2.65	+0.03	0.66	29-30	7.5	13	6	2	22	n.	Harry S. Fancher.
Mt. Pocono Arpt -2 N.	Monroe	1,914	3	36.6	.....	62	3	16	26	3.93	.....	1.05	29-30	14.5	10	0	11	19	nw	U. S. Weather Bureau.
Palmerton	Carbon	455	26	41.6	−0.4	63	3	20	26	2.70	−0.36	0.95	27	1.3	9	3	5	22	ne.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	45.6	+1.7	73	1	26	26	4.71	+2.01	1.95	27	T.	8	4	13	13	nw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	2	37.4	.....	64	8	13	13	2.98	.....	1.02	29-30	16.2	15	3	6	21	nw	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	35	§§	.....	††	.	18	26	4.30	+1.27	1.65	27-28	0.2	9	14	9	7	w.	Phila.-Suburban Water Co.
Port Clinton††	Schuylkill	407	6	42.2	+0.3	65	1	20	26	3.98	+1.17	1.48	27	1.5	8	15	9	6	....	Earl E. Rarick.
Quakertown†-0.5 E.	Bucks	480	59	41.4	0.0	64	2†	18	26	5.51§	+2.36	1.74	27	T.	14	10	10	16	nw.	John E. Benner.
Reading	Berks	273	74	45.0	+1.2	67	9	26	26	4.30	+1.57	1.50	27	0.3	10	4	9	17	nw	U. S. Weather Bureau.
Scranton	Lackawanna	746	50	41.0	+0.5	67	2	26	30	2.22	−0.55	0.54	20-21	2.1	13	4	6	20	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	54	42.2	+0.4	65	3	19	26	2.51§	−0.28	1.22	29-30	0.6	12	8	7	15	nw.	Dr. George E. Fisher.
State College	Centre	1,217	59	42.0	+1.9	66	1†	20	26	1.60	−0.86	0.42	29-30	6.0	10	6	4	20	nw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	25	42.0	+1.1	67	1†	17	24	4.30	+0.66	1.36	20-21	2.3	12	7	9	14	nw.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	4	37.2	.....	65	3	18	27	1.97	.....	0.43	15-16	10.2	12	5	7	18	w.	James E. Swartz.
Towanda†-1 E	Bradford	754	50	41.0	+1.2	70	1	22	14†	3.07	+0.91	1.13	29-30	12.0	12	7	4	19	e.	Mrs. M. Ordelia Parks.
Wellsboro††	Tioga	1,319	74	38.6	+1.0	68	1	19	23	2.10	−0.46	0.67	15	8.4	15	5	4	21	s.	M. S. Bliss.
West Chester††	Chester	440	95	44.6	+1.4	70	1†	25	26	4.19	+0.67	1.73	27	0.5	9	10	10	10	nw.	Clyde T. Saylor.
Wilkes-Barre ††	Luzerne	544	6	41.0	.....	67	2	26	14	2.94	+0.72	1.05	29-30	7.5	11	0	16	14	nw.	Civil Aeronautics Authority
Williamsport ††	Lycoming	550	58	42.6	+1.4	67	1†	23	26	1.80	−0.84	0.60	29-30	1.8	12	7	6	17	w	John D. McEwen.
Williamstown ††	Dauphin	775	28	42.0	−0.1	67	3	16	26	3.67	+0.84	1.03	29-30	.....	10	6	8	16	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	3	37.6	.....	62	1	16	30	1.81	.....	0.74	29-30	11.6	11	5	4	21	nw	U. S. Weather Bureau.
York-3 SW ††	York	390	56	45.1	+1.9	72	8	20	26	3.71	+1.48	1.49	27	T.	9	11	10	9	nw.	York Water Co.
Division mean			....	**41.7**	.....	**75**	**8**	**12**	**26**	**3.12**	.....	**2.00**	**29-30**	**4.1**	**10**	**7**	**7**	**16**	nw	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	27	39.1	+0.2	71	1†	11	26	3.19	−0.31	0.63	15	9.8	17	3	7	20	w.	City Water Dept.
Brookville	Jefferson	1,400	53	39.9	+2.3	70	1†	18	26	2.11	−0.92	0.58	14-15	.....	18	2	6	22	s.	Civil Aeronautics Authority
Butler	Butler	1,077	30	43.4	+4.3	72	1†	18	25†	1.95	−0.88	0.60	15-16	0.5	13	6	15	9	w.	Butler Eagle.
Clarion†-3 SW	Clarion	1,114	34	41.0	.....	72	2	20	13†	2.32	−1.01	0.43	14-15	0.5	15	4	3	23	w.	Penna. Electric Co.
Claysville	Washington	1,170	40	40.3	−2.0	72	1†	16	26	1.90	−0.55	0.33	15-16	T.	12	6	2	22	nw.	Walter B. Paget.
Corry	Erie	1,410	29	41.4	+2.8	71	1	19	13†	2.31	−1.78	0.57	14-15	2.5	15	10	2	18	nw.	J. Fred Kinley.
Coudersport††	Potter	1,653	17	38.8	+2.1	69	1	14	13	2.23	−0.47	0.75	15	11.2	14	5	1	24	ne.	Potter Enterprise.
Derry	Westmoreland	1,150	47	44.2	+2.0	73	1	21	30	2.78	+0.05	0.57	15	T.	13	9	10	11	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	40.0	.....	72	1†	16	25	2.88	.....	0.42	10†	1.0	16	4	11	15	w.	Penna. Turnpike Comm.
Donora ††	Washington	761	18	44.9	0.0	75	1†	21	30	2.82	+0.15	0.67	15	T.	13	1	2	27	nw	Donora Zinc Works.
Ebensburg	Cambria	2,170	27	38.5[6]	0.0	68	1	16	26	2.39	−0.63	0.43	26-27	4.3	14	6	3	21	w.	Miss. Emma H. Eastman.
Farrell	Mercer	855	31	40.6	−0.9	69	2	20	25†	1.66	−0.68	0.31	9-10	0.5	12	1	15	14	ne.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	1	44.9	.....	76	1†	17	26	2.56	.....	0.78	15-16	0.2	14	9	0	21	w.	U.S. Engineers.
Franklin	Venango	987	70	41.6	+2.1	71	1†	22	26	2.38	−0.76	0.34	10	3.5	15	6	7	17	n.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	35	41.1	−1.8	74	1	15	26	2.88	+0.39	0.43	14-15	0.2	15	8	5	17	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	43	43.2[3]	+2.0	71	1	23	25†	2.07§	−0.77	0.36	26-27	1.1	12	9	11	10	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	40.7	.....	74	1†	12	26	2.55	.....	0.42	15-16	.....	17	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown-0.5 W	Cambria	1,650	62	40.9	−1.1	73	1	16	26	2.84	−0.09	0.48	27	5.8	16	8	6	16	nw.	Robert Tross.
Kane-1 N.	McKean	1,750	29	37.6	.....	68	1†	10	26	2.65	−0.89	0.67	15	9.2	17	7	1	22	nw	Spring Water Co.
Meadville-1 S.	Crawford	1,065	50	40.4	+1.4	70	1†	20	26	2.96	−0.49	0.70	15-16	4.1	17	3	4	23	sw.	City of Meadville.
Midland	Beaver	780	8	43.7	.....	71	1†	23	30	1.79	.....	0.30	26-27	T.	14	2	9	19	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	64	43.8	+3.4	73	1†	26	26	1.72	−0.73	0.26	26-27	2.3	17	5	9	16	w.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	42.6	+1.4	72	1	19	30	2.35	+0.06	0.51	14-15	T.	17	3	8	19	nw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	41.6	.....	71	1†	21	13†	2.19	.....	0.50	14-15	0.5	14	5	5	20	nw.	U. S. Engineers.
Ridgway	Elk	1,385	37	39.2	+1.1	72	2	14	26†	1.94	−0.98	0.55	14-15	2.5	13	5	2	23	s.	West Penn Power Co.
Somerset	Somerset	2,100	73	39.0	+0.4	70	1	7	26	2.30	−0.94	0.30	15-16	7.3	17	2	6	22	nw	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	37.6	−1.0	67	1	11	25†	3.14	+0.20	0.54	26-27	13.6	18	4	5	21	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	39.2	.....	70	1†	18	26	2.01	.....	0.40	14-15	1.8	15	8	1	21	nw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	1	41.2	....	70	1†	16	15	2.47	.....	0.55	14-15	4.0	16	0	13	17	nw.	Arthur M. Stokes.
Uniontown ††	Fayette	1,040	56	44.8	+1.0	78	2	23	25†	2.33	−0.74	0.49	14-15	T.	14	8	4	18	sw.	William W. Marsteller.
Vandergrift††	Westmoreland	825	30	44.0	+1.3	76	2	23	13†	2.19	−0.34	0.78	15	.....	14	2	17	11	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	56	41.0	+1.7	71	2	21	24	2.73	−0.76	0.76	15	1.5	16	5	7	18	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	42.0	−1.4	73	1†	17	25†	2.15	−0.19	0.43	19-20	T.	12	4	6	20	sw.	Thomas S Knox.
Division mean			....	**41.3**	.....	**78**	**2**	**7**	**26**	**2.37**	.....	**1.41**	**15**	**2.9**	**15**	**5**	**6**	**19**	nw.	
Lake Drainage																				
Albion	Erie	900	....	44.2[5]	.....	74	1	20	26	3.13	.....	0.51	23	.....	18	6	2	22	nw.	Samuel D Lewis
Erie	Erie	705	71	44.9	+3.5	75	1	27	26	2.09	−1.21	0.46	4-5	1.7	17	1	7	22	s.	U. S. Weather Bureau.
State mean			....	**41.6**	**+0.3**	**78**	**2**	**7**	**26**	**2.81**	**−0.05**	**2.00**	**29-30**	**3.2**	**12**	**6**	**7**	**17**	nw	

[See page 88 for explanation of reference marks.]

Daily Precipitation for November 1944

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike					.02	T.	T	T.		.10	.30				.38	.21				1.05	.93					.09	.59		.51		4.19
Hawley[2], 0.5 E	Wayne					.02	T.	T	T.		.02	.31				.42	.30	T.			.84	1.08	T.	T.	T.		.11	.42		.67		4.19
Hollisterville[2]	Wayne					T.	.01		T.		T.	.42				.45	.17	.14			.71	.47		T	T		.18	.20		.77		3.52
Lakeville[2], 1 N	Wayne					*					.27	.16				.29	.33	.18			.61	1.02		.01			.08	.31		.81		4.10
Matamoras[2]	Pike					.07					.12	.34				.43	.24				1.26	1.31					.11	.59		.46		4.93
Mount Pocono[3], 2 N	Monroe				T.	T.	T.	T.	T.		.50	T.			.36	.14	.08			.48	.57	.03	T	T.			.57		.49	.71		3.93
Pleasant Mount[1,5], 1 W	Wayne				.14	.03	.03	.03	.04		.27				.56	.45				.38	.58						.21		.31	.83		3.86
Stroudsburg, 2 E	Monroe						T.				.58	.01			.14	.18	.13			.21	1.36	.01					.53	.31	.14	.70		4.30
Tanners Falls[1,5], 1 SE	Wayne					.05					.47				.21	.48				.41	.82						.27		.26	.37		3.31
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh	T.	T.		T.		T.			.14	.42					.31	.05	.01			.48	.32			T.			1.43		.36	.28		3.80
Allentown[2]	Lehigh					.02					.10	.33					.36	.04	T.			.34	.25					.31	1.25		.57		3.57
Bethlehem[1]	N'rthampton				.01	.01				.07	.45					.31	.02	.01			.52	.52		T			1.56		.40	.39		4.27
Blakeslee Corners[1,5]	Monroe									.01	.76					.37	.10				.39	.28						.48		.21	.43		3.03
Gouldsboro[2]	Wayne					.02	.03		.05		.27	.41					.44	.24	.04			.59	.43		T.			.15	.25		.55		3.47
Lansford[2]	Carbon					T.	T.				.40	.23					.41	T.			T.	.67	T.		T	T.		.39	.82		1.05		3.97
Mauch Chunk, 1 SW	Carbon					.06	T.				.75					.02	.48	.02			.28	.57						*	1.10	.08	.87		4.23
New Tripoli[5]	Lehigh					.05					.42					.05	.29	.02	T.		.38	.37			T.			1.33	.16	.12	.74		3.93
Palmerton[1,5]	Carbon	T.					T.				.39					.17	.03	.02			.35	.13		T.				.95	T.	.29	.37		2.70
Zionsville, 1 SW	Lehigh					*					1.00					.04	.44	.02			.25	.84	.04					1.40	.14	.10	.76		5.03
SCHUYLKILL				*																													
Conshohocken	Montgomery										*					*					1.82	.06					1.51	.14	*	1.09		4.62
Fredericksville[2], 1 S	Berks		T.	T.	.01	.12					.33	.11					.44	.02	.02	T.	T.	.99	.01		T.	T.		.54	.96	T.	.78		4.33
Gratersford[2]	Montgomery					.06					.59	.21					.31					.73	.37					11	1.81	.01	.70		4.90
Phoenixville[2], 1.5 SE	Chester					.08					.51	.26					.06				T	*	1.14					*	1.65	T	.60		4.30
Port Clinton[2]	Schuylkill					.05					.35						.45				T.	.55						.44	1.04		1.10		3.98
Pottstown[2], 0.5 S	Montgomery					.08					.42	.12					.37	T.	.02		.03	.88	.09					.31	1.55		.85		4.72
Pottsville[2]	Schuylkill					.07					.40	.19					.45	T.		T.	.08	.49	.11					.42	.67		1.12		4.00
Reading[1,5]	Berks				.12		T.			.08	.19					.28	.04	T			.73	.17			T			1.50		.47	.72		4.30
Wernersville	Berks		.02			.20	T.				.29	T.				T.	.36	T.			.51	.38			T.			1.45	.02	.18	.96		4.37
LOWER DELAWARE																																	
Coatesville[6]	Chester		.03								.70					.02	.01	.02			.53	.37			T.			1.52	.15	15	.83		4.33
Doylestown	Bucks					.02					.85					.01	.43				29	1.38			T.			1.65	.23	.08	.39		5.33
George School	Bucks		T								.81	.02				.06	.14	.15	.02		.89	1.94	T.	T.		T.		1.69	.10	.27	.41		6.50
Marcus Hook[2]	Delaware							T			.53	T.					T.		T	T.	.10	.60	.20		T.			.20	1.80		.50		3.93
Philadelphia Airport Station[1,5]	Philadelphia				T.		T.			.14	.66					.01	T.	T.			.81	.55			T.			1.95	T.	.26	.33		4.71
City Office[1,5]	Philadelphia				T.		T.			.07	.53					T.		T.			.78	.58						1.76		.30	.29		4.31
Shawmont	Philadelphia						T.				.71					.03	T.				30	1.28	.05					1.36	.37	.07	.67		4.84
Quakertown, 0.5 E	Bucks	.02	.03			.03					.91					.03	.43				41	1.13	.03	.03				1.47	.27	.12	.60		5.51
West Chester	Chester										.87					.01		.01			.47	.38						1.57	.16	.04	.68		4.19
West Grove[2], 1.5 SE	Chester		T.		T.						.66	.11										.78	08					.18	1.33	T.	.94		4.08
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1,5], 2 W	Tioga				.21	.03	.01				.10	.02				.71	.04	.02			.15	.10	03	.07		.03		.02	.02	*	*		1.56
Covington[2]	Tioga					.24	.05				.05	.12					.41	.05			T.	.29	.05	.07							.62		1.95
Lawrenceville	Tioga				.22	.26	T.				.10				.65	.25	.05	T.			.19	.24	T.	T.	T.			T.			.85		2.81
NORTH BRANCH																																	
Berwick[2]	Columbia					.22		T			.15	.22					.20				*	.62	.07					.21	.12		.88		2.69
Canton[2], 1 NW	Bradford					.48	.01				.39	.16	.01			.42	.10	.02			.01	.35	.15					.02	.06		.92		3.10
Danville[2]	Montour					.16					.28	.08				.19	.06				.05	.36	.14		T.			.19	.05		1.13		2.69
Freeland[2]	Luzerne		T.			.05	T.				.18	.02	T.			.56						.63	.08	.02	T.	T.	T.	.01	.29		1.08		2.92
Millville[1,5]	Columbia				10				.03		.14					.20					*	.37						.27		.27	.80		2.18
Monroeton[2], 2 S	Bradford					.40	.01	T.			.04	.24	.02				.30	.14	.02			.49	.14	T		T			.02	.08	T.	.83		2.73
Montrose[2], 3 E	Susquehanna					.12	.01	T	.01		.01	.37	T				.55	.24				.46	.03	T.	.01	T			.05	.13		.66		2.65
Orwell[2], 3 N	Bradford					21	.05	.02	.10		.01	.24	.02				.52	.16	.10			.48	.09	T.	T.	T.				.22	.03	.81		3.06
Park Place[3], 1 NW	Schuylkill				.04	.02	T.			.01	.57	.07				.29	.05	.02			.47	.30		T.	.02			.59	T.	.53	.83		3.81
Pikes Creek[1,5]	Luzerne				.18						.25			.01	.25	.18			*		.36	.19						.26		.29	.50		2.47
Rush[2], 6 S	Susquehanna					*	*		*		.13	.10	.20			.10	63				.15	.54	T.	T.					*	1.04		2.89
Scranton[1,5]	**Lackawanna**				.06	T.	.01		.03		.35	.01				.12	.22	.02			.39	20	T.	T.	T.			.30	T.	.18	.33		2.22
Susquehanna[2]	Susquehanna					.16	.10	T.	.03		.10	.27					.74	.34	.01			.50	.22	.02	T.	.02			.08	.16		.40		3.15
Towanda, 1 E	Bradford				.14	.19	T.		.04		.32	T.				.19	.42	.03	T.		.19	.36	T.		T.	T.		.05	.01	T.	1.13		3.07
Tunkhannock[1,5]	Wyoming				.12				.04		.25					.30	.19				.45	.25						.10		.36	.71		2.77
Wilkes-Barre[3], 3 N	Luzerne				.20	T.	T.	T.	T.	T.	.15	T.				.29	.08	.01			.52	.21	T.	T.	T.			.27	.01	.40	.80		2.94
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga					.45	.01				.06						.58	.06			T.	.28		.01	T.			.01	.01		.56		2.03
Carrolltown[2]	Cambria					.29	.03				.32	.09				T.	.36	.14	.03	T.	11	.14	.06		.01	.02		.22	.13		.32		2.27
Carter Camp[1,5]	Potter				.28	.02					.27					.57			.05	.08	.27	.06						.22		.09	.49		2.40
Cedar Run[2]	Lycoming					.23	.03				.08	.08					.38	.03	.02	.02	.02	.24	.02					.03	.07		.42		1.67
Clearfield[2]	Clearfield					.16					.31	T.					.57	.08	.01		.12	.16	T.	.02	T.			.28	16		.36		2.18
Coalport[2]	Clearfield					.20											.20	18			.23	.23	T			T.			.24		.20		.85
Curwensville[3] 6 NW	Clearfield				.20	.01	T.		T.	.02	.23	.01		T.	.35	.03	T.	T.	T.		.23	.07	.04	.04	T		T	.43	T.	.22	.39		2.27
Driftwood[1,5]	Cameron				.18						.20				.43	.05	.05	.01	.02		.20	.06						.10		.08	.52		1.90
Dushore[1,5]	Sullivan	*	*	*	*	*	.18				.11	.06			.31	.07					.28	.24						.07		*	*		1.32
Eagles Mere[2]	Sullivan					.29	.02	T.			.16	.33				.26	.13	T.				.48	.17	T.					.20		.89		2.93
Emporium[2], 1 E	Cameron		T.			.24	.02				.25	*				*	.55	.04	.05	T.	.09	.17	.03	T.	T.	T.		.25	.15		.52		2.36
English Center[1,5]	Lycoming																																
Galeton	Potter				.43	T.	T.				.20	.02			.44	.26	.04	.06	T.	.20	.15	.01	.01	.01			.05		T	.56		2.44
Karthaus[2]	Clearfield					.12	.01				.13	.02			T.	.51	.05	T.		.09	.22		.03	T.	T.		.18	.06		.44		1.86
Lock Haven[2]	Clinton					.15	T.				.11	.14				.38	T.	T.	T.	.03	.27	.03	T.	T.	T.		.18	.03		.60		1.92
Medix Run[1,5]	Elk				.13						.19			.01	.42	.05	.02	.03	.02	.17	.06						.19		.05	.35		1.69
Philipsburg[3], 7 E	Centre				.13	T.	T.			T.	.13	T.		T.	.41	.08	.02	.01		.67	.07	.04	.01	.09		.01	.25		.20	.86		2.98
Renovo[2]	Clinton					.17	.02				.12	.02			.02	.39	.04	.03	.06	.02	.24	.02			.01		.10	.06	T.	.31		1.63
State College[1,5]	Centre				.13	T.			T.	T.	.16	T.			.22	.05	T.	.01		.34	T.	T.	T.	T		.02	.24		.15	.28		1.60
Tamarack[2], 2 S	Clinton					.30	.04	T			.10	.07			.01	.43	T.	.03	T.	.11	.37	.02	T	T.	T.		10	T.	T.	.39		1.97
Tyrone[1,5], 4 NE	Blair				.16						.06		.03	.02	.30	.10			.02	.44	.07					.05	.40		.12	.20		1.97
Wellsboro[2]	Tioga		.02			.41	.01				.04	.08			.02	.67	.04	.03	T.	T.	.25	.06	.02	T.	T.			.01	.01		.43		2.10

Continued on page 84.

Daily Precipitation for November 1944—Continued from page 83

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport[2]	Lycoming					.10					.01	.16				.01	.38	.05	.01		T.	24	.07					.15	02		.60		1.80
Williamsport[2], 4 SE	Lycoming					11	.01				.11	.24					.29	.04	.01		.02	.31	08					.13	.05		.85		2.25
JUNIATA																																	
Altoona, 4.5 W	Blair				.05	.08	T.				.14					.15	.20	.05			.29	.09		T.	T			.32		02	.51		1.90
Breezewood[1], 0.5 E	Bedford				.06	T.					.17					.16	.04				.45		T.	T.	T.			.45		.09	.05		1.47
Buffalo Mills[2]	Bedford					06					.05						.16				.11	.27							.37	.04		.21		1.27
Burnt Cabins[1], 2 NE	Fulton										.10					.18	.08				.32							.61		.09	.26		1.64
East Waterford[2], 3 E	Juniata					.25	T.	T			.11	.03				T.	.10	T.	.01	T.	.22	.24	.02	T	T.	T.		.28	.08		.63		1 97
Everett[2], 0.5 SW	Bedford					.09					.15	.01					.23	T.			.11	.39	.03	.02		T.		.39	.05		.38		1.85
Huntingdon[2]	Huntingdon					.15		T			.13	.12				T.	.33	.03	.02	.03	.11	.27	T.	T.	.04	T.		.22	.03		.47		1.95
Lewistown[2], 2 SW	Mifflin					.14					.05	.04				T.	.17	.03			.02	.45	.06					.24	.04		.34		1.58
Mapleton Depot[2]	Huntingdon					.15					.01	.08					.16	.02	.01		.11	.21		1	.01			.20	.01		.49		1.49
Martinsburg[3]	Blair				.22	.01	T			T	.06	T		T.		.36	.03	.01	.01	T.	.44	T.	T.	.01	T.		.09	.06		.22	.08		1 63
McConnellstown 2.4NW	Huntingdon																.10	.03	T.			.12						.35	.02		.40		§§
Neffs Mills[1, 5], 3.5 NE	Huntingdon				.20						.18					.20				*	*	*	*	*	*	*	.40	*	*	*	*		0.98
New Bloomfield	Perry					.11					*					.29	.16		T	T.	.30	.03					.50		T.	.80		2.19
Newport[2]	Perry					.10	T.				.22	.06				.01	.14		T.	T.	.16	.16	T.				.32	.26		.62		2.05
Saxton[2], 1 W	Bedford					.14					.05						.13		.05			.38						.27			.24		1 26
Shade Gap[1, 5], 0.5 SW	Huntingdon				.05						.07			*	*	*	*	*	*	.17	.18	.14					.06	.34		.11	.45		1.57
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams					T.					.14	T					.26				.17	.22						.50	73		.74		2.76
Bloserville, 1.5 N	Cumberland			T		.04					.49						.22				.42	.62	T.					.62	.03	T.	.74		2.58
Carlisle	Cumberland					.07					.18						.33	T.			.42	T.						.82	.08	T.	.64		2.54
Columbia	Lancaster		.02			.02	T				.03					T.	.33				.37	.23			T			1.44	.04	.06	.11		2.65
Dauphin[2], 3 N	Dauphin					.17					.23	.24				T.	.15				.14	.27						.24	.36		.80		2 58
Ephrata	Lancaster					.06					.25	T.									.61	.43			T.			1.80	.09	.13	.98		4.35
Glen Rock[1, 5]	York									.01	.14										.46				*	*	*	*	*	*	2.25		2.89
Gordon	Schuylkill					.09	T.				.57					.09	.42		T.	T	.15	.79	T.					.56	.15	.02	1.40		4.24
Grantville, 2 SW	Dauphin				01	.13					.65	.02				T.	.41				.29	.20			T.			1.23	.10	.01	1.20		4.25
Hanover[2]	York					T.					.13	.04					.06	T.			.17	.26	.01		T			.16	1.17		.86		2.86
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T.	T	1	03	T.	T.			T.	.38	T.				.31	.01	T			.31	T.	T	T.	T.			1.37		.39	.59		3.39
Holtwood[2]	Lancaster		T.		T.		T.				.07	.03					T.	T			.06	.42	.06	T.		T.		.11	1.05		.79		2.59
Huntsdale[2]	Cumberland			T	T.	.08					.08	.02					.30				.13	.16						.53	.39		.69		2.38
Kirkwood[1, 5], 1 SW	Lancaster									.10	.25										.11	.90	01							.58	.70		4.15
Lancaster	Lancaster					.01	T.				.15					T.	.32				.37	.54			T.			1.57	.25	.09	1 04		4.34
Lebanon[2]	Lebanon					.15	T.	T.			.17	.09				T	.35				.07	.65	T.		T.			.57	1.32		1.22		4.59
Middletown[1], 1.5 W	Dauphin	T	T.		.07	T.	T.			T.	.18	T.					.01				.51	.06	T.	T				1.66		.41	.68		3.97
Millersburg[1, 5], 2 E	Dauphin				.08						.43					.39	.01				.26							.55		.27	.69		2.68
Milroy[2], 5 N	Mifflin					*	T.				.26	.11				T	.21	.08	T.	T.	.02	.12	T		T.	T.		*	*		.70		1.50
Newburg[1], 3.5 NW	Cumberland				T.		T.			.02	.15	.01				.25	.09				.20	.07	T.		T.			.79		.15	.69		2.42
New Park	York			12							*										.50	.12						1 52	.15	.11	.99		3.51
Pine Grove[2], 1.5 NE	Schuylkill					.13	.03				.30	.32					.34				.05	.55	.01			T.		.32	.71		1.09		3.85
Ringtown[2], 1.5 SW	Schuylkill										.12	.13					.08	.04			.06	.30	.22					.10	.16		.29		††
Selinsgrove	Snyder					.11					.18	.03				.05	.12	.02			.18	.33		.02	T			.21	.04		1.22		§2.51
Shamokin[2]	N'umberland					.18					.35	.08				T.	.21	.04				.57	.31					.23	.15		.90		3.02
Shippensburg	Cumberland				T.	T	T.				.26						.36			T	.21	.05	T.		1			.87	.05	.02	.51		2.33
Sunbury[2]	N'umberland					.04	T				.09	.13					.20	.05	T.	T.	T	.47	.29	T.	T	T.		.25	.08		1.10		2.70
Williamstown[2]	Dauphin					.13	T				.35	.19					.30	.10			T	.43	.28					.36	.56		.97		3.67
Woodward[3], 2 NE	Centre				.08	.01	T.			T.	.18	T				.20	.02	.02			.26	.07	T.	T.	T.		T.	.22		.32	.43		1.81
York, 3 SW	York										.44					.04	.09				.35	.13						1.33	.16	.04	1.13		3.71
York Haven[2]	York					.12					.10	.16					.22				.08	.37						.44	1.12		1.09		3.70
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin					T.					.22	.04					.40				.04	.24						.61	.35		.39		2.29
Gettysburg	Adams		T		T.						.53					.04	.56				.23	.04						1.00	.16	.01	.81		3.38
Hewitt, 2 SW	Bedford				.05						12					*10*	.30				*37*	.10	*	*	*	*		.80		.40			§2.24
Hyndman[2]	Bedford					.05	T.				T.					T.	.39				.25	.24		T.	T	T.		.50	.04		.20		1.67
McConnellsburg[2]	Fulton										T						.51				.12	.25						.62	.17		.39		2.06
Mercersburg[2]	Franklin																.41				■	.28	T.					.63	.27		.40		§§
South Mt. San't'm[2]	Franklin										.49	.06					.30		T.		.08	.08			.02			.55	.67		.93		3.18
GULF DRAINAGE *Ohio Basin* ALLEGHENY																																	
Acmetonia[2]	Allegheny					.26	.05			*	.18	.02				.08	.63	.10			.20	.36	.02	T.	.01	T.		.18	.06		.36		2.51
Allens Mills[1, 5]	Jefferson				.28						.16				.01	.57	.07				.28	.07	.06	.08			.10	.20		.16	.23		2.27
Blairsville[2], 6 NE	Indiana					.36	.01	T.			.23	.08				.10	.18	.16	.04	T.	.05	.26	T.	T	.02	.05		.11	.14		.34		2.13
Boswell[2], 6 NW	Somerset					.31	.03				.31	.29				.14	.13	.36	.13		.33	.41	.06	.09	.04	.04		.21	.03		.39		3.33
Bradford, 4 W	McKean				.21	.23	.05				.24	.07				.63	.07	.04	T.	.12	.30	.22	.05	.05	.08			.17	.13		.53		3.19
Brookville[3], 1.5 SW	Jefferson				.28	T.	T.		T.	.02	.08	.01			.01	.57	.10	.04	.01	T.	.17	.06	.05	.04	.02		12	.23	T.	.14	.17		2.11
Buckstown[1, 5]	Somerset				.08	.05					.37	.04			.01	.27	.14	.02		.03	.22	.11	■	*	*	*22*	*.05*	.15		.11	.17		§2.04
Clarion[2], 3 SW	Clarion					.27					.17					.03	.40	.14	.01		.09	.36	.06	.08	.04	.03		.20	.11		.33		2.32
Corry	Erie				.20	.02	T.		T		.23	.03				.57	.16	.05	T.		.32	.23	.09	.02	.04			.01	.07		.27		2.31
Coudersport	Potter				.14	*	.03				.13					.75	.17	.02	.01		.13	.21		.01	.03			.01	T.		.59		2 23
Derry	W'moreland				.25	T.	T.				T.	.21				.57	.10	.05	.06		.55	.16	.05	.05	.06			.29		T.	.38		2.78
Donegal[1]	W'moreland				.30	.03	.10				.42					.35	.18	.10	.05		.42	.23	.05	.06	.08			.18	.08	.25	.06		2.88
Dunlo[1, 5], 0.5 SW	Cambria				.20	.01					.36	.05				.19	.14	.02	.04		.11	.15	.05	.04	.06	.01	.04	.21	.01	.10	.24		2.03
Ebensburg[2]	Cambria					.28	T.				.37	.19	T.				.35	*	.20	.01	.06	.21	.03		T.	.05		.30	.13		.21		2.39
Ford City[2], 4 S	Armstrong					.23	T.				.17					.18	.78	.10			.18	.20	.02	.01	.02	.02		.16	.09		.40		2.56
Franklin[2]	Venango					.31	T			T.	.34	.04				.07	.18	.17			.09	.23	.10	.20	.02	.09		.17	.08		.29		2.38
Glen Hazel[2], 1 NE	Elk					.24	.02	T.		T.	.19	.02				.04	.72	.05	.03	.04	.08	.16	.01	.04	.06	.23		.23	.04		.51		2 71
Home[1, 5]	Indiana				.19					.02	.20				.02	.80	.12	.01	.03		.27	.16		.02	.07		.02	.28		.17	.15		2.53
Indiana	Indiana				.13	.05					.23	T.				.17	.32	.02	T.		.26	.13	.03	T.	.03			.86		T.	.34		§2.07
Johnstown[6], 0.5 W	Cambria				.28	.06					.25	.06				.16	.27	.04	.04		.35	.19	.06	.06	08			45		.05	.41		2.84
Kane[1], 1 N	McKean				.29	.13	T.	T.			.15	.01			T	.67	.07	.03	.02		.35	.01	.03	.03	07		T.	.25	.03	.03	.48		2.65
Kregar[1], 1.5 SE	W'moreland				.33	T.	.10			T	1.48	.32			T.	.23	.28	.16	T.		.50	.05	.32	T.	.30		.06	.81		.07	.42		5 43
Lycippus, 1.5 E	W'moreland				.30	.06	.03				.30	.05				.27	.34	.06	.05		.60	.27	.05	09	T.			.32	T.	T	.36		3.15
Marienville[1, 5]	Forest				.25					.06	*.15*					*.46*	.08				.40	.11	.13	.03			.02	.25		.12	.27		§2.33
Meadville[2], 1 S	Crawford					.43	T.				.19	.03				.12	.70	.28		.02	.11	.24	.22	.04	.11	.05		.15	.08	.01	.18		2.96
Mosgrove[2]	Armstrong					.23	T.				.23	T.				.01	.44	.18			.09	.39	.04	.01	.04	.03		.33	.04		.40		2.46
Parkers Landing[2]	Armstrong					.19					.20						.21	.13			.12	.28	.03		T.	T		.26	.02	.34	.34		2.15
Pittsburgh City Of[1, 5]	Allegheny	T.			.22	.05	.02			.09	.04				.06	.44	.05	.01			.43	.10	03	T.	.04		.08	.14		.26	.16		2.22
Port Allegany[2]	McKean					.29	.03	T.			.15	T.					.83	.02	.03	03	.01	.24	.03	T.	.03	.01		.02	.03		.02		1 80
Punxsutawney[2]	Jefferson					.23	.01				.19	T				T.	.62	.22	T.		.06	.18	T.	.02	T			.13	.11		.40		2.17

Continued on page 85.

Daily Precipitation for November 1944—Continued from Page 84

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong					.24	T.				.11	T.				.01	.49	.19	.01	T.	.15	.29	.01	T.	.03	.05		.20	.06		.35		2.19
Ridgway[2]	Elk					.18	T.	T			.16	.04				.02	.53	.04	.01		.14	.17	T.	.02	T.	T.		.20	.05		.38		1.94
Saltsburg[2]	Indiana					.23	T.				.19	T.				.14	.20	.07	T.		.23	.23	.03	.05	.02	T.		.18	.11		.38		2.06
Seward[2]	W'moreland					.26					.39	.12					.39	.12	.04		.18	.22	.06	.10	.03				.32		.11		2.34
Sheffield[1, 5, 6 W]	Warren				.29	.07				.06	.21					.43	.02	.03			.22	.12	.03		.05			.26	.02	.02	.33		2.16
Smethport[1, 5, 1 SW]	McKean				.19	.07	.04				.12					.82	.03	.03	.07		.23	.08	.04		.05	.02		.15		.07	.34		2.35
Strongstown[1, 5]	Indiana											.02				.14	.15				.10	.12	.03		.03		.02	.37		.11	.18		∫∫∫
Tionesta[2], 1.5 SE	Forest					.32	T.				.22	.04				.05	.35	.07	.01		.10	.28	.05	.08	.01	T		.13	.08	T.	.22		2.01
Titusville, 2 S	Crawford				.31	.04					.36	.03				.55	.05	.01		.02	.22	.09	.13	T.	.07			.24	.06	.01	.28		2.47
Union City[1, 5]	Erie				.28	.02				.06	.12					.71	.05	.01			.30	.10	.30		.01			.07	.02	.07	.12		2.24
Vandergrift[1]	W'moreland				.22	•					.18					.78	.10	.02			.29	.03	.05	T.	.02		•	.21		.09	.20		2.19
Warren[2]	Warren					.40	.03				.25	.03				T.	.76	.05	.02		.04	.22	.04	.02	.08	.16		T.	.26	.01	.36		2.73
Youngsville[1, 5]	Warren																																
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset					.14	.02	T.			.22	.05				.26	.11	.10	.02		.25	.31	.08	.04	.01	.03		.31	.04		.27		2.26
Connellsville[2]	Fayette					.27	.04	T.			.29					.15	.27	.04	.04		.27	.33	.08					.20			.28		1.94
Donora[1]	Washington				.27	T.	.05			T.	.16	T.			.04	.67	.05	T.			.44	.14	.01	T.	T.		.02	.22		.11	.14		2.32
Greensboro[2]	Greene					.17	.02	T.			.18	T.				.33	.29	.02	.04		.26	.25	.02	.01	.01	T.		.25	.01		.38		2.19
Greensburg, 2 S	W'moreland				.27	.1	.03				.26	.03				.43	.30	.02	.01		.39	.36	.12	T.	.03	T.		.23		.04	.36		2.88
Irwin	W'moreland				.22	.02	.11			T	.16	.04				.22	.20	.01	.01	T	.42	.19	.07	T.	.01			.27	T.	.01	.31		2.27
Meyersdale[2]	Somerset					.08	.06	.01			.12	.02				.13	.08	.10			.12	.20	.08	.05	.02	.02		.36	.05		.21		1.71
Murrysville // [1, 5]	W'moreland				.29	.03				.04	.13				.05	.26	.10				.44	.08	.06				.04	.24		.10	.17		2.03
Newell[7]	Fayette					.28	T.				.06	T.				.28	.45	T.		T.	.36	.22	T.	T.				.15			.22		2.02
Pittsburgh Arpt // [1, 5]	Allegheny				.23	.08	.03			.09	.09	.01			.04	.47	.07	.03	T.	T.	.37	.07	T.	T.	.03		.04	.21		.30	.19		2.35
Rices Landing[2]	Greene					.28		T.			.15	.02				.10	.11	.09	.01		.32	.21	.04	.05	.03			.15	.04		.31		1.91
Somerset	Somerset				.08	.02	.04				.26	.07				.15	.30	.08	.03		.25	.25	.15	.09	.10	T.		.22		.01	.20		2.30
Springs[6], 1 SW	Somerset	.04			.10	.04	.14				.26	.07				.35	.29	.08	.02	T.	.42	.25	.04	.05	.08	T.		.54		.02	.33		3.14
Uniontown	Fayette				.21	.02	.03				.29	.01				.25	.24	.03	T.		.42	.22	.03	T.				.23		.03	.32		2.33
Waynesburg	Greene				.24	T.	T.				.34	.03				.11	.22	.06	T.		.43	.11		.02				.21		.06	.32		2.15
BEAVER																																	
Beaver Falls[2]	Beaver					.02	.02	T.			.08	T.				.01	.31	T.	T.		.03	.47	.08	T.	T.	T.		.24	T.		.17		1.43
Butler	Butler				•	•					.30	.02				.13	.60	.03			.34	.10	.05		.08			.30			•		1.95
Farrell[2]	Mercer					.20	.03				.31	T.				.26	.11		.03		.20	.09	.08	.08	T.			.17			.10		1.66
Greenville	Mercer				.25	.08	.02			.03	.31	.03				.88	.20	.06	.01		.22	.24	.04	.02	.19			.24	.02		.13		2.97
Jamestown[2], 2 NW	Mercer					.38	.05				.25	.03				.07	.42	.14	.01	T.	.15	.25	.11	.06	.25	.09		.16	.04		.09		2.55
Mercer Arpt.[3], 2.5 NE	Mercer				.27	.08	.01			.23	.18	T.			.06	.17	.18	T	T.		.31	.08	.06	.04	.11		.13	.07		.12	.09		2.19
New Castle, 1.5 N	Lawrence				.15	.05	T.				.16	.02				.15	.10	.06	.04		.24	.12	.06	.04	.03	.06		.25	.01		.18		1.72
Penuline[2], 1 S	Crawford		.02			.36	.04			T.	.12	.05				.47	.20	.26	.02	.02	.12	.38	.11	.03	.15	.11		.18	.03	T.	.10		2.77
OHIO																																	
Claysville[2]	Washington					.23	T.				.24	.02				.10	.33	.02	.05		.14	.20	T.	T.	T.			.18	.08		.31		1.90
Coraopolis[2], 1 E	Allegheny					.24	.03				.19	T.				.26	.53	.04	.01		.22	.24	.04		.01	.01		.20	.02		.29		2.33
Midland[2]	Beaver					.20	.04				.21	.05				.08	.14	.07	.02		.16	.25	.02	T.	.04			.30	T.		.21		1.79
Mt. Lebanon[6]	Allegheny	T.			.32	.04				.06	.13				T.	.68	.07		.04		.37	.12	T.	T.	.02		.07	.14		.25	.17		2.48
Washington[1, 5]	Washington									.08	.07				.03	.50														.23	.09		∫∫∫
LAKE DRAINAGE																																	
Albion[2]	Erie				T.	.30	.06				.14	.12				.23	.25	.18		.17	.03	.14	.08	.51	.17	.18	.08	.17	.11		.21		3.13
Erie[1, 5]	Erie	T.	.03		.34	.12		.01	T.	04	.25				.02	.33	.07	T.	.06		.26	.15	T.	.04	T.	T.	.01	.04	T.	.01	.31		2.09
Raymond[1, 5]	Potter		.03		.27	.15	.01				.13	.02			.04	.74	.02	.04	.10	.02	.11	.12	.05	.01	.01		.06	.08	.04	.12	.51		2.68

[See page 88 for explanation of reference marks.]

Daily Temperatures for November 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	74	72	71	67	42	38	52	68	64	55	51	48	57	55	57	45	40	43	47	....	41	38	36	....	....	41	57	42	45	39	....	51.3[c]
	Minimum	56	54	53	40	34	33	32	43	49	46	39	32	22	25	44	39	37	39	34	34	34	31	....	....	29	20	39	39	35	30	....	37.0[b]
Allentown Arpt.[3-4 NE..	Maximum	62	65	64	62	53	40	54	64	62	60	50	54	56	61	48	47	48	53	44	38	40	44	41	39	42	46	43	49	38	39	....	50.2
	Minimum	42	48	40	43	35	33	34	41	38	47	34	38	29	29	38	39	34	32	30	29	34	28	27	23	26	21	31	30	30	26	....	33.5
Allentown /.	Maximum	64	66	63	63	53	48	54	64	64	60	58	54	58	62	50	48	48	48	43	39	41	45	45	40	43	47	46	51	45	40	....	51.7
	Minimum	35	47	42	43	47	34	34	38	40	41	47	35	32	29	30	42	39	35	30	30	31	35	28	26	29	23	23	35	31	33	....	34.8
Altoona-4.5 W.	Maximum	66	67	66	60	53	46	52	68	59	58	46	53	54	55	50	52	43	42	41	38	38	40	39	36	38	42	40	44	41	35	..	48.7
	Minimum	38	41	44	41	33	27	32	44	40	43	37	30	25	30	40	39	36	37	33	31	31	32	28	26	18	17	33	37	33	23	....	33.3
Arendtsville[6]	Maximum	62	60	63	59	55	44	58	70	62	57	52	57	59	58	56	52	47	49	46	39	43	46	40	40	45	45	40	46	38	38	....	50.9
	Minimum	40	44	47	45	37	35	29	37	39	48	42	25	27	28	40	40	42	39	36	33	36	34	28	25	30	20	37	36	32	25	....	35.2
Berwick/	Maximum	63	64	62	64	47	39	57	58	59	57	60	53	45	55	52	47	47	48	40	35	39	42	40	38	40	43	44	47	38	35	....	48 6
	Minimum	38	41	42	42	35	32	31	39	45	45	34	27	27	25	25	41	40	40	28	28	32	32	31	26	30	24	29	38	32	32	....	33.7
Bethlehem[1]	Maximum	64	66	62	60	60	46	53	64	62	58	50	54	58	61	50	47	46	52	48	35	38	42	43	35	41	50	42	50	40	39	....	50.5
	Minimum	45	49	42	46	46	32	35	44	41	50	36	34	30	38	42	38	38	34	34	30	33	32	30	28	28	26	38	38	34	28	....	36 6
Bradford-4 W.	Maximum	71	71	69	66	45	35	49	60	61	58	46	52	55	62	53	50	40	42	42	40	36	36	34	33	33	45	44	44	38	37	....	48.2
	Minimum	29	32	44	33	30	26	29	39	39	45	30	31	13	15	37	35	34	36	31	30	31	30	25	24	23	11	35	35	22	25	....	30.0
Brookville[3]	Maximum	70	70	70	54	40	34	50	66	64	52	42	53	59	58	59	41	39	41	40	35	37	37	35	33	38	46	52	42	41	33	....	47 7
	Minimum	32	42	35	36	30	31	34	46	49	42	33	23	19	22	41	36	36	35	34	33	33	30	24	25	19	18	37	37	33	21	....	32.1
Burnt Cabins[1-2 NE ...	Maximum	69	62	64	60	48	46	56	73	58	56	50	54	60	63	64	48	44	47	44	40	42	42	38	42	44	44	46	38	42	40	....	50.5
	Minimum	38	41	42	42	30	30	30	32	46	47	33	23	18	21	40	40	30	33	28	32	31	32	30	28	22	16	36	30	31	23	....	31 8
Butler	Maximum	72	71	72	70	72	68	49	62	70	67	45	47	50	54	56	58	42	42	45	44	40	40	39	40	36	50	55	55	46	48	..	53 5
	Minimum	33	40	35	37	35	31	32	43	45	45	39	25	22	25	44	38	36	37	34	34	35	34	31	29	18	18	34	34	30	28	....	33 1
Canton /-1 NW	Maximum	65	61	64	61	44	38	51	55	59	54	39	39	49	61	49	44	43	44	36	34	36	39	34	34	36	44	46	40	36	34	....	45.6
	Minimum	41	45	48	48	37	26	35	37	40	44	35	30	21	21	28	42	35	35	24	24	27	28	22	27	27	24	24	34	29	31	....	32.3
Carlisle	Maximum	63	60	64	58	56	46	56	68	63	60	55	54	54	59	54	51	48	50	42	42	44	46	43	43	48	45	45	50	45	40	...	51.7
	Minimum	40	40	39	39	38	32	32	35	39	50	44	28	22	21	35	39	40	34	29	29	33	28	27	28	18	33	38	32	27	30	...	33.0
Chambersburg[6-1 SW. . .	Maximum	63	60	63	60	54	46	58	68	64	59	53	55	58	58	58	50	46	50	46	40	44	45	39	41	45	44	42	47	37	38	...	51.0
	Minimum	37	40	43	40	36	33	33	32	42	50	41	29	23	26	40	39	36	35	36	31	31	35	31	28	26	19	36	35	29	25	....	33.9
Clarion[6-3 SW	Maximum	70	72	69	52	45	35	52	65	67	57	46	51	57	57	58	53	41	42	42	40	40	42	37	35	38	46	52	50	44	41	....	49.9
	Minimum	33	37	38	37	31	31	33	38	41	43	38	31	20	28	39	32	36	37	32	33	33	30	27	22	23	20	38	35	34	22	....	32.2
Claysville /.	Maximum	72	72	71	56	41	39	55	70	68	47	43	41	48	60	65	46	38	38	44	40	39	42	36	38	37	52	52	43	45	31	..	49.0
	Minimum	32	46	44	42	36	29	22	22	35	46	42	36	21	22	26	34	36	35	35	35	33	33	26	25	17	16	28	37	27	30	....	31.6
Coalport	Maximum	68	60	60	60	40	40	50	57	62	50	43	55	59	60	62	42	44	42	41	37	39	39	37	36	38	44	46	44	40	34	....	47.6
	Minimum	36	40	41	40	39	32	30	42	50	48	38	31	20	22	42	41	40	40	36	32	33	32	30	29	25	16	40	40	38	24	....	34.9
Coatesville[6.	Maximum	68	65	63	66	56	41	52	65	68	59	51	51	57	60	57	53	49	43	46	38	41	45	43	40	41	45	43	50	43	44	....	51.5
	Minimum	44	45	47	47	39	32	34	40	42	49	45	34	31	32	39	46	43	37	37	32	36	34	31	28	31	22	29	42	35	31	....	37.1
Columbia	Maximum	70	70	69	68	58	47	59	70	68	63	57	56	58	66	57	55	50	50	50	44	42	47	44	43	49	49	44	55	44	42	....	54 8
	Minimum	40	41	42	42	41	34	36	37	42	50	39	32	23	23	35	43	41	31	26	31	34	31	28	26	28	19	32	40	28	32	....	34.2
Corry	Maximum	71	70	69	60	44	33	51	65	65	58	46	48	55	57	54	53	43	41	44	38	36	36	37	34	35	42	53	45	42	41	....	48.9
	Minimum	37	47	46	43	32	30	32	45	45	43	37	34	19	22	41	38	35	37	32	32	33	31	28	26	30	19	37	35	28	23	....	33.9
Coudersport.	Maximum	69	68	68	64	49	31	52	60	59	57	48	53	58	63	49	52	41	42	43	41	35	36	37	33	33	46	42	41	38	36	..	48.1
	Minimum	31	36	36	34	29	23	27	41	39	45	31	28	14	18	33	35	32	35	30	29	30	27	26	22	25	15	33	33	23	24	....	29.5
Curwensville[3-6 NW	Maximum	65	64	65	55	37	30	47	62	56	50	42	51	55	55	52	41	35	38	35	32	33	32	37	32	34	38	42	38	34	31	....	43.9
	Minimum	43	45	46	37	25	26	30	43	48	40	29	27	26	32	41	33	34	35	31	30	29	27	24	23	22	20	32	30	29	16	..	31.8
Derry	Maximum	73	72	72	62	44	36	53	71	69	61	44	49	55	56	67	52	42	42	47	43	40	39	38	34	46	52	55	50	46	40	....	51.7
	Minimum	57	55	53	43	35	31	35	40	51	44	33	33	22	25	37	40	38	38	33	36	34	33	31	27	30	34	43	38	31	21	....	36.7
Donegal[1]	Maximum	72	72	70	58	41	33	50	68	68	55	43	48	56	60	64	51	38	36	42	39	34	34	35	33	33	46	51	42	43	33	....	48.3
	Minimum	37	43	43	41	28	28	30	36	44	42	36	26	18	22	45	36	33	34	30	32	30	29	28	26	16	18	38	28	31	19	....	31.6
Donora[1]	Maximum	75	75	73	60	46	42	54	73	73	56	47	48	55	63	69	55	44	42	50	43	40	43	39	41	38	50	55	49	52	33	....	52.8
	Minimum	46	45	49	44	36	32	33	41	49	45	42	34	28	32	50	41	40	39	36	39	36	36	32	30	25	25	31	40	33	21	....	37.0
Eagles Mere /	Maximum	65	60	59	55	43	32	48	48	58	55	37	44	48	59	52	42	42	45	35	33	33	38	38	32	35	38	39	42	34	33	....	44.1
	Minimum	40	43	46	45	37	23	23	30	40	42	33	27	24	24	35	41	32	32	24	24	26	26	24	23	23	22	21	31	28	28	....	30.6
East Waterford-3 E	Maximum	60	55	60	60	50	35	49	62	55	55	44	48	54	59	53	46	39	41	38	34	33	35	34	30	35	39	38	41	36	32	....	45.0
	Minimum	47	48	49	48	30	27	29	43	42	43	36	27	34	42	44	38	34	33	31	29	29	30	27	24	25	22	31	35	29	20	....	34.2
Ebensburg /.	Maximum	68	66	67	58	43	32	48	67	64	45	40	50	55	58	60	...	37	35	38	39	33	33	35	30	32	42	45	42	31	30	....	45.6[a]
	Minimum	34	44	45	40	34	27	28	31	45	44	37	28	23	23	28	37	....	34	33	30	32	30	29	24	22	16	19	34	32	28	....	31.4[a]
Emporium /-1 E.	Maximum	....	71	72	59	41	36	56	64	62	....	....	....	....	....	63	....	43	40	45	44	36	38	40	40	39	38	48	43	44	41	35	....	47.4[f]
	Minimum	29	38	39	39	38	30	29	35	42	47	....	....	....	17	....	....	....	38	38	35	32	32	33	25	25	29	15	16	31	26	32	....	31.4[e]
Ephrata	Maximum	68	69	66	66	58	43	54	67	67	59	53	53	58	58	56	53	49	50	47	40	42	46	44	40	46	45	44	51	44	39	....	52 5
	Minimum	41	43	47	46	43	33	36	40	45	52	43	32	27	27	37	47	43	36	30	30	35	34	30	26	32	24	35	42	33	33	....	36.7
Erie[1]	Maximum	75	74	73	61	45	43	52	68	65	55	44	45	50	58	57	47	42	45	49	40	41	41	40	37	38	45	55	42	46	39	....	50.4
	Minimum	53	57	54	44	34	34	35	49	55	44	39	36	33	39	46	40	40	40	40	36	35	38	32	33	29	27	41	35	35	29	....	39 4
Everett[1-0.5 SW.	Maximum	69	64	62	60	47	40	59	70	64	55	51	54	59	62	64	55	43	45	44	41	41	41	39	35	40	45	47	45	38	34	....	50 4
	Minimum	34	30	38	42	33	32	35	30	34	46	35	25	21	22	41	42	39	39	28	32	34	33	29	30	23	15	34	29	28	24	....	31.9
Farrell	Maximum	68	69	68	68	45	32	49	64	63	55	45	42	49	50	55	55	39	39	40	39	39	40	39	33	38	37	47	45	41	41	....	47.7
	Minimum	37	52	44	41	30	30	27	45	51	43	33	29	22	25	42	36	35	34	30	32	31	27	28	26	20	21	37	35	33	20	....	33 4
Ford City-4 S	Maximum	76	76	75	73	65	40	52	70	76	75	52	51	59	63	68	70	50	46	53	50	44	46	48	44	38	53	57	58	49	52	....	57.5
	Minimum	33	38	33	37	31	29	33	37	39	43	39	32	21	23	42	36	35	36	35	35	32	32	28	25	19	17	38	37	28	25	....	32.3
Franklin /	Maximum	71	71	70	51	41	40	55	67	68	50	41	53	59	56	57	48	41	44	48	39	40	41	42	36	38	44	54	43	45	33	....	49.4
	Minimum	29	36	40	41	39	32	34	36	46	47	40	34	26	25	25	35	37	38	37	35	34	32	29	28	29	22	24	39	35	32	....	33.9
Fredericksville-1 S.	Maximum	65	64	63	60	56	42	52	63	62	61	50	52	55	61	55	51	47	50	46	40	39	43	41	38	41	45	41	48	44	38	....	50.4
	Minimum	39	45	40	41	42	30	33	35	41	50	39	28	29	28	34	42	37	29	25	26	32	32	20	23	27	17	25	41	29	33	....	33.1
Freeland	Maximum	55	57	60	58	52	33	47	56	53	53	49	47	48	57	50	43	40	46	39	35	33	36	34	32	35	40	35	40	37	35	....	44.4
	Minimum	43	46	44	46	31	24	27	39	38	46	31	26	24	31	39	35	34	35	26	29	26	28	24	21	22	21	29	34	27	24	....	31.7
George School	Maximum	72	68	69	64	58	45	56	65	68	61	54	57	59	64	58	52	48	55	45	42	43	45	45	43	49	47	43	54	43	47	....	54.0
	Minimum	39	52	43	46	38	35	32	42	40	48	37	30	29	30	37	44	36	31	31	30	33	28	27	24	27	22	29	39	33	32	....	34.8
Gettysburg	Maximum	65	64	62	62	59	44	58	70	67	64	55	55	57	59	57	55	50	48	48	45	45	45	43	41	45	45	44	50	47	39	....	52.9
	Minimum	41	42	47	46	42	34	33	39	40	53	48	29	26	27	41	42	43	39	33	34	34	35	35	29	27	22	36	38	30	35	....	36.7
Gordon	Maximum	62	61	63	61	57	38	51	62	59	57	53	51	53	61	53	47	45	48	46	36	37	41	41	38	42	45	42	47	42	35	....	49.1
	Minimum	40	45	41	39	36	30	34	35	43	47	37	29	20	20	30	42	38	37	24	29	32	32	24	19	30	17	38	38	29	31	....	32.9
Greensburg-2 S	Maximum	74	73	71	58	48	38	53	70	71	59	46	49	56	59	67	61	44	41	48	43	40	38	40	37	39	52	54	49	49	40	....	52.2
	Minimum	30	32	31	33	33	32	34	31	37	45	42	35	21	23	40	34	39	38	31	37	35	32	28	24	17	15	41	38	26	25	....	32.0
Hanover /	Maximum	69	64	64	66	59	47	59	71	70	60	57	55	59	62	58	52	46	48	49	39	44	47	43	42	48	49	43	50	40	40	....	53.4
	Minimum	38	48	47	49	41	34	33	34	44	45	44	30	28	29	30	43	43	41	32	33	34	31	31	27	27	23	25	38	34	35	....	35.7
Harrisburg Arpt. [1-3.5 S	Maximum	64	63	65	62	51	44	56	68	66	60	53	52	56	62	54	50	47	49	46	38	43	44	43	40	44	49	44	50	39	40	...	51.4
	Minimum	46	47	44	46	36	36	39	41	45	49	38	32	32	28	43	45	43	39	36	33	35	34	30	30	32	24	37	34	35	26	....	37.2
Hawley-0.5 E	Maximum	64	66	68	65	58	38	45	51	57	58	51	50	52	59	49	43	45	50	42	33	34	39	40	34	39	43	37	46	38	35	....	47.6
	Minimum	33	41	38	38	38	29	32	37	33	46	35	32	20	22	30	39	35	29	27	24	32	33	17	15	25	18	24	34	28	30	....	30.5
Hewitt-2 SW.	Maximum	69	70	64	65	60	43	58	75	67	66	53	58	59	69	70	63	49	40	45	45	43	41	40	40	41	44	45	47	37	38	....	53.5
	Minimum	29	35	39	39	38	35	29	30	31	48	45	20	17	20	30	43	40	40	25	34	32	36	29	23	20	12	35	36	26	30	....	31.5
Holtwood[1]	Maximum	67	72	71	61	55	45	54	66	64	58	52	52	55	66	59	54	48	49	46	39	44	45	43	40	45	46	44	48	40	41	....	52.3
	Minimum	45	50	48	49	41	38	39	41	46	50	39	37	36	34	43	46	45	37	34	36	38	37	32	32	32	27	39	37	37	29	....	39.1
Huntingdon	Maximum	72	68	69	62	54	40	55	65	63	61	50	54	58	60	54	47	45	46	42	38	44	44	41	40	43	48	43	46	40	36	....	50.9
	Minimum	33	39	33	40	33	32	30	32	35	47	39	23	20	19	36	40	40	38	33	33	32	36	27	22	26	16	37	35	33	25	....	32.1

Continued on page 87.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	71	67	70	67	50	35	....	67	67	64	45	46	56	59	64	45	43	41	44	43	40	39	38	34	36	47	52	49	44	39		50.4*
	Minimum	48	50	47	45	34	30	....	40	53	44	39	32	28	30	45	38	36	37	36	35	33	32	28	25	23	24	39	37	31	23		35.3*
Irwin	Maximum	71	75	72	70	50	36	53	71	70	65	47	51	58	58	66	66	45	42	44	43	41	39	39	38	38	50	51	51	45	43		52.9
	Minimum	42	45	42	45	35	32	30	39	46	46	41	35	25	27	47	40	38	38	34	36	34	31	29	27	20	19	41	38	28	25		35.2
Jamestown/-2 NW	Maximum	74	74	72	54	43	40	55	70	63	56	44	48	58	58	67	45	42	45	45	42	41	44	37	38	39	50	58	43	45	36		50.9
	Minimum	33	43	43	43	36	28	26	44	43	36	33	19	21	26	34	34	34	34	31	30	30	31	23	22	14	12	23	32	31	28		30.5
Johnstown[6]-0.5 W	Maximum	73	68	69	58	43	33	53	71	68	59	42	50	58	62	64	57	39	39	41	39	35	37	38	33	34	44	48	45	39	34		49.1
	Minimum	37	59	42	40	30	29	32	39	41	42	37	31	23	25	43	38	35	36	32	33	31	30	28	28	24	16	35	35	29	22		32.7
Kane[4]-1 N	Maximum	68	68	67	54	40	33	49	63	60	54	44	52	56	59	51	47	38	42	43	33	35	36	33	32	32	41	49	39	38	34		46.4
	Minimum	32	36	31	31	27	25	31	42	46	42	32	23	15	17	36	32	34	34	33	31	31	26	21	20	15	10	34	28	27	20		28.7
Lancaster	Maximum	68	67	68	67	62	47	56	68	68	64	58	54	59	60	56	55	48	50	48	48	43	46	44	43	47	46	44	53	48	43		54.3
	Minimum	35	38	39	42	39	32	35	32	37	46	45	26	21	23	32	39	40	32	25	31	34	27	27	23	27	20	27	40	28	33		32.5
Lawrenceville	Maximum	70	69	70	68	49	34	54	58	58	58	50	50	54	52	47	47	43	48	42	35	36	40	39	36	35	18	43	42	38	38	....	48.4
	Minimum	36	38	40	41	32	24	31	42	38	49	34	33	26	22	34	39	36	36	28	29	32	29	26	26	30	26	36	37	30	28	....	32.9
Lebanon	Maximum	68	65	68	64	52	42	55	69	67	57	52	55	60	63	52	49	50	52	49	39	42	44	44	40	45	48	47	49	40	39	....	52.8
	Minimum	41	47	48	45	44	33	34	37	43	44	47	33	27	27	28	42	42	40	28	29	32	35	28	25	29	22	23	38	35	34	....	35.3
Lewistown-2 SW	Maximum	64	62	68	59	48	48	56	67	61	68	52	55	59	60	54	50	45	49	46	40	43	45	42	40	45	48	46	48	39	36	....	51.4
	Minimum	34	38	38	45	45	34	28	38	44	45	34	28	24	26	24	42	42	42	38	34	33	34	36	30	28	30	18	38	36	38	....	34.4
Lock Haven[6]	Maximum	71	69	71	64	54	40	59	64	63	61	51	56	55	58	47	47	46	47	46	38	41	44	41	39	46	45	43	49	43	38	....	51.2
	Minimum	36	41	43	41	30	32	35	44	50	50	38	28	23	24	36	40	40	39	33	31	32	32	29	23	27	20	36	39	30	27	....	34.3
Marcus Hook[1]	Maximum	73	67	67	69	62	46	57	67	71	64	63	55	59	63	61	59	51	52	49	43	45	49	46	44	47	45	47	55	51	52	....	55.9
	Minimum	48	54	52	54	39	36	38	49	47	52	38	36	36	40	45	47	41	39	35	35	39	38	36	33	33	30	39	40	38	32	....	40.6
Martinsburg[3]	Maximum	67	64	63	59	42	37	51	65	62	54	45	52	54	59	59	50	40	42	40	36	37	39	36	33	36	42	44	43	36	33	....	47.3
	Minimum	45	44	46	42	29	30	31	40	46	44	33	27	25	27	42	39	37	33	32	32	33	30	26	27	23	19	35	34	32	20	....	33.4
Mauch Chunk-1 SW	Maximum	....	62	60	61	....	44	49	59	57	56	55	....	49	57	....	47	46	48	....	38	38	40	39	38	38	37	....	15	45	37	....	47.7[†]
	Minimum	....	32	40	....	40	31	33	36	37	42	40	....	26	24	....	42	40	....	28	27	33	32	25	19	29	20	....	25	29	32	....	31.8[†]
Meadville -1 S	Maximum	70	70	70	51	38	39	52	67	64	47	41	51	61	55	55	42	40	43	45	37	39	41	37	34	36	47	55	41	45	32	....	48.2
	Minimum	31	46	42	42	37	32	32	33	47	46	37	35	22	22	25	32	37	36	32	30	32	32	29	25	23	20	26	36	34	29	....	32.7
Mercer[3]-2 5 NE	Maximum	69	69	68	51	39	35	50	64	63	51	41	47	56	54	57	41	38	41	41	37	40	39	35	33	37	40	52	41	43	32	....	46.8
	Minimum	45	49	46	38	30	31	30	45	50	41	34	25	22	29	37	36	36	33	31	32	32	30	24	20	15	16	37	33	32	21	....	32.7
Middletown[1]-1.5 W	Maximum	68	63	65	64	53	44	55	68	67	59	53	58	56	63	56	50	47	50	47	38	43	45	43	40	45	46	42	49	39	40	....	51.7
	Minimum	38	46	42	45	35	34	35	35	42	47	37	29	26	25	43	39	42	35	39	32	35	31	27	28	27	21	38	33	31	27	....	34.5
Midland[6]	Maximum	71	71	69	57	45	38	52	67	68	55	48	44	50	58	62	49	42	42	47	45	45	42	45	44	42	45	55	48	49	41	....	51.2
	Minimum	41	47	42	43	34	30	28	41	49	45	42	32	27	32	48	37	38	37	38	37	35	36	32	30	24	27	43	35	33	23	....	36.2
Montrose -3 E	Maximum	63	63	61	60	40	32	40	44	56	53	36	42	45	55	48	40	40	46	32	32	34	33	39	30	31	40	39	40	33	31	....	42.6
	Minimum	35	43	45	45	39	28	23	31	39	39	34	29	22	25	32	39	32	31	24	24	27	28	21	21	22	21	21	33	27	29	....	30.2
Mt. Lebanon[6]	Maximum	74	73	71	58	43	39	55	71	69	55	45	44	43	58	65	53	40	39	45	42	38	39	39	37	36	46	53	45	49	38	....	50.1
	Minimum	51	52	49	41	31	30	27	44	51	43	40	32	26	26	49	36	37	36	35	35	33	33	29	26	22	25	41	34	34	20	....	35.6
Mt. Pocono[3]-2 N	Maximum	55	57	62	59	42	29	42	51	54	58	45	46	49	57	45	41	40	45	36	32	38	34	36	30	32	43	39	39	32	33	....	43.4
	Minimum	43	42	39	39	28	24	29	38	34	44	30	28	25	33	38	34	30	28	24	24	30	27	19	21	23	16	30	26	26	18	....	29.7
New Bloomfield	Maximum	63	60	65	61	58	45	56	67	61	60	58	53	55	61	54	51	46	48	46	38	41	44	41	42	44	45	41	49	43	36	....	51.1
	Minimum	40	36	40	45	39	32	34	32	39	45	47	27	19	20	34	36	40	36	33	30	31	34	23	22	28	16	34	35	27	30	....	32.8
Newburg[1]-3.5 NW	Maximum	64	58	66	62	48	46	55	70	68	60	50	62	59	60	56	50	45	48	50	42	42	42	38	38	42	44	54	52	44	42	....	51.9
	Minimum	43	42	44	48	32	32	35	40	44	48	36	32	26	27	42	41	40	38	36	32	32	34	28	32	28	22	34	32	32	24	....	35.2
New Castle-1.5 N	Maximum	73	73	72	70	51	38	55	71	67	57	48	48	55	56	64	60	44	43	44	43	40	40	42	40	40	43	58	50	48	47	....	51.7
	Minimum	37	39	39	43	35	32	30	40	49	47	40	31	25	26	48	37	39	37	34	35	34	33	31	26	21	20	40	38	31	29	....	34.9
Palmerton[1]	Maximum	61	62	63	59	49	36	52	62	61	59	52	53	55	62	48	47	47	50	43	34	40	42	40	37	40	42	42	47	34	39	....	48.6
	Minimum	40	45	42	44	35	32	36	44	42	52	38	36	29	26	37	41	38	33	30	29	34	28	26	22	30	20	38	33	30	26	....	34.5
Park Place[3]-1 NW	Maximum	52	57	58	54	40	30	45	59	52	53	42	45	45	56	46	42	39	44	37	32	32	35	33	30	33	39	37	40	34	34	....	42.5
	Minimum	14	47	45	40	26	25	29	41	39	29	28	26	26	37	39	36	35	32	26	27	29	27	25	22	24	21	30	30	27	19	....	31.0
Philadelphia Arpt [1]	Maximum	73	67	65	63	56	43	54	66	70	60	53	54	57	61	59	55	49	51	46	44	43	47	43	42	47	46	46	52	49	50	....	53.7
	Minimum	41	52	48	48	37	35	35	45	43	49	37	31	33	33	41	46	40	35	32	35	35	33	31	30	30	26	36	39	38	29	....	37.4
Philadelphia C.O.[1]	Maximum	72	67	67	62	57	43	55	66	70	60	53	55	59	62	58	53	49	52	47	43	42	46	41	42	47	45	46	54	49	49	....	53.8
	Minimum	50	54	51	52	37	35	39	48	45	52	38	36	36	43	48	44	42	40	38	37	36	38	36	34	33	32	40	41	40	30	....	40.8
Phila. Shawmont	Maximum	70	68	67	65	62	49	55	64	70	65	56	53	56	60	56	55	49	53	50	44	42	46	43	40	44	44	46	50	48	48	....	53.9
	Minimum	44	48	48	47	48	35	35	40	40	53	39	31	30	30	39	48	41	34	29	32	35	37	25	27	34	23	29	40	32	35	....	36.9
Philipsburg[3]-7 E	Maximum	63	62	63	60	38	33	48	64	54	53	43	52	56	56	49	47	37	41	36	32	34	35	34	31	35	39	43	39	33	32	....	44.7
	Minimum	45	39	45	38	27	26	31	43	45	39	29	18	18	16	42	35	34	35	31	29	30	28	23	22	15	13	32	32	30	17	....	30.1
Phoenixville-1.5 SE	Maximum	75	70	67	71	68	57	64	74	78	74	66	81	59	64	58	60	67	62	65	54	49	56	54	48	55	51	54	58	58	52	....	††
	Minimum	39	42	42	43	44	33	34	37	37	47	43	28	23	23	32	44	40	29	28	29	36	34	21	20	21	18	24	24	28	27	....	32.3
Pittsburgh Arpt Sta.[1]	Maximum	72	71	70	56	42	38	53	69	68	54	45	45	52	57	66	45	40	40	45	41	37	39	87	37	35	46	52	43	48	36	....	19 3
	Minimum	50	51	48	43	31	30	31	43	52	44	39	34	30	31	45	38	36	35	35	34	33	33	30	27	26	23	41	35	34	19	....	36.0
Pittsburgh City Office[1]	Maximum	73	73	70	58	44	41	55	71	70	55	46	47	53	60	67	47	43	43	47	43	40	40	41	39	39	48	55	45	50	40	....	51.4
	Minimum	47	56	50	44	32	34	35	49	51	46	41	36	32	35	46	41	39	38	38	37	36	34	34	32	29	27	43	36	36	23	....	38.5
Port Clinton/	Maximum	65	63	62	60	49	50	52	63	62	58	52	52	54	61	51	46	48	50	52	36	40	44	40	38	42	42	46	49	39	36	....	50.1
	Minimum	44	41	43	42	46	32	34	34	41	46	46	32	25	23	35	42	40	37	30	32	32	35	23	21	32	20	25	36	30	33	....	34.4
Putneyville-2.5 SE	Maximum	71	71	69	57	51	35	52	65	69	58	45	50	56	56	61	53	41	42	43	39	39	44	38	36	37	48	52	48	42	38	....	50 2
	Minimum	39	45	39	40	30	30	32	41	45	43	39	30	21	24	42	30	35	36	33	33	32	30	28	24	22	21	36	35	30	22	....	32.9
Quakertown-0.5 E	Maximum	63	64	63	64	58	44	51	60	64	59	53	52	54	58	58	48	47	49	46	35	37	43	44	39	43	42	42	49	43	42	....	50 3
	Minimum	36	44	36	40	42	32	33	37	38	49	32	34	25	25	34	43	37	27	25	25	32	34	25	22	26	18	24	39	27	33	....	32.4
Reading[1]	Maximum	67	67	65	64	52	41	56	65	67	60	51	55	58	63	55	53	50	51	47	38	42	47	43	41	46	47	44	53	40	40	....	52.3
	Minimum	44	47	46	47	36	34	38	46	47	49	36	35	34	31	41	45	43	40	32	33	37	35	32	29	32	26	36	40	35	27	....	37.8
Ridgway/	Maximum	71	72	70	55	38	35	54	66	62	50	46	57	60	63	50	42	39	43	42	35	38	38	35	36	40	48	50	42	41	33	....	48.4
	Minimum	24	30	36	36	29	29	33	45	49	39	31	16	15	18	34	36	36	36	32	32	32	28	19	26	14	14	36	28	32	26	....	30.0
Scranton[1]	Maximum	66	67	61	64	46	35	45	52	62	57	50	47	46	58	54	46	44	48	35	36	38	39	39	34	36	44	42	44	37	37	....	47.1
	Minimum	41	46	41	41	33	29	35	42	44	50	35	34	28	29	39	40	38	33	30	30	35	32	28	28	29	27	36	35	33	26	....	35.0
Selinsgrove	Maximum	63	64	65	60	59	42	57	61	63	60	54	53	52	59	50	48	46	48	45	41	41	40	41	42	45	44	40	52	45	44	....	50.8
	Minimum	40	42	41	41	39	32	35	38	37	53	41	24	22	22	33	37	39	38	31	31	31	30	24	28	30	19	34	34	29	30	....	33.5
Somerset	Maximum	70	65	68	58	47	32	52	69	66	60	42	57	57	61	63	58	40	37	40	39	35	34	37	31	32	43	49	45	38	35	....	48.7
	Minimum	29	32	36	32	31	27	30	36	35	42	36	30	19	21	35	36	34	34	33	32	30	28	27	25	10	7	35	35	25	20	....	29.4
Springs[6]-1 SW	Maximum	67	62	63	58	42	30	49	66	63	55	40	57	56	58	61	54	37	35	37	37	33	32	31	29	32	40	48	40	35	32	....	46.0
	Minimum	35	36	37	36	28	28	29	32	35	40	35	24	23	25	38	35	33	33	29	31	29	28	27	25	11	11	33	28	26	15	....	29.2
State College[1]	Maximum	66	64	65	61	47	37	52	66	60	59	48	51	53	58	50	46	43	45	42	38	39	40	38	36	41	43	45	45	39	35	....	48.4
	Minimum	47	43	52	47	31	32	33	46	47	47	34	29	25	25	43	40	39	37	34	31	33	33	30	26	27	20	38	39	34	24	....	35.6
Stroudsburg-2 E	Maximum	67	67	64	63	59	39	55	62	62	60	56	60	59	65	65	47	43	54	47	34	37	43	43	39	44	46	44	50	47	40	....	52.0
	Minimum	36	44	39	39	38	32	35	36	35	45	43	28	21	23	34	41	39	27	29	26	32	36	21	17	28	18	28	36	28	33	....	32.1
Tamarack -2 S	Maximum	63	63	65	60	36	30	51	60	54	50	40	50	54	59	44	37	35	40	34	30	31	38	36	33	36	38	39	41	31	30	....	43.6
	Minimum	34	43	46	46	36	24	24	29	42	43	35	25	25	29	39	37	33	33	29	27	27	27	25	23	23	19	18	32	27	27	....	30.9
Tionesta -1.5 SE	Maximum	70	70	69	51	38	36	51	65	67	48	43	53	60	52	50	44	38	43	44	37	38	38	32	30	37	15	52	43	42	31	....	47.2
	Minimum	26	33	36	37	35	29	30	33	42	43	36	31	23	22	23	35	35	35	35	32	32	30	27	23	25	18	36	34	33	30	....	31.3
Titusville-2 S	Maximum	70	70	70	65	43	33	53	68	65	59	44	52	61	56	54	54	42	42	45	39	37	36	34	33	36	42	54	49	42	41	....	49.6
	Minimum	44	49	44	43	30	29	31	44	53	42	35	32	19	22	16	34	34	35	34	32	32	28	26	24	27	20	36	34	32	23	....	32.8
Towanda-1 E	Maximum	70	68	67	67	50	35	50	52	62	59	51	51	51	60	46	49	46	50	38	34	36	42	45	37	38	44	43	44	40	35	....	48.7
	Minimum	40	40	37	39	34	28	33	40	41	50	35	33	25	22	33	41	38	37	25	28	32	29	22	28	30	28	36	37	31	30	....	33.4

Continued on page 88.

Daily Temperatures for November 1944—Continued from page 87.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	76	78	75	65	50	38	55	72	70	61	47	50	52	62	68	60	46	40	46	44	41	42	38	39	36	53	55	50	48	41	....	53.3
	Minimum	42	45	47	46	35	31	28	40	48	47	44	32	26	29	47	42	39	38	33	38	35	34	32	28	23	23	44	39	31	24	....	36.3
Vandergrift[1]	Maximum	74	76	73	58	46	40	54	71	73	57	49	47	58	61	67	55	45	45	48	44	43	44	39	39	39	49	53	49	50	40	..	52.9
	Minimum	35	40	39	41	34	34	36	49	42	45	39	31	23	26	45	39	40	39	38	31	36	33	30	30	23	23	42	34	32	23	....	35.1
Warren	Maximum	70	71	70	69	53	31	48	63	62	56	46	50	58	58	48	47	38	40	45	41	36	37	34	32	33	44	49	45	39	37	....	48.3
	Minimum	39	49	46	43	29	30	31	45	49	42	35	35	24	24	42	36	36	37	34	33	33	31	23	21	22	28	37	30	28	23	..	33.8
Waynesburg	Maximum	73	73	72	67	46	37	56	71	67	55	44	44	54	62	65	61	43	38	44	42	40	41	35	39	36	49	52	47	47	41	..	51.4
	Minimum	44	40	37	40	35	29	20	32	43	43	40	28	20	23	45	39	35	35	33	34	32	32	28	26	17	17	42	36	28	21	..	32.5
Wellsboro/	Maximum	68	67	67	64	42	35	55	56	56	56	37	49	55	63	47	43	41	45	42	35	35	39	40	38	38	38	42	44	36	34	....	46.9
	Minimum	25	35	39	41	38	27	26	38	37	43	36	30	23	20	20	38	36	35	30	29	31	29	19	20	27	25	25	35	26	29	....	30.2
West Chester	Maximum	70	68	62	63	55	43	56	66	70	59	52	54	59	62	57	54	49	52	45	40	41	47	41	42	42	47	43	51	44	44	....	52.6
	Minimum	40	50	47	46	43	32	38	40	44	47	42	32	29	33	42	43	39	36	30	32	35	33	29	26	29	25	32	42	35	29	....	36.5
Wilkes-Barre[3]	Maximum	65	67	65	64	47	38	48	54	63	56	52	50	47	59	50	47	45	52	38	35	39	41	39	36	37	49	42	47	37	38	....	48.2
	Minimum	37	43	40	42	34	31	34	40	40	50	37	31	26	26	35	42	42	31	29	30	32	26	26	26	30	28	36	32	31	26	....	33.8
Williamsport	Maximum	67	65	67	64	58	40	56	64	61	60	54	54	54	56	49	49	46	50	46	41	40	40	44	41	43	42	42	41	44	39	...	50.6
	Minimum	45	41	43	40	37	31	35	45	45	51	37	28	24	24	35	40	39	39	27	31	31	31	27	26	30	23	32	37	30	31	....	31.5
Williamstown	Maximum	64	62	67	64	60	41	53	65	62	61	59	52	57	59	52	49	45	48	47	42	39	41	39	38	43	41	41	48	44	36	..	50.6
	Minimum	43	44	40	39	38	38	34	33	43	51	41	30	25	21	33	40	39	38	26	30	31	33	26	21	32	16	31	37	22	28	....	33.4
Woodward[3-2 NE]	Maximum	62	59	60	60	41	32	50	59	53	51	43	47	54	58	47	44	36	39	39	30	32	34	34	30	36	38	39	40	32	32	.	43.7
	Minimum	45	47	48	40	25	25	30	42	41	40	27	25	30	40	42	35	33	33	28	27	29	26	23	23	22	20	31	29	27	16	...	31.6
York-3 SW	Maximum	71	70	66	68	64	47	58	72	70	64	57	57	61	63	60	58	49	52	50	45	43	46	43	43	47	50	48	53	49	40	.	55.4
	Minimum	43	44	42	41	39	35	37	35	42	54	42	31	22	24	37	41	43	34	27	33	35	29	28	22	25	20	35	39	29	35	...	34.8

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.38	2	29.62	10	8.2	26	w.	30	83	69	80	23	603
Harrisburg	30.54	2	29.49	30	8.3	27	w.	30	80	63	71	36	622
Philadelphia	30.55	2	29.37	30	8.9	33	w.	30	83	58	72	31	584
Philipsburg	30.49	2	29.57	30	10.6	32[a]	w.	30	89	69	83	.....	826
Pittsburgh	30.36	2	29.64	15	9.9	27	sw.	9	88	67	76	28	668
Reading	30.56	2	29.41	30	11.3	43	w.	30	78	54	56‡	57	595
Scranton	30.55	2	29.33	30	6.2	27	sw.	30	86	70†	....	31	719

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.
‖ And other directions.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.5	3.9	30	1.5	6	18
Easton	Delaware	1.2	4.0	30	0.4	8†	22
Lehighton	Lehigh	2.7	3.4	30	2.4	9	9
Reading	Schuylkill	3.2	7.4	30	2.8	9	13
Wilkes-Barre	N. Br. Susquehanna	3.4	5.2	30	2.3	8	22
Williamsport	W. Br. Susquehanna	0.6	1.6	30	0.3	12	20
Newport	Juniata	3.3	3.7	30	3.1	9	22
Harrisburg	Susquehanna	3.4	3.8	22	3.2	9	17
Schenley, (nr) Lock No. 5.	Allegheny	12.3	13.5	30	11.8	9	24
Sutersville	Youghiogheny	3.9	6.9	29	3.1	9	20
Charleroi (nr.), Lock No. 4	Monongahela	12.1	15.8	30	11.2	6	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † On other days also

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—1-18-45—975)

551.05
UNP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION.

L. F. CONOVER

HARRISBURG, PA

VOL. XLIX. DECEMBER 1944. No. 12.

GENERAL SUMMARY.

The 2d snowiest and 7th coldest December of record left no doubts as to the arrival of winter. Snow, rain, and freezing temperatures created dangerous road conditions which contributed to the innumerable accidents reported. At least thirty deaths, resulting from overexertion, exposure, and accidents, were attributed to weather causes. Transportation and war production were hampered and many schools closed, temporarily. Highway crews, short of personnel and equipment, were kept busy cindering and plowing roads most of the month. The snowfall average was greater than in any month since February, 1926, and the average temperature was the lowest since January, 1943. Maxima were lower than in any December since 1935 and the extreme minimum, occurring during the cold wave which struck Pennsylvania on the 22d, was the 2d lowest of the period of record for the month. The year closed with an average daily deficieny of 0.2°, a drop of 0.5° since November 30th.

Above normal precipitation reduced the accumulated deficiency for the year to 1.79 inches. Only a few stations, principally in the east, reported totals below their normals. The most significant rain of the month fell on the 7-8th, after which precipitation was mostly in the form of snow. The storm of the 11-12th produced the greatest 24-hour snowfall of the month at western and many northern stations. According to a survey conducted by the Federal-State Flood Forecasting Service at Pittsburgh, snowfall averaged "16 inches over the Allegheny Basin. . .; 18 inches over the Monongahela. . .; and 12 inches over the Upper Ohio. . . ." Small communities were isolated and many secondary roads were blocked by drifted snow. Estimates of losses and expenses, incidental to this storm, range to $2,000,000 in the Pittsburgh district. To make matters worse, more snow fell on the 18-19th, producing greatest 24-hour measurements at most eastern stations. Warmer weather and rain, on the 25th, melted snow and ice, bringing the threat of flooding to western communities. However, temperatures fell that night, averting the danger, and minor damage was confined to the Monongahela Valley. Additional snow on the 27-28th added to the State's difficulties and a number of communities, particularly in the northwest, were still digging out of the snow as the month ended.

Adverse weather conditions during the month bore heavily on the farmer. Outdoor work was retarded, and the delivery of milk to plants was impeded by blocked roads in the north and west. Feeding of roughage was unusually heavy because of the severe weather. However, water supplies showed improvement, and the snow provided excellent protection for winter grains.

G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 80 stations was 26.3°, which is 5.0° below the 57-year normal for December. The highest monthly mean was 35.2° at Marcus Hook, and the lowest was 20.5° at Black Moshannon Airport, Philipsburg. Extremes ranged from a maximum of 60° at Phoenixville on the 9th to a minimum of −26° at Kane and Black Moshannon Airport, Philipsburg, on the 22d.

PRECIPITATION.

The average precipitation for the State as deduced from the observations at 199 stations was 3.79 inches, which is 0.69 inch above the 57 year normal for December. The greatest monthly amount was 7.19 inches at Lycippus, while the least was 1.77 inches at Lawrenceville. The greatest amount recorded in any 24 consecutive hours was 2.50 inches at Corry on the 11-12th.

The average snowfall for the State was 22.6 inches, which is 14.7 inches above the 57-year normal. The greatest monthly snowfall was 76.5 inches at Corry. The greatest fall for any observational day was 26.5 inches at Erie on the 11-12th.

OBITUARY

Mr. Robert Tross, cooperative observer at Johnstown, Pennsylvania, died on December 29, 1944. His services began in October, 1933, and continued until the time of his death.

ERRATA

November, 1944.—Page 82, Curwensville, total snowfall should be 10.0 inches; Greensburg, mean temperature should be 42.1°, departure, −0.8°; Port Clinton, number of days with 0.01 inch or more should be 7; Springs, total precipitation should be 3.12 inches, departure, +0.18 inch; Tamarack, total snowfall should be 8.7 inches. Page 85, Springs, total precipitation should be 3.12 inches. Page 88, Pressure, Wind, Humidity, and Sunshine Table, average hourly wind velocity at Pittsburgh should be 9.7; Table of River Conditions, Wilkes-Barre, mean stage should be 3.3 feet.

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	32.5	62	−10	3.14	5.2	9	8	8	15
1889	39.6	73	0	2.77	0.9	12	11	9	11
1890	27.2	59	−11	3.97	29.4	12	7	8	16
1891	38.4	68	−3	4.09	0.3	10	12	8	11
1892	27.8	70	−13	1.69	5.7	9	7	9	15
1893	32.2	70	−7	3.06	9.4	12	6	11	14
1894	32.4	66	−28	3.95	11.9	10	10	9	12
1895	34.2	70	−10	3.22	2.3	7	10	9	12
1896	30.6	67	−13	1.20	5.4	6	10	9	12
1897	33.0	73	−6	3.95	9.6	12	6	8	17
1898	29.8	68	−11	2.98	8.7	10	10	8	13
1899	31.5	73	−11	3.04	4.4	10	10	10	11
1900	31.2	65	−2	2.08	3.9	7	8	9	14
1901	29.1	77	−18	5.91	7.6	11	7	9	15
1902	28.4	68	−12	5.54	17.3	14	7	7	17
1903	25.4	60	−14	2.66	13.2	9	8	9	14
1904	25.8	71	−19	2.48	14.4	11	7	7	17
1905	33.6	65	−5	3.57	2.2	8	10	7	14
1906	30.8	67	−14	3.97	7.6	14	5	5	21
1907	33.2	68	−8	4.30	9.8	12	7	8	16
1908	32.0	74	−2	2.86	9.4	10	9	8	14
1909	27.0	71	−10	3.39	12.7	8	9	8	14
1910	24.4	68	−14	2.65	16.0	12	8	6	17
1911	36.3	70	5	3.27	5.4	13	7	5	19
1912	34.4	74	−8	3.27	8.1	9	9	7	15
1913	34.2	66	−7	2.63	7.2	8	9	7	15
1914	27.3	69	−28	4.63	13.0	14	8	5	18
1915	29.4	70	−7	4.06	13.7	12	6	8	17
1916	29.7	73	−12	3.07	10.5	12	11	9	11
1917	21.5	52	−28	1.78	15.0	8	10	8	13
1918	36.6	72	−1	3.38	3.0	11	9	7	15
1919	25.3	66	−23	2.61	9.4	11	9	8	14
1920	33.4	68	−7	3.28	3.8	10	7	9	15
1921	31.6	66	−11	2.59	7.2	10	8	8	15
1922	31.5	69	−9	2.75	7.1	10	10	8	13
1923	39.6	71	1	4.99	2.4	14	9	7	15
1924	39.8	69	−23	2.13	3.6	11	7	7	17
1925	30.7	62	−15	1.72	3.8	10	8	7	16
1926	27.3	62	−20	2.58	10.0	12	8	7	16
1927	32.7	73	−6	4.41	4.5	13	9	6	16
1928	24.4	68	−2	1.16	0.9	6	13	7	11
1929	32.2	70	−9	2.77	10.0	12	7	6	18
1930	30.0	59	−15	2.29	6.8	10	6	7	18
1931	38.1	70	−1	2.85	1.1	11	10	6	15
1932	33.3	72	−14	2.19	7.4	12	10	6	15
1933	31.7	74	−22	2.88	8.7	12	9	7	15
1934	30.7	73	−10	2.55	3.0	10	9	8	14
1935	26.3	60	−19	2.62	13.5	16	5	7	19
1936	34.5	74	−11	4.19	6.3	11	11	6	14
1937	29.7	66	−14	2.45	5.7	10	10	5	16
1938	32.2	64	−5	2.56	4.7	11	8	7	16
1939	33.9	68	−8	2.24	6.0	11	7	6	18
1940	35.9	68	−9	3.08	3.1	12	7	7	17
1941	35.6	76	−8	3.10	2.0	10	6	8	17
1942	27.4	62	−25	5.05	11.5	14	6	7	18
1943	28.4	63	−23	1.12	2.1	5	11	9	11
1944	26.3	60	−26	3.79	22.6	13	7	7	17
Period	31.3	77	−28	3.10	7.9	11	8	8	15

Climatological Data for December 1944

Station	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh.	384	....	27.0	−5.7	54	5	− 2	22	2.96	−0.34	0.81	11-12	8.2	11	5	12	14	nw	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	58	24.9	−5.2	45	6	− 7	22	3.01§	+0.28	0.63	7-8	32.5	17	4	15	12	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	3	27.4	.....	54	5	− 2	22	4.11	.....	1.40	11	11.2	8	6	10	15	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	76	27.3	−4.5	48	5	− 2	22	3.81	+0.95	1.33	8	9.0	10	13	5	13	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	48	29.0	−4.3	47	5	5	22	2.79	+0.14	0.74	11-12	9.1	9	6	12	13	ne.	William B Spear.
Coatesville.	Chester	441	56	30.2	−2.7	53	5†	7	22	4.00	+0.24	1.18	11-12	3.0	10	4	2	25	n.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield.	2,215	2	21.5	.....	50	5	− 6	22	5.24	.....	0 97	7-8	41 1	20	4	5	22	w	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	3	21.6	.....	46	5	− 3	22	4.12	.....	0. 88	8	21.7	10	6	6	19	ne.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	7	24.6	.....	49	5	2	22	4.09	.....	1. 53	11-12	16 7	12	4	9	18	nw.	U. S. Weather Bureau.
Emporium-1 E.	Cameron	1,100	58	22. 4[4]	−7.0	48	5	−18	22†	2. 99	−0.19	0. 85	11-12	22 6	13	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	47	29.8	−3.1	51	8	6	22	2.71	−0.37	0.70	11-12	11.8§	12	11	7	13	nw	Ephrata Review.
Everett-0. 5 SW	Bedford	1,020	22	27.1	−2.8	52	5	− 6	22	3 06	+0.13	1. 16	11-12	19.0	9	10	2	19	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	51	24.8	−3.1	51	5	3	19†	3. 21	−0.21	0. 96	8-9	17.9	9	7	6	18	w.	Andrew B. Evansha.
George School	Bucks	184	38	30.5	−3.1	55	5†	6	22	2.80	−0. 39	0. 92	11-12	4. 8	13	15	4	12	w.	Prof. N. W. Swayne.
Gettysburg	Adams	500	71	30.4	−2.4	59	5	5	22	3.90	+0.77	1. 31	7-8	7.0	11	10	9	12	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	40	25.5	−4.1	48	5†	−10	22	3. 49	−0. 23	0. 77	11-12	15.0	10	13	4	14	e.	Miss Sallie M. Johnson.
Hanover	York	600	40	30.6	−4.2	54	5	10	22†	4. 16	+1. 19	1. 39	11-12	10. 4	11	13	4	14	w	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	75	29.6	−3.1	55	5	2	22	3. 61	+0. 59	1. 05	7-8	10. 2	11	6	8	17	w.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	34	25.6	−3.3	52	5	−10	22	2.85	+0 01	0.65	8	12.5	9	13	6	12	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	29	32.1	−2.7	48	5†	10	22	3.06	+0.65	1. 18	11-12	6.5	11	13	2	16	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	57	26. 8	−4.9	49	5	− 5	22	3. 15	+0. 27	1. 22	11-12	14. 0	9	6	6	19	w	Prof. Paul R. Yoder.
Lancaster	Lancaster	255	57	29.7	−3.5	53	5	− 3	22	3. 61	+0. 51	1. 17	11-12	11. 9	13	13	5	13	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	47	24.4	−4.4	47	5	−20	22	1. 77	−0. 16	0. 85	11-12	19.0	7	8	9	14	n.	Carlos P. Darling.
Lebanon	Lebanon	469	60	28. 2	−4.0	58	5	2	22	4. 14	+0. 83	1. 60	11-12	12. 2	10	16	6	9	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	6	28.6	.....	48	5	2	23	3. 42§	.....	1. 05	7-8	.....	8	7	8	16	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	26.6	−4.8	42	21	− 8	22	4. 26	+1. 40	1. 58	11-12	23.8	10	9	3	19	e.	William R. Kelley.
Marcus Hook‡‡	Delaware	12	18	35.2	−3.4	59	10	12	22	3. 46	−0. 08	1. 50	11-12	1. 6	12	15	3	13	w.	Sun Oil Co.
Martinsburg	Blair	1,493	2	25.2	.....	50	5	− 3	22	2. 46	.....	0. 80	11-12	.....	8	3	11	17	w.	Civil Aeronautics Authority
Montrose-3 E.	Susquehanna	1,176	39	21.4[4]	−5.2	43	5	− 4	22†	3. 49	+1.00	0. 76	27-28	31.1	14	6	6	19	n.	Harry S. Fancher.
Mt. Pocono Arpt -2 N.	Monroe	1,914	3	22 8	.....	53	5	10	22	4. 17	.....	1. 25	8-9	12. 5	17	5	9	17	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	26	27.3	−4.2	57	8	− 2	22	2.85§	+0. 30	0. 69	8	9. 0	9	7	4	20	ne.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	3	32.2	−2.4	57	8	10	22	2 80	−0. 63	1. 25	11-12	1. 5	12	9	6	16	w.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	2	20.5	.....	49	5	−26	22	5. 07	.....	1. 27	27-28	35.1	17	3	5	23	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	35	31.2	−1.7	60	9	1	22	3. 63	+0. 55	1 29	11-12	5.0	11	13	8	10	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	6	27. 4	−4.7	55	9	0	22†	3. 07	−0. 54	0. 61	11-12	12. 0	9	16	12	3	n.	Earl E. Rarick.
Quakertown‡‡-0.5 E.	Bucks	480	59	27. 4	−4.0	54	8	− 5	22	3. 33	−0. 01	0. 89	11-12	7. 9	12	13	5	13	w.	John E. Benner.
Reading	Berks	273	74	31.0	−3.2	56	5	8	22	3. 63	+0. 07	1 05	11-12	10. 7	12	10	6	15	w.	U. S. Weather Bureau.
Scranton	Lackawanna	746	50	27. 2	−3.5	48	5	− 1	22	2. 33	−0. 69	0. 58	11-12	12. 0	11	7	8	16	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	54	26. 2	−5.6	47	8	−11	22	3. 76	+0. 77	1. 05	8	14. 9	12	7	10	14	sw.	Dr. George E. Fisher.
State College	Centre	1,217	59	25.9	−4.1	45	5	− 3	22	3 17	+0 55	1. 14	11-12	21. 0	10	7	6	18	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	25	28. 2	−2.4	58	5	− 6	22	3. 25§	+0. 04	1. 04	8-9	7. 7§	9	8	4	19	nw.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	4	21. 2	.....	50	5	0	22†	4. 27	.....	1. 43	11-12	34. 1	15	5	9	17	w.	James E. Swartz.
Towanda‡‡-1 E	Bradford	754	50	25.3	−3.8	42	8	−16	22	2. 93	+0.74	1. 17	11-12	16. 0	11	8	14	9	w.	Mrs. M. Ordelia Parks.
Wellsboro‡‡	Tioga	1,319	74	21.0	−7.0	54	5	−21	22†	3. 32	+0 93	1. 42	11-12	24. 8	10	6	4	21	s.	M. S. Bliss.
West Chester‡‡	Chester	440	95	30. 8	−2 6	53	8	8	22	3. 69	−0. 10	1. 25	11-12	6. 1	12	16	2	13	w.	Clyde T. Saylor.
Wilkes-Barre‡‡	Luzerne	541	6	26.6	.....	47	5	− 8	22	2. 29	−0. 44	0. 71	11-12	8. 7	8	3	16	12	sw.	Civil Aeronautics Authority
Williamsport‡‡	Lycoming	550	58	§§	.....	41	4†	§§	.....	4. 18§	+1. 29	1. 50	11-12	20. 0§	10	12	2	17	w.	John D. McEwen.
Williamstown‡‡	Dauphin	775	28	26.1	−5.4	50	5	− 5	22	3. 55§	+0.68	1. 27	8	9 5§	8	7	7	17	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	3	22.5	.....	50	5	3	22	4. 45	.....	1. 75	11-12	23. 3	15	5	8	18	w.	U. S. Weather Bureau.
York-3 SW‡‡	York	390	56	30.6	−2.8	55	5	0	22	3. 53	+0. 67	1. 01	8	9. 0	11	15	7	9	w.	York Water Co.
Division mean			....	**26.9**	.....	**60**	**9**	**−26**	**22**	**3.48**	.....	**1.98**	**11-12**	**14.8**	**11**	**9**	**7**	**15**	w.	
Ohio Drainage																				
Bradford-4 W.	McKean	1,680	27	22.2	−5 7	49	5	−20	22	3. 32	+0.26	0. 75	7-8	39. 1	16	2	5	24	w.	City Water Dept.
Brookville†	Jefferson	1,400	53	23. 0†	−5. 2	49	5	−19	22	4. 29†	+1. 20	1. 11	11-12	.....	18	2	8	21	w.	Civil Aeronautics Authority
Butler	Butler	1,077	30	26. 2	−5.3	46	6	−15	22	4. 25	+1. 53	1. 03	11-12	36. 0	14	3	19	9	w	Butler Eagle.
Clarion‡‡-3 SW	Clarion	1,114	34	24.8	.....	48	5	−19	22	3. 77	+0. 25	1. 20	11-12	37. 2	18	3	3	25	w.	Penna. Electric Co.
Claysville	Washington	1,170	40	24.8	−8. 2	54	5	−11	22†	4. 15	+1. 26	1 29	11-12	27. 8	12	5	4	22	nw.	Walter B. Paget.
Corry	Erie	1,410	29	22 9	−5. 7	47	5	−22	22	6. 37	+2. 92	2. 50	11-12	76 5	17	8	4	19	sw.	J. Fred Kinley.
Coudersport‡‡	Potter	1,653	17	21. 8	−4 6	51	5	−24	22	3. 86	+0. 90	0. 93	11-12	39. 3	13	3	8	20	se.	Potter Enterprise.
Derry	Westmoreland	1,150	47	28.6	−3. 8	56	5	−11	22	6. 63	+3. 43	1. 52	11-12	31. 5	13	8	8	15	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	1	25.2	.....	52	5	− 6	22	6. 20	.....	1. 17	27-28	46. 7	20	3	10	18	w.	Penna. Turnpike Comm.
Donora‡‡	Washington	761	18	30 5	−5. 4	55	5	2	22	4. 90	+2. 31	1. 32	25	22. 1	14	0	3	28	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	27	22.4	−6. 5	52	5	− 5	22†	4. 13	+1. 17	1. 05	27-28	28. 1	18	7	3	21	w.	Miss. Emma H. Eastman.
Farrell	Mercer	855	31	24.6	−6. 7	43	5†	−10	22	2. 85§	+0. 53	1. 00	11-12	25. 0	14	9	11	11	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	1	28. 8	.....	57	5	−16	22	3. 90	.....	1. 10	11-12	22. 5	13	5	1	25	sw.	U.S. Engineers.
Franklin	Venango	987	70	24. 8	−4. 8	50	5	− 8	22	3. 46	+0. 22	1. 62	11-12	37. 0	14	5	5	21	n.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	35	27. 6	−5. 5	56	5	−15	22	6. 40	+3. 27	1. 18	25	32. 9§	17	5	7	19	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	43	27. 2	−3. 8	53	5	1	22	4. 65§	+1. 24	1. 10	24-25	23. 8	16	8	10	13	n.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	3	23. 8	.....	52	5	−14	22†	2. 21	.....	0. 71	11-12	.....	16	....	....	....	ne.	Pa. Dept. Forests & Waters.
Johnstown-0.5 W.	Cambria	1,650	62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kane-1 N.	McKean	1,750	29	20.6	.....	48	5	−26	22	3. 29	−0. 21	0. 69	11	43. 0	24	5	1	25	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	50	23. 4	−5. 8	47	5	−13	22	3. 44	+0. 33	1. 04	11-12	47. 9	19	1	6	24	sw	City of Meadville.
Midland	Beaver	780	8	27. 8	.....	45	6	− 3	22	3. 33	.....	1. 06	11-12	24. 2	11	3	2	26	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	64	26. 8	−4. 3	51	5	−10	22	3. 45	+0. 84	1. 30	11-12	26. 9	13	0	5	26	nw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	11	27. 6	−4. 4	54	5	7	22†	6. 18	+3. 32	2 22	11	26. 0	16	3	6	22	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	1	25 0	.....	50	5	−16	22	4. 86	.....	1. 20	11-12	36. 4	18	3	6	22	nw.	U.S. Engineers.
Ridgway	Elk	1,385	37	21. 8	−6. 4	53	5	−21	22†	3. 66	+0. 96	0. 68	25-26	30. 0	17	3	8	20	s.	West Penn Power Co.
Somerset	Somerset	2,100	73	25. 2	−3. 8	55	5	−20	22	4. 90	+1. 15	0. 97	27-28	39. 1	18	4	2	25	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	25	24. 4	−5. 4	56	5	−14	22	5. 17	+1. 95	1. 10	11-12	33. 3	20	4	2	25	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	7	21. 6	.....	50	5	−22	22	3. 99	.....	1. 43	11-12	33. 4	20	3	4	24	se.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	1	23. 6	.....	48	5	−15	22	3. 81	.....	1. 36	11-12	41. 1	18	0	11	20	sw.	Arthur M. Stokes.
Uniontown‡‡	Fayette	1,040	56	30.0	−5. 1	57	5	− 5	22	5. 01	+1. 58	1. 03	11-12	22. 0	14	7	6	18	sw.	William W. Marsteller.
Vandergrift‡‡	Westmoreland	825	30	29.2	−4. 4	54	5	− 5	22	4. 70	+1. 96	1. 19	25	§§	12	6	17	8	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	56	23. 8	−4. 9	49	5	− 1	27	3. 94	+0. 81	1. 30	11-12	36. 5	19	1	14	16	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	15	27.0	−7. 2	55	5	−11	22	3. 99	+1. 11	0. 79	11	22. 0	12	4	6	21	w.	Thomas S Knox.
Division mean			....	**25.3**	.....	**57**	**5**	**−26**	**22**	**4.35**	.....	**2.50**	**11-12**	**34.0**	**15**	**4**	**6**	**20**	sw.	
Lake Drainage																				
Albion	Erie	900	....	§§	.....	45	5	§§	....	§§	.....	§§	.....	§§	.....	.....	.....	.....	.....	Samuel D. Lewis.
Erie	Erie	705	71	28.8	−3.1	47	5	9	27	4.68	+1.85	2.36	11-12	53.6	21	0	6	25	s.	U. S. Weather Bureau.
State mean			....	**26.3**	**−5.0**	**60**	**9**	**−26**	**22**	**3.79**	**+0.69**	**2.50**	**11-12**	**22.6**	**13**	**7**	**7**	**17**	w.	

[See page 96 for explanation of reference marks.]

Daily Precipitation for December 1944

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE *Delaware Basin*																															
UPPER DELAWARE																															
Dingmans Ferry[2], 0.5 E	Pike	.14							.04	.74			.52	.06						.41						11	.41		.69				3.12
Hawley[2], 0.5 E	Wayne	.22	T	T					.08	.65	T.		.53	.05	T.	T.				.41						.31	.16		.49		T.		2.85
Hollisterville[2]	Wayne	21	.04						.02	.59	.01		.54	.12	T.	T		T.		.40						.14	.29		.53	T.		T.	2.89
Lakeville[2], 1 N	Wayne								.03	.51			.57	.21	.11					.57						.26	.08		.53			.06	2.93
Matamoras[2]	Pike	.29								.83			.64	.04						.42						.24	.20		.74				3.40
Mount Pocono[3], 2 N	Monroe	.06	.02					.05	1.25	T.		.30	.60	.02	T.	T.	.04	T.	.37	.08	.01	.05			T.	.44	T.	.76	.06	T.	.02	.04	4.17
Pleasant Mount[1, 5], 1 W	Wayne								.41			.12	.50	.08	.06		.02	.05	.14	.05					.04	.93		.43	.06			.32	3.21
Stroudsburg, 2 E	Monroe	T							.61	.43			.66				T.			.46						.28	.08	*	.79			.03	§3.25
Tanners Falls[1, 5], 1 SE	Wayne								.50				.60						.17	.06						.71	.01	.62	.10			.20	2.97
LEHIGH																															
Allentown Arpt[3], 4 NE	Lehigh	T.	T.					.01	.56	T.		.52	.29	T.			.01		.27	.05			T.			.46	T.	.62	T.	T.	.01	.16	2.96
Allentown[2]	Lehigh	.10							.02	.62			.80	T.			.01	.01		.46						.30	.26		.68			.02	3.28
Bethlehem[1]	N'rthampton	T.						.01	.50			.40	.38	T.			.07		.34	.04						.49	.03	.61		T.	.01	.26	3.14
Blakeslee Corners[1, 5]	Monroe								.85			.12	.55	.03		.01	.05		.23	.13						.44		.26			.05	.02	2.74
Gouldsboro[2]	Wayne	.27	T	.02					.05	.85	T.		1.08	.10	.02	.01		T.		.33			.03			.27	.22		.31			.03	3.59
Lausford[2]	Carbon	.15	T.						.03	1.17			.83	.09						.28						*	.43		.35				3.33
Mauch Chunk, 1 SW	Carbon	T.	T.						1.08	.12		.02	1.09	.02					T	.37		T.				*	*	T.	.60		T.	*	3.30
New Tripoli	Lehigh	T.							1.00	.24		.18	.97	T.			)		.10	.41						.36	.03	.52	.09			.04	3.94
Palmerton[1, 5]	Carbon							T.	.69			.63	.26						.30	.06		T.				.25	.02	.60	T.		T.	.04	§2.85
Zionsville, 1 SW	Lehigh								.76	.02		.11	.84				.01		.02	.42		T.	T.			.45	.07	.06	.57		T.	.04	3.37
SCHUYLKILL																															
Conshohocken	Montgomery								.63	.38		.81	.98	.35			T.		.13	.47						*		.09	.15		.78	.51	††
Fredericksville[2], 1 S	Berks	.10	T.						.05	.97			1.00	T.			T.	.18		.34						.40	.18		.68		T.	T.	3.90
Gratersford[2]	Montgomery	.11							.17	.52	.04		.86	.06						.46						.17	.54		.98			.14	4.05
Phoenixville[2], 1.5 SE	Chester	.14							.03	.68			1.29	04				T.		.32			T.			.24	.18		.57		.11	.03	3.63
Port Clinton[2]	Schuylkill	.30							.10	.45			.61	.20				T.		.50						.21	.20		.50				3.07
Pottstown[2], 0.5 S	Montgomery	.13							.05	.70			1.09	.03				T.		.52						.05	.38		.58		T.	T	3.53
Pottsville[2]	Schuylkill	.08							*	.95			.67	.13						.28			T.			.18	.20		.53			T	3.02
Reading[1, 5]	Berks		T.					T.	.81			.76	.29				.01		.33	.10		T.			.49	.05	.61	.01	T.	.01	.16	3.63
Wernersville	Berks		T.						.64	T.		.21	.76				.01		.11	.34				T.		.60	.04	.30	.27		.02	.17	3.47
LOWER DELAWARE																															
Coatesville[6]	Chester		T.						.90	T.		.32	1.18	.01					.01			.01				.60		.45	.16			36	4.00
Doylestown	Bucks								.49	T		.04	.78	T.			T		.02	.29		T.				.32	*	.19	.50		T.	.05	2.68
George School	Bucks								.28	T.		.13	.79	.02			T.		.04	.25		.01	.01	T.		.43	.03	.08	.66			.07	2.80
Marcus Hook[2]	Delaware	.15	.13						.03	*			1.81	.07				T.		.05			.01			.20	.10		.88		.03	T.	3.46
Philadelphia Airport Station[1, 5]	Philadelphia		T.					T	.34			.99	.26				T.		.05	.03		.01		T.		.26	T.	.55	.01	.06	.01	.23	2.80
City Office[1, 5]	Philadelphia							.01	.27			.95	.67				T.		.10	.05		.06		T.		.24		.74		.05	.01	.21	3.36
Shawmont	Philadelphia								.55	.03		.11	1.53				T.		T	.19		T.	.06			.30		T.	.75	T.	.05	.10	3.67
Quakertown, 0.5 E	Bucks								.64	.03		.08	.89				.05		.05	.46						.42	.05	.14	.44		T.	.08	3.33
West Chester	Chester		.04						.85	.01		.25	1.25	T.			T.		T.	.15		.03				.33		.20	.40		.07	.11	3.69
West Grove[2], 1.5 SE	Chester								.11	.76			1.35	.03						.13			.09			.03	.08		.74		.03	T.	3.35
Susquehanna Basin CHEMUNG																															
Austinburg[1, 5], 2 W	Tioga	*	.74						1.08	.02		.76	.90	.02	.02				.07	.01	.03	.02				.15		.16	.02	T.		.17	4.17
Covington[2]	Tioga		T.							.75			1.13	.12					T.	.13		T.				T.	.25		.25				2.63
Lawrenceville	Tioga	.05							*	.62			.85		T.					.05		T.				.10	T.	.10	T.				1.77
NORTH BRANCH																															
Berwick[2]	Columbia	.20							.06	.77			.62	.12						.53			T.			.07	.37		.34		.01	.02	§3.11
Canton[2], 1 NW	Bradford	.23	.06	T					.01	.98	.01		1.22	.12		T.		T.		.27		T.	T.			.07	.22	T.	.30	T.			3.49
Danville[2]	Montour	.17							T.	.67			.74	.13						.34					*	.26	.21		.54				3.06
Freeland[2]	Luzerne	.23	.02	T.					T.	.96			*	.90			T.	T.		.48			T.				.15	T.	.45		T.	.02	3.21
Millville[1, 5]	Columbia								.58			.34	.31	.01					.11	.05						.53		.37	.08		.02	.21	2.61
Monroeton[2], 2 S	Bradford	.31	T.	T.	T				T.	.90	T.		1.59	.14		T.		T.	.02	.37		T.	.05			.11	.20	T.	.18	T.		T.	3.87
Montrose[2], 3 E	Susquehanna	.10	.18	T.					.01	.43	.01		.46	.55	T.	T.				.33	T	T.	T.			.20	.43	.02	*	.76		.01	3.49
Orwell[2], 3 N	Bradford	.60	30	T					.20	.73			.94	16		T.				.15	T.		.10			.17	.23		.22			.10	3.90
Park Place[3], 1 NW	Schuylkill	.02						T.	.96			.43	.59	T.	T	T.	.02		.29	.01	T.	.01				.37	T.	.22	T.	.02	.02	.04	3.00
Pikes Creek[1, 5]	Luzerne								.79			.29	.51	.12					*	.36						.53		*	*	*	*	.79	3.39
Rush[2], 6 S	Susquehanna								.05	.89			1.42							.75	.10					.33			.60				4.14
Scranton[1, 5]	Lackawanna	.08	T.					T.	.30	T.		.20	.44	.05	T.		T.	T.	.16	.09		T.			.06	.26	T.	.37	T.		T.	.32	2.33
Susquehanna[2]	Susquehanna																																
Towanda, 1 E	Bradford	T.	T.	T.					.80	.11	T.	.11	1.08	.04		T.	T.	T.	.01	.23	T.	T.				.18	.17	.16	.04		T.	T.	2.93
Tunkhannock[1, 5]	Wyoming								.75			.23	.58						.30	.03						.38		.50	.02			.21	3.00
Wilkes-Barre[3], 3 N	Luzerne	T.	T.						.42	T.		.31	.40	T.	T.	T.	T.		.27	.01	T.	T.			T.	.33	T.	.35	T.		T.	.20	2.29
WEST BRANCH																															
Ansonia[2], 2 W	Tioga	.12	T.						.11	1 11			.61	.03				T.		.16	T.	T.				.11	.13		.34				§2.72
Carrolitown[2]	Cambria	.16	.03						.46	.40			1.41	.34	.10	.03		.05	.05	.40	.01	.03	.07			.35	.76		.85	.02		T.	5.52
Carter Camp[1, 5]	Potter							.04	.91			.54	.26						.15	*	*	*	*	*	.12	.48	*	*	*	*	*	.99	3.49
Cedar Run[2]	Lycoming	.15	.10						.07	1.12			1.02	.14						.14		.03	.03			.09	.19		.47				3.55
Clearfield[2]	Clearfield	.08	.02						.59	.36	.01		1.10	.11	.03	.01		.04	T.	.31	T.	.04				.25	.52		.84			T	4.31
Coalport[2]	Clearfield	.22							.55																	.35						T.	§§
Curwensville[3] 6 NW	Clearfield	.08	.01					.18	.79	.05	T.	.56	.53	.04	.04	T.	.11	T.	.33	.11	T.	.11			.01	.86	.01	.94	.02	T.	.01	.45	5.24
Driftwood[1, 5]	Cameron							.04	.77			.76	.39			T.			.20	.01					.05	.46		.51	.01			.76	3.96
Dushore[1, 5]	Sullivan	*	*	*	1.18				.70			.10	.65	.09	.02		.01	.05	.24	.09			*	*	*	*	.40	.40			.25	4.18
Eagles Mere[2]	Sullivan	.40	T.	T.					.05	.88	T.		.87	.17		T.				.33			.02			T.	.58		.80	T.		.02	4.12
Emporium[2], 1 E	Cameron	.04	T						.34	.41		T.	.85	.04	.01	T	T.	.01	T.	.16	T.	.05				.14	.39		.55	T			2.99
English Center[1, 5]	Lycoming																																
Galeton	Potter	.03	T.						1.39	.01		.16	1.02	T.	T.		.03		.01	.23		.03				.30	T.	.28	.16			T.	3.65
Karthaus[2]	Clearfield	.12	.01						.24	.34	T.		1.10	.09		.02				.31	.01	T.				.16	.51		.72	T.		.01	3.61
Lock Haven[2]	Clinton	.07	T.						.18	1.00	T.		1.38	.20				T.		.33	T.		.03			.17	.34		.56			T.	4.26
Medix Run[1, 5]	Elk							.09	.90			.74	.39						.16	.05	.03	.05			.03	.60	.01	.63	.06			34	4.08
Philipsburg[3], 7 E	Centre	.05	.01	T.				.25	.44	.13	T.	.72	.36	11	T.	T.	.21	T	.26	.26	T.	.03			.01	.50	T.	1.00	.44	T.	T.	.29	5.07
Renovo[2]	Clinton	.18							.18	.75			1.08	.30				.02		.22		T	.02			.15	.72		.48			T.	4.10
State College[1, 5]	Centre	T.	T.	T.				.04	.59	T.		.68	.50	T.	T.	T.			.35	T.		.02			.01	.37	T.	.39	T.	T.	T.	.24	3.17
Tamarack[2], 2 S	Clinton	.17	T.	T.					.20	.69	.01	T	1.22	.30	T.	T.		.03	T.	.28	.08	.09	.06			.13	.40	T.	.59	.02		T.	4.27
Tyrone[1, 5, 4 NE]	Blair							.07	.53			.75	.19						.21	.03						.55		.59			.04	.24	3.20
Wellsboro[2]	Tioga	.16	T.						.04	.92			1.30	.12				T.	T.	.19	T.		T.			.04	.22		.31	.02			3.32

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Daily Precipitation for December 1944 – Continued from page 91

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport[2]	Lycoming	.55		T.					.03	.96			1.25	.25						.25			.02			.12	.27		.48				$4.18
Williamsport[2], 4 SE	Lycoming	.20	T						.04	1.08			1.31	.35				T	T.	.34			.01				.18		.29	T.		T.	4.10
JUNIATA																																	
Altoona, 4.5 W	Blair	.08	.02	T.	T.				.63	.10	.04	.14	.42	.06	T	T.	.11	T.	.21	.13		.05				.50	.03	.18	.24			.07	$3.01
Breezewood[1], 0.5 E	Bedford	.04	T					.02	.48			.88	.30				T.		.32						T.	.16		.41		.02		.16	2.79
Buffalo Mills[2]	Bedford	.06								.77	.06			1.48	.06						46						.27		.57		.05		3.78
Burnt Cabins[1], 2 NE	Fulton							T	1.01			1.40	.55						.41						T.	.17		.38		.02		.17	4.11
East Waterford[2], 3 E	Juniata	.09	T.	T.					.11	.99			1.53	.20	T.	T.		T.	T.	.40	T.	T	.01			.15	.10	T.	.44	T.	.06	.01	4.09
Everett[2], 0.5 SW	Bedford	T	T						.34	.23			1.14	.07						.45						.15	.04		.58		.06		3.06
Huntingdon[2]	Huntingdon	.02	T.						.25	.49			1.22	.04	T.			T.		.34						.15	.25		.39		T.	T.	3.15
Lewistown[2], 2 SW	Mifflin	.23	T						.43	.62			1.00	T						.23						.22	.26		.43				$3.42
Mapleton Depot[2]	Huntingdon	.08							.18	.49			1.29	.12						.38	.02					.16	.17		.36		T.		3.25
Martinsburg[3]	Blair	T.	T	T.				.26	.34	T.		.77	.05	T.	T.	T.	T.	T.	.29	T.	T.	T.			T.	.10	T.	.40	T.	T.	T.	.25	2.46
McConnellstown[2], 4NW	Huntingdon								.22	.51			.74	T.				T.		.42			T.			.31	.06		.52		T.	T	2.78
Neffs Mills[1, 5], 3.5 NE	Huntingdon	*	*	.70				.06	.42			.70	.13	.04					.27							.42	•		•	•	▪	.75	3.49
New Bloomfield	Perry								1.41			.01	1.03						.10	.26		T.	T			.21	.10	.12	.30		.02	.02	$3.58
Newport[2]	Perry	.13							.19	1.66			.72	.04						.41			T			.20	.11		.43		T.	T.	3.89
Saxton[2], 1 W	Bedford									•	.50		.22	.62	T.					.26	T.					•	.23		.24		.05		$2.12
Shade Gap[1, 5], 0.5 SW	Huntingdon					•	•	•	*	*	.68	1.09	.13	.04					17	•	•	•	•	•	.03	.23	▪	•	•	•	▪	.61	2.98
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	T.							.21	1.10	T.		1.40	.05			.02			.49						.06	.11		.50		.12		4.06
Bloserville, 1.5 N	Cumberland		T.						.90	T.		.18	.74	.15			T		.09	.47		T.			T.	.26	.14	.20	29		•	•	3.42
Carlisle	Cumberland								1.33	T		.28	.64	T.			T		.13	.41		T			T	.48		.25	.17	T.	.09	.03	3.81
Columbia	Lancaster								.90	.12		.68	.80				.05		.09	.30						.28		.29	.20		.10	T.	3.81
Dauphin[2], 3 N	Dauphin	.09							.04	1.10			.82	.18						.65						•	.32		.44		.05	T.	3.69
Ephrata	Lancaster								.35	T.		.25	.70	T.			.01		.15	.30						.34	.03	.39	.12		.01	.06	2.71
Glen Rock[1, 5]	York							.08	.98			1.22	.33						.27	.04						.37	.07	.57	.03	.07	.09	.09	4.21
Gordon	Schuylkill								.75	.36		.10	.77						•	.56						.31		.10	.50		.04		3.49
Grantville, 2 SW	Dauphin								.76	.02		.33	.73				T.		.07	.36						.38		.22	.21		.03	.02	3.13
Hanover[2]	York	.04							.25	.94			1.39	.08				T.		.38						.18	.22		.60		.06	.02	4.16
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T.	T.	T.				.02	1.03			.53	.36				T.		.43	.02		T.			T	.52	T.	.46		.05	.04	.15	3.61
Holtwood[2]	Lancaster	.07		T.					.07	.59			1.18	.11				T.		.21	T.		T.		T	.15	.13		.48		.04	.03	3.06
Huntsdale[2]	Cumberland	.02							.12	1.14			1.38	.02						.46						.30	.10		.45		.05	.03	4.07
Kirkwood[1, 5], 1 SW	Lancaster								.58			.87	.42						.10	.12						.20		.61		T.	T.	.25	3.15
Lancaster	Lancaster								.47	.08		.23	.94	.11			T.		.02	.39						.65	.10	.17	.40		.01	.04	3.61
Lebanon[2]	Lebanon								.09	.56			1.60	.10				T.		.40						.45	.20		.56	T.	.05	.13	4.14
Middletown[1], 1.5 W	Dauphin	T.	T	T.				T	.79			.41	.33				T.		.35	.04						.87	T.	.43		.06	.02	.06	3.36
Millersburg[1, 5], 2 E	Dauphin								.88			.39	.13						.16	.02						.36		.30				.12	2.36
Milroy[2, 5] N	Mifflin	T.	T.	T.					.11	.51	T.	T.	1.21	.06	T.			T.	T.	.40	T.		T.			•	.45		.41	T.	T.	T.	$3.15
Newburg[1], 3.5 NW	Cumberland	T.	T.					.03	.70			.90	.22						.35	T.					.08	.24		.54		.03	.02	.22	3.33
New Park	York								1.01			.37	1.30				.04		.13	.22						.25	.30	.65	.12		.03	.43	4.85
Pine Grove[2], 1.5 NE	Schuylkill	.06	T.	T.					.02	.45	T.		.85	.10		T.		T.		.39						.03	.32		.59	T.	T.	.01	2.82
Ringtown[2], 1.5 SW	Schuylkill																																
Selinsgrove	Snyder	.35							.97	.08		.11	1.02				T.		.02	.50		T				▪	•	.30	.39		T.	.02	3.76
Shamokin[2]	N'umberland	.65							•	.74			.61	.25				T.		.48						•	.48		.41				3.62
Shippensburg	Cumberland	T.	T.						.81	T		.34	1.33				T.		.13	.25					T.	.41	.02	.30	.22		.05	T.	3.86
Sunbury[2]	N'umberland	.25	T.						.03	.94			1.01	.10				T.		.74	T.		.01			.23	.17		.51		T.	.01	4.00
Williamstown[2]	Dauphin	.06							T.	1.27			97	.08						.35						.10	.22		.50			T.	$3.55
Woodward[3], 2 NE	Centre	.01	T					.09	1.07	1	T.	1.25	.53	.01	T	T.	.02	T.	45	.01	T.	.05			T.	.42	T.	.33	.01	T.	01	.19	4.45
York, 3 SW	York	T							.97	.04		.41	.76	T.					.03	.30						.27		.29	.20		.06	.20	3.53
York Haven[2]	York	.05							.10	.82			1.17	.08						.49						.21	.23		.49		.06	T.	3.70
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin	.09	T.						.19	.42			.74	T.						.48					T.	.18	.08		.58		.03		2.79
Gettysburg	Adams								1.31			.22	1.22				T.		.05	.33					T.	.20	.01	.25	.21		.08	.02	3.90
Hewitt, 2 SW	Bedford	.10							.70			*	1.10						*	.40		.10				•			.80		▪	•	$3.20
Hyndman[2]	Bedford	T	.06						.38	.26			1.10	.04				T.		.29			T.			.37	T		.63		.03	T.	3.16
McConnellsburg[2]	Fulton	T.							.18	.37			1.85	T.						.22						.37			.50		T.		3.49
Mercersburg[2]	Franklin		T.						.26	.55			1.98	.01						.42						.12			.55		.10		3.99
South Mt. San't'm[2]	Franklin	.02							.21	.83			1.55	.05				T.		.64						.16	.10		.56		.06		$4.18
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.03	T.	T.					.52	.23	T.		1.45	.21	.05	.02		.01	.01	.22		.07	.07			.32	.75		.64	T.			4.60
Allens Mills[1, 5]	Jefferson		.06		.02	.04	.03	.11	.99	.02		.78	.39	.06	.16				.27	11	.04	.14			•	.87		.84	.02			.40	$5.35
Blairsville[2], 6 NE	Indiana	.04	.03	T.					.28	.22	T.		1.17	.34	.05	.05	T.	.05	.02	.36	.01	.03	.09			.83	.61	T.	.69	.01	.03	.01	4.92
Boswell[2], 6 NW	Somerset	.08	.20						.63	.35	.06		1.20	.40	.08	.18		.12		.52	.10	.08	.38			.64	.66	.04	.17		.05	T	5.94
Bradford, 4 W	McKean	.25	.07	.03					.75	.05	T.	.10	.65	.03	T.	T.	.07	T.	T.	.13	T.	.12				.51	.13	.10	.28	T.	T.	.05	3.32
Brookville[3], 1.5 SW	Jefferson	.06	T.					.09	.31	.02	T.	.80	.35	.02	.04		.07	T.	.22	.02	.07	.09		T	.07	.92	T	.56	.08		T.	.50	4.29
Buckstown[1, 5]	Somerset	.02						.15	.69		.05	.71	.17	.03			.03	.02	.23	.01		.03			.02	.61		.56		.03	.02	.19	3.57
Clarion[2], 3 SW	Clarion	.03	.04						.28	.42	.02		1.20	.02	.05	.03		.03		.18	.02	.10	.01			.21	.60		.51	T.		.02	3.77
Corry	Erie	1.24	.05					T.	.27	.10		.13	2.50	.12	.11		.05	.02		.10	T.	.20				.34	.20	.17	.70			.07	6.37
Coudersport	Potter	.14	.06						.85	T.	T.		.93	T.	.01		.05		.02	.18		.18				.38		.13	.28			.65	3.86
Derry	W'moreland	.10	T.						1.23	T.		.47	1.52	.05	T.		T.		.18	.35		.18			T.	1.42	.32	.23	.53			.05	6.63
Donegal[1]	W'moreland	.30	.10					.12	.50	.05		.93	.35	.10	.10	T.	.05		.50	.30		.50			.10	.65	T.	.96	.21	.10	.03	.25	6.20
Dunlo[1, 5], 0.5 SW	Cambria	.06	.03					.06	.80			.71	.35						.20	.09		.07	.03	.03	.02	.67	.02	.66			.04	.18	$4.02
Ebensburg[2]	Cambria	.05	.03	T.					.59	.19	T		.81	.18	.04	.02		.03	.02	.35	T.	.02	.01			.67	.03	T.	1.05	.02	T.	.02	4.13
Ford City[2], 4 S	Armstrong	T.	T.						.64	.11			1.10	.01	.05	.03	T.	.02	T.	.19	T.	.05	T.			.42	.60	T.	.65	T.	T	.03	3.90
Franklin[2]	Venango	.09	.20						.25	.14	T.		1.62	.13	.17	T.		.10		.02	.02	.15	.05			T.	.20		.32	T.			3.46
Glen Hazel[2], 1 NE	Elk	.05	.02					.02	.57	.42	.01		.91	.05	.03	T.	.01	.06	T.	.13	.01	.12	T.		T.	.39	.42	T	.74	T.	T.	.02	3.98
Home[1, 5]	Indiana	.05				.01		.10	.69		.01	.70	.49	.01	.05		.02		.39	.01		.11			.01	1.32		.68				.32	4.97
Indiana	Indiana	.01							.78	.02		.36	.85	.04	.06		.05		.10	.25		.08				1.10	.30	.26	.35		T.	.04	$4.65
Johnstown[6], 0.5 W	Cambria																																
Kane[1], 1 N	McKean	.07	.02				T.	.07	.19	.05	T.	.69	.40	.01	.05	.01	.04	.01	.14	.06	.11	.15		T.	.10	.27	.02	.59	.10	.01	.03	.10	3.29
Kregar[1], 4.5 SE	W'moreland	.20	.15					.34	.45	T.		.63	1.83	.21	.17		T		.50	.30		.37	T.		T.	1.43	T.	.20	.05	T.	T.	.26	7.09
Lycippus, 1.5 E	W'moreland	.18	.03						1.09	T.		•	1.40	.16	.11		.02		.10	.60		31				1.87	.34	.49	.36			.13	$7.19
Marienville[1, 5]	Forest	.10						.06	.66			.98	.33	.09	.05		.06		.18	.07	.07	.10	.02	.03	.04	.71		.54	.04		.02	.20	$4.35
Meadville[2], 1 S	Crawford	.11	.16						.12	.08	T.	T	1.04	.15	.16	.03	T.	.06	.04	.04	.02	.21	.03			.19	.42	T.	.46	.04		.08	3.44
Mosgrove[2]	Armstrong	.04	.04	T.					.39	.48	T.		1.46	.25	.07	.08		.10	T.	.32	T.	.12	.03			.29	.78	.03	.69	.04		T.	5.21
Parkers Landing[2]	Armstrong	.04	.04						.36	.15			1.75	.07				.17		.16		.12					.80		.69	T.			4.35
Pittsburgh Cty Of[1, 5]	Allegheny	.02	.03					.17	.36	T.		1.23	.56	.01	.06		T.		.24	T.		.09	.02		T.	1.01	T.	.64	.03	.03	.01	.58	5.09
Port Allegany[2]	McKean	.04	.08	T					T.	.65	.01	T.	.47	.06	T.	.01	.02	.01	T.	.14	T.	.01	T.			.11	.27		.54	T.		T.		2.42
Punxsutawney[2]	Jefferson	.01	T.						.60	.35			1.03	.13	.06	.05	T.	T.	T.	.35	T.	.05	T.			.50	.50	T.	.75	T.		T.	4.38

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[3], 2.5 SE	Armstrong	.03	.04					.68	.40	T.		1.20	.11	.06	03		.04	.01	.32		.11	.01			.41	.69		.68	.01		.03	4.86
Ridgway[3]	Elk	.06	.04	T.				.34	.48	T.	T.	.65	.19	.07	.01	T.	.01	T.	.15	.01	.10	.01		T.	.20	.68	T.	.64	T.		.02	3.66
Saltsburg[3]	Indiana	.01	.02	T.				.93	.12	T.		1.76	.15	.01	T.		.01	T.	.54	T.	.04	.06			.69	.74	T.	.87	02	T.	.01	5.98
Seward[3]	W'moreland	.12						1.11	.41			1.08	.26	16	.11				.41			.14			.76	.82		1.03	.14			6.55
Sheffield[1, 5, 6 W	Warren	.07	.05					.07	.58	.02		72	.38	.05	.15	.05			.14	.07	.11	.04	.80	.10	.06	.58		.32	.03			.07	3.96
Smethport[1, 5, 1 SW	McKean	.10	.02	.05				.03	.88			.48	.31	.01			.06		.10	.01	.05	.05				•	.47	.46				.12	§3.20
Strongstown[1, 5]	Indiana							.12	.62			.64	.42				.02		.27	.06					.01	1.19		•	.45			.12	3.92
Tionesta[3], 1.5 SE	Forest	.04	.03	T.				.26	.26	.03		1.43	.34	.06	.02	T.	.03		.10	.02	.13	.01				.26	.38	.02	.50	.01		.06	3.99
Titusville, 2 S	Crawford	.14	.10					.40	.05	T.	.08	1.36	.10	.11		.07			.04	.07	.02	.19			T.	.46	.11	.23	.22	T.		.06	3.81
Union City[1, 5]	Erie	.10						.05	.23			1.15	.58	.23	.04		.03	.03	.01	.03	.07	.01			.02	.49	.01	.33	.03			.16	3.60
Vandergrift[1]	W'moreland	T.						.15	.56			.96	.30		.03		T.		.30	.03		.09			.01	1.19		.71				.37	4.70
Warren[3]	Warren	.21	.18	.01					.25	.40	.02		1.30	.10	.04	.02		.04	.01	.17	.01	15	T.		T.	.18	.37	T.	.50	.03			3.94
Youngsville[1, 5]	Warren																															
MONONGAHELA																																
Confluence[3], 1.5 NW	Somerset	.05	.01	T.					.77	.14	T.		1.02	.18	T	T.	T.	T.		.36	T.		.07			.39	.47	T.	1.06	T.	.03	.03	4.58
Connellsville[3]	Fayette		.04						.66	.11	T.		.96	.21		.03				.33		T	.13			.57	.70		.71		T.	T.	4.45
Donora[1]	Washington	.04	T.					T.	.58	T.		1.00	.45	05	.04		T.		.01	.26	.01	.14			T.	1.32		.54	T.	.03		.43	4.90
Greensboro[3]	Greene	.01	.03	T.					.97	.18	T.		1.00	.15		T.		T.		.30	T.		.13			.47	62		.74	T.	.06	.01	4.67
Greensburg, 2 S	W'moreland	.10	T.					T.	1.14	.04		.85	1.11	.05	.04		.01		.19	.28		.15				1.18	.34	.47	.27		.02	.13	6.37
Irwin	W'moreland	.05	T					T.	.88	.02		.42	1.27	.03	.04		.01		.08	.31		.20				1.02	.50	.29	.38	T.	.04	.08	5.62
Meyersdale[3]	Somerset	.13	.05						.84	.11			1.29	.67						.36			.10			.28	.20	T.	.96		.04		5.03
Murrysville // [1, 5]	W'moreland							.15	.66			•	1.93						.34	.03		.09			.03	1.29		.67			•	5.19
Newell[7]	Fayette	•	•						.68				.91	T.					•	.22		*	.12			.60	.30		.47		.08	•	3.38
Pittsburgh Arpt.// [1, 5]	Allegheny	.10	.01					.15	.37	T.		1.42	.87	T.	.07		.01	T.	.56	T.	T.	.27			.02	1.09	T.	.60	.10	.02	.01	.51	6.18
Rices Landing[3]	Greene	.07	.02						.60	.10			1.15	.12		.01		.03		.35			.26			.43	.55		.68		.04		4.41
Somerset	Somerset	.08	.04					T.	.95	T.		.33	.80	.04	.03	T.	.06		.21	.21	.01	.14				.77	.10	.55	.42		.04	.12	4.90
Springs[6], 1 SW	Somerset	.04	.02	T.				.04	.69	T.		.67	1.10	.07	.02	T.	.33	T.	.29	.14	T.	.10	T.		.03	.58	.11	.86	.13	.02	.06	.17	5.17
Uniontown	Fayette	.02	T.					.02	.86			.38	1.03		T.		T.		.22	.22		.22			T.	.82	.41	.43	.20		06	.12	5.01
Waynesburg	Greene	.02	T.						.61			.79	.86						.22	.06		.09				.70	02	*	.64			.48	3.99
BEAVER																																
Beaver Falls[3]	Beaver	T.	T.	T.					.26	.02	T.		1.38	.02	.06	T.	T.	T.	T.	.12	T.	.15	T.			.19	.56	T	.51	T		T.	3.27
Butler	Butler	•							.46			.35	1.03	.11	.08					.18	.14	.12				•	1.10	.25	.30			.13	4.25
Farrell[3]	Mercer	.09	.04						.22	.06			1.00	.15	.04		T.	.05		.08		.06	.01			.45	.05		.55	T.			§2.85
Greenville	Mercer	.07	.02					.01	25	T.		.14	91	.21	.03	T.	.04	T.	T.	.04	•	•				•	•	•	•		•	•	§§
Jamestown[3], 2 NW	Mercer	.02	.04						.28	.04	T.	T.	.71	.09	.03	T.	T.	.02	.03	.02	T.	.11	.02			.12	.35		.30			.03	2.21
Mercer Arpt.[3], 2.5 NE	Mercer	.13	.04				T.	.17	.13	.02	T.	.89	.41	.07	.06		.05	.01	.01	.04	.02	.06		T.	.05	.43	T.	.35	.04	T.	.01	.29	3.28
New Castle, 1.5 N	Lawrence	T.	.05	T	T.				.30	T.	T.	.25	1.05	T.	.10		T.	T.	T.	.13	T.	.13	.06			.73	.11	.35	.16	T		.03	3.45
Pennline, 2 1 S	Crawford	.04	.04	T.					.20	.04	T.	.02	.70	.22	.04	.04	.02	01	.01	.09	.01	.11	.10			11	.40		.45	T			2.65
OHIO																																
Claysville[3]	Washington	.06	T.	T.					.37	.07	T.		1.29	.09		T.		.02	T.	.28		T.	.17			.60	60		.57	T.	.03		4.15
Coraopolis[3], 1 E	Allegheny	T.	.01	T.				.40	.41	.05			1.41	.03	T.	.01	T.	T.	T.	.15	T.	.06	.04			.28	.62		.55	T.		T.	4.02
Midland[3]	Beaver	T.	T.						.28	.07			1.06	.10	T.	T.	T.	.01	T.	.13		.03	.07			.27	.72		.59			T.	3.33
Mt. Lebanon[6]	Allegheny	.05	T.					.14	.42	T.		.78	.48	T.	.06		T.		.23	.04		.17			T	1.10		.58	.06	.05		.46	4.62
Washington[1, 5]	Washington							.17	.35			1.13	.19							.24		.14			.13	1.09		.60		.02		.76	4.82
LAKE DRAINAGE																																
Albion[3]	Erie	.65	.20						.18	.07	.31												.02		.05	.13	55		.60			*	§§
Erie[1, 5]	Erie	.22	T.				.01	.07	.10	.02	T.	1.20	1.21	.04	.10	.01	.06	.06	.08	.11	.13	T.		.07	.09	.54	T.	.38	T.	T.	.04	.14	4.68
Raymond[1, 5]	Potter	.01	.03	.02					.87			.70	.42	.02			.10		.09	.04	.06	.01	.03		.04	.30		.32	.05	.01		.21	§3.33

[See page 96 for explanation of reference marks.]

Daily Temperatures for December 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion	Maximum	28	35	38	38	45	44	39	42	38	34	34	31	....	....	....	....	....	....	....	....	....	....	....	35	34	24	30	28	25	34	34	M
	Minimum	22	22	23	11	22	35	34	32	29	29	29	24	....	....	....	....	....	....	....	....	....	....	....	13	23	2	− 6	10	22	20	18	M
Allentown Arpt.[3-4 NE	Maximum	35	30	33	44	54	45	44	53	40	40	38	33	38	32	35	37	38	33	21	27	36	25	30	33	37	32	30	34	28	26	34	35.3
	Minimum	25	19	18	13	16	20	21	34	30	27	26	28	23	21	22	28	26	18	7	9	9	− 2	7	25	30	12	8	15	6	15	23	18.7
Allentown /.	Maximum	38	31	35	44	52	48	46	54	41	40	39	35	39	33	37	39	40	36	33	30	37	29	32	34	39	33	35	35	26	27	45	37.5
	Minimum	27	25	20	16	16	19	24	24	37	33	28	27	30	22	22	23	29	27	15	11	11	6	4	20	29	31	11	11	16	13	17	20.8
Altoona-4.5 W.	Maximum	28	35	34	36	43	45	43	37	35	34	34	32	29	24	31	36	34	32	25	38	42	23	35	35	34	38	20	25	23	26	32	32.2
	Minimum	19	18	17	9	17	26	25	31	27	26	21	23	19	15	20	24	20	23	11	9	20	− 7	12	21	26	15	− 3	18	2	18	24	17.6
Arendtsville[6]	Maximum	33	33	35	45	52	47	40	44	38	42	39	39	33	31	37	41	42	35	27	29	40	27	34	35	36	41	25	36	25	26	33	36.1
	Minimum	23	24	16	17	20	24	28	32	32	30	25	30	25	19	19	24	25	28	17	7	18	2	18	28	32	18	10	25	13	21	26	21.8
Berwick /.	Maximum	29	24	28	29	51	40	38	44	35	34	36	36	34	34	28	35	37	35	31	22	34	24	27	30	30	28	31	23	24	26	32	31.9
	Minimum	24	20	18	12	14	22	20	35	32	31	27	28	26	20	21	25	25	28	14	4	6	− 3	− 5	21	27	26	6	6	10	8	19	18.3
Bethlehem[1]	Maximum	34	30	32	43	52	44	47	51	37	36	36	36	36	30	36	36	36	30	22	26	35	24	32	34	37	34	28	33	25	26	34	34.6
	Minimum	26	20	18	17	20	24	27	36	31	31	27	28	25	23	24	29	27	20	14	15	13	6	23	31	34	16	12	24	15	17	21	22.4
Bradford-4 W.	Maximum	27	24	35	40	49	43	39	38	34	31	32	29	29	24	29	32	29	30	20	28	32	21	30	35	36	34	17	28	23	29	35	31.0
	Minimum	19	15	3	− 8	9	25	24	33	25	26	25	22	21	14	15	27	18	11	− 4	10	13	−20	− 2	20	27	13	−12	16	− 5	4	27	13.3
Brookville[3]	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Burnt Cabins[1-2 NE	Maximum	31	30	32	43	54	47	42	40	39	40	42	35	32	31	30	34	38	36	26	33	42	28	38	31	39	37	32	35	26	29	37	35.8
	Minimum	23	23	18	6	11	24	20	33	31	28	26	27	22	13	16	19	21	23	13	12	22	− 2	9	25	30	9	6	23	7	20	27	18.9
Butler	Maximum	29	28	30	38	44	46	44	41	38	37	38	34	30	27	28	35	35	29	29	30	40	25	30	35	38	38	25	35	26	29	41	33.9
	Minimum	22	18	18	8	15	29	26	36	29	29	29	29	21	17	15	27	19	11	12	15	22	−15	− 3	30	33	15	− 6	20	4	20	29	18.5
Canton /-1 NW.	Maximum	29	22	29	34	51	42	44	34	33	33	31	32	31	28	36	36	32	24	21	36	31	21	28	32	36	21	27	21	21	28	36	31.0
	Minimum	20	11	8	− 2	− 2	12	26	27	27	27	26	25	23	13	13	15	20	16	14	3	11	− 2	− 2	15	22	10	− 1	2	2	2	11	12.3
Carlisle	Maximum	30	38	36	42	48	43	41	44	43	44	42	38	38	33	38	41	40	37	28	29	39	30	34	36	34	34	22	35	28	25	33	36.2
	Minimum	23	18	18	16	17	19	19	30	31	28	28	28	27	17	17	23	23	23	9	4	6	− 2	12	20	30	22	5	18	4	16	20	18.4
Chambersburg[6-1 SW.	Maximum	35	35	37	42	47	45	42	42	40	41	35	37	34	30	36	42	40	39	28	30	45	27	35	33	35	40	25	37	27	26	33	36.1
	Minimum	24	25	22	15	17	24	22	33	32	30	25	30	23	18	23	28	25	25	17	15	18	5	19	25	30	19	10	24	13	19	24	21.9
Clarion[6-3 SW	Maximum	26	28	35	40	48	42	40	36	35	33	33	31	30	28	30	34	35	33	25	35	37	25	31	33	36	33	23	33	26	32	37	33 0
	Minimum	21	22	8	4	12	24	28	32	28	27	28	24	20	15	6	26	17	22	10	13	16	−19	14	17	28	12	− 6	16	6	11	30	16 5
Claysville /.	Maximum	28	28	34	44	54	44	42	39	33	39	35	29	24	26	36	33	35	27	20	42	30	29	39	40	38	19	37	24	30	43	40	34.2
	Minimum	19	15	11	10	10	15	27	29	29	25	28	24	19	10	16	15	19	22	4	10	12	−11	−11	26	26	14	2	10	8	12	29	15 3
Coalport /.	Maximum	26	29	34	41	45	40	40	40	35	35	32	....	25	24	37	37	33	32	22	41	30	21	40	37	37	25	34	25	27	33	39	33.2[a]
	Minimum	....	17	15	10	11	20	26	23	33	28	28	23	....	15	16	15	23	22	13	12	12	−14	18	20	20	20	−10	7	2	1	20	15. 1[b]
Coatesville[6]	Maximum	37	30	32	40	53	53	46	53	41	40	38	41	37	32	35	39	41	39	26	32	38	24	35	34	37	42	28	36	28	29	37	37.2
	Minimum	26	23	18	18	23	26	28	36	34	29	23	30	28	21	23	25	25	25	15	12	24	7	18	28	32	22	13	25	17	19	26	23.2
Columbia	Maximum	38	36	38	42	51	51	45	48	46	43	41	40	39	35	40	45	43	40	30	32	37	28	35	34	37	37	27	36	29	30	38	38.4
	Minimum	26	26	17	18	19	20	22	34	36	34	22	29	29	20	24	30	24	24	14	13	13	1	15	28	31	26	10	21	13	19	25	22 0
Corry	Maximum	25	26	31	38	47	40	40	38	34	31	32	29	26	25	26	32	30	28	20	30	32	20	28	35	34	30	19	27	25	29	35	30.4
	Minimum	20	19	8	−10	5	28	28	33	27	27	26	23	21	18	13	26	18	17	2	14	11	−22	− 1	22	28	15	14	19	5	- 5	28	15.4
Coudersport	Maximum	28	21	41	42	51	49	40	40	36	31	32	30	30	26	30	33	30	30	21	27	34	21	33	33	36	36	26	29	21	36	28	32 3
	Minimum	18	6	3	− 3	6	21	22	31	26	27	25	19	19	11	15	26	18	14	− 7	8	14	−24	0	20	21	13	−13	14	− 6	5	3	11 4
Curwensville[3-6 NW.	Maximum	22	25	30	42	50	41	33	33	26	28	28	26	22	20	30	30	27	25	18	34	30	16	33	28	37	22	30	23	19	24	33	28.5
	Minimum	18	15	10	10	22	27	24	26	24	23	24	21	12	11	14	19	18	14	8	10	− 4	− 6	16	21	22	− 2	0	10	4	14	24	14.5
Derry	Maximum	27	32	36	42	56	46	48	47	35	39	37	30	26	27	36	39	36	33	28	39	41	30	41	40	40	37	36	43	30	41	45	37.5
	Minimum	21	18	18	10	14	27	24	33	29	27	28	23	19	17	17	30	21	26	10	13	23	−11	22	26	33	9	− 1	21	7	24	36	19 8
Donegal[1]	Maximum	24	25	30	40	52	45	42	37	30	36	33	27	23	24	36	35	32	33	21	42	41	25	40	36	50	28	38	31	26	38	42	34.3
	Minimum	18	17	14	4	12	26	20	28	25	22	24	20	14	12	14	22	18	20	6	8	10	− 6	12	22	24	28	− 2	1	17	7	22	33 16.1
Donora[1]	Maximum	30	33	34	43	55	47	44	40	32	35	42	30	26	24	40	40	39	36	28	45	45	28	44	39	42	36	48	37	35	41	45	37.9
	Minimum	22	22	23	18	20	30	27	32	29	29	30	23	19	18	17	30	25	28	12	17	20	2	24	30	36	14	9	22	18	30	40	23.1
Eagles Mere /.	Maximum	32	30	20	36	46	44	40	41	34	32	32	36	32	32	28	32	29	22	18	33	28	16	24	29	33	20	24	24	20	27	40	30 1
	Minimum	17	8	10	10	13	30	24	27	25	24	24	22	18	11	10	13	18	19	3	0	10	− 3	− 1	12	19	15	3	5	6	4	14	13.2
East Waterford-3 E	Maximum	25	25	26	36	49	44	40	38	33	32	29	32	25	22	28	30	33	31	19	26	39	21	29	30	43	45	21	29	20	21	31	30.7
	Minimum	17	17	16	17	28	37	28	30	26	25	24	22	18	12	12	24	19	19	11	10	20	2	10	23	24	14	8	18	10	12	20	18.5
Ebensburg /.	Maximum	32	28	22	40	52	42	37	33	27	33	32	25	20	20	34	32	31	26	15	38	26	22	40	42	47	20	33	21	23	33	42	31.2
	Minimum	11	17	14	4	4	19	18	26	24	23	23	23	19	13	14	13	18	20	12	10	10	− 5	− 5	20	23	17	− 4	12	2	2	20	13.5
Emporium /-1 E.	Maximum	30	....	33	40	48	40	40	38	33	....	33	30	31	30	35	35	33	31	23	38	35	20	37	....	35	22	30	28	28	29	....	32.8[d]
	Minimum	22	14	....	0	0	0	25	24	30	....	29	27	24	16	17	19	24	22	8	4	17	−18	−18	18	....	17	2	− 8	8	6	....	12.1[d]
Ephrata	Maximum	35	31	34	42	50	49	43	51	42	41	37	40	37	32	37	40	40	37	28	30	39	30	33	34	37	39	24	32	28	30	37	36.7
	Minimum	26	23	21	18	20	25	25	36	35	33	26	30	29	20	23	30	27	27	14	9	16	6	17	28	33	23	13	22	10	19	25	22.9
Erie[1]	Maximum	30	31	35	39	47	45	43	41	37	35	37	32	32	30	35	35	33	28	24	36	32	24	31	37	37	24	31	27	28	38	39	34.0
	Minimum	26	24	25	18	33	37	33	34	31	32	30	28	23	21	18	22	21	20	18	19	17	10	19	26	24	12	9	23	18	23	33	23.5
Everett[1-0.5 SW.	Maximum	30	32	35	42	52	42	40	40	38	39	33	32	31	28	36	38	40	38	25	46	44	28	37	35	41	26	34	34	26	28	36	35.7
	Minimum	23	22	23	13	11	22	20	32	31	28	24	25	21	18	13	15	24	24	12	10	20	− 6	11	26	30	8	− 1	21	7	21	26	18.5
Farrell	Maximum	22	24	34	38	43	43	37	37	33	30	31	29	27	21	27	30	30	29	21	39	36	21	30	31	34	38	32	25	25	34	36	31.0
	Minimum	19	17	19	9	20	31	28	30	28	27	29	22	17	15	10	20	17	16	7	16	19	−10	2	20	31	11	13	13	10	21	34	18 1
Ford City-4 S	Maximum	35	34	37	43	57	48	50	50	47	39	45	35	42	34	35	46	44	41	35	36	37	32	42	42	40	41	32	48	35	37	44	40.7
	Minimum	20	18	18	8	9	23	25	33	28	27	27	24	19	15	9	28	17	23	9	12	22	−16	3	18	29	12	− 6	14	4	19	31	16.8
Franklin /.	Maximum	27	28	36	43	50	43	42	38	34	35	35	29	25	28	35	34	35	30	24	37	29	21	31	35	36	22	31	27	29	37	38	33.0
	Minimum	22	20	19	12	9	19	30	30	30	29	30	26	24	19	14	14	20	20	17	14	18	− 8	4	4	25	15	− 3	5	8	8	21	16.6
Fredericksville-1 S.	Maximum	33	30	31	42	54	49	44	52	51	38	37	37	35	30	34	38	38	35	25	27	35	28	31	32	35	40	23	32	30	27	35	35 7
	Minimum	23	21	17	13	17	22	20	33	32	30	20	28	26	18	18	26	23	22	11	2	20	0	4	20	30	22	2	21	2	16	23	18.8
Freeland	Maximum	26	25	26	33	51	45	40	43	44	29	33	32	39	28	31	31	28	30	22	21	31	20	32	29	35	41	17	26	25	32	31	31.5
	Minimum	18	13	11	12	22	33	24	32	27	25	24	20	20	14	23	19	25	18	3	10	8	3	8	22	25	14	5	16	6	10	19	17.1
George School	Maximum	39	34	35	43	55	51	48	55	45	43	41	42	41	37	39	40	44	37	29	30	40	30	34	35	36	38	31	35	28	29	37	38.7
	Minimum	27	23	17	18	22	22	26	36	33	29	23	30	28	22	22	28	28	27	15	11	11	6	15	15	32	22	13	27	15	21	27	22.3
Gettysburg	Maximum	35	33	35	42	50	48	44	44	42	40	38	40	36	32	36	42	40	40	34	29	41	37	34	34	36	43	26	38	31	26	33	37.4
	Minimum	26	25	20	19	20	25	25	34	35	30	25	30	30	20	25	30	27	28	14	17	15	5	20	29	32	26	12	22	15	22	25	23.5
Gordon	Maximum	31	29	30	36	48	44	42	48	41	38	34	35	35	29	34	37	35	35	24	28	35	26	32	32	35	35	21	31	28	26	35	33.8
	Minimum	23	18	16	9	10	18	18	34	31	30	30	26	24	19	15	24	23	21	7	3	10	4	21	29	21	3	18	0	14	23	17.2
Greensburg-2 S	Maximum	28	30	35	42	56	46	46	43	37	39	39	37	38	26	35	38	35	35	27	38	41	23	41	38	38	37	40	40	29	37	40	37.4
	Minimum	21	19	11	7	10	20	18	34	30	27	29	25	19	17	8	30	19	20	2	12	23	−15	11	26	33	15	− 2	21	5	22	33	17.7
Hanover /.	Maximum	36	32	36	44	54	52	43	47	37	43	43	33	36	33	39	43	43	39	29	40	40	25	35	38	44	31	37	35	27	31	46	38.4
	Minimum	25	24	20	23	22	23	28	29	35	29	28	28	29	20	20	24	26	29	17	14	16	10	10	25	29	31	15	17	19	19	22	22.8
Harrisburg Arpt. [1-3.5 S.	Maximum	35	33	34	39	55	44	42	45	40	41	40	38	36	32	38	42	41	39	27	32	37	23	35	34	39	39	27	36	25	25	34	36.4
	Minimum	28	25	22	24	24	25	25	36	35	30	29	30	25	19	23	30	27	23	15	16	17	2	18	28	31	15	9	22	10	19	25	22.8
Hawley-0.5 E	Maximum	31	29	29	38	52	40	46	42	42	36	37	35	33	30	34	38	37	33	25	26	32	26	33	32	35	36	20	31	25	32	38	34.0
	Minimum	23	17	7	11	13	19	22	32	32	30	27	27	24	20	18	28	26	22	5	3	20	−10	0	24	28	18	− 1	17	− 1	4	24	17.1
Hewitt-2 SW.	Maximum	31	32	38	46	50	45	41	42	43	40	34	32	32	29	38	39	43	40	33	37	48	36	35	35	36	40	37	39	28	28	35	37.5
	Minimum	22	21	17	7	8	20	19	32	32	22	24	28	15	8	8	9	24	20	10	1	19	1	11	23	30	16	3	12	10	22	26	16.8
Holtwood[1]	Maximum	37	33	36	39	48	46	45	48	41	41	45	43	37	33	39	41	43	39	28	34	37	25	37	36	41	41	34	38	29	30	37	38.1
	Minimum	29	23	24	26	27	28	28	36	35	30	27	32	28	25	27	30	27	28	19	15	25	10	24	31	34	22	17	28	21	24	30	26.1
Huntingdon	Maximum	32	32	36	40	49	40	38	40	39	37	33	35	33	31	36	38	39	32	26	36	46	26	33	30	34	38	24	30	28	28	32	34.5
	Minimum	23	23	18	7	12	25	9	32	33	26	24	29	24	15	21	26	27	25	15	17	23	− 5	14	16	29	19	0	16	3	20	27	19.1

Continued on page 95.

Daily Temperatures for December 1944—Continued from page 94.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	27	27	32	40	53	48	45	44	36	35	35	29	29	24	32	32	32	32	19	35	32	24	39	37	40	38	29	28	28	34	41	34.1
	Minimum	19	18	16	12	22	32	38	33	28	28	27	24	20	16	11	28	18	24	11	10	22	1	17	23	32	14	3	21	9	21	33	20 3
Irwin	Maximum	27	32	34	43	52	45	45	45	37	37	37	30	30	25	31	36	37	36	27	36	42	27	38	35	40	35	32	32	29	38	40	35.8
	Minimum	20	21	19	11	15	30	21	33	32	30	30	25	20	17	15	24	12	26	8	13	23	8	16	26	33	13	0	22	6	25	30	19.6
Jamestown/-2 NW	Maximum	31	30	34	39	52	43	45	42	43	35	39	34	27	28	38	35	37	28	23	39	29	20	35	37	40	27	35	27	30	38	40	34.8
	Minimum	19	18	21	6	8	23	28	27	24	26	27	22	19	11	6	8	11	18	9	10	12	−14	−14	8	21	11	12	9	6	6	20	12.7
Johnstown[6]-0.5 W	Maximum																																
	Minimum																																
Kane[1]-1 N	Maximum	25	27	32	38	48	43	39	36	30	30	31	27	29	24	29	31	29	29	19	32	32	20	32	31	39	28	30	31	27	29	35	31 0
	Minimum	20	10	− 2	− 6	6	24	20	29	26	26	26	21	17	14	13	20	18	12	− 4	13	−17	−26	− 4	20	25	−10	−14	16	0	1	26	10 3
Lancaster	Maximum	38	35	36	43	53	51	45	51	44	42	38	40	37	35	37	41	43	40	33	32	38	37	35	36	38	36	28	35	31	30	36	38.5
	Minimum	26	25	18	15	16	20	20	34	35	27	21	31	29	18	22	27	24	22	11	8	27	− 3	10	26	30	25	9	22	9	19	25	20.9
Lawrenceville	Maximum	35	27	32	37	47	41	44	37	38	34	35	32	33	31	35	38	40	36	26	26	36	22	39	34	37	35	20	30	28	29	36	33 9
	Minimum	23	9	7	− 2	9	20	27	33	30	31	29	24	21	12	17	26	22	15	−10	6	12	−20	5	24	29	16	− 9	19	5	3	26	14 8
Lebanon /	Maximum	35	30	33	45	58	46	47	55	40	41	38	34	37	32	38	40	40	36	26	29	36	25	35	34	37	29	34	32	27	27	45	36 8
	Minimum	27	26	20	19	19	20	20	24	35	32	27	29	29	19	20	24	25	25	10	8	15	2	3	20	29	28	9	15	5	5	19	19.6
Lewistown /-2 SW	Maximum	31	33	36	43	48	43	38	41	42	40	40	39	31	38	36	37	38	35	28	45	38	26	32	34	39	29	29	35	24	30	38	36.0
	Minimum	26	25	20	25	19	25	19	34	33	32	28	28	27	21	25	18	22	32	20	10	19	5	2	19	24	26	11	22	5	12	22	21.2
Lock Haven[6]	Maximum	30	32	37	38	41	37	39	40	40	37	35	35	35	29	35	37	36	35	25	30	42	29	30	33	35	35	23	33	25	29	34	33 9
	Minimum	25	20	12	8	14	24	22	32	32	32	29	26	24	17	21	27	24	23	12	12	26	− 8	7	20	29	20	0	18	5	19	25	19.3
Marcus Hook[1]	Maximum	41	36	35	41	52	54	48	58	57	59	46	50	43	35	41	43	47	42	31	37	41	26	38	40	48	48	30	40	33	34	41	42 4
	Minimum	30	26	22	24	30	32	34	40	36	32	30	33	30	26	28	35	33	29	22	20	23	12	25	32	34	24	18	30	22	24	30	27 9
Martinsburg[3]	Maximum	26	26	32	39	50	43	36	36	32	35	33	32	25	24	30	34	34	34	19	42	41	23	34	29	46	30	34	28	22	25	33	32.5
	Minimum	21	19	15	10	14	29	27	31	29	27	27	23	16	12	16	25	22	15	13	13	7	− 3	15	26	28	5	5	14	7	18	25	17.8
Mauch Chunk-1 SW	Maximum	35	....	30	38	45	44	41	47	47	36	37	....	38	34	29	37	34	33	37	26	35	26	30	....	37	....	19	32	30	25	....	34.5[e]
	Minimum	24	....	18	15	13	18	22	32	32	29	....	23	26	17	20	22	21	19	7	3	9	− 5	1	....	....	22	4	19	7	15	....	16.7[e]
Meadville /-1 S	Maximum	27	30	34	38	47	40	41	38	31	33	35	30	24	29	34	33	32	27	22	35	24	20	32	34	35	22	30	27	28	37	37	31.8
	Minimum	21	17	18	6	6	20	31	32	29	28	29	25	23	18	7	13	18	19	12	13	15	−13	−11	9	25	14	− 9	10	8	11	21	15.0
Mercer[3]-2.5 NE	Maximum	25	27	32	39	45	39	40	37	30	33	34	28	24	25	33	33	32	25	18	36	30	17	28	32	35	22	31	24	24	35	37	30 6
	Minimum	18	17	12	8	21	34	30	29	28	27	27	19	17	11	8	20	15	16	8	14	− 6	− 7	8	19	22	− 8	− 4	13	6	21	34	15.4
Middletown[1]-1.5 W	Maximum	35	32	34	39	50	43	44	47	40	40	41	40	35	32	36	41	40	38	26	31	37	25	35	34	38	38	26	36	26	26	34	36 1
	Minimum	27	22	20	17	22	25	22	34	34	29	26	30	26	20	23	30	27	22	13	13	13	− 1	20	27	30	14	11	26	10	19	24	21 6
Midland[6]	Maximum	32	31	35	37	42	45	42	42	36	41	40	33	30	30	37	36	36	34	23	41	40	22	33	35	40	30	35	31	30	36	42	35.4
	Minimum	24	22	23	17	18	32	29	33	32	30	28	26	20	18	15	27	19	20	9	14	11	− 3	6	25	28	10	5	18	11	25	36	20.3
Montrose/-3 E	Maximum	25	18	22	28	43	40	40	41	31	32	35	28	27	25	28	35	31	20	13	33	25	15	26	31	34	18	....	26	20	30	41	28.7[e]
	Minimum	18	12	9	7	7	21	27	27	28	26	26	25	21	17	19	19	22	17	4	0	12	− 4	− 4	14	20	15	2	....	3	0	9	14.0[e]
Mt. Lebanon[6]	Maximum	28	30	34	32	55	46	42	40	34	39	36	30	25	29	35	36	36	33	22	41	41	27	40	35	39	27	36	33	28	36	41	35.0
	Minimum	21	19	18	10	16	34	28	32	28	26	29	28	17	16	15	25	19	22	6	12	11	− 4	15	26	27	8	8	16	11	24	36	19.2
Mt. Pocono[3]-2 N	Maximum	25	19	23	38	53	44	42	45	32	30	34	32	28	24	26	32	31	28	15	23	28	23	34	28	40	33	23	27	24	23	41	30.6
	Minimum	18	10	9	12	20	28	25	30	25	23	22	20	15	14	17	22	20	13	4	10	− 2	−10	14	23	27	7	− 2	15	4	7	28	15 1
New Bloomfield	Maximum	33	32	34	39	48	45	41	42	41	39	36	38	33	31	35	40	39	36	28	28	42	25	31	31	35	38	25	36	27	26	35	35.0
	Minimum	23	23	17	9	12	18	17	32	32	30	23	22	25	14	14	2	18	28	12	6	13	−13	8	21	28	20	2	18	1	17	22	17.3
Newburg[1]-3.5 NW	Maximum	44	44	42	46	52	47	43	44	40	42	42	38	34	32	34	38	38	34	32	34	44	30	38	32	42	38	27	36	29	28	36	38.4
	Minimum	24	24	22	16	18	25	25	33	32	30	28	26	22	20	21	24	26	24	18	12	22	2	8	24	30	16	11	23	10	10	24	21.0
New Castle-1.5 N	Maximum	30	30	36	45	51	42	43	42	40	36	37	31	30	30	36	34	37	29	23	34	40	22	32	31	36	21	34	26	29	34	39	34.3
	Minimum	23	17	21	12	18	31	24	37	31	32	31	25	22	18	11	30	18	24	8	17	22	−10	− 2	14	32	15	− 3	23	7	21	33	19.4
Palmerton[1]	Maximum	33	28	31	43	50	42	41	57	39	38	37	35	36	30	34	39	37	30	23	25	35	22	30	33	37	33	26	33	25	25	34	34.2
	Minimum	25	19	18	15	16	20	22	37	33	30	27	29	22	22	24	30	28	20	6	13	12	− 2	14	28	33	13	8	22	7	16	25	20.4
Park Place[3]-1 NW	Maximum	24	20	24	36	51	42	39	44	31	32	31	31	29	28	26	32	30	28	16	26	31	19	26	26	34	30	25	25	23	24	31	29.1
	Minimum	20	14	14	13	22	30	25	31	27	25	25	20	17	15	17	23	24	11	6	11	2	− 1	14	19	26	8	6	14	10	11	24	16.9
Philadelphia Arpt.[1]	Maximum	38	32	35	40	53	51	47	57	43	42	47	46	39	35	37	41	42	40	30	35	39	25	33	36	44	44	34	37	26	31	37	39.2
	Minimum	29	23	20	20	25	26	30	38	32	29	26	29	28	24	24	31	29	28	17	16	21	10	25	29	34	20	16	26	20	23	30	25.1
Philadelphia C.O.[1]	Maximum	37	33	35	43	52	51	48	55	45	43	45	44	40	37	37	42	42	41	30	36	41	26	33	37	45	43	33	38	28	32	38	39.7
	Minimum	28	24	21	25	32	35	38	41	36	30	32	29	29	26	27	34	32	29	20	20	23	13	26	32	34	22	18	27	22	24	31	27.7
Phila. Shawmont	Maximum	39	35	45	40	50	52	47	55	52	40	39	38	39	36	37	40	41	40	31	33	40	34	34	36	38	40	30	37	33	31	37	39.3
	Minimum	28	20	17	19	22	23	25	37	31	27	23	30	31	25	22	20	27	25	19	13	27	8	15	33	32	27	15	29	17	22	28	23.8
Philipsburg[3]-7 E	Maximum	23	24	30	39	49	45	34	33	28	29	31	29	23	21	32	32	30	28	19	37	36	15	35	27	40	30	32	23	19	23	32	29.9
	Minimum	18	16	3	− 4	6	26	13	28	25	23	24	22	13	12	14	22	19	14	9	10	−14	−26	9	20	25	−13	−16	12	− 1	14	21	11.1
Phoenixville-1.5 SE	Maximum	38	34	36	38	50	52	53	59	60	49	47	44	45	44	40	45	45	41	32	39	39	32	35	35	36	39	28	41	42	37	36	41.6
	Minimum	26	24	17	14	15	18	19	34	37	27	19	31	31	22	17	25	24	20	16	5	12	1	8	28	32	28	10	27	13	21	27	20.9
Pittsburgh Arpt Sta.[1]	Maximum	26	29	33	40	54	44	43	40	32	39	36	30	24	24	35	35	35	33	20	43	39	27	39	35	42	29	36	28	28	38	42	34.8
	Minimum	22	20	20	17	22	34	28	32	27	26	27	22	17	15	14	24	19	19	8	13	12	7	22	26	28	10	7	18	14	23	37	20.3
Pittsburgh City Office[1]	Maximum	31	30	36	36	55	47	45	41	35	39	39	33	28	29	38	38	38	36	23	43	41	26	41	37	41	27	38	30	30	40	45	36.6
	Minimum	25	23	24	21	24	36	31	35	31	30	30	26	21	19	20	27	22	21	12	16	14	6	18	29	27	11	10	22	15	27	37	22.9
Port Clinton /	Maximum	34	27	32	40	50	45	37	42	55	45	39	33	35	30	34	34	36	30	22	26	36	22	34	34	37	28	34	32	30	30	44	35 1
	Minimum	26	23	20	19	16	20	20	34	34	33	23	26	28	20	18	25	25	27	13	6	8	0	0	20	30	27	7	12	6	20	28	19.8
Putneyville-2.5 SE	Maximum	27	28	33	40	50	43	40	38	34	34	32	33	30	26	31	35	34	34	24	35	35	23	36	34	38	35	28	35	27	32	39	33.6
	Minimum	19	17	11	5	13	27	22	32	27	26	26	23	20	15	10	17	20	23	10	12	16	−16	12	23	30	11	− 5	12	5	18	31	16.5
Quakertown-0.5 E	Maximum	35	31	32	39	45	50	44	54	50	38	38	39	37	32	34	37	38	35	26	28	38	28	35	33	36	38	26	32	28	28	36	36.0
	Minimum	25	20	15	13	15	19	19	33	33	31	21	29	28	21	21	26	24	21	11	− 1	10	− 5	− 2	26	30	22	6	23	8	16	23	18.7
Reading[1]	Maximum	36	31	36	45	56	50	45	53	41	41	40	39	39	34	37	41	41	39	25	32	38	24	32	35	39	39	29	34	28	29	36	37.5
	Minimum	27	24	23	22	23	27	29	38	35	31	27	30	28	23	27	31	29	24	15	17	20	8	20	29	32	20	14	24	16	21	26	24.5
Ridgway /	Maximum	27	30	38	44	53	46	42	36	31	31	32	29	28	25	33	34	32	29	23	36	27	24	38	34	36	26	33	32	30	32	37	33.2
	Minimum	20	10	3	− 2	0	8	22	20	28	27	27	24	24	14	12	16	19	20	9	3	14	−21	21	11	21	14	−10	− 6	− 1	− 1	14	10.3
Scranton[1]	Maximum	29	24	27	31	48	45	45	46	37	36	38	37	32	28	33	37	33	33	18	29	33	21	31	34	36	33	27	30	24	33	38	33.1
	Minimum	24	16	15	16	19	27	32	37	32	33	32	25	23	21	25	33	27	16	9	15	11	− 1	17	26	32	14	8	23	11	15	31	21.4
Selinsgrove	Maximum	32	31	33	37	45	45	41	47	41	38	36	38	33	30	34	39	37	37	25	27	39	25	33	36	36	40	22	33	28	26	34	34.8
	Minimum	25	22	17	14	14	20	20	33	32	31	24	28	26	12	21	25	21	24	6	3	11	−11	1	18	27	22	2	19	3	14	24	17 7
Somerset	Maximum	23	26	32	42	55	45	39	38	32	38	31	25	22	20	31	34	33	33	28	37	40	25	42	37	48	48	32	37	23	35	42	34.6
	Minimum	16	16	17	0	7	22	16	32	25	21	24	22	17	9	15	26	17	25	8	8	20	−20	12	25	31	12	− 6	17	3	19	31	15.7
Springs[6]-1 SW	Maximum	21	22	29	41	56	44	39	35	29	35	27	25	20	20	34	34	33	31	28	39	40	17	40	37	50	39	40	39	20	33	42	33.5
	Minimum	12	15	16	1	12	27	20	28	19	21	28	15	15	11	12	22	18	27	8	8	15	−14	5	28	34	3	− 1	14	11	18	28	15.2
State College[1]	Maximum	28	29	33	36	45	41	38	38	34	34	34	31	27	25	31	36	35	35	22	43	42	20	33	32	36	36	33	34	23	24	35	33.0
	Minimum	20	21	17	9	16	29	21	34	29	29	27	25	18	12	19	26	22	18	11	17	14	− 3	18	26	27	7	1	19	10	19	24	18.8
Stroudsburg-2 E.	Maximum	37	35	38	45	58	46	46	48	50	48	40	40	38	36	35	40	39	36	31	27	35	34	33	33	35	37	28	37	33	30	34	38.1
	Minimum	25	18	13	11	13	18	18	32	27	32	24	31	27	17	20	25	21	25	6	2	13	− 6	4	27	31	24	5	21	5	15	24	18.3
Tamarack /-2 S	Maximum	23	24	31	39	50	43	33	32	27	28	26	24	28	24	29	29	27	25	21	33	24	15	32	29	34	21	24	25	19	23	32	28 2
	Minimum	17	18	10	10	13	29	26	25	25	24	24	22	19	13	12	15	18	17	6	4	12	0	0	14	20	16	4	5	8	8	12	14.2
Tionesta /-1.5 SE	Maximum	25	25	34	41	50	42	41	36	32	31	33	30	24	25	34	32	33	29	22	37	24	20	31	36	36	20	26	25	27	34	36	31.3
	Minimum	20	11	7	1	1	12	25	30	28	27	27	23	23	13	8	17	19	20	11	11	15	−22	−10	− 6	23	13	− 9	0	7	8	20	12.0
Titusville-2 S.	Maximum	25	24	31	41	48	41	41	39	33	30	32	29	26	24	28	32	30	27	24	29	33	20	29	32	34	32	18	28	25	28	36	30.7
	Minimum	19	14	13	− 1	13	33	30	32	27	26	28	22	20	15	10	27	18	19	8	11	14	−15	5	23	28	13	− 8	18	11	15	28	16.6
Towanda-1 E.	Maximum	33	28	31	34	38	39	40	42	38	36	35	33	35	33	36	39	37	34	24	27	39	18	35	32	36	35	23	33	23	31	38	33.4
	Minimum	25	15	14	12	12	20	25	34	31	33	30	24	23	20	21	27	25	17	3	6	10	−16	0	24	30	17	− 3	21	2	4	27	17.2

Continued on page 96

Daily Temperatures for December 1944—Continued from page 95.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	28	32	33	42	57	51	44	44	35	43	40	29	26	26	36	39	37	33	28	39	42	30	44	39	41	41	39	39	31	40	45	37.8
	Minimum	21	19	21	13	15	30	23	35	30	24	29	26	22	16	18	30	22	28	14	13	24	− 5	26	30	35	16	9	22	19	27	36	22.2
Vandergrift[1]	Maximum	32	34	39	45	54	47	47	41	37	47	37	33	30	29	36	37	38	38	28	44	44	28	41	35	39	33	38	37	30	37	42	38.0
	Minimum	22	24	20	13	16	27	29	35	31	30	29	27	20	18	17	28	20	26	13	15	15	− 5	12	22	32	5	1	22	8	22	35	20.3
Warren	Maximum	25	26	30	33	49	36	39	37	34	30	31	28	29	24	22	29	30	29	20	30	31	22	30	33	32	30	19	25	26	28	33	29.7
	Minimum	21	18	7	4	13	28	28	33	29	28	28	23	20	18	13	27	20	18	7	13	10	12	6	23	29	15	− 1	18	10	11	28	18.0
Waynesburg	Maximum	26	29	33	43	55	46	43	38	34	40	34	28	23	27	34	37	37	34	26	39	42	32	42	38	47	31	36	38	30	36	41	36.1
	Minimum	18	15	14	7	10	27	22	33	28	22	27	22	18	12	16	26	19	24	11	10	20	− 11	16	27	33	11	0	8	14	25	34	18.0
Wellsboro/	Maximum	29	24	29	40	54	45	41	35	34	33	33	27	32	29	32	36	30	28	27	35	27	22	36	30	35	21	29	26	20	28	36	31.7
	Minimum	21	14	6	− 4	− 4	8	26	30	29	28	27	24	21	6	14	16	21	20	− 6	−12	16	−21	−21	17	20	18	−13	− 11	10	5	16	10.4
West Chester	Maximum	36	31	35	41	46	50	48	53	43	42	38	43	37	33	38	40	43	37	28	32	37	35	33	34	39	41	28	36	28	30	36	37.8
	Minimum	25	24	19	20	24	28	30	38	35	26	26	29	29	21	21	28	26	27	16	13	29	8	18	18	33	25	15	25	17	20	27	23.9
Wilkes-Barre[3]	Maximum	31	26	29	33	47	43	44	46	38	36	38	37	37	30	34	39	35	34	23	28	32	22	33	34	38	35	28	34	22	29	36	33.9
	Minimum	25	19	18	14	17	24	26	37	33	31	30	26	23	21	25	29	28	15	7	10	− 2	− 8	4	23	33	11	8	19	8	14	26	19.2
Williamsport	Maximum	34	31	34	41	40	38	46	41	39	38	37	37	38	30	35	40	37	34	27	30	35	27	31	33	35	34	29	33	27	28	34	34.4
	Minimum	24	19	11	13	14	21	24	34	28	26	29	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	§§
Williamstown	Maximum	32	29	31	38	50	46	44	47	40	38	34	35	33	28	34	37	36	35	27	29	36	31	33	31	39	39	24	33	28	26	34	34.7
	Minimum	22	21	12	15	12	21	22	34	30	24	24	21	25	14	21	25	20	24	9	2	13	− 5	6	23	30	18	2	18	4	15	22	17.5
Woodward[3-2 NE]	Maximum	22	22	27	34	50	44	34	35	27	30	30	30	24	21	28	30	28	27	17	36	32	17	30	25	37	26	26	23	20	23	31	28.6
	Minimum	18	14	11	15	29	30	25	27	25	24	24	20	15	11	15	21	17	10	5	11	5	3	14	23	25	7	6	13	8	13	23	16.4
York-3 SW	Maximum	35	37	37	45	55	52	44	48	43	43	39	41	37	33	40	43	44	40	34	34	38	36	41	40	40	39	29	37	32	30	38	39.5
	Minimum	27	25	21	17	15	22	21	35	35	29	24	30	30	14	21	31	25	24	10	2	16	0	19	30	32	25	10	23	13	22	26	21.7

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.79	3	29.25	12	9.2	26	ne.	11§	83	76	83	19	1124
Harrisburg	30.76	27	28.87	12	8.6	34	nw.	28	73	61	70	42	1097
Philadelphia	30.74	27	28.99	12	10.0	29	nw.	1	75	58	72	46	1013
Philipsburg	30.72	3	28.99	12	11.2	34[a]	w.	13§	89	75	81	.....	1380
Pittsburgh	30.77	3	29.16	12	10.8	40	w.	27	88	75	81	21	1161
Reading	30.75	27	28.90	12	12.0	38	w.	1§	71	54	54‡	47	1049
Scranton	30.74	27	28.88	12	7.3	28	nw.	28	76	69†	.....	49	1170

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.3	4.8	1	2.3	24	18
Easton	Delaware	3.1	5.2	2	1.8	21	22
Lehighton	Lehigh	3.5	4.4	9	3.1	24	9
Reading	Schuylkill	4.7	6.9	1	3.6	28	13
Wilkes-Barre	N. Br. Susquehanna	5.1	8.6	10	3.2	23	22
Williamsport	W. Br. Susquehanna	1.8	3.4	28	0.8	6	20
Newport	Juniata	4.0	6.6	28	3.2	6	22
Harrisburg	Susquehanna	4.4	5.2	31	3.7	7	17
Schenley, (nr) Lock No. 5	Allegheny	13.8	16.8	26	12.7	6	24
Sutersville	Youghiogheny	6.2	15.0	26	4.0	6	20
Charleroi (nr.), Lock No. 4	Monongahela	15.6	31.1	26	12.1	6	30
Pittsburgh	Ohio	*	20.9	26	*	.....	25
Midland, Dam No. 7	Ohio	*	26.6	27	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—2-22-45—975)

51.05
PNP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION.
L. F. CONOVER.
HARRISBURG, PA.

VOL. XLIX. ANNUAL SUMMARY, 1944. No. 13.

GENERAL SUMMARY

Statistically, 1944's weather was about normal. The mean temperature was 50.0°, 0.2° below normal, while the annual precipitation, 40.22 inches, was only 1.79 inches deficient. Concealed in these figures are all possible combinations of weather, normal to Pennsylvania, with the most devastating system of tornadoes in the State's history thrown in for good measure.

After the driest winter of record, March and April were wet and unseasonably cool, retarding field work and planting. The hottest May of record accelerated the growth of vegetation, but rainfall continued above normal through June, keeping fields too wet for normal activity. Precipitation deficiencies, reported in the southeast in May and in west-central counties in June, grew worse and spread during the driest summer since 1932. By the end of August, communities south and east of the mountains had accumulated deficiencies for the growing season, ranging from 4.00 to 9.00 inches. Summer temperatures were not exceptionally high, which alleviated the drought conditions to some extent. Relief came to the southeast in September, too late to be of material benefit to most crops. Rainfall continued below normal at west-central stations for what remained of the growing season. Ideal weather permitted completion of most outdoor work by mid-November.

The snowiest December since 1890 brought the average snowfall for the year to 53.8 inches, the greatest since 1914. The snow which blanketed the unfrozen ground during the coldest part of the month provided excellent protection for winter grains and offered the prospect of improved soil conditions in 1945.

WEATHER BY MONTHS

JANUARY: Warm and dry, with most of the month's precipitation concentrated in the first week. Snowfall, averaging less than half normal, provided little protection for winter grains. Sleet, snow, and freezing rain on the 3d caused many minor accidents.

FEBRUARY: Mild and open, ending the driest winter of record. Snowfall, 60% of winter's total, was slightly deficient, leaving winter grains exposed to freezing temperatures. Slippery roads kept cindering crews active most of the month. Wind damaged property at Pittsburgh on the 22d.

MARCH: Cold and stormy with more precipitation than January and February combined, and the greatest monthly total snowfall of the season. Many accidents occurred on roads made slippery by snow, sleet, and freezing rains. High winds, general on the 29th, damaged property, particularly at Erie and in southwestern counties.

APRIL: Cool and rainy. The persistent cool weather continued to retard the growth of vegetation, and wet fields impeded plowing and planting. Roads near Meadville were inundated for a short time on the 13th.

MAY: Hot and wet, but with precipitation deficiencies beginning in the southeast. At Claysville on the 20th, there was minor flooding as the result of 1.85 inches of rainfall in one hour. Repeated storms caused a landslide which blocked the highway near Oil City on the 23d.

JUNE: Warm and continued wet. The extreme minimum, 29°, was the lowest June temperature recorded since 1933. Highest temperatures occurred on the 18th and 29th and, at scattered western stations, these were the extreme maxima for the year. Thunderstorms, reported on all but five days, were most general on the 19th and 23d. Damage to crops and property was reported from all sections of the State. Overshadowing all else were the tornadoes which moved across southwestern Pennsylvania on the night of June 23, killing 44 persons, injuring hundreds of others, and damaging property to the extent of an estimated $2,000,000.

JULY: Dry, except in the southwest. Wind caused minor damage at Scranton and Waynesboro. On the 16th, the wind velocity of 43 miles per hour set a new record for the month at Scranton. In a storm at Waynesboro on the 29th, winds were of tornadic action.

AUGUST: Warm and dry. Minima on the 26th were the lowest in more than 50 years at Harrisburg, Johnstown, Philadelphia, and Quakertown. At York on the 13th, a small tornado ripped the roofs from a row of six houses and caused additional minor damage. Lightning and wind damage were widespread throughout the month.

SEPTEMBER: Cool and wet. Property damage from rain and high winds was extensive in the east, during the passage of a hurricane, northward along the New Jersey coast, from the 12th through the 14th. A tornado damaged property in Bucks County on the 28th.

OCTOBER: Cool with precipitation about normal as a result of heavy rain on the 20-21st, when nearly half the month's total fell. Killing frosts occurred in all sections on the 16th.

NOVEMBER: Seasonable. The weather was favorable for outdoor work during the first half. The first significant snow of the season fell on the 20th and made roads, in northern counties, dangerous.

DECEMBER: Cold and stormy. Western and northern counties bore the brunt of repeated storms which piled up the greatest December snowfall in 54 years. The greatest individual total was 76.5 inches at Corry, by far the greatest of record for any month at that station. Conditions grew worse in the west as the snow drifted, blocking most secondary roads. Many communities were still snow-bound as the year ended. G. W. S.

ERRATA

December 1944.—Page 90, George School, mean temperature should be 30.4°, departure should be −3.2°. Page 94, George School, maximum on 31st should be 34°, mean maximum should be 38.6°. Page 95, Philadelphia Airport, maximum on 12th should be 47°, mean maximum should be 39.3°.

Departures, as shown on the various tables, incorporate all corrections to 1944 monthly issues of Pennsylvania Climatological Data.

Climatological Data for the Year 1944

Stations	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)							Number days with .01 or more	Sky			Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall (unmelted)		Number clear days	Number partly cloudy days	Number cloudy days	
Atlantic Drainage.																				
Allentown Arpt. 4 NE..	Lehigh	384	4	51.2	98	Aug. 4†	− 2	Dec. 22	4	34.15	4.63	Sept.	1.24	May	28.4	116	92	136	138	nw
Altoona, 4.5 W	Blair	1,500	47	49.4	97	Aug. 13	− 7	Dec. 22	58	42.21	6.55	June	1 52	Aug.	71.0	138	182	104	80	w.
Bethlehem	Northampton	364	42	51.8	99	Aug. 12	6	Dec. 22	59	35.24	4.56	Mar.	1.33	May	34.5	129	186	52	128	nw.
Burnt Cabins, 2 NE.	Hundingdon	990	3	50.8	103	Aug. 11†	− 2	Dec. 22	3	38.79	5.21	Oct.	1.23	Aug.	43.3	109	159	75	132	w.
Carlisle	Cumberland	473	78	51.6	99	Aug. 12†	− 2	Dec. 22	55	40.40	5 48	Mar.	1.60	Feb.	44.5	119	195	61	110	sw.
Chambersburg, 1 SW.	Franklin	600	45	52.4	100	Aug. 12†	3	Jan. 17	48	37.87	5.51	Mar.	1.40	Feb.	33.6	115	111	129	126	ne.
Coatesville	Chester	431	56	53.8	98	Aug. 4	7	Jan. 17†	56	40.22	5.76	Mar.	0.74	July	21.7	112	78	91	197	nw.
Columbia	Lancaster	300	2	54.0	100	Aug. 4	1	Dec. 22	2	43.77	5.63	Mar.	1.42	Feb.	15.8	115	184	105	77	n.
Curwensville, 6 NW	Clearfield	2,215	2	45.6	90	Aug. 4	− 6	Feb. 19†	2	45.52	5.70	May	1.51	July	102.8	173	81	136	149	w.
Eagles Mere	Sullivan	2,020	2	45.4	94	Aug. 13	− 5	Feb. 19†	8	45.84	6.27	May	1.34	Aug.	59.1	124	122	101	143	ne.
East Waterford, 3 E.	Juniata	2,125	1	49.2	94	Aug. 11†	2	Jan. 9†	8	41.22	6.19	May	1.19	July	67.7	130	55	132	179	nw.
Everett, 0.5 SW	Bedford	1,020	24	50.4	99	Aug. 11	− 6	Dec. 22	23	35.19	5.21	Oct.	1.06	Aug.	47.8	116	121	84	161	sw.
Fredericksville, 1 S.	Berks	800	2	49.8	95	Aug. 5†	0	Dec. 22	7	43.61	7.38	Sept.	1.09	July	41.7	115	141	110	115	nw
Freeland	Luzerne	1,970	50	47.6	93	Aug. 13	0	Feb. 19	51	42.69	8.20	June	1.48	July	55.2	125	98	56	212	w.
George School	Bucks	184	38	53.0	97	Aug. 5†	3	Feb. 14	38	46.10	8.07	Sept.	0.50	July	27.7	124	191	74	101	sw.
Gettysburg	Adams	500	68	54,0	101	Aug. 12	5	Dec. 22	71	36.67	4.97	Mar.	1.21	Aug.	33.0	121	179	85	102	nw.
Gordon	Schuylkill	900	41	49.2	97	Aug. 13	−10	Dec. 22	41	43.30	7.53	June	1.40	Aug.	45.9	123	148	92	126	sw.
Hanover	York	600	40	53.5	100	Aug. 13	10	Jan. 17†	41	38.67	6.23	Mar.	1.13	July	34.8	123	163	78	125	s.
Harrisburg(Arpt.), 3.5 S	Dauphin	364	56	53 3	101	Aug. 12	2	Dec. 22	56	40.52	5.49	June	0.88	July	36.3	122	79	108	179	w.
Hawley, 0.5 E	Wayne	980	26	47.8	98	Aug. 11	−10	Dec. 22	34	39.46	4.72	June	1.69	Jan.	65.6	121	176	88	102	w.
Holtwood	Lancaster	200	26	54.6	98	Aug. 4	9	Jan. 17	31	30.14	4.49	Mar.	0.27	July	29.5	120	136	102	128	nw.
Huntingdon	Huntingdon	700	55	51.3	101	Aug. 13	− 5	Dec. 22	57	34.24	4.79	Mar.	1.31	Feb.	41.5	133	106	88	172	nw.
Lancaster	Lancaster	255	42	52.8	95	Aug. 5	− 3	Jan. 17†	53	44.02	5.82	Aug.	1.52	July	36.9	134	208	62	96	nw.
Lawrenceville	Tioga	996	47	48.6	100	Aug. 13†	−20	Dec. 22	47	30.09	5.45	May	0.38	Jan.	45.2	95	131	119	116	n.
Lebanon	Lebanon	469	56	52.3	99	Aug. 12	2	Dec. 22	61	46.82	6.68	June	1.49	Feb.	37.7	111	230	63	73	sw.
Lock Haven	Clinton	554	54	51.1	102	Aug. 13	− 8	Dec. 22	54	35.21	5.24	May	1.08	Aug.	56.7	129	143	75	148	e.
Marcus Hook	Delaware	12	17	57.4	103	Aug. 4†	12	Dec. 22	18	40.75	6.53	Mar.	1.39	July	15.0	108	245	25	96	w.
Martinsburg	Blair	1,460	2	49.2	95	Aug. 12†	− 3	Dec. 22	2	37.15	3.91	Mar.	1.33	Aug.	.....	133	.....	.....	.....	.....
Mt. Pocono, 2 N	Monroe	1,914	3	45.2	91	Aug. 4†	−10	Dec. 22	3	43.12	5.06	Apr.	1.38	July	73.7	139	47	180	139	nw.
Newburg, 3.5 NW.	Cumberland	745	3	52.9	102	Aug. 13	2	Dec. 22	3	36.71	4.53	Mar.	0.84	July	22.1	117	144	151	71	w.
Palmerton	Carbon	435	19	50.2	96	Aug. 4†	− 2	Dec. 22	28	36.24	4.99	June	1.37	Oct.	40.6	111	126	103	137	ne.
Park Place, 1 NW.	Schuylkill	1,952	2	46 4	93	Aug. 11	− 1	Dec. 22	2	33.92	4.34	Sept.	0.89	Aug.	40.3	137	77	150	139	nw.
Philadelphia (Airport).	Philadelphia	10	4	54.2	97	July 7†	10	Dec. 22	4	39.52	5.82	Sept.	1.05	July	17.2	114	85	120	161	sw.
Phila. Shawmont	Philadelphia	66	27	54.4	97	July 7†	8	Dec. 22	49	41.80	6.73	Mar.	1.00	July	21.5	116	132	90	144	nw.
Philipsburg, 7 E.	Centre	1,914	2	44.6	91	Aug. 13	−26	Dec. 22	2	50.58	8.41	May	2.54	Feb.	95.6	160	47	128	191	w.
Port Clinton	Schuylkill	430	6	49.9	98	Aug. 13	0	Dec. 22†	5	41.22	5.83	Mar.	1.82	Oct.	44.0	113	.....	.....	.....	.....
Quakertown, 0.5 E	Bucks	480	57	50.4	99	Aug. 6	− 5	Dec. 22	59	45.10	6.56	Sept.	0.88	July	28.8	133	161	101	104	w
Reading	Berks	273	47	53.9	100	Aug. 13	8	Dec. 22	67	42 19	6.05	Apr.	0.93	July	42.2	125	104	106	156	nw.
Scranton	Lackawanna	746	50	50.2	98	Aug. 13	− 1	Dec. 22	50	31.87	5.66	June	0.81	Jan.	29.9	127	87	144	135	n.
Selinsgrove	Snyder	476	55	51.2	99	Aug. 12†	−11	Dec. 22	55	43.63	6.48	May	1.14	Aug.	39.2	.....	127	120	119	sw.
State College	Centre	1,175	56	50.0	96	Aug. 13	− 3	Dec. 22	60	39.35	7.83	May	1.12	Feb.	61.8	137	102	106	158	sw.
Stroudsburg, 2 E.	Monroe	327	30	51.4	98	Aug. 4†	− 6	Dec. 22	27	41 48	5.03	June	1.03	Oct.	34.2	117	137	83	146	nw.
Tamarack, 2 S	Clinton	2,250	2	45.3	95	Aug. 13	− 4	Feb. 20	4	39.64	6.90	June	1.15	Jan.	78.6	150	79	148	139	w.
Towanda, 1 E	Bradford	755	50	49.1	100	Aug. 13	−16	Dec. 22	50	33.89	5.44	May	0.70	Jan.	50.2	131	108	135	123	nw.
Wellsboro	Tioga	1,319	64	45.6	96	Aug. 13†	−21	Dec. 22†	74	32 98	4.84	May	0.77	Jan.	53.7	127	118	103	145	w.
West Chester	Chester	440	90	53.4	96	Aug. 4†	8	Dec. 22	94	43.31	6.29	Sept.	0.69	July	33.5	114	166	94	106	nw.
Wilkes-Barre	Luzerne	549	6	49.6	99	Aug. 13	− 8	Dec. 22	6	31.79	4.49	June	1.02	Jan.	30.0	109	36	200	130	sw.
Williamstown	Dauphin	777	28	50.7	97	Aug. 12†	− 5	Dec. 22	10	43.49	5.70	Sept.	1.52*	Feb.	.....	110	73	177	116	.....
Woodward, 2 NE	Centre	2,182	2	46.4	94	Aug. 13	1	Feb. 19	3	42.30	7.42	May	1.50	Feb.	68.8	142	55	93	218	w.
York, 3 SW	York	390	46	54.3	99	Aug. 4†	0	Jan. 17†	57	42.77	5.43	Mar.	1.41	Feb.	32.0	140	188	94	84	w.
Ohio Drainage.																				
Bradford, 4 W	McKean	1,680	15	46.1	93	Aug. 4	−20	Dec. 22	27	42.06	6.05	June	1.29	Jan.	75.9	149	52	134	180	w.
Brookville	Jefferson	1,400	33	47.1	94	Aug. 13	−19	Dec. 22	53	39.43	6.61	May	1.76	Feb.	.....	154	40	127	199	sw.
Butler	Butler	1,077	22	50.8	97	June 29	−15	Dec. 22	30	40.62	4.99	May	1.88	July	70.2	134	.....	.....	.....	w.
Clarion, 3 SW	Clarion	1,114	1	49.0	96	July 6†	−19	Dec. 22	47	40.19	6.42	May	2.23	Jan.	73.7	164	75	97	194	w.
Claysville	Washington	1,170	40	49.5	96	Aug. 12	−11	Dec. 22†	40	43.34	6.45	May	1.67	Jan.	42.8	136	141	89	136	nw.
Derry	Westmoreland	1,150	48	52.3	95	July 11†	−11	Dec. 22	48	49.29	6.70*	Mar.	2.14	Feb.	58 7	136	.....	.....	.....	w.
Donegal	Westmoreland	1,746	1	48.6	94	Aug. 12	− 6	Dec. 22	1	52.02	7.50	May	1.34	Jan.	88.1	160	87	187	92	w.
Donora	Washington	761	18	54.5	98	Aug. 12†	2	Dec. 22	18	41.93	5.77	Mar.	1.60	Jan.	37.0	136	60	91	215	sw.
Ebensburg	Cambria	2,060	27	46.5	92	Aug. 12†	− 5	Dec. 22†	26	44.50	5.76	Mar.	2.38	Feb.	71.5	145	131	76	159	w.
Ford City, 4 S	Armstrong	950	1	50.8	96	Aug. 13†	−16	Dec. 22	1	42.14	5.73	June	1.77	Feb.	43.8	147	122	59	185	w.
Franklin	Venango	987	51	48.6	95	June 18	− 8	Dec. 22	72	35.60	5.73	May	1.91	July	72.0	139	141	99	126	n.
Greensburg, 2 S	Westmoreland	977	36	50.2	93	Aug. 12†	−15	Dec. 22	36	42.89	6.37	Dec.	1.56	Jan.	53.6	159	139	93	134	sw.
Indiana	Indiana	1,300	42	51.6	95	June 18	1	Dec. 22	32	47.65	7.17	June	1.97*	Feb.	.....	152	164	134	68	s.
Irwin	Westmoreland	1,090	45	52.1	96	Aug. 12	− 8	Dec. 22	48	44.33	6.50	Mar.	1.55	Jan.	73.8	170	117	88	161	w.
Jamestown, 2 NW	Mercer	1,050	3	47.5	99	Aug. 4	−14	Dec. 22†	13	35.52	5.21	May	1.42	Oct.	.....	158	.....	.....	.....	ne.
Kane, 1 N.	McKean	1,750	1	44.0	93	Aug. 4†	−26	Dec. 22	29	42.77	5.36	May	1.53	Jan.	107.6	182	97	59	210	w.
Meadville, 1 S	Crawford	1,065	51	47 5	96	Aug. 4	−13	Dec. 22	52	40.49	5.20	May	1.69	Oct.	102.6	159	82	116	168	sw.
Mercer, 2.5 NE	Mercer	1,200	5	47.8	95	Aug. 4	− 8	Dec. 26	5	30.37	4.28	May	1.10	June	62.6	153	46	144	176	s.
Midland	Beaver	780	7	52.0	95	June 18†	− 3	Dec. 22	8	36.41	4.67	Mar.	1.38	Jan.	41.9	140	78	131	157	nw.
Mount Lebanon	Allegheny	1,163	19	52.0	96	Aug. 12	− 4	Dec. 22	19	40.01	5.31	Mar.	1.50	Jan.	43.9	147	120	121	125	s.
New Castle, 1.5 N.	Lawrence	900	64	51.7	97	June 18†	−10	Dec. 22	60	34.32	4.41	May	1.35	Sept.	53 0	142	106	147	113	w.
Pittsburgh (Airport).	Allegheny	1,226	11	52.0	95	Aug. 13	6	Feb. 13	11	40.55	6.18	Dec.	1.21	Sept.	46.3	161	77	144	145	sw.
Putneyville, 2.5 SE.	Armstrong	1,270	1	49.7	95	July 11	−16	Dec. 22	1	46.19	6.16	May	1.92	Feb.	61.1	160	105	119	142	w.
Ridgway	Elk	1,385	29	46.1	96	Aug. 13	−21	Dec. 22†	38	34.70	4.83	May	1.07	Jan.	56.0	154	92	103	171	s.
Somerset	Somerset	2,100	77	48.2	94	Aug. 13	−20	Dec. 22	61	49.69	7.06	May	1.75	Jan.	86.2	158	63	126	177	sw.
Springs, 1 SW	Somerset	2,500	24	46.8	90	Aug. 13	−14	Dec. 22	25	52.03	5.71	Mar.	2.26	Aug.	96.7	186	52	125	189	w.
Tionesta, 1.5 SE	Forest	1,200	1	48.0	96	Aug. 4	−22	Dec. 22	8	37.72	6.44	May	1 83	July	62.9	165	154	46	166	w.
Titusville, 2 S.	Crawford	1,550	1	48.2	93	June 28†	−15	Dec. 22	1	39.22	4.41	June	1.75	Jan.	.....	164	42	174	150	sw.
Uniontown	Fayette	1,040	55	53.8	93	Aug. 12	− 5	Dec. 22	56	47.32	6.05	May	1.61	Jan.	31.8	153	135	131	100	sw.
Vandergrift	Westmoreland	825	30	52.6	97	June 18†	− 5	Dec. 22	31	41.68	6.70	June	1 67*	Sept.	.....	140	108	193	65	.....
Warren	Warren	1,190	50	47.8	95	Aug. 15	− 4	Feb. 13†	56	44.30	6.04	Sept.	1.54	Jan.	73.0	145	101	166	99	sw.
Waynesburg	Greene	1,100	14	51.4	94	Aug. 11	−11	Dec. 22	18	41.82	5.47	June	1.41	Jan.	28.8	135	67	173	126	w.
Lake Drainage.																				
Erie	Erie	705	72	50.4	95	June 27	4	Feb. 19	72	40.68	5.04	Apr.	0.85	Jan.	81.4	148	55	149	162	sw.
For the State		.....	.....	50.0	103	Aug. 4†	−26	Dec. 22	....	40.22	11.03	May	0.05	July	53.8	136	118	111	137	w.

Figures and letters following station indicate distance in miles and direction of station from the city or town. † Also on other dates. * Partly interpolated.

Monthly and Annual Precipitation for the Year 1944, with Departures from the Normal

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure.	Precipitation.	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ATLANTIC DRAINAGE																										
Delaware Basin																										
UPPER DELAWARE																										
Dingmans Ferry, ½ E..	2.33	.....	2.30	.....	3.96	.....	5.06	.....	1.69	.....	4.23	.....	3.27	.....	4.35	.....	6.45	.....	1.05	.....	4.19	.....	3.12	.....	42.00	.....
Hawley, ½ E.....	1.69	−1.05	1.97	−0 70	3 11	−0.13	3.95	+0.63	2.12	−1 40	4.72	+0.91	4.13	−0.09	3.56	−0.61	4.71	+1.17	2.46	−0.89	4.19	+1.33	2.85	+0 01	39.46	−0.82
Hollisterville.....	1.88	−0.90	2.05	−1.05	3 50	+0.53	4.59	+1.13	3 53	+0.01	5.40	+1.22	2.51	−0.78	2.17	−1.24	3.67	+0 24	1.84	−1.60	3.52	+0.51	2.89	−0.43	37.58	−2.42
Lakeville, 1 N.....	1 51	−1.23	2 13	−0.81	*3.16	+0.05	*4.19	+0.62	2.13	−1.58	4.61	+0.18	2.46	−1.01	1.93	−2.12	4.75	+1.44	2.21	−1.44	4.10	+1.30	2.93	−0.27	36.14	−4.87
Matamoras.....	2 38	−0.34	1 95	−0.62	4.18	+1.08	4.49	+1.09	1.97	−1.40	3.92	−0.08	2.22	−1 50	1.66	−2.08	5.51	+2.32	1.49	−1.75	4.93	+2.12	3.40	+0.49	38.10	−0.67
Mount Pocono, 2 N....	2.25	.....	3 44	.....	4.71	.....	5.06	.....	3 83	.....	4.84	.....	1.38	.....	3.09	.....	4.74	.....	1 68	.....	3.93	.....	4.17	.....	43.12	.....
Pleasant Mount, 1 W..	1.00	..	1.87	.....	3 52	.....	4.53	.....	3.48	.....	5.33	.....	2.38	.....	3.11	.....	5.27	.....	2.62	.....	3.86	.....	3.21	.....	40.18	.....
Stroudsburg, 2 E.....	2.93	−0 32	1.90	−0.84	*4.91	+1.10	4.48	+0.63	3.41	+0.04	5.03	+0.34	2.66	−2.28	2.97	−1.88	4.61	+1 10	1.03	−2.75	4.30	+0.66	*3.25	+0.04	41.48	−4.16
Tanners Falls, 1 SE....	1.65	....	2.00	.....	*4.09	.....	3.54	.....	*3.16	.....	4.46	.....	2.31	..	2.86	...	4.78	.....	1.72	.....	3.34	.....	2.97	.....	36.88	.....
LEHIGH																										
Allentown Arpt., 4 NE	2.79	−0.71	2.00	−1.42	4.24	+0.79	3.99	+0.59	1.24	−2.26	4 05	+0.05	1.39	−3.22	1.57	−2 83	4 63	+1.23	1.49	−1.81	3.80	+0.95	2.96	−0.34	34.15	−8.98
Allentown.....	3.73	+0.33	2.20	−0.70	4 87	+1.43	4.28	+0.60	1.41	−2.10	4.20	+0.37	2.14	−2.85	2.42	−2.11	4.84	+1.33	1.66	−1.59	3.57	+0.80	3.28	+0.13	38.60	−4.36
Bethlehem.....	2.20	−1.29	*2.30	−0.95	4.56	+1.07	3.91	+0.64	1.33	−2.21	4.32	+0.23	2.25	−2.42	1.65	−2.66	3.80	+0.37	1.51	−1.71	4.27	+1.16	3.14	−0.07	35.24	−7.84
Blakeslee Corners.....	1.69	.....	2.13	.....	3.88	.....	3.79	.....	3.28	.....	5.19	.....	1.54	.....	3.28	.....	5.30	.....	1 48	.....	3.03	.....	2.74	.....	37.33	.....
Gouldsboro.....	1.51	−1.68	2.24	−0.67	3.50	+0.10	4.53	+0.83	3.34	−0.67	5.20	+0.59	3.24	−1.57	3.44	−0.98	4.37	+0.67	2.18	−1.63	3.47	+0.08	3.59	+0.78	40.61	−4.15
Lansford.....	1.68	−1.47	1.87	−0.82	4.91	+1.56	3.91	+0.09	2 10	−1.51	5.13	+0.56	1.65	−2.73	1.32	−3.51	6.48	+2.50	2.31	−1.45	3.97	+1.07	3.33	+0.06	38.66	−5.65
Mauch Chunk, 1 SW...	1.84	−1.84	2.69	−0.87	5.52	+1.23	4.34	+0.45	3 30	−0.66	5.89	+1.49	1.92	−3.03	1.69	−3.17	6.00	+1.97	2.24	−1.56	4.23	+0.68	3.30	−0.50	42.96	−5.81
New Tripoli.....	2.66	.....	2.20	.....	5.50	.....	5.11	.....	2.16	.....	5.21	.....	2.36	.....	1.79	.....	4.54	.....	1.95	.....	3.93	.....	3.94	.....	41.35	.....
Palmerton.....	*2.64	−0.17	*2.36	+0.08	4.91	+1.81	3.17	−0.09	1.81	−1.75	4.99	+0.70	3.33	−0.95	2.01	−2 20	4.10	+0.49	1.37	−2.00	2.70	−0.36	*2.85	+0.30	36.24	−4.14
Zionsville, 1 SW.....	*2 13	−2.18	3 06	−0.88	5.96	+1.05	5.19	+1.19	2.04	−1.57	6.80	+2.39	1.13	−3.85	1.40	−3.40	5.77	+1.76	2.02	−1.75	5 03	+0.89	3.37	−0.06	43.90	−6.41
SCHUYLKILL																										
Conshohocken.....	*3.37	+0.04	2.16	−1.29	†6.48	+3.06	5.68	+2.64	1.73	−1.82	1.96	−0.97	0.05	−4.39	2.56	−1.93	6.69	+3.54	.....	.....	4.62	+1.69	.....	.....	.....	.....
Fredericksville, 1 S....	2.21	.....	2.30	.....	5.34	.....	4.84	.....	2.75	.....	6.15	.....	1.09	.....	1.55	.....	7.38	.....	1.77	.....	4.33	.....	3.90	.....	43.61	.....
Graterford.....	3.87	+0.68	2.39	−0.38	5.95	+2.62	5.78	+2.50	2.18	−1 36	4.66	+0.90	0.54	−4.47	2.45	−1.80	5.63	+2.54	2.11	−0.89	4.90	+2.11	4.05	+1.46	44.51	+3.91
Phoenixville, 1½ SE....	3.49	−0.22	2.03	−1.08	5.74	+2.10	5.38	+1.79	2.60	−1.39	3.66	−0.13	0.59	−4.42	2.60	−2.52	5.70	+2.23	2.26	−1.00	4.30	+1.27	3.63	+0.55	41.98	−2.82
Port Clinton.....	2.81	−0.71	2.30	−1.02	5.83	+1.96	4.82	+0.68	2.27	−1.87	4.08	−0.38	2.16	−2.74	2.36	−2.81	5.72	+1.67	1.82	−2.15	3.98	+1.17	3.07	−0.54	41.22	−6.74
Pottstown, ½ S.....	3.14	−0.15	2.09	−1.02	5.59	+2.19	5.92	+2.81	3.41	+0.05	4.28	+0.90	0.38	−4.14	3.27	−1.05	7.01	+4.01	1.83	−1.54	4.72	+2.23	3.53	−0.06	45.17	+4.23
Pottsville.....	2.31	−1.25	1.54	−1.87	5.30	+1.21	4.17	+0.36	3.70	−0.03	5.57	+1.27	3.08	−1.61	2.12	−2.54	4.58	+0.51	2.89	−1.20	4.00	+1.07	3.02	−0.83	42.28	−4.91
Reading.....	2.90	−0.67	1.97	−1.57	5.47	+1.95	6.05	+2.78	2.39	−1.28	4.50	+0.95	0.93	−3.33	2.53	−1.68	5 61	+2.40	1.91	−1.21	4.30	+1.57	3.63	+0.07	42.19	−0.02
Wernersville.....	2.49	.....	1.77	.....	6.02	.....	6.15	.....	2.93	.....	3.99	.....	2.04	.....	1.48	.....	6.57	.....	2.11	.....	4.37	.....	3.47	.....	43.39	.....
LOWER DELAWARE																										
Coatesville.....	*3.50	−0.45	*1.95	−1.81	5 76	+1.59	4.79	+0.99	3.19	−0.71	3.09	−1.18	0.74	−4.03	2 31	−2.30	4.18	+0.41	2.38	−1.03	4.33	+1.14	4.00	+0.24	40.22	−7.14
Doylestown.....	2.94	−0.53	2.02	−1.45	4.74	+1.04	4.59	+0.75	2.24	−1.69	4.37	+0 41	0.18	−4.71	1 21	−3.90	5 59	+1.76	1 75	−1.87	5.33	+2.19	2.68	−0.82	37.64	−8.82
George School.....	2.99	−0.45	2.30	−0.61	6.04	+2.67	5.49	+1.87	1.47	−2.08	6.60	+2.94	0 50	−3.78	1 69	−3.10	8.07	+4.56	1.65	−1.60	6 50	+3.64	2.80	−0.39	46.10	+3.67
Marcus Hook.....	2.97	−0.31	2.04	−0.92	6.53	+3.11	5.50	+2.10	1.87	−1.25	3.20	+0.35	1.39	−2 82	3.30	−2.25	4.95	+2.02	1.61	−1.31	3 93	+1.20	3.46	−0.08	40.75	−0.16
Philadelphia																										
Airport Station.....	2.99	−0.31	1.93	−1.50	5.46	+2.07	4.69	+1.64	2.25	−1.01	3.23	−0.01	1.05	−3.10	2.78	−1.84	5 82	+2.68	1.81	−1.00	4.71	+2.01	2 80	−0.63	39.52	−1.00
City Office.....	2.94	−0 36	1.99	−1.44	5 91	+2.52	4 93	+1.88	1.97	−1 29	2.10	−1.14	0.73	−3.42	2.41	−2.18	6.08	+2.94	1.64	−1.17	4.31	+1.61	3 36	−0.07	38 40	−2.12
Shawmont.....	3.43	+0.07	2.48	−0.64	6.73	+3.21	5.64	+2.24	1 98	−1.35	2.72	−0 83	1 00	−3.49	1.82	−3.22	5.47	+2.12	2.02	−1.14	4.84	+1.98	3.67	+0.26	41.80	−0.79
Quakertown, ½ E.....	3.88	+0.06	2.56	−0.75	5.50	+1.71	6.43	+2.37	1.18	−2.18	5.57	+1.66	0.88	−3.80	1.09	−4.00	6.56	+2.67	2.61	−1 31	*5.51	+2.37	3.33	−0.63	45.10	−1.83
West Chester.....	3.66	−0.16	1.92	−1.58	5.77	+1 94	4.67	+0.93	3.73	−0.15	3.51	−1.04	0.69	−3.95	3.08	−1.92	6.29	+2.77	2 11	−1.51	4.19	+1.11	3.69	−0.11	43.31	−3.67
Westgrove, 1½ SE.....	3.34	+0.11	*1.78	−0.61	5.78	+1.76	4.49	+1.09	2.52	−0.97	2.94	−0.91	0.70	−4.08	3.17	−1.85	7 23	+3.82	2.07	−1.37	4.08	+1.08	3.35	+0.47	41.45	−1.46
Susquehanna Basin																										
CHEMUNG																										
Austinsburg, 2 W.....	0 80	.....	2.84	....	*2.68	.....	§	.....	3.52	.....	5.55	.....	1.81	.....	1.02	.....	3.68	.....	*2.03	.....	1.56	.....	4.17	.....	.....	.....
Centerville.....	0.35	.....	1.63	.....	2.19	.....	3.15	.....	5.41	....	4.86	.....	2.11	.....	§	.....	2.15	.....	2 25	.....	.....	.....	.....	.....	.....	.....
Covington.....	0 71	.....	1.62	.....	2.14	.....	2.25	.....	5.59	.....	5.29	.....	4.17	.....	1.61	.....	*2.33	.....	1 78	.....	1.95	.....	2 63	.....	32.07	.....
Lawrenceville.....	0.38	−1.50	1.69	−0.09	2.23	−0 19	2.48	−0 40	5.45	+1.79	4.16	+0.30	2.76	−1.26	1.15	−2 75	2.66	−0.46	2.55	−0.22	2.81	+0.57	1.77	−0.16	30.09	−4.37
NORTH BRANCH																										
Canton, 1 NW.....	0.69	.....	1.80	.....	2.60	....	2.91	....	6.45	.....	7 28	.....	2.38	....	3.95	.....	2.74	.....	2.60	.....	3.10	.....	3.49	.....	39.99	.....
Danville.....	2.01	.....	1.45	.....	4.17	.....	3.33	.....	4.53	.....	6.28	.....	3.20	.....	2.63	.....	4.34	.....	4.94	.....	2.69	.....	3.06	.....	42.63	.....
Freeland.....	1.67	−1.80	1.72	−1.45	*4.61	+0.50	4.29	+0.03	3.28	−0.64	8.20	+3.40	1.48	−3.67	3.27	−1.04	4.57	+0.69	2.72	−1.27	2.92	−0.77	3.21	−0.21	41.94	−6.23
Millville.....	1.50	.....	1.23	.....	3.71	.....	2.98	.....	4.59	.....	6.00	.....	1.93	.....	2.26	.....	4.43	.....	2.82	.....	2 18	.....	2.61	.....	36.24	.....
Monroeton, 2 S.....	0.65	.....	1.13	.....	3.17	.....	2.80	.....	6.32	.....	6.32	.....	1.24	.....	1.98	.....	3.66	.....	3.91	.....	2.73	.....	3.87	.....	37.78	.....
Montrose, 3 E.....	0.67	−1.91	2.31	+0.14	3 26	+0.53	3.44	+0.07	*4.74	+0.95	4.41	+0.39	2.90	−1.00	0.81	−3.47	4.00	+0.03	2.87	−0 74	2.65	+0.03	3.49	+1.00	35.58	−3.98
Orwell, 3 N.....	0.68	.....	1.27	.....	2.12	.....	2.96	.....	6.24	.....	6.15	.....	2.64	.....	3.18	.....	2.77	.....	4.14	.....	3.06	.....	3.90	.....	39.11	....
Park Place, 1 NW.....	2.19	.....	1.34	.....	3.99	.....	3.20	.....	2.79	.....	3.30	.....	2.52	.....	0.89	.....	4.34	.....	2 55	.....	3.81	.....	3.00	.....	33.92	.....
Pikes Creek.....	1.63	.....	1.44	.....	4.17	.....	3.61	.....	3.79	.....	4.19	.....	1.23	.....	2.96	.....	4.87	.....	2.44	.....	2.47	.....	3.39	.....	36.19	.....
Rush, 6 S.....	0.79	.....	1.72	.....	2.95	.....	3.67	.....	4 85	.....	5.14	.....	2 17	.....	2.27	.....	3.70	.....	2.72	.....	2 89	.....	4.14	.....	37.01	.....
Scranton.....	0.81	−2.22	1.31	−1.84	2.67	−0 53	3.27	+0.50	2.56	−0.71	5 66	+1 99	2.60	−1.43	3.28	−0.41	3.41	+0.24	1.75	−1.28	2.22	−0.55	2.33	−0.69	31.87	−6.93
Susquehanna.....	0.90	.....	2.46	.....	3.52	.....	3 08	.....	2.86	.....	4.21	.....	4.00	.....	2.53	.....	2.82	.....	2.45	.....	3.15	.....	.....	.....	.....	.....
Towanda, 1 E.....	0.70	−1.44	1.24	−0.75	2.05	−0.54	3.15	+0.06	5.44	+2.08	4.84	+1.02	1.63	−2.17	2.31	−1.12	2.78	−0.41	3.75	+0.84	3.07	+0.93	2.93	+0.74	33.89	−0.76
Tunkhannock.....	1.11	....	1.62	.....	3.22	.....	2.86	.....	4.04	.....	4.74	.....	1.56	.....	2.29	.....	2.95	.....	2.57	.....	2.77	.....	3.00	.....	32.73	.....
Wilkes-Barre, 3 N.....	1.02	−1 37	1.04	−1.54	3.09	+0.18	3.72	+0.79	2.11	−1.04	4.49	+0 51	1.27	−2.80	3.55	−0 23	4.11	+0.64	2.16	−0.94	2.94	+0.72	2.29	−0.44	31.79	−5.52
WEST BRANCH																										
Ansonia, 2 W.....	0.91	-1.18	1 64	−0.17	2.37	+0.04	2.24	−0.95	4.49	+0.99	4.79	+1.09	2.39	−0.81	2.06	−1.60	3.55	+0.48	2.46	−0.36	2.03	−0.18	*2.72	+0.84	31.65	−1.81
Carrolltown.....	2.95	.....	2.76	.....	6 67	.....	3 84	.....	3.71	.....	7.14	.....	2.60	.....	3.78	.....	3.64	.....	4.11	.....	2 27	.....	5.52	.....	48.99	.....
Carter Camp.....	0 81	.....	2.11	.....	3.87	.....	3.17	.....	5.62	.....	5.40	.....	2.21	.....	2.10	.....	3.79	.....	2.23	.....	2.40	.....	3.49	.....	37.20	.....
Cedar Run.....	1.02	−1.71	2 05	−0.22	3.70	+0.79	2.87	−0.19	5.78	+2.60	8.00	+4.48	2.69	−0 72	1.53	−1.59	3 54	+0.86	2.36	−0.52	1.67	−1.11	3.55	+1.32	38.76	+3.99
Clearfield.....	1.95	−1.60	2.38	−0.25	4.66	+0.95	4.20	+0.52	6.84	+2.51	2.80	−1.89	1.85	−2.32	2.30	−1.73	4.83	+1.46	3.70	+0.56	2.18	−0.87	4 31	+1.29	42.00	−1.46
Curwensville, 6 NW....	3 25	.....	2.79	.....	4 75	.....	4.23	.....	5.70	.....	3.97	.....	1.51	.....	4.19	.....	3.80	.....	3.82	.....	2 27	.....	5.24	.....	45.52	.....
Driftwood.....	1.10	.....	1.66	.....	3.08	.....	§	.....	3.92	.....	§	.....	§	.....	2.97	.....	3.18	.....	2.71	.....	1.90	.....	3.96	.....	.....	.....
Dushore.....	0.76	.....	1.22	.....	3.36	.....	3.08	.....	5.48	.....	5.63	.....	2.67	.....	2.23	.....	3.18	.....	3.44	.....	1.32	.....	4.18	.....	36.55	.....
Eagles Mere.....	1.44	.....	2.16	.....	5.10	.....	3.76	.....	6.27	.....	5.29	.....	4.04	.....	1.34	.....	5.19	.....	4.20	.....	2.93	.....	4.12	.....	45.84	.....

(Continued on page 100)

Monthly and Annual Precipitation for the Year 1944, with Departures from the Normal—Continued.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
WEST BRANCH (continued)																										
Emporium, 1 E	†1.03	−2.46	*1.84	−1.06	*3.35	−0.29	3.35	−0.15	5.15	+0.88	5.07	+0.69	2.51	−1.78	2.42	−1.42	5.49	+2.01	2.25	−0.94	*2.36	−0.58	2.99	−0.19	37.81	−5.34
English Center	1.03		*1.90		3.17		2.77		*6.04		5.71		3.27		1.71		2.88		§							
Galeton	0.94	−1.50	2.66	+0.73	3.02	−0.59	2.76	−0.20	5.34	+1.63	6.45	+2.93	1.70	−1.91	2.15	−1.75	5.34	+2.09	2.58	−0.48	2.44	−0.41	3.65	+1.11	39.03	+1.65
Karthaus	1.38		*2.09		3.81		3.48		4.27		5.09		3.77		3.17		3.73		3.95		1.86		3.64		40.24	
Lock Haven	1.36	−1.69	1.25	−1.39	4.26	+0.79	3.01	−0.45	5.24	+1.30	4.31	+0.19	1.95	−2.11	1.08	−3.02	3.58	+0.14	2.99	−0.16	1.92	−0.53	4.26	+1.40	35.21	−5.53
Medix Run	1.45		2.02		3.36		3.30		5.57		2.87		2.21		3.67		3.80		2.66		1.69		4.08		36.68	
Philipsburg, 7 E	3.83		2.54		6.21		3.84		8.41		5.08		3.06		2.84		3.30		3.42		2.98		5.07		50.58	
Renovo	1.15	−1.56	1.90	−0.46	2.96	−0.14	2.88	−0.42	6.11	+2.41	4.92	+0.77	3.02	−0.96	2.17	−1.46	3.03	+0.07	3.05	+0.04	1.63	−0.91	4.10	+1.60	36.92	−1.02
State College	1.87	−1.13	1.12	−1.58	4.40	+1.06	4.05	+0.59	7.83	+3.88	5.70	+1.56	2.08	−1.80	1.52	−1.99	2.60	−0.43	3.41	+0.52	1.60	−0.86	3.17	+0.55	39.35	+0.37
Tamarack, 2 S	1.15		1.82		3.04		4.01		5.56		6.90		2.14		1.93		4.14		2.71		1.97		4.27		39.64	
Tyrone, 4 NE	2.33		2.15		5.03		3.65		6.76		3.71		1.93		3.00		2.69		3.27		1.97		3.20		39.69	
Wellsboro	0.77	−1.50	1.67	−0.35	2.25	−0.41	2.86	−0.20	4.84	+1.44	4.78	+1.05	2.27	−0.93	1.97	−1.21	3.24	+0.29	2.91	−0.12	2.10	−0.12	3.32	+1.18	32.98	−0.88
Williamsport	1.53	−1.43	1.42	−1.08	4.12	+0.90	3.43	−0.21	5.56	+1.73	6.23	+2.37	1.52	−2.32	2.35	−1.38	4.83	+1.79	3.21	−0.01	1.80	−0.57	*4.18	+1.29	40.18	+1.08
Williamsport, 4 SE	1.42		1.80		3.94		3.84		5.56		6.98		2.85		2.49		4.31		2.98		2.25		4.10		42.52	
JUNIATA																										
Altoona, 4½ W	*2.76	−0.16	*2.24	−0.13	5.28	+2.16	4.24	+0.84	4.38	+0.37	6.55	+2.47	2.58	−1.24	1.52	−1.91	3.69	+0.62	4.06	+1.25	1.90	0.47	*3.01	+0.28	42.21	+4.08
Breezewood, ½ E	2.11		1.64		3.82		*3.69		5.68		2.32		2.35		2.85		2.67		3.60		1.47		2.79		34.99	
Buffalo Mills	2.71	−0.03	1.79	−0.54	4.58	+1.36	4.34	+0.79	5.03	+1.84	3.06	−0.65	2.50	−1.12	1.93	−1.09	3.33	+0.79	4.75	+2.18	1.27	−1.21	3.78	+1.78	39.07	+4.10
Burnt Cabins, 2 NE	2.91		1.37		*4.33		4.27		4.16		3.62		1.82		1.24		4.12		5.21		1.64		4.11		38.79	
East Waterford, 3 E	2.59		1.33		5.29		4.85		6.19		5.19		1.19		1.98		3.12		3.43		1.97		4.09		41.22	
Everett, ½ SW	2.28	−0.68	2.10	−0.13	4.66	+1.39	4.46	+1.34	2.56	−1.06	2.73	−2.06	2.61	−1.34	1.06	−2.95	2.61	−0.45	5.21	+2.55	1.85	−0.16	3.06	+0.13	35.19	−3.42
Huntingdon	1.63	−1.57	1.31	−1.42	4.79	+1.27	3.98	+0.50	4.38	+0.29	2.12	−2.02	2.41	−1.53	2.54	−1.37	2.38	−0.96	3.60	+0.69	1.95	−0.46	3.15	+0.27	34.24	−6.31
Lewistown, 2 SW	*3.33		*0.96		*4.70		*3.56		6.28		6.06		3.01		§		1.35		3.89		1.58		*3.42			
Mapleton Depot	2.32		1.26		4.54		3.16		3.91		1.83		1.89		1.55		1.76		4.24		1.49		3.25		31.20	
Martinsburg	2.99		1.52		3.91		3.79		3.11		2.57		2.30		1.33		2.35		3.76		1.63		2.46		37.15	
McConnellstown, 4 NW	2.37		1.82		6.24		3.64		4.55		3.35		2.89		1.47		2.21				§		2.78			
Neffs Mills 3¾ NE	1.82		1.29		4.62		3.30		4.69		3.91		2.10		1.48		2.25		2.99		0.98		3.49		32.92	
New Bloomfield					5.18		4.71		4.61		5.23		0.93		2.66		4.01		4.84		2.19		*3.58			
Newport	3.12	+0.16	1.31	−0.95	5.05	+1.37	4.36	+0.82	3.14	−0.66	4.37	+0.66	0.83	−3.33	5.17	+1.02	4.08	+0.88	4.14	+0.01	2.05	−0.88	3.89	+0.82	41.51	−0.08
Saxton, 1 W	2.75		*1.50		§		§		4.06		3.11		2.10		1.17		2.51		3.60		1.26		*2.12			
Shade Gap, ½ SW	2.97		1.60		4.33		4.08		3.45		1.71		1.29		*1.22		2.18		4.66		1.57		2.98		32.04	
LOWER SUSQUEHANNA																										
Arendtsville	3.57	+0.56	1.87	−0.92	6.24	+2.52	4.14	+0.37	3.27	−0.58	2.19	−1.98	1.43	−2.46	1.26	−2.90	3.82	−0.12	4.24	+0.60	2.76	−0.11	4.06	+1.04	38.85	−3.98
Bloserville, 1½ N	*3.06	−0.08	1.79	−0.66	5.63	+2.35	4.86	+0.92	5.72	+1.74	4.74	−0.02	0.77	−4.19	1.14	−4.28	5.31	+1.42	3.79	+0.10	2.58	−0.28	3.42	+0.58	42.81	−2.40
Carlisle	3.38	+0.24	1.60	−1.40	5.48	+1.96	4.91	+1.38	2.84	−0.93	4.27	+0.32	2.33	−1.52	2.17	−2.25	3.33	−0.17	3.74	+0.42	2.54	−0.52	3.81	+0.95	40.40	−1.52
Columbia	2.98		1.42		5.63		4.60		2.99		3.72		2.49		3.89		5.45		4.14		2.65		3.81		43.77	
Dauphin, 3 N	2.55		1.24		5.22		*4.05		5.64		4.09		2.11		1.88		3.81		3.89		2.58		3.69		40.75	
Ephrata	2.00	−1.05	1.41	−1.55	5.37	+1.90											5.89	+2.37	1.97	−1.23	4.35	+1.81	2.71	−0.37		
Glen Rock	3.06		*1.71		*5.90		§		2.86		3.06		1.57		2.15		4.21		3.16		2.89		4.21			
Gordon	2.75	−0.91	*1.63	−1.64	4.80	+0.79	4.33	+0.11	4.89	+0.94	7.53	+3.18	1.55	−3.34	1.40	−3.16	3.59	−0.36	3.10	−1.05	4.24	+0.99	3.49	−0.23	43.30	−4.68
Grantville, 2 SW	3.02		1.62		5.44		4.14		3.53		5.80		2.02		2.77		5.16		3.45		4.25		3.13		44.33	
Hanover	3.70	+0.54	1.57	−1.15	6.23	+2.89	3.71	+0.08	3.95	+0.67	1.94	−2.15	1.13	−3.13	1.25	−3.15	4.11	+0.78	4.06	+1.01	2.86	+0.47	4.16	+1.19	38.67	−1.95
Harrisburg Arpt., 3½ S	2.97	−0.12	1.25	−1.81	5.47	+2.43	3.94	+1.25	5.03	+1.59	5.49	+1.90	0.88	−2.95	1.51	−2.53	3.94	+0.89	3.04	+0.11	3.39	+1.13	3.61	+0.59	40.52	+2.48
Holtwood	2.33	−0.78	1.25	−1.32	4.49	+1.42	4.11	+0.98	2.02	−0.84	2.66	−0.76	0.27	−3.63	1.71	−2.52	3.29	+0.54	2.36	−0.27	2.59	+0.18	3.06	+0.65	30.14	−6.35
Huntsdale	3.21		1.25		5.38		4.60		5.14		2.61		1.54		2.29		3.38		4.42		2.38		4.07		39.67	
Kirkwood, 1 SW	2.36		1.53		4.66		4.25		2.02		2.93		1.49		2.79		3.43		§		4.15		3.15			
Lancaster	2.03	−1.18	*1.54	−1.14	5.26	+1.77	5.59	+2.06	3.97	+0.79	3.54	−0.44	1.52	−2.72	5.82	+1.52	4.77	+1.32	2.03	−1.10	4.34	+1.77	3.61	+0.51	44.02	+3.16
Lebanon	2.28	−1.12	1.49	−1.70	6.35	+2.70	4.94	+1.43	2.82	−0.86	6.68	+2.53	1.70	−2.73	3.08	−1.30	6.38	+2.94	2.37	−1.15	4.59	+1.72	4.14	+0.83	46.82	+3.29
Middletown, 1½ W	3.42	+0.54	1.79	−0.55	*6.35	+2.59	4.82	+1.35	3.20	−0.38	6.50	+2.49	0.86	−2.46	2.43	−1.86	4.39	+0.57	2.94	−0.78	3.97	+1.45	3.36	+0.91	41.03	+3.87
Millersburg, 2 E	1.61		1.34		§		3.88		6.08		4.27		0.99		0.99		4.54		4.11		2.68		2.36			
Milroy, 5 N	*2.49		*0.90		*5.39		*3.40		5.35		7.13		2.18		1.76		1.42		3.31		1.50		*3.15		37.98	
Newburg, 3½ NW	2.43		*1.39		4.53		4.32		4.09		4.05		0.84		1.25		4.43		3.63		2.42		3.33		36.71	
New Park	3.49	−0.04	1.77	−1.29	6.26	+2.86	5.26	+1.75	3.83	+0.55	3.11	−0.51	0.82	−3.22	3.04	−1.43	4.03	+0.77	4.26	+1.11	3.51	+1.21	4.85	+1.65	44.23	+3.41
Pine Grove, 1½ NE	1.98	−1.52	1.48	−1.66	6.13	+2.47	4.26	+0.32	3.07	−0.63	3.92	−0.72	2.80	−1.68	0.96	−2.92	4.41	+0.69	3.57	−0.32	3.85	+1.05	2.82	−1.29	39.25	−6.21
Ringtown, 1½ SW	*1.78	−2.19	*1.64	−2.01	*4.21	−0.04	*3.87	−0.15	*2.59	−1.74	4.88	+0.26	1.61	−3.50	1.22	−3.77	3.64	−0.48								
Selinsgrove	†2.46	−0.56	1.52	−1.30	*5.00	+1.28	3.37	−0.20	6.48	+2.58	6.29	+2.39	1.98	−2.05	1.14	−2.91	4.97	+1.53	4.15	+0.63	*2.51	−0.28	3.76	+0.77	43.63	+1.88
Shippensburg	3.25	+0.16	1.22	−1.12	5.08	+1.51	4.26	+0.58	3.29	−0.34	3.33	−0.21	1.67	−2.08	1.66	−2.45	2.97	−0.33	3.42	−0.28	2.33	−0.48	3.86	+0.73	36.34	−4.31
Sunbury	*2.71	−0.18	1.51	−1.03	5.42	+2.19	3.51	−0.22	8.29	+4.52	6.54	+2.78	3.01	−0.91	2.85	−0.93	3.66	+0.17	3.88	+0.64	2.70	−0.23	4.00	+1.38	48.08	+8.18
Williamstown	2.52	−0.54	*1.52	−1.15	4.59	+1.32	*4.53	+1.05	3.07	−0.74	4.25	−0.26	2.04	−3.38	3.53	−0.38	5.70	+1.61	4.52	+0.81	3.67	+0.84	*3.55	+0.68	43.49	−0.14
Woodward, 2 NE	2.54		1.50		4.66		3.28		7.42		6.61		2.61		1.59		1.89		3.94		1.81		4.45		42.30	
York, 3 SW	3.40	+0.33	1.41	−1.34	5.43	+2.32	4.31	+1.12	3.21	+0.19	3.66	−0.09	3.80	−0.42	2.71	−1.35	4.07	+1.04	3.53	+0.49	3.71	+1.48	3.53	+0.60	42.77	+4.37
York Haven	3.42	+0.56	1.40	−1.35	5.74	+2.91	4.35	+1.13	3.80	+0.75	4.85	+1.06	1.68	−2.96	3.71	−0.31	3.35	+0.08	2.88	−0.13	3.70	+1.60	3.70	+0.71	42.58	+4.05
Potomac Basin																										
Chambersburg, 1 SW	2.64	−0.18	1.40	−1.36	5.51	+2.30	3.97	+0.77	5.20	+1.66	2.89	−1.06	1.60	−2.17	2.44	−1.49	2.52	−0.62	4.62	+1.36	2.29	−0.41	2.79	+0.14	37.87	−1.06
Gettysburg	3.13	−0.01	1.59	−1.17	4.97	+1.66	3.65	−0.04	3.86	0.00	2.18	−1.66	1.25	−2.56	1.21	−2.83	4.02	+0.45	3.53	+0.21	3.38	+0.62	3.90	+0.77	36.67	−4.56
Hewitt, 2 S	2.48		2.47		4.94		3.19		2.62		1.84		1.79		1.09		2.21		3.62		1.75		3.48		31.48	
Hyndman	2.45	−0.56	2.51	+0.12	5.01	+1.66	4.40	+0.80	3.76	+0.73	2.09	−2.19	2.38	−0.85	1.88	−1.97	3.06	+0.17	3.92	+0.86	1.67	−0.40	3.16	+0.54	36.29	−1.09
McConnellsburg	3.77		1.36		4.55		3.90		6.79		3.11		2.19		2.56		2.20		4.45		2.06		3.49		40.43	
Mercersburg	2.76		1.57		5.90		3.45														§		3.99			
South Mountain	4.29		1.76		7.04		3.85		3.02		3.30		2.78		2.95		3.96		4.43		3.18		*4.18		44.74	
GULF DRAINAGE *Ohio Basin* ALLEGHENY																										
Acmetonia	1.71	−1.79	2.20	−0.49	5.92	+2.43	3.53	+0.06	3.18	−0.51	5.40	+1.01	2.81	−1.30	3.17	−0.69	2.54	−0.78	3.15	+0.21	2.51	+0.04	4.60	+1.52	40.72	−0.24
Allens Mills	2.07		2.12		4.42		3.31		4.43		3.14		2.22		4.83		*3.11		2.74		2.27		*5.35		40.01	
Blairsville, 6 NE	1.87		2.21		4.84		3.77		6.11		5.94		4.03		2.61		2.86		3.99		2.13		4.92		45.28	
Boswell, 6 NW	2.29		3.64		7.45		5.83		6.67		4.93		4.06		3.09		4.18		5.54		3.33		5.94		56.95	
Bradford, 4 W	1.29	−1.94	2.30	−0.33	2.75	−0.48	4.14	+0.52	4.80	+1.22	6.05	+1.61	2.53	−1.28	2.56	−0.82	5.90	+1.77	3.23	−0.19	3.19	−0.31	3.32	+0.26	42.06	+0.03
Brookville, 1½ SW	2.30	−0.91	1.76	−0.69	4.15	+0.93	3.49	+0.42	6.61	+3.02	3.03	−1.24	2.85	−1.48	3.91	+0.12	1.99	−1.22	2.94	−0.01	2.11	−0.92	4.29	+1.20	39.43	−0.78
Buckstown	1.91		2.20		4.16		4.90		3.68		4.54		2.97		2.96		2.83		4.63		*2.04		3.57		40.38	
Clarion, 3 SW	2.23	−1.62	2.35	−0.24	4.71	+1.03	3.68	+0.14	6.42	+2.68	3.54	−0.62	2.51	−1.88	2.54	−1.70	3.06	−0.45	3.06	−0.18	2.32	−1.01	3.77	+0.25	40.19	−3.60

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Monthly and Annual Precipitation for the Year 1944, with Departures from the Normal—Continued.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure.	Precipitation.	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ALLEGHENY (continued)																										
Coudersport	1.09	−1.99	2.68	−0.20	.....	.....	.....	.....	.....	.....	6.42	+1.79	2.89	−1.64	*1.92	−1.57	*5.09	+1.93	3.14	−0.50	2.23	−0.47	3.86	+0.90	.....	.....
Derry	2.71	1.08	2.14	−0.95	*6.70	+2.68	4.01	+0.17	4.29	+0.46	4.93	+0.13	3.80	−0.81	3.62	−0.64	2.91	−0.23	4.77	+1.65	2.78	+0.05	6.63	+3.43	49.29	+4.86
Donegal	1.31	.....	2.91	.....	5.76	.....	5.41	.....	7.50	.....	5.02	.....	4.43	.....	2.84	.....	3.18	.....	4.55	.....	2.88	.....	6.20	.....	52.02	.....
Dunlo, ½ SW	2.50	.....	2.12	.....	4.90	.....	3.68	.....	3.01	.....	4.30	.....	3.01	.....	1.62	.....	*2.68	.....	4.17	.....	2.03	.....	*4.02	.....	38.04	.....
Ebensburg	2.57	−0.76	2.38	−0.47	5.76	+2.49	4.12	+0.64	5.10	+1.04	5.48	+0.89	2.55	−1.51	2.93	−1.10	3.35	−0.15	3.74	+0.64	2.39	−0.63	4.13	+1.17	44.50	+2.25
Ford City, 4 S	2.40	.....	1.77	.....	4.81	.....	3.02	.....	4.16	.....	5.73	.....	2.89	.....	4.32	.....	3.45	.....	3.13	.....	2.56	.....	3.90	.....	42.14	.....
Franklin	1.99	−1.54	1.98	−0.77	3.29	−0.13	3.61	+0.43	5.73	+2.15	3.94	−0.41	1.91	−2.51	1.98	−1.64	2.34	−1.17	2.99	−0.09	2.38	−0.76	3.46	+0.22	35.60	6.22
Glen Hazel, 1 NE	0.88	.....	2.60	.....	4.21	.....	3.54	.....	5.07	.....	5.79	.....	3.10	.....	2.86	.....	4.20	.....	2.47	.....	2.71	.....	3.98	.....	41.41	.....
Home	2.35	.....	1.92	.....	4.41	.....	3.14	.....	4.95	.....	§	.....	*2.59	.....	*5.23	.....	*2.78	.....	*3.33	.....	2.53	.....	4.97	.....	.....	.....
Indiana	2.50	−1.48	*1.97	−0.95	*4.86	+1.07	3.70	−0.14	4.83	+0.44	7.17	+2.47	4.87	+0.53	3.92	+0.45	3.15	−0.67	3.96	+0.57	*2.07	−0.77	*4.65	+1.24	47.65	+1.86
Johnstown, ½ W	2.53	−1.64	4.00	+0.34	8.44	+4.29	5.44	+1.39	4.76	+0.40	6.19	+1.18	3.51	−0.90	2.56	−1.91	3.31	−0.21	3.31	+0.33	2.84	−0.09	.....	.....	.....	.....
Kane, 1 N	1.53	−2.27	2.87	−0.21	3.28	−0.61	3.91	−0.05	5.36	+0.98	5.31	+0.54	3.99	+0.10	2.25	−1.48	4.81	+1.12	3.52	−0.03	2.65	−0.89	3.29	−0.21	42.77	−3.01
Kregar, 4½ SE	1.72	.....	3.06	.....	7.81	.....	6.52	.....	11.03	.....	5.51	.....	4.19	.....	2.93	.....	3.81	.....	5.28	.....	5.43	.....	7.09	.....	64.38	.....
Lycippus, 1½ E	2.36	−1.61	3.12	−0.05	6.66	+2.61	4.86	+0.91	5.39	+1.35	5.86	+1.12	5.19	+0.45	3.29	−1.01	2.99	−0.32	5.06	+1.94	3.15	+0.41	*7.19	+3.69	55.12	+9.49
Marienville	1.63	.....	2.39	.....	4.24	.....	3.48	.....	4.34	.....	3.27	.....	*1.90	.....	3.59	.....	2.99	.....	2.64	.....	*2.33	.....	*4.35	.....	37.15	.....
Meadville, 1 S	1.96	−1.30	3.81	+1.12	3.59	+0.36	4.24	+0.89	5.20	+1.19	3.07	−1.02	3.20	−0.83	3.62	−0.11	3.71	+0.09	1.69	−1.64	2.96	−0.49	3.44	+0.33	40.49	−1.41
Mosgrove	2.22	−1.61	2.22	−0.52	5.21	+1.54	3.77	+0.44	4.29	−0.86	5.00	+0.40	2.41	−2.15	2.96	−1.17	2.90	−0.29	3.05	−0.04	2.46	−0.63	5.21	+1.74	41.70	−2.55
Parkers Landing	2.19	−1.48	2.35	−0.46	4.94	+1.19	3.12	−0.46	4.59	+0.92	2.17	−1.95	3.04	−0.99	2.78	−1.15	2.98	−0.21	2.85	−0.12	2.15	−0.82	4.35	+0.86	37.51	−4.67
Pittsburgh W. B. O.	1.59	−1.46	2.08	−0.62	5.81	+2.78	3.84	+0.92	3.39	+0.18	5.24	+1.43	2.30	−1.75	5.19	+1.96	1.91	−0.67	3.00	+0.48	2.22	−0.07	5.09	+2.23	41.66	+5.41
Port Allegany	0.73	.....	2.34	.....	3.06	.....	3.30	.....	4.22	.....	5.25	.....	1.86	.....	1.88	.....	3.90	.....	2.19	.....	1.80	.....	2.42	.....	32.95	.....
Punxsutawney	2.44	−0.56	1.79	−0.53	4.56	+1.26	3.77	+0.47	6.46	+2.88	6.87	+2.45	3.68	−0.21	3.25	−0.24	4.03	+0.71	2.75	−0.30	2.17	−0.24	4.38	+1.42	46.15	+7.11
Putneyville, 2½ SE	*2.70	.....	1.92	.....	5.16	.....	4.02	.....	6.16	.....	5.58	.....	3.79	.....	3.21	.....	3.39	.....	3.21	.....	2.19	.....	4.86	.....	46.19	.....
Ridgway	1.07	−1.92	1.84	−0.52	3.63	+0.57	3.18	+0.12	4.83	+1.01	4.66	+0.48	2.31	−1.64	1.91	−1.35	3.27	+0.08	2.40	−0.64	1.94	−0.98	3.66	+0.96	34.70	3.83
Saltsburg	2.18	−1.34	2.22	−0.59	6.20	+3.07	3.31	+0.06	4.81	+1.47	3.95	−0.46	3.35	−0.68	2.83	−1.07	2.68	−0.83	4.24	+1.08	2.06	−0.29	5.98	+2.88	43.87	+3.30
Seward	2.54	.....	2.20	.....	6.15	.....	3.62	.....	4.80	.....	6.84	.....	3.79	.....	2.00	.....	4.01	.....	3.72	.....	2.34	.....	6.55	.....	48.56	.....
Sheffield, 6 W	1.30	.....	3.57	.....	3.79	.....	4.67	.....	6.58	.....	2.94	.....	1.82	.....	1.75	.....	3.89	.....	2.34	.....	2.16	.....	3.96	.....	38.77	.....
Smethport, 1 SW	*0.83	.....	2.62	.....	2.90	.....	3.43	.....	4.91	.....	§	.....	*2.38	.....	1.67	.....	4.32	.....	3.15	.....	2.35	.....	*3.20	.....	.....	.....
Strongstown	2.52	.....	2.15	.....	6.18	.....	3.75	.....	4.23	.....	5.84	.....	2.91	.....	4.01	.....	3.63	.....	2.99	.....	§	.....	3.92	.....	.....	.....
Tionesta, 1½ SE	1.98	.....	2.43	.....	3.82	.....	3.74	.....	6.44	.....	3.50	.....	1.83	.....	2.03	.....	3.05	.....	2.90	.....	2.01	.....	3.99	.....	37.72	.....
Titusville, 2 S	1.95	.....	3.49	.....	3.68	.....	4.32	.....	4.36	.....	4.41	.....	2.44	.....	2.71	.....	3.35	.....	2.43	.....	2.47	.....	3.81	.....	39.42	.....
Union City	0.96	.....	†2.75	.....	1.87	.....	4.30	.....	2.89	.....	1.51	.....	3.78	.....	2.44	.....	3.17	.....	1.50	.....	2.24	.....	3.60	.....	31.01	.....
Vandergrift	*2.17	−1.06	1.83	−0.98	4.72	+1.20	2.93	+0.08	4.99	+1.73	6.70	+2.46	2.48	−1.89	3.08	−0.82	*1.67	−1.45	4.22	+1.23	2.19	−0.35	4.70	+1.72	41.68	+1.87
Warren	1.54	−1.38	2.79	+0.22	4.97	+1.79	4.22	+0.67	4.33	+0.19	5.31	+0.89	2.26	−2.18	2.84	−0.94	6.04	+2.36	3.33	−0.07	2.73	−0.76	3.94	+0.81	44.30	+1.60
Youngsville	§	.....	*2.62	.....	3.00	.....	4.93	.....	4.45	.....	3.12	.....	2.25	.....	*2.45	.....	*5.61	.....	§	.....	§	.....	§	.....	.....	.....
MONONGAHELA																										
Confluence, 1½ NW	2.00	−1.98	3.30	+0.37	6.68	+2.83	4.41	+0.72	3.40	−0.59	5.12	+0.14	4.96	+0.38	2.01	−2.36	3.10	0.00	5.12	+2.07	2.26	−0.45	4.58	+1.03	46.94	+2.46
Connellsville	1.55	.....	1.50	.....	5.58	.....	4.63	.....	6.64	.....	3.97	.....	4.53	.....	2.69	.....	3.52	.....	5.21	.....	1.94	.....	4.45	.....	46.21	.....
Donora	1.60	−1.12	2.08	−0.16	5.77	+2.26	4.08	+0.93	3.59	+0.50	3.98	+0.62	3.82	+0.05	3.62	+0.20	1.67	−1.10	4.50	+1.86	2.32	+0.15	4.90	+2.31	41.95	+6.50
Greensboro	1.48	−1.87	2.10	−0.49	5.45	+1.79	4.58	+1.31	4.05	+0.36	4.07	−0.57	3.62	−0.81	3.15	−0.49	4.48	+1.35	5.27	+2.27	2.19	−0.41	4.67	+1.52	45.11	+3.96
Greensburg, 2 S	1.56	−1.96	2.56	−0.40	5.66	+2.15	3.78	−0.04	3.27	−0.66	4.22	−0.20	3.51	−0.21	2.38	−1.71	2.63	−0.54	4.07	+1.10	2.88	+0.39	6.37	+3.24	42.89	+1.16
Irwin	1.55	−1.39	2.49	+0.01	6.50	+3.09	3.50	+0.18	3.21	−0.06	5.24	+0.81	4.34	+0.48	3.50	−0.37	2.13	−0.70	3.98	+1.24	2.27	−0.12	5.62	+2.70	44.33	+5.87
Meyersdale	2.47	.....	2.70	.....	4.96	.....	3.46	.....	4.29	.....	5.25	.....	4.05	.....	1.47	.....	3.04	.....	4.51	.....	1.71	.....	5.03	.....	42.94	.....
Murrysville	1.87	.....	2.03	.....	4.99	.....	3.18	.....	*3.07	.....	4.90	.....	3.14	.....	2.50	.....	1.72	.....	3.86	.....	2.03	.....	5.19	.....	38.48	.....
Newell	2.31	−0.55	†2.08	−0.24	†5.72	+2.75	4.64	+1.51	3.16	0.00	3.67	−0.22	4.56	+1.29	1.87	−1.68	3.82	+1.13	3.82	+1.25	2.02	−0.50	3.38	+0.92	41.05	+5.66
Pittsburgh (Airport)	1.26	−1.79	2.26	−0.44	5.50	+2.47	3.24	+0.32	2.97	−0.24	4.60	+0.79	3.70	−0.35	4.32	+1.09	1.21	−1.37	2.96	+0.44	2.35	+0.06	6.18	+3.32	40.55	+4.30
Rice's Landing	1.48	.....	*2.21	.....	5.08	.....	4.06	.....	3.30	.....	4.29	.....	4.19	.....	4.15	.....	3.72	.....	4.34	.....	1.91	.....	4.41	.....	43.14	.....
Somerset	1.75	−2.64	3.00	−0.72	5.59	+1.29	5.09	+0.52	7.06	+2.30	6.32	+1.29	3.49	−1.13	2.16	−2.38	3.46	−0.07	4.57	+1.52	2.30	−0.94	4.90	+1.15	49.69	+0.19
Springs, 1 SW	2.34	−1.49	4.18	+0.95	5.71	+2.02	5.26	+1.23	5.28	+1.26	5.63	+0.38	4.42	+0.09	2.26	2.43	3.80	+0.46	4.86	+1.40	3.12	+0.18	5.17	+1.95	52.03	+6.00
Uniontown	1.61	−2.09	2.12	−0.75	5.53	+1.54	4.13	+0.40	6.05	+2.42	5.00	+0.28	4.43	+0.11	2.48	−2.23	3.17	+0.17	5.16	+1.79	2.33	−0.60	5.01	+1.58	47.32	+2.62
Waynesburg	1.41	−1.84	2.39	+0.10	4.91	+0.76	3.73	+0.22	3.70	−0.36	5.47	+1.22	3.71	−0.61	3.15	−1.05	3.11	−0.13	4.10	+1.24	2.15	−0.19	3.99	+1.11	41.82	+0.47
BEAVER																										
Beaver Falls	1.60	−1.35	1.44	−0.90	3.69	+0.76	2.54	−0.59	4.15	+0.85	2.12	−1.87	2.06	−1.20	3.59	+0.17	1.75	−1.23	2.84	+0.37	1.43	0.88	3.27	+0.74	30.48	−5.13
Butler	2.33	−0.62	2.64	+0.27	4.82	+1.38	3.82	+0.36	4.99	+1.61	2.70	−1.92	1.88	−2.34	3.72	−0.23	3.02	−0.13	4.50	+1.53	1.95	−0.88	4.25	+1.53	40.62	+0.56
Farrell	2.53	−0.02	1.41	−0.42	2.98	+0.23	§	.....	5.02	+1.93	3.51	+0.14	2.60	−0.99	3.65	−0.01	2.84	−0.01	1.45	−1.16	1.66	−0.68	*2.85	+0.53	.....	.....
Greenville	2.57	−0.84	1.87	−0.65	3.40	−0.02	3.99	+0.64	6.73	+3.22	2.77	−1.20	2.32	−1.79	5.06	+1.52	2.83	−0.63	1.98	−1.29	2.97	−0.03	*2.90	+0.10	49.39	−0.97
Jamestown, 2 NW	1.90	.....	2.37	.....	3.13	.....	4.83	.....	5.21	.....	3.57	.....	2.41	.....	3.07	.....	2.85	.....	1.42	.....	2.55	.....	2.21	.....	35.52	.....
Mercer (Arpt.), 2½ NE	2.15	.....	1.67	.....	3.19	.....	3.19	.....	4.28	.....	1.10	.....	2.14	.....	2.79	.....	2.40	.....	1.99	.....	2.19	.....	3.28	.....	30.37	.....
New Castle, 1½ N	2.63	0.36	1.72	−0.66	3.32	+0.29	3.89	+0.81	4.41	+1.00	3.33	−0.92	2.82	−1.27	2.72	−0.65	1.35	−1.76	2.96	+0.31	1.72	−0.73	3.45	+0.84	34.32	−3.10
Pennline, 1 S	1.72	−0.94	2.47	+0.22	3.12	+0.23	5.92	+2.59	5.35	+1.92	2.42	−1.22	1.64	−1.81	4.72	+0.94	3.47	−0.63	1.85	−1.11	2.77	−0.38	2.65	−0.11	38.10	−0.30
OHIO																										
Claysville	1.67	−1.58	2.32	−0.25	6.29	+2.78	5.35	+1.84	6.45	+2.86	3.32	−1.15	2.05	−2.10	3.41	−0.42	2.77	−0.32	3.66	+0.63	1.90	−0.55	4.15	+1.26	43.34	+3.00
Coraopolis, 1 E	1.19	−1.80	1.66	−0.79	4.71	+1.37	3.45	+0.38	2.92	−0.35	4.02	−0.56	3.85	+0.03	4.84	+1.70	4.06	+1.18	2.69	+0.01	2.33	−0.06	4.02	+1.22	39.74	+2.33
Midland	1.38	.....	1.79	.....	4.67	.....	3.59	.....	3.20	.....	3.74	.....	3.03	.....	3.34	.....	2.62	.....	3.93	.....	1.79	.....	3.33	.....	36.41	.....
Mt. Lebanon	1.50	−1.34	2.04	−0.29	5.31	+1.90	3.69	+0.31	3.43	−0.09	*4.04	−0.86	3.33	−0.26	4.25	+0.56	1.89	−0.81	3.43	+0.20	2.48	+0.24	4.62	+1.85	40.01	+1.41
Washington	1.45	.....	2.20	.....	5.72	.....	4.23	.....	3.13	.....	5.77	.....	3.20	.....	4.13	.....	*3.07	.....	*4.00	.....	*1.99	.....	4.82	.....	43.71	.....
LAKE DRAINAGE																										
Albion	.....	.....	.....	.....	.....	.....	.....	.....	3.20	.....	2.94	.....	*3.14	.....	2.12	.....	5.01	.....	1.91	.....	3.13	.....	§	.....	.....	.....
Erie	0.85	−1.92	2.22	−0.44	3.23	+0.61	5.04	+2.31	4.29	+0.89	3.91	+0.57	2.56	−0.45	3.35	+0.08	4.51	+1.12	3.95	+0.26	2.09	−1.21	4.68	+1.85	40.68	+3.67
Raymond	*1.18	.....	*2.32	.....	2.01	.....	2.91	.....	4.81	.....	6.40	.....	2.30	.....	2.24	.....	5.28	.....	*3.06	.....	2.68	.....	*3.33	.....	38.52	.....
For The State	2.12	−1.04	2.00	−0.81	4.69	+1.17	4.06	+0.62	4.28	+0.39	4.53	+0.40	2.39	−1.87	2.56	−1.61	3.85	+0.45	3.14	−0.13	2.81	−0.05	3.79	+0.69	40.22	−1.79

* Monthly amounts partially interpolated. † Interpolated. § Incomplete.

Monthly and Annual Mean Temperatures for the Year 1944, with Departures from the Normal

STATIONS.	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Albion	.....	.....	.....	.....	.....	.....	§	.....	[b]63.6	.....	[a]70.4	.....	[c]73.3	.....	[a]74.7	.....	§	.....	[b]50.6	.....	[b]44.2	.....	§	.....	.....	.....
Allentown Arpt., 4 NE.	31.0	+1.7	29.8	0.0	34.3	−3.4	46.4	−2.3	66.0	+5.5	70.6	+0.8	76.0	+1.8	73.9	+1.8	65.6	+0.8	51.4	−1.6	41.8	−0.2	27.0	−5.7	51.2	0.0
Allentown	31.3	+2.2	30.6	+1.2	35.2	−2.7	46.6	−2.1	65.8	+5.1	70.4	+0.5	75.5	+1.5	73.8	+1.9	65.4	+0.3	51.8	−1.4	43.2	+0.7	29.2	−3.0	51.6	+0.4
Altoona, 4½ W	[b]29.9	+2.4	29.6	+2.1	33.0	−4.4	45.2	−2.5	65.4	+6.6	69.0	+2.4	[e]69.6	−1.4	70 7	+1.5	62.8	−0.3	51.6	−0.5	41.0	+0.6	25.2	−4.9	49.4	+0.1
Arendtsville	32.4	+2.2	32.4	+0.9	37.1	−2.3	48.5	−1.2	67.1	+5.9	71.0	+0.2	75.4	+0.9	74.0	+1.4	66.1	+0.2	53.0	−1.2	43.0	+0.2	29.0	−4.0	52.4	+0.2
Bethlehem	31.9	+1.3	31.1	−0.2	35.8	−4.6	47.5	−3.7	64.2	+1.7	70.5	−0.1	75.6	+0.5	71.4	+1.1	64.9	−2.0	52.8	−3.0	43.6	−0.4	28.5	−5.2	51.8	−1.2
Bradford, 4 W	27.0	+2.7	23.6	−2.6	30.0	−4.6	40.8	−4.2	62.4	+6.6	67.0	+1.4	66.8	−1.8	67.6	+0.9	59.2	−1.0	47.9	−1.6	39 1	+0.2	22.2	−5.7	46.1	−0.8
Brookville	28.5	+3.8	25.2	+0.2	31.6	−1.7	42.5	−2.2	63.7	+8.2	66.9	+3.3	68.9	+0.9	68.1	+2.2	59.6	−0.9	47.8	−1.4	39.9	+2.3	23.0	−5.2	47.1	+0.7
Burnt Cabins, 2 NE	29.0	.....	[e]30.6	.....	35.2	.....	46.8	.....	[a]66.8	.....	70.2	.....	73.9	.....	[c]72.6	.....	65.2	.....	51.2	.....	41.2	.....	27 4	.....	50.8	.....
Butler	31.6	+2.2	[a]31.3	+3.0	35.8	−1.7	46.4	−1.7	66.0	+5.9	71.4	+2.8	71.9	−0.5	70.7	+0.6	62.7	−1.3	51.4	−1.5	43.4	+4.3	26.2	−5.3	50.8	+0.6
Canton, 1 NW	.....	.....	.....	.....	.....	.....	62.5	.....	64.8	.....	69.7	.....	70.1	.....	60.4	.....	47.4	.....	39.0	.....	21.6	.....	.....	.....	.....	.....
Carlisle	32.0	+3.3	32.4	+2.2	36.6	−2.1	48.0	−4.0	66.9	+5.1	70.4	−0.8	74.1	−0.2	73.0	+0.2	65.2	−0.3	51.7	−1.4	42.4	−0 8	27.3	−4.5	51.6	−0.3
Chambersburg, 1 SW	32.0	+2.2	33.3	+1.5	37.4	−2.4	48.8	−1.4	68.5	+7.2	72.0	+1.9	74.3	−0.5	73.3	+0.9	65.7	−0.6	52 6	−0.7	42.4	0.0	29.0	−4.3	52.4	+0.3
Clarion, 3 SW	29.8	.....	27.5	.....	33.4	.....	43.8	.....	65.2	.....	69.7	.....	70.8	.....	70.0	.....	61.0	.....	49.8	.....	41.0	.....	24.8	.....	49.0	.....
Claysville	30.6	−0.5	30.3	−1.3	34.6	−6.4	46.2	−4.3	65.1	+4.3	68.9	−0.4	70.0	−3.2	70.6	−1.1	62.2	−5.7	50.4	−3.7	40.3	−2.0	24.8	−8.2	49.5	−2.7
Coalport	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41.2	.....	[a]24.3	.....	.....	.....	.....	.....
Coatesville	33.4	+3.1	32.4	+1.9	37.8	−2.0	49.3	−1.0	68.5	+7.2	73.4	+3.2	78.7	+4.0	75.8	+3.1	67.8	+1.7	53.7	−0.3	44.3	+1.5	30.2	−2.7	53.8	+1.7
Columbia	32.6	.....	33.6	.....	39.4	.....	50.4	.....	69.8	.....	[a]73.0	.....	77.4	.....	75.1	.....	67.6	.....	54.0	.....	44.5	.....	30.2	.....	54.0	.....
Coudersport	26.7	+2.2	25.5	+1.3	.....	.....	.....	.....	.....	.....	66.2	+1.5	66.5	−1.7	67.0	+0.9	59.4	−0.6	46.8	−0.8	38.8	+2.1	21.8	−4.6	.....	.....
Curwensville, 6 NW	26.2	.....	24.2	.....	29.2	.....	40.8	.....	63.0	.....	64.0	.....	68.0	.....	67.2	.....	58.0	.....	46.7	.....	37.8	.....	21 5	.....	45.6	.....
Derry	33.8	+3.2	32.8	+2.8	37.8	−1.9	49.0	−0.5	68.4	+7.6	71.5	+2.5	72.6	−0.1	71.3	+2.0	65.5	+0.1	52.4	−1.8	44.2	+2.0	28.6	−3.8	52.3	+1.0
Donegal	30.3	.....	30.0	.....	34.2	.....	44.8	.....	64.2	.....	67.4	.....	68.8	.....	68.4	.....	61.3	.....	48.8	.....	40.0	.....	25.2	.....	48.6	.....
Donora	35.2	+1.2	35.8	+1.6	39.7	−1.8	50.7	−1.0	70.0	+6.7	74.6	+2.5	75.4	−0.6	74.6	+0.6	67.1	−0.9	55.4	−0.7	44.9	0.0	30 5	−5.4	54.5	+0.2
Eagles Mere	25.8	.....	23.0	.....	27.5	.....	39.6	.....	62.3	.....	62.8	.....	69.4	.....	69.4	.....	60.1	.....	46.0	.....	37.4	.....	21.6	.....	45.4	.....
East Waterford, 3 E	29.9	.....	28.2	.....	32.2	.....	44.4	.....	66.1	.....	68.2	.....	72.6	.....	71.7	.....	62.2	.....	50.2	.....	39.6	.....	24.6	.....	49.2	.....
Ebensburg	27.6	+1.7	26.2	−1.1	29.6	−5.7	42.0	−3.2	63.0	+6.6	65.2	+0.2	68.2	−0.1	67.8	+1.1	59.4	−1.8	48.0	−1.9	[a]38.5	0.0	22.4	−6.5	46.5	−0.9
Emporium, 1 E	29 0	+2.8	[b]25.6	−0.3	§	.....	[a]42.8	−3.8	[d]65.6	+7.7	[a]66.7	+0.8	§	.....	69.4	+1.7	[b]61.1	−0.4	[b]48.1	−2.0	[b]39.4	+0.1	[d]22.4	−7.0	.....	.....
Ephrata	33.4	+3.0	32.8	+2.4	38.5	−1.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.6	+1.3	53.7	−1.1	44.6	+1.2	29.8	−3.1	.....	.....
Erie	31.4	+4.6	28.7	+1.8	32.2	−1.3	42.6	−2.5	63.3	+6.5	69.2	+3.0	73.3	+2.3	73.2	+3.6	65.1	+1.5	52.8	−0.6	44.9	+3.5	28.8	−3.1	50.4	+1.6
Everett, ½ SW	30.0	+1.7	31.6	+4.3	34.6	−4.8	46.4	−2.4	66.6	+6.8	69.8	+2.4	72.2	+1.1	71.0	+1.4	63.6	+0.6	51.2	−0.8	41.2	+0.4	27.1	−2.8	50.4	+0.6
Farrell	33.6	+5.3	31.4	+3.1	37.8	+0.2	49.8	+1.1	70.4	+10.7	77.2	+7.8	71.8	−1.8	71.0	−0.3	62.4	−2.8	50.9	−2.5	40 6	−0.9	24.6	−6.7	51.8	+1.1
Ford City, 4 S	31.4	.....	29.6	.....	34.9	.....	45.8	.....	65.1	.....	70 0	.....	70.5	.....	71 0	.....	63.7	.....	53.4	.....	44.9	.....	28.8	.....	50.8	.....
Franklin	30.0	+3.5	25.8	0.0	33.6	−1.8	43.6	−2.3	64.0	+6.4	68.5	+2.3	70.5	−0 2	69 6	+1.1	61.2	−1.5	50.1	−1.1	41.6	+2.1	24.8	−4.8	48.6	+0.3
Fredericksville, 1 S	30.7	.....	29.4	.....	34.8	.....	45.8	.....	63.8	.....	67.4	.....	72.0	.....	70.7	.....	63.5	.....	50.4	.....	41.8	.....	27.2	.....	49 8	.....
Freeland	28.5	+4.3	25.8	+1.1	30.6	−2.2	42 0	−2.2	63.5	+6.9	66.4	+1.4	71.0	+1.7	71.0	+4.3	61.4	+1.3	48.9	+1 2	38.0	+0.7	24.3	−3.1	47.6	+1.3
George School	32.6	+1.3	31.6	+0.3	37.7	−1.4	48.4	−2.0	66.1	+4.8	70.7	+1.3	77.0	+2.7	75.3	+3.2	67.8	+1.4	54.6	−0.8	44.4	+0.4	30.4	−3 2	53.0	+0.6
Gettysburg	33.2	+3.1	34.4	+3.0	38.8	−1.3	50.2	−0.8	68.7	+6.9	72 0	+1.7	77.0	+2 4	76.2	+3 9	68.3	+1.7	54.2	+0 7	44.8	+2.3	30.4	−2.4	54.0	+1.8
Gordon	30.4	+3.4	28.7	+1.5	33.5	−3.1	44.5	−3.1	65.0	+6.8	67.8	+1.6	71.0	−0.5	70.8	+2.5	63.0	+0.6	50.0	−0.8	41.0	+1.0	25.5	−4.1	49.2	+0.5
Greensburg, 2 S	31.2	+0.1	32.2	+0.7	36.8	−3.1	47.4	−3.0	65.0	+4.5	[g]69.2	+0.3	69.9	−2 7	68.8	−2.1	62.0	−3.4	50.7	−3.5	42.1	−0.8	27.6	−5.5	50.2	−1.6
Hanover	33.3	+0.5	33.2	0.0	37.4	−4.9	49.2	−3.1	69.0	+5.8	71.6	+0.2	77.7	+1.9	75.1	+1.5	67.4	+0.3	53.0	−3.2	44.6	−0.4	30.6	−4.2	53.5	−0.5
Harrisburg Arpt. 3½ S	32 8	+3.8	33.0	+2.8	37.0	−1.9	48.9	−2.0	68.8	+7.0	72.0	+1.7	77.1	+2.3	75.3	+2.7	67.0	+1.2	53.7	−1.1	44.3	+1.5	29.6	−3.1	54.3	+1.2
Hawley, ½ E	26.8	+1.5	25.9	+0.1	30.9	−3 7	42.8	−2.4	63.0	+5.9	67.2	+1.2	71.8	+1.5	70 4	+2.4	61.6	+0.6	49.0	−0.3	39.0	−0.2	25.6	−3.3	47.8	+0.3
Holtwood	33.4	+1.7	33.4	+0.7	37.6	−3.6	49.6	−1.5	68.2	+5.3	72.7	+0.1	79.0	+2.0	77.0	+2.0	69.8	+0.7	56.0	−0.4	45.7	+0.6	32.1	−2.7	54.6	+0.5
Huntingdon	32.0	+3.1	31.7	+2.3	36.2	−2.4	47.4	−2.0	67.8	+7.4	71.4	+2.8	73.2	+0.8	72.6	+1.9	64.0	−0.6	51.2	−1.5	41.5	−0.2	26.8	−4.9	51.3	+0.5
Indiana	33.8	+4.5	30.9	+1.4	36.6	−2.0	[a]47.0	−2.2	67.6	+7.9	71.6	+3.7	72.5	+0 9	71.6	+1.7	64.3	−0.2	52.2	−0.3	[a]43.2	+2.0	27.2	−3.8	51.6	+1.2
Irwin	32.5	+2.2	32.2	+1.9	37.0	−2.8	48.2	−1.1	67.4	+7.2	72.2	+3.5	72.8	+0.5	72.4	+1.6	65.4	+0.7	53.3	−0.6	44.0	+1.9	27.7	−5.0	52.1	+0 8
Jamestown, 2 NW	28.0	.....	24.4	.....	30.7	.....	41.8	.....	62.6	.....	67.6	.....	69.8	.....	70.3	.....	61.5	.....	49.2	.....	40.7	.....	23.8	.....	47.5	.....
Johnstown, ½ W	31.6	+1.3	31.0	+0.5	35.2	−4.0	46.1	−3.6	65.6	+4.6	68.9	−0.5	69.9	−3.3	69.9	−1.5	62.8	−2.8	51.2	−2.5	40.9	−1.1	.....	.....	.....	.....
Kane, 1 N	25.3	.....	21.2	.....	28.5	.....	38.8	.....	60.2	.....	63.8	.....	64.9	.....	64.8	.....	57.1	.....	44.2	.....	37.6	.....	20.6	.....	44.0	.....
Lancaster	32.2	+2.1	32.8	+1.8	38.4	−1.2	49.7	+0.2	67.8	+6.6	71.6	+1.3	75 2	+1.1	73.4	+1.0	66.2	+0.6	52.5	−1.1	43.4	+0 3	29.7	−3.5	52.8	+0.8
Lawrenceville	29.6	+4.3	26.8	+2.0	31.8	−2.9	42.8	−3.1	65.2	+7.8	68.6	+2.5	70.4	0.0	71.0	+2.7	63.1	+1.4	49.5	−1.0	40.6	+0.7	24.4	−4 4	48.6	+0.8
Lebanon	31.9	+2.7	31.1	+1.4	35.5	−3.7	47.4	−2.8	68.2	+6.9	71.2	+1.4	76.8	+2.7	74.6	+2.4	66.1	+0.4	52 8	−0.9	44.0	+1.4	28.2	−4.0	52.3	+0.7
Lewistown, 2 SW	32.2	.....	31.2	.....	35.2	.....	§	.....	67.0	.....	[b]69.7	.....	72 8	.....	[a]72.8	.....	[a]64.4	.....	50.6	.....	42.9	.....	28.6	.....	.....	.....
Lock Haven	31.1	+2.9	30.6	+2.2	35.1	−3.4	46 6	−3.7	67 6	+5.8	70.6	+0.8	73.3	−0.3	73.4	+1.9	64.2	−0.7	51 3	−2.2	42.8	+0.8	26.6	−4.8	51 1	−0.1
Marcus Hook	37.4	+2.1	37.2	+1.9	41.4	−2.6	52.4	−1.9	70 8	+4.6	75 6	+0.2	82.0	+2.8	79.0	+2.3	71.2	+0.6	57.4	−1.8	48.2	+0.4	35.2	−3.4	57.4	+0.5
Martinsburg	29.2	.....	30.2	.....	33.0	.....	45.0	.....	65.2	.....	68.0	.....	71.0	.....	70.4	.....	62.2	.....	49.8	.....	40.4	.....	25.2	.....	49.2	.....
Mauch Chunk, 1 SW	[c]28.8	+1.2	[a]27.6	−0.2	[a]32.9	−4.4	[d]43.6	−5.0	[f]63.8	+4.1	[d]67.7	−0.2	[d]70.6	−1.5	[a]70.6	+0.7	62.6	−1.5	[b]48.6	−3.8	[b]39.8	−1.4	[c]25.6	−5.2	48.6	−1.3
Meadville, 1 S	29.0	+3.5	24.4	0.0	31.2	−3.6	41.9	−3.6	63.4	+6.5	68.0	+2.3	69.6	−0.1	69.4	+1.7	61.1	−1.0	48.6	−2.2	40.4	+1.4	23.4	−5.8	47.5	−0.1
Mercer, 2½ NE	28.9	.....	25.1	.....	32 0	.....	43.2	.....	63.3	.....	67.6	.....	70.2	.....	69.6	.....	61.0	.....	49.0	.....	39.8	.....	23.0	.....	47.8	.....
Middletown, 1½ W	32.2	+1.4	32.4	+0.8	37.0	−2.1	48.4	−1.2	68.0	+5.8	70.8	+0.6	76.4	+1.3	74.1	+1.2	66.4	+0.4	52.6	−1.2	43.1	−0.2	28.8	−4.3	52.5	+0.2
Midland	32.5	.....	31.9	.....	37.3	.....	48.0	.....	67.6	.....	72.4	.....	73.1	.....	72.8	.....	64.4	.....	52.5	.....	43.7	.....	27 8	.....	52.0	.....
Montrose, 3 E	25.4	+2.1	21.8	−1.1	26.0	−6.1	39.6	−4.2	[e]60.2	+5.2	64.6	+1.0	70.2	+2.0	70.0	+3.2	[b]60.8	+0.3	§	.....	36.4	+1.1	[a]21.4	−5.2	.....	.....
Mt. Lebanon	32.8	+2.4	32.4	+1.7	36.4	−1.9	48.0	−1.1	69.0	+7.9	71 8	+2.7	73.2	0.0	72.2	+1.1	64.8	−0.7	53.0	−0.8	42.8	+0.7	27.1	−5.3	52.0	+0.6
Mount Pocono, 2 N	26.0	.....	23.5	.....	27.8	.....	40.0	.....	60.0	.....	63.5	.....	68.4	.....	67.3	.....	58.9	.....	46.9	.....	36.6	.....	22.8	.....	45.2	.....
New Bloomfield	.....	.....	.....	.....	34.6	.....	47.0	.....	66.8	.....	69.9	.....	73 5	.....	73.4	.....	65.0	.....	50.8	.....	42.0	.....	26.2	.....	.....	.....
Newburg, 3½ NW	33.2	.....	32.6	.....	38.0	.....	47.6	.....	67.8	.....	71.4	.....	75.8	.....	75.0	.....	67.2	.....	53.3	.....	43.6	.....	29 7	.....	52.9	.....
New Castle, 1½ N	33.1	+5.0	31.1	+2.4	37.3	−1.5	46.8	−1.7	66.2	+6.6	72.7	+3.6	72.8	+0.2	72.6	+2.1	63.6	−0.8	53.4	+0.8	43.8	+3 4	26.8	−4.3	51.7	+1.5
Park Place, 1 NW	31.0	+1.9	29.5	+0.5	33.8	−3.3	45.6	−2.0	64.5	+4.3	68.8	+0.3	73.6	+0.1	72.4	+1.5	64.3	+0.4	50.4	−1.7	41.6	−0.4	27 3	−4.2	50.2	−0.2
Palmerton	27.2	.....	24.5	.....	29.0	.....	41.0	.....	62.2	.....	64.0	.....	70.9	.....	70.1	.....	60.6	.....	48.1	.....	36.8	.....	23.0	.....	46.4	.....
Phila. (Airport)	34.0	+2.9	33.8	+1 3	38 5	−0.6	49.4	−1.2	67.4	+5 3	72.2	+1.6	78.4	+3.1	75.4	+2.1	68.6	+2.7	54.7	−0.8	45.6	+1.7	32.2	−2.4	54.2	+1.3
Phila. (City Office)	36.0	+3.4	35.6	+1.7	40.0	−0.8	50.2	−1.9	68.2	+5.3	72.6	+1.2	79.4	+3.2	76.8	+2.0	70.0	+2.0	57.2	−0.6	47.3	+1.6	33.7	−2.6	55.6	+1.2
Phila. Shawmont	34.0	+2.2	34.2	+0.9	39.2	−3.0	50.0	−2.0	68.0	+4.6	72.8	+0.3	77.6	+1.2	75.6	+1.4	68.6	+0.5	55.0	−1.1	45.4	+0.2	31.6	−3.7	54.4	+0.2
Philipsburg, 7 E	26.1	.....	25.4	.....	28.4	.....	40.2	.....	60.9	.....	63.2	.....	65.6	.....	64 5	.....	57.6	.....	45.2	.....	37 4	.....	20 5	.....	44.6	.....
Phoenixville, 1½ SE	33.6	+2.7	34.3	+2.0	39.3	−1.8	50.4	−1.5	67.6	+5.4	71 9	+0.1	78.1	+2.4	75.6	+1.8	69.2	+2.2	55.0	−0.3	§	.....	31.2	−2.7	.....	.....
Pittsburgh (Airport)	32.8	+4.6	32.3	+2.4	36.0	−1.2	48.4	−0.8	69.0	+8.8	71 4	+2.8	73.8	+0.8	72.2	+0.9	64.6	−0 1	53.0	−1.1	42.6	+1 4	27.6	−4.4	52.0	+1.2
Pittsburgh (City Office)	35.0	+4.3	34.2	+1.9	38.2	−1.4	50.0	−1.2	70.6	+8.2	73.8	+3.1	76.0	+1.4	74.8	+1.9	66.4	0.0	55.0	−0.7	45.0	+1.8	29.8	−4.4	54.0	+1.2
Port Clinton	30.4	+1.5	29.2	−0.2	33.8	−4.6	45.5	−4.2	64.0	+2.9	67 8	−1.4	73.2	−0.1	71.3	0.0	63.8	−1.5	50.2	−3.3	42.2	+0.3	27.4	−4.7	49.9	−1.3
Putneyville, 2½ SE	31.0	.....	29.0	.....	35.0	.....	44.4	.....	65.8	.....	70.6	.....	71.2	.....	70.2	.....	61.8	.....	50.5	.....	41.6	.....	25 0	.....	49.7	.....
Quakertown, ½ E	29.6	+2.8	29.6	+0.8	35.0	−2.3	46.2	−2.4	63 8	+4.2	68.5	+0 1	75 3	+2.7	74.0	+3.7	64.4	+0.5	50.3	−2.0	41 4	0.0	27.4	−4.0	50.4	+0.3
Reading	34.2	+3.0	33.2	+2.6	37.9	−2.7	49 1	−1.6	68.4	+6.4	71 9	+1.5	78.2	+2.8	76.0	+3.1	67.6	+1.0	54.6	−0.9	45.0	+1.2	31.0	−3.2	53.9	+1.1
Ridgway	27.3	+2.1	23.4	−1.9	30 3	−3.2	41.2	−4.0	63.1	+7.4	66 6	+2.4	68.0	+0.3	67.2	+0.1	58.7	−1.3	46.6	−2.1	39.2	+1.1	21.8	−6.4	46.1	−0.5
Scranton	30.6	+4.0	28.6	+1.3	33.4	−2.3	45.0	−3.1	66.0	+6.6	68.8	+1.0	73.7	+2.0	72.8	+3.0	64.2	+1 3	50 6	−1.3	41.0	+0.5	27.2	−3.5	50.2	+0.8
Selinsgrove	32.6	+3.7	31.5	+3.0	36.0	−2.5	47.0	−2.4	66.6	+5.9	69.8	+0.7	73.4	0.0	73.2	+1.8	64.8	−0.1	51.3	−1.6	42.2	+0.4	26.2	−5.6	51.2	+0.3
Somerset	29.5	+2.8	29.9	+2.8	34.0	−1.9	44.7	−1.4	63.3	+6.7	67.6	+2.4	67.8	−0.8	67.4	+0.4	60.4	−0.4	48.9	−0.4	39.0	+0.4	25.2	−3.8	48.2	+0.6
Springs, 1 SW	28.5	+1.8	29.6	+1.9	32.4	−3.7	43.2	−2.2	61.6	+6.3	65.2	+1.3	65.6	−2.0	65.6	−0.5	59.0	−1.1	48.5	−1.0	37.6	−1.0	24.4	−5.4	46.8	−0.4
State College	30.2	+3.3	30.0	+3.2	33.9	−2.2	45.6	−2.1	66.4	+7.5	69.1	+2.3	72.8	+3.2	71.8	+3.0	62.4	−0.4	50.5	−0.8	42.0	+1.9	25.9	−4.1	50.0	+1.2
Stroudsburg, 2 E	31.0	+3.8	30.5	+3.1	35.8	−0.6	46.5	−1.5	66.6	+7.8	71.2	+4.4	74.2	+2.3	72.9	+3.0	65.0	+2.3	52 6	+0.7	42.0	+1.1	28.2	−2.4	51.4	+2.0
Tamarack, 2 S	26.4	.....	23.7	.....	28.1	.....	39.6	.....	62.8	.....	63.3	.....	67.6	.....	68.2	.....	58.3	.....	46 8	.....	37.2	.....	21.2	.....	45 3	.....
Tionesta, 1½ SE	29.2	.....	26.2	.....	33.3	.....	43.2	.....	64.2	.....	69.0	.....	70.1	.....	70 4	.....	61.3	.....	47.6	.....	39 2	.....	21.6	.....	48.0	.....
Titusville, 2 S	30.0	.....	25.8	.....	32.5	.....	42.6	.....	63.6	.....	68.0	.....	69.4	.....	69.3	.....	61.8	.....	50.2	.....	41.2	.....	23.6	.....	48.2	.....
Towanda, 1 E	29.8	+4.0	27.7	+2.6	32.6	−2.5	44.1	−2.2	65.1	+7.6	67 9	+2.1	71.3	+0 8	71.5	+3.0	63.8	+1.5	49.3	−1.5	41.0	+1.2	25.3	−3.8	49.1	+1.1
Uniontown	35.0	+2.4	36.4	+3.7	40.1	−1.3	51.4	+0.2	68.8	+6.8	72.5	+2.4	72.6	−0.8	72.5	+0.6	67.0	+1.8	55.2	+0.4	44.8	+1.0	30.0	−5.1	53.8	+1.0
Vandergrift	33.2	+2.3	33.3	+1.5	37.8	−2.1	49.2	−1.0	68.8	+8.0	72.9	+3.5	73.4	0.0	72.6	+1.1	64.6	−0.7	52.4	−1.5	44.0	+1.3	29.2	−4.4	52.6	+0.7

(Continued on page 103)

Monthly and Annual Mean Temperatures for the Year 1944, with Departures from the Normal—Continued.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November.		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
Warren	28 7	+2.9	25.1	+0.2	32.1	−2.2	41.5	−3.5	63.7	+7.2	67.8	+2.5	68.8	−1.0	69.6	+1.9	61.6	−0.6	49.6	−1.4	41.0	+1.7	23.8	−4.9	47.8	+0.3
Waynesburg	32.6	−0 8	34.5	+1.8	37.8	−2.6	49.2	−1.2	66.4	+4.2	70.8	+0.1	71.0	−2.7	70.2	−1.9	63.0	−2.9	52.6	−2.1	42.0	−1.4	27.0	−7.2	51.4	−1.4
Wellsboro	27.4	+3.2	23.8	−1.2	28.8	−4.1	39.2	−5.3	61.8	+5.4	64.8	+0.3	68.2	−0.7	67 6	+1.2	60.0	+0.1	46.0	−2.9	38.6	+1.0	21.0	−7.0	45.6	−0.8
West Chester	33.8	+3.2	33.4	+2.8	38.8	−0.3	49.2	−0.7	67.0	+6.1	71.2	+1.5	76 2	+1.8	74.2	+2.0	67.8	+2.1	54.2	−0.4	44.6	+1.4	30.8	−2.6	53.4	+1.4
Wilkes-Barre(Airport)	29.8	.....	28.3	.....	32.8	.....	44.6	.....	65.4	.....	68.6	.....	72.8	.....	71.5	.....	63.4	.....	49.6	....	41.0	.....	26.6	.....	49.6	.....
Williamsport	30.5	+2.8	31.0	+3.1	35.4	−2.1	46.8	−2.1	67.4	+6.9	70.6	+1.6	73.5	+0.2	73.4	+2.4	64.9	+0.5	50.7	−1.9	42.6	+1.4	§	.....	.....	.....
Williamstown	[a]31.8	+3.1	30.3	0.0	36.0	−2.8	47.0	−2.3	66.2	+6.0	69.0	+0.7	72.0	−0.7	71.8	+1.0	[a]64.7	0.0	51.4	−2.0	42.0	−0.1	26.1	−5.4	50.7	−0.2
Woodward, 2 NE	27.1		25.4	.....	29.0	.....	41.2	.....	63.4	.....	64.1	.....	69.8	.....	69.6	.....	60.0	.....	47.6	.....	37.6	.....	22.5	.....	46.4	.....
York, 3 SW	33 6	+3.3	34.4	+3.1	39.2	−1.4	50.1	−0.8	69.6	+8.1	73.2	+3.0	76.4	+1.9	75.5	+2.9	68.6	+2.3	54.9	+0.8	45.1	+1.9	30.6	−2.8	54.3	+1.9
For The State	30 6	+2.2	29.4	+1.0	34.4	−3.1	45.5	−3.1	65.6	+5.8	69.3	+1.1	72.2	0.0	71.5	+1.2	63.4	−0.7	50.8	−1.7	41.6	+0.3	26.3	−5.0	50.0	−0.2

Reference letters, as a, b, c., in table indicate number of days missing; for example, b represents 2 days. § Incomplete.

COMPARATIVE ANNUAL DATA FOR THE STATE

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	47.9	100	−31	45.91	39.7	130	110	116	140
1889	49.8	96	−27	52.67	22.3	136	112	113	140
1890	50.5	101	−18	51.28	55.5	141	106	116	143
1891	50.6	100	−14	45.65	34.1	124	124	108	133
1892	49.3	103	−28	41.30	54.0	125	123	106	137
1893	48.7	102	−25	44.26	61.6	126	116	120	129
1894	51.3	103	−28	43.69	63.1	117	132	116	117
1895	49.4	104	−25	33.51	39.7	104	143	115	107
1896	50.5	101	−26	41.95	42.4	114	124	113	129
1897	50.0	103	−12	42.73	37.2	124	128	106	131
1898	51.3	107	−16	45.49	38.8	130	123	107	135
1899	50.0	101	−39	40.93	47.9	112	134	111	120
1900	51.5	104	−23	37.31	33.3	111	130	114	121
1901	49.4	107	−22	45.54	35.4	123	118	111	136
1902	49.6	100	−24	47.29	60.3	125	123	115	127
1903	49 6	99	−17	46.27	37.3	121	130	105	130
1904	47.5	99	−42	40.44	50.8	127	133	104	129
1905	49.4	99	−25	43.34	40.9	128	133	109	123
1906	50.8	99	−21	42.78	45.0	129	128	104	133
1907	48.5	98	−23	45.45	54.5	132	136	102	127
1908	50.9	104	−29	39.58	51.4	108	157	104	105
1909	50.2	100	−19	37.38	41.4	117	140	102	123
1910	49.9	99	−22	38 99	67.6	119	135	99	131
1911	51.1	105	−18	45.52	39.2	133	131	93	141
1912	49.0	100	−35	44.13	38.6	126	133	99	134
1913	51.7	102	−9	43.25	24.4	125	148	84	133
1914	49.3	101	−28	38.24	64.2	122	144	97	124
1915	50.1	99	−26	44.26	42.8	131	141	99	125
1916	49.6	103	−31	40.98	51.4	133	153	100	113
1917	47.3	105	−29	41.71	45.6	130	143	110	112
1918	50.2	108	−34	44.06	43.4	124	156	98	111
1919	51.1	104	−23	46.86	26.2	136	152	96	117
1920	49.2	99	−23	40.63	46.0	101	146	102	118
1921	53.1	104	−15	41.80	30.2	130	155	96	114
1922	51.4	100	−19	34.88	39.1	119	155	97	113
1923	50.4	103	−20	39.17	40.7	125	158	91	116
1924	48.4	102	−25	43.13	44.1	123	151	97	118
1925	50.3	104	−29	37.86	44.2	124	149	101	115
1926	48.7	105	−20	43.11	49.8	135	136	99	130
1927	50.9	100	−24	42.30	30.3	140	142	91	132
1928	50.5	99	−23	42.06	37.8	131	145	102	119
1929	50.5	101	−20	44.21	36.7	129	144	99	122
1930	51.2	108	−24	28.82	27.6	110	153	94	118
1931	52.8	105	−16	37.36	22.5	123	151	94	120
1932	51.6	105	−14	39.02	27.8	121	152	92	122
1933	51.7	107	−22	45.43	33.1	135	146	96	123
1934	50.6	107	−34	39.17	30.4	118	159	95	111
1935	50.2	104	−26	40.43	49.7	136	138	92	135
1936	50.4	111	−30	42.57	50.1	127	147	93	126
1937	50.7	101	−14	46.62	27.1	139	134	96	135
1938	51.8	100	−20	40.31	30.1	131	142	95	128
1939	51.7	101	−18	37.06	33.8	126	142	97	126
1940	48.6	105	−19	43.71	47.9	133	120	94	152
1941	51.3	104	−15	34.12	42.4	112	146	95	124
1942	50.5	102	−30	47.84	51.0	137	125	102	138
1943	49.5	102	−27	38.04	38.8	130	125	109	131
1944	50.0	103	−26	40.22	53.8	136	118	111	137
1945	.....	.....	...	.....	.....	.....	.....	.....	.....
Period	50.2	111	−42	42.01	42.0	126	137	102	126

KILLING FROSTS OR FREEZING TEMPERATURE

Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn
Allentown	Apr. 14	Oct. 15	Lock Haven	Apr. 29	Oct. 16
Altoona	Apr. 30	Oct. 15	Mauch Chunk	Apr. 30	Oct. 16
Bradford	Apr. 30	Sept. 24	Meadville	Apr. 29	Sept. 24
Brookville	Apr. 30	Oct. 15	Midland	Apr. 29	Sept. 24
Butler	May 1	Oct. 16	Montrose	May 19	Sept. 24
Carlisle	Apr. 29	Oct. 16	New Castle	Apr. 30	Sept. 24
Chambersburg	Apr. 29	Oct. 16	Philadelphia	Apr. 6	Oct. 16
Clarion	Apr. 30	Oct. 16	Phoenixville	Apr. 14	Oct. 16
Claysville	Apr. 29	Oct. 15	Pittsburgh	Apr. 13	Oct. 16
Coatesville	Apr. 14	Oct. 16	Port Clinton	Apr. 29	Oct. 16
Curwensville	Apr. 28	Oct. 15	Quakertown	Apr. 14	Oct. 16
Eagles Mere	Apr. 29	Oct. 15	Reading	Apr. 6	Oct. 16
Emporium	Apr. 28	Oct. 16	Ridgway	May 1	Sept. 24
Erie	Apr. 18	Oct. 28	Scranton	Apr. 19	Oct. 16
Everett	Apr. 30	Oct. 16	Selinsgrove	Apr. 28	Oct. 16
Ford City	Apr. 30	Oct. 16	Somerset	Apr. 30	Oct. 16
Franklin	May 1	Oct. 15	Springs	Apr. 30	Oct. 16
George School	Apr. 14	Oct. 16	State College	Apr. 29	Oct. 16
Gettysburg	Apr. 6	Oct. 16	Stroudsburg	May 19	Oct. 16
Gordon	Apr. 29	Oct. 16	Towanda	Apr. 29	Oct. 16
Greensburg	Apr. 29	Oct. 16	Uniontown	Apr. 29	Oct. 16
Harrisburg	Apr. 6	Oct. 16	Warren	Apr. 30	Sept. 24
Hawley	May 19	Oct. 16	Waynesburg	May 8	Oct. 16
Huntingdon	Apr. 30	Oct. 16	Wellsboro	May 20	Sept. 24
Indiana	Apr. 30	Oct. 16	West Chester	Apr. 6	Oct. 16
Johnstown	Apr. 29	Oct. 16	Williamsport	Apr. 29	Oct. 16
Lancaster	Apr. 14	Oct. 16	York	Apr. 14	Oct. 16
Lawrenceville	May 19	Sept. 24			
Lebanon	Apr. 14	Oct. 16			

MONTHLY STATE DATA

Month	Temperature						Precipitation					
	Mean	Dep. from normal	Highest sta. mean	Lowest sta. mean	Highest	Lowest	Average	Dep. from normal	Greatest	Least	Greatest in 24 hrs.	Average snow
January	30.6	+2.2	37.4	25.3	68	−12	2.12	−1.04	4.29	0.35	3.08	4.3
February	29.4	+1.0	37.2	21.2	67	−18	2.00	−0.81	4.18	0.90	1.72	9.4
March	34.4	−3.1	41.4	26.0	79	− 6	4.69	+1.17	8.44	1.87	2.05	11.8
April	45.5	−3.1	52.4	38.8	81	6	4.06	+0.62	6.52	2.24	2.20	2.5
May	65.6	+5.8	70.8	60.0	95	27	4.28	+0.39	11.03	1.18	4.36	T.
June	69.3	+1.1	77.2	62.8	100	29	4 53	+0.40	8.20	1.10	3.06	0
July	72.2	0.0	82.0	64.9	100	37	2.39	−1.87	5.19	0.05	2.42	0
August	71.5	+1.2	79.0	64.5	103	30	2.56	−1.61	6.33	0.81	3.42	0
September	63.4	−0.7	71.2	57.1	100	23	3.85	+0.45	8.07	1.08	3.90	0
October	50.8	−1.7	57.4	44.2	90	12	3.14	−0.13	5.67	1.03	2.84	T.
November	41.6	+0.3	48.2	36.4	78	7	2.81	−0.05	6.50	1.26	2.00	3.2
December	26.3	−5.0	35.2	20.5	60	−26	3.79	+0.69	7.19	1.77	2.50	22.6
Year	50.0	−0.2	82.0	20.5	103	−26	40.22	−1.79	11.03	0.05	4.36	53.8

ERRATA

January, 1944.—Page 2, Titusville total precipitation should be 1.95 inches.

March, 1944.—Page 18, Freeland total precipitation should be §4.61 inches, departure should be +0.50 inch.

(W.B.O., Philadelphia, Pa.—4-20-45—1050)

COOPERATIVE AND RAINFALL OBSERVERS

Stations	Observers
Acmetonia	U. S. Engineers.
Albion	Samuel D. Lewis.
Allens Mills	Fed-State Flood Fcstg Ser.
Allentown Airport	U. S. Weather Bureau.
Allentown	Allentown-Beth. Gas Co.
Altoona	City of Altoona.
Ansonia	E. N. Jenckes.
Arendtsville	Pa. St. Col. Expt. Sta.
Austinburg	U. S. Engineers.
Beaver Falls	H. J. Kemp.
Berwick	Berwick Enterprise.
Bethlehem	Lehigh University.
Blairsville	U. S. Airway Station.
Blakeslee Corners	Fed-State Flood Fcstg Ser.
Bloserville	Mrs. Bessie M. Willders.
Boswell	Frank J. Houpt.
Bradford	City of Bradford
Breezewood	Penna. Turnpike Comm.
Brookville	Civil Aeronautics Auth'y.
Buckstown	Fed-State Flood Fcstg Ser.
Buffalo Mills	Nelle R. Brown.
Burnt Cabins	Penna. Turnpike Comm.
Butler	The Butler Eagle.
Canton	Mrs. E. Dillon Stone
Carlisle	Clarence E. Miller.
Carrolltown	Maurus P. Westrick.
Carter Camp	Fed-State Flood Fcstg Ser.
Cedar Run	Chas. R. Nivison.
Centerville	Mrs. Nancy Halstead
Chambersburg	Wm. B. Spear.
Clarion	Penna. Electric Co.
Claysville	Walter B. Paget.
Clearfield	Wm. H. Witherow.
Coalport	Adam I. Neff.
Coatesville	Howard L. Pyle.
Columbia	James H. Rust.
Confluence	John L. Reid.
Connellsville	E. C. Steward.
Conshohocken	Russell C. Erb.
Coraopolis	U. S. Engineers.
Corry	J. Fred Kinley.
Coudersport	Potter Enterprise
Covington	Grover Cleveland
Curwensville	U. S. Weather Bureau.
Danville	Fed-State Flood Fcstg Ser.
Dauphin	Fed-State Flood Fcstg Ser.
Derry	Miss. N. Dixie Wineman
Dingmans Ferry	Geo. E. Darragh.
Donegal	Penna. Turnpike Comm.
Donora	Donora Zinc Works.
Doylestown	Geo. Hart.
Driftwood	Fed-State Flood Fcstg Ser.
Dunlo	Fed-State Flood Fcstg Ser.
Dushore	Fed-State Flood Fcstg. Ser.
Eagles Mere	Carl E. Bigger.
East Waterford	U. S. Weather Bureau.
Ebensburg	Miss Emma H. Eastman.
Emporium	Mrs. Helen C. Haas.
English Center	Fed-State Flood Fcstg Ser.
Ephrata	Ephrata Review
Erie	U. S. Weather Bureau.
Everett	Penna Turnpike Comm.
Farrell	Carnegie-Ill. Steel Corp.
Ford City	U. S. Engineers.
Franklin	William K. Fuller.
Fredericksville	Henry H. Rohrbach.
Freeland	Andrew B. Evansha.
Galeton	W. Gale Lush.
George School	N. W. Swayne.
Gettysburg	Dr. Henry Stewart.
Glen Hazel	Lynn B. Rosenkrans.
Glen Rock	U. S. Engineers.
Gordon	Miss Sallie M. Johnson.
Gouldsboro	L. H. Ellenberger.
Grantville	Edward N. Rhoads
Graterford	C. K. Kulp.
Greensboro	U. S. Engineers.
Greensburg	Westmoreland Water Co.
Greenville	C. Earl Miller.
Hanover	Hanover Evening Sun.
Harrisburg	U. S. Weather Bureau.
Hawley	Mrs. Della M. Pennell.
Hewitt	Miss. Marie E. Roland.
Hollisterville	Penn. P. & L. Co.
Holtwood	Penna. Water & Power Co.
Home	Fed-State Flood Fcstg Ser.
Huntingdon	Paul R. Yoder Jr.
Huntsdale	T. J. Dingle.
Hyndman	W. J. Emerick.
Indiana	Indiana St. Teachers Col.
Irwin	Westmoreland Water Co.
Jamestown	Pa. Dept. Forests & Waters
Johnstown	Robert Tross.
Kane	Spring Water Co.
Karthaus	Mrs. Emma H. Shultz
Kirkwood	Soil Conservation Service.
Kregar	Penna. Turnpike Comm.
Lakeville	Penn. P. & L. Co.
Lancaster	City of Lancaster
Lansford	Lehigh Nav. Coal Co.
Lawrenceville	Carlos P. Darling.
Lebanon	Lebanon Valley Gas Co.
Lewistown	Penna. Dept. of Highways
Lock Haven	Wm. R. Kelley.
Lycippus	Westmoreland Water Co.
Mapleton Depot	Mrs. Ivy S. Buchanon.
Marcus Hook	Sun Oil Co.
Marienville	U. S. Forest Service.
Martinsburg	U. S. Weather Bureau
Matamoras	Henry Bisland.
Mauch Chunk	Henry S. Haak.
McConnellsburg	Ruth L. Roettger.
McConnellstown	Fed-State Flood Fcstg Ser.
Meadville	City of Meadville.
Medix Run	Fed-State Flood Fcstg Ser.
Mercer	U. S. Weather Bureau.
Mercersburg	Rollin P. Gilbert
Meyersdale	Louis M. Weld.
Middletown	U. S. Army.
Midland	Perry B. Campbell.
Millersburg	Fed-State Flood Fcstg Ser.
Millville	Fed-State Flood Fcstg Ser.
Milroy	John Meeker
Monroeton	Fed-State Flood Fcstg Ser.
Montrose	Harry S. Fancher.
Mosgrove	U. S. Engineers.
Mt. Lebanon	Fred Hoffman.
Mount Pocono	U. S. Weather Bureau.
Murrysville	Wm. H. McWilliams.
Neffs Mills	Fed-State Flood Fcstg Ser.
New Bloomfield	J. Earl Sheaffer
Newburg	Penna. Turnpike Comm.
New Castle	New Castle Water Co.
Newell	General Chemical Co.
New Park	C. J. Allen.
Newport	Frederick A. Fry
New Tripoli	F. C. Oswald.
Orwell	William I. Brown
Palmerton	New Jersey Zinc Co.
Parkers Landing	Wm. C. Dean.
Park Place	U. S. Weather Bureau.
Pennline	Miss Retta M. Crumb.
Philadelphia	U. S. Weather Bureau.
Phila-Shawmont	Geo. E. Wright.
Philipsburg	U. S. Weather Bureau.
Phoenixville	Phila. Sub- Water Co.
Pikes Creek	Fed-State Flood Fcstg Ser.
Pine Grove	Penn. P. & L. Co.
Pittsburgh	U. S. Weather Bureau.
Pleasant Mount	Merle Lillie.
Port Allegany	Charles A. Lewis.
Port Clinton	E. E. Rarick.
Pottstown	Lewis F. Christman.
Pottsville	Pottsville Water Co.
Punxsutawney	Torrence W. Prescott
Putneyville	U. S. Engineers.
Quakertown	John E. Benner.
Raymond	Fed-State Flood Fcstg Ser.
Reading	U. S. Weather Bureau.
Renovo	Mrs. C. W. Baird.
Rices Landing	U. S. Engineers.
Ridgway	West Penn. Power Co.
Ringtown	Shen'doah M'c'p'l Auth'y.
Rush	Henry Litwin
Saltsburg	Walter B. Sullivan.
Saxton	Fed-State Flood Fcstg Ser.
Scranton	U. S. Weather Bureau.
Selinsgrove	Dr. George E. Fisher.
Seward	Edward L. Stutzman.
Shade Gap	Fed-State Flood Fcstg Ser.
Shamokin	Roaring Creek Water Co.
Shaver Creek	Penna. State College.
Sheffield	Fed-State Flood Fcstg Ser.
Shippensburg	Keith B. Allen.
Smethport	Fed-State Flood Fcstg Ser.
Somerset	D. L. Grove.
South Mountain	Pa. Dept. of Health.
Springs	Allen E. Yoder.
State College	Penn State College.
Strongstown	Harry F. Bennett.
Stroudsburg	Metropolitan-Edison Co.
Sunbury	Chas. W. Baylor.
Susquehanna	Raymond J. Holleran
Tamarack	James E. Swartz.
Tanners Falls	Leslie E. Walter.
Tionesta	U. S. Engineers.
Titusville	U. S. Weather Bureau
Towanda	Mrs. M. Ordelia Parks.
Tunkhannock	Fed-State Flood Fcstg Ser.
Tyrone	Fed-State Flood Fcstg Ser.
Union City	Fed-State Flood Fcstg Ser.
Uniontown	Wm. W. Marsteller.
Vandergrift	Carnegie-Ill. Steel Corp.
Wallenpaupack Dam	Penna. P & L Co.
Warren	Merrell L. Jordan.
Washington	Fed-State Flood Fcstg Ser.
Waynesburg	Thomas S. Knox.
Wellsboro	Maynard S. Bliss.
Wernersville	J. H. Thompson.
West Chester	Clyde T. Saylor.
Westgrove	Conard-Pyle Co.
Wilkes-Barre	Civil Aeronautics Auth.
Williamsport	John D. McEwen.
Williamsport, 4 SE.	Fed-State Flood Fcstg Ser.
Williamstown	Gordon Lower.
Woodward	U. S. Weather Bureau.
York	York Water Co.
York Haven	Metropolitan-Edison Co.
Youngsville	Fed-State Flood Fcstg Ser.
Zionsville	J. H. Weinberger.

WEATHER BUREAU AND COOPERATIVE STATIONS, 1944



551.05
LINP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA

VOL. L. JANUARY 1945. No. 1.

GENERAL SUMMARY.

Severe winter conditions experienced in western counties in the previous month gripped the whole State during January, and dispelled a prevalent belief that old fashioned winters were a thing of reminiscence. As this was the fourth snowiest and sixth coldest January of record, numerous periods of high winds combined to harass mankind and curtail war production by building great snowdrifts, disrupting all kinds of transportation, and bringing outdoor work to a standstill. Icy roads and streets kept automobile traffic at a minimum, but pedestrian accidents were unusually high. It is probable that there were more fractured bones reset than in any similar period. The snowfall, averaging 22.6 inches, equalled the December fall, and brought the total for the winter to 45.2 inches, the greatest for any two consecutive months in the period of record.

The storm of the 15-16th in the eastern portion of the State caused six deaths and was the worst of the month, and of particular note in the vicinity of Harrisburg, where 21.0 inches of snow fell in 24 hours, the greatest fall of record. Except at Gouldsboro, 24-hour depths were generally less, but highway crews were unable to keep roads clear. Transportation was slowed to a crawl, and production was impeded as workers were unable to get to work. Two collieries in Pottsville shut down, and schools cut their sessions short so the children could get home. Many rural schools remained closed for the balance of the week as the snow drifted, on the night of the 16th, and blocked many roads which, until then, had been passable.

Wind and cold were governing factors for the balance of the month, as the snow drifted repeatedly and limited progress in reopening roads. As the month closed, highway crews had reopened all but 5% of the rural roads in the southwest, but in northern counties 60% remained impassable. The severe weather during the latter half had serious consequences as householders kept fires roaring to combat the cold and wind. The unusual strain on the heating systems caused many serious fires, which resulted in a number of deaths. In rural areas, firemen could not get their apparatus through the blocked roads, and the homes were burned to the ground.

Snow melt and moderate rain caused minor flooding on the Monongahela on the 2d. A slight rise on the lower Susquehanna caused some ice movement and backwater, due to ice jamming in the vicinity of Columbia, forcing the water company to close down for four days, due to a stage only one foot below the crest of March 1936. Restrictions on the use of water from the limited reserve forced vital war industries in the area to suspend operation.

Farm activities were limited to chores during January, but the heavy snow cover provided excellent protection for winter grains and new grass seedings.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 20.4°, which is 7.8° below the 58-year normal for January. The highest monthly mean was 29.0° at Harrisburg Airport, and the lowest was 12.9° at Kane. Extremes ranged from a maximum of 58° at Marcus Hook and Philadelphia Airport on the 1st, to a minimum of −28° at Kane on the 25th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 197 stations, was 2.68 inches, which is 0.48 inch below the 58-year normal for January. The greatest monthly amount was 5.45 inches at Montrose, while the least was 1.04 inches at Jamestown. The greatest amount recorded in any 24 consecutive hours was 2.54 inches at New Park on the 16th.

The average snowfall for the State was 22.6 inches, which is 12.0 inches above the 58-year normal. The greatest monthly snowfall was 57.7 inches at Montrose. The greatest fall for any observational day was 21.0 inches at Gouldsboro and Harrisburg on the 15-16th.

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	23.2	61	−19	4.19	14.0	13	5	11	15
1889	29.4	68	−5	3.54	7.8	10	9	13	9
1890	37.5	77	−2	3.04	1.8	14	7	8	16
1891	30.5	64	−4	3.64	9.8	12	6	10	15
1892	26.2	66	−28	4.77	13.5	12	8	8	15
1893	19.0	57	−25	2.85	18.0	12	7	10	14
1894	32.8	65	−9	2.29	7.2	10	9	9	13
1895	24.2	58	−17	4.17	14.2	13	7	10	14
1896	27.6	60	−15	1.43	3.4	6	8	9	14
1897	25.6	74	−25	2.15	11.0	10	8	8	15
1898	30.7	67	−16	4.25	11.0	13	6	8	17
1899	26.6	66	−21	3.05	10.3	10	12	8	11
1900	29.8	63	−8	2.64	5.3	10	8	9	14
1901	29.1	59	−10	2.22	8.6	11	8	8	15
1902	25.6	58	−13	2.80	11.5	9	8	9	14
1903	26.9	68	−13	3.31	11.7	11	6	8	17
1904	20.0	66	−42	3.55	20.4	12	10	6	15
1905	23.8	69	−21	3.70	21.2	12	8	8	15
1906	35.0	85	−4	2.53	4.5	11	10	8	13
1907	30.0	75	−23	4.36	13.2	15	6	7	18
1908	28.4	59	−18	2.68	11.4	9	12	8	11
1909	31.2	72	−19	2.92	12.8	13	9	6	16
1910	27.2	56	−22	5.55	26.0	14	7	5	19
1911	31.6	70	−5	3.54	4.5	13	8	5	18
1912	18.6	57	−35	1.92	13.6	12	8	7	16
1913	36.5	65	3	4.95	4.5	16	9	6	16
1914	30.2	81	−27	3.37	11.7	11	7	7	17
1915	28.3	62	−26	5.56	14.7	13	10	6	15
1916	34.2	76	−12	2.42	1.8	12	9	8	14
1917	27.9	69	−18	3.60	4.2	13	11	8	12
1918	16.2	57	−29	3.51	25.2	12	10	8	13
1919	32.0	64	−15	2.53	6.2	8	14	8	9
1920	20.9	59	−23	2.47	10.0	10	9	8	14
1921	31.0	63	−13	2.58	4.4	10	12	7	12
1922	25.0	62	−19	2.26	16.0	8	14	7	10
1923	29.1	62	−17	4.26	17.6	14	6	6	19
1924	28.1	65	−13	4.34	3.6	8	11	8	12
1925	25.2	55	−29	3.53	29.4	10	11	7	13
1926	27.8	66	−19	2.80	10.5	11	9	9	13
1927	27.4	61	−24	2.90	5.7	13	9	6	16
1928	29.8	65	−23	2.08	6.8	9	12	8	11
1929	27.3	73	−20	3.37	7.6	12	9	9	13
1930	29.2	72	−24	2.25	8.4	12	8	8	15
1931	30.0	65	−12	1.46	4.4	7	12	9	10
1932	40.5	79	9	4.51	1.3	14	7	6	18
1933	37.0	71	−6	2.00	1.9	8	12	7	12
1934	32.2	67	−19	2.54	2.3	11	8	8	15
1935	27.5	72	−23	3.08	13.5	11	11	6	14
1936	23.6	59	−30	4.21	19.4	14	8	7	16
1937	36.7	71	5	6.36	4.3	16	5	7	19
1938	28.9	66	−20	2.51	5.1	12	8	7	16
1939	30.3	69	−18	3.14	15.2	13	8	7	16
1940	19.3	56	−16	1.41	8.4	10	9	7	15
1941	27.9	58	−10	2.62	14.6	13	7	6	18
1942	27.3	64	−30	1.86	7.6	8	11	7	13
1943	28.2	73	−12	2.68	15.5	14	5	7	19
1944	30.6	68	−12	2.12	4.3	7	9	10	12
1945	20.4	58	−28	2.68	22.6	14	8	8	15
Period	28.2	85	−42	3.16	10.6	11	9	8	14

Climatological Data for January 1945

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[1]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh.	384	5	19.5	−9.8	49	1	− 4	25	3.17	−0.33	1.56	31-1	20.5	11	9	10	12	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair.	1,500	60	20.8	−6.6	40	12	− 5	25	1.73	−1.20	0.48	31-1	19.0	14	4	14	13	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton.	990	4	23.0	.....	43	8	− 2	18†	2.44	.....	0.95	15-16	18.4	8	9	6	16	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	478	77	21.6	−7.0	42	4	− 1	30	3.49	+0.35	1.53	15-16	27.0	7	14	6	11	sw.	Clarence E. Miller.
Chambersburg-1 SW.	Franklin.	600	50	24.4	−5.4	43	4	4	25	3.37	+0.56	0.96	1	18.2	9	7	9	15	ne.	William B Spear.
Coatesville.	Chester.	431	58	24.6	−5.6	50	1	− 1	25	2.95	−0.92	1.07	31-1	16.5	8	6	7	18	nw	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield.	2,215	3	14.8	.....	35	1	− 9	25	2.96	.....	0.88	31-1	32.7	22	6	6	19	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan.	2,020	4	14.9	.....	40	1	−13	25†	3.24	.....	0.76	31-1	26.5	10	12	6	13	ne.	Carl E. Bigger.
East Waterford-3 E.	Juniata.	2,125	8	19.9	.....	41	1	− 4	25	2.64	.....	0.48	15-16	22.6	12	5	8	18	nw	U. S. Weather Bureau.
Emporium-1 E.	Cameron.	1,100	59	16.4[a]	−9.6	41	8	−22	26	2.21	−1.15	0.85	31-1	.....	14	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster.	365	48	24.8	−5.5	46	1	− 1	25	3.13	+0.12	1.35	15-16	21.9	9	14	7	10	w.	Ephrata Review.
Everett-0.5 SW	Bedford.	1,020	23	22.2	−5.9	43	4	0	18	2.21	−0.69	0.76	15-16	16.5	10	6	3	22	nw.	Penna. Turnpike Comm.
Freeland	Luzerne.	1,970	52	17.6	−6.5	43	1	−12	25	3.36	+0.08	0.83	16	25.6	14	9	2	20	.....	Andrew B. Evansha.
George School	Bucks.	184	39	24.4	−6.7	56	1	− 2	25	2.98	−0.41	0.96	31-1	12.1	9	16	5	10	w.	N. W. Swayne.
Gettysburg	Adams.	500	72	25.8	−4.3	46	4	2	18	2.86	−0.23	1.20	15-16	23.0	8	17	2	12	w.	Dr. Henry Stewart.
Gordon	Schuylkill.	900	41	19.6	−7.3	45	1	− 9	3	3.33§	−0.21	0.96	15-16	33.3	10	13	5	13	e.	Miss Sallie M. Johnson.
Hanover	York.	600	41	25.1	−7.4	49	4	3	26	3.18	+0.04	1.00	15-16	19.0	12	10	7	14	w.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin.	351	76	23.9	−5.1	45	4	4	25	3.34	+0.25	1.74	15-16	31.4	10	6	9	16	nw	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne.	980	35	17.9	−7.1	46	1	−12	26	4.47	+1.74	1.58	17	37.7	16	17	6	8	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster.	200	30	26.4	−5.1	48	1	5	25	3.89	+0.86	1.15	16	20.5	10	12	6	13	nw	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	22.5	−6.4	41	4	− 5	18	2.00	−1.11	0.75	31-1	13.5	11	6	7	18	nw.	Paul R. Yoder, jr.
Lancaster	Lancaster.	255	58	24.9	−5.1	48	1†	− 1	25	3.48	+0.32	1.73	15-16	21.5	9	16	5	10	nw	Lancaster Water Bureau.
Lawrenceville	Tioga.	996	48	16.3	−8.8	46	8	−23	26	2.55	+0.71	0.90	31-1	25.0	7	11	5	15	n.	Carlos P. Darling.
Lebanon	Lebanon.	469	61	22.4	−6.7	46	4	− 3	26	2.75	−0.57	0.74	15-16	26.1	9	18	0	13	nw	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin.	580	7	23.2[d]	.....	41	4	2	2	1.84§§	.....	0.36	1	17.2	12	.....	.....	.....	.....	Penna. Dept. of Highways.
Lock Haven	Clinton.	557	54	20.4	−7.6	39	8	−10	25†	2.08	−0.86	1.00	31-1	21.5	9	12	5	14	e.	William R. Kelley.
Marcus Hook††	Delaware.	12	19	28.6	−6.4	58	1	5	25	††	.....	.....	.....	10.6	.....	17	3	11	w.	Sun Oil Co.
Martinsburg	Blair.	1,493	3	19.4	.....	38	12	− 2	25	1.38	.....	0.48	31-1	15.0	13	0	15	16	w.	U. S Weather Bureau
Montrose-3 E.	Susquehanna.	1,176	40	13.6[d]	−9.3	42	1	−12	25	5.45	+2.88	1.81	16-17	57.7	16	15	6	10	nw.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe.	1,914	4	15.2	.....	45	1	−13	25	4.99	.....	1.54	15-16	28.5	16	7	13	11	nw.	U. S. Weather Bureau.
Palmerton	Carbon.	455	27	20.2	−8.4	47	1	− 3	26	3.17	+0.38	1.50	16	26.6	10	6	6	19	w.	New Jersey Zinc Co.
Philadelphia Airport.	Philadelphia	10	4	24.8	−6.3	58	1	2	25	2.86	−0.44	1.17	15-16	11.7	10	10	7	14	nw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	14.6	.....	36	1	− 8	25	3.04	.....	0.58	7	27.4	15	2	8	21	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester.	100	36	27.8	−3.1	55	1	0	25	4.13	+0.47	1.33	1	20.6	11	16	7	8	nw.	Phila.-Suburban Water Co.
Port Clinton††	Schuylkill.	407	7	20.8	−8.0	44	1	− 2	3†	2.94	−0.58	0.70	15-16†	24.5	9	17	9	5	...	Earl E. Rarick.
Quakertown-0.5 E.	Bucks.	480	60	21.4	−5.4	50	1	− 5	25	3.95	+0.49	1.59	31-1	20.4	9	12	6	13	w.	John E. Benner.
Reading	Berks.	273	75	24.3	−6.9	52	1	0	25	3.71	+0.14	1.94	15-16	23.4	10	12	4	15	nw	U. S. Weather Bureau.
Scranton	Lackawanna.	746	51	18.9	−7.7	48	1	− 5	25	3.07	+0.04	1.18	31-1	28.2	13	10	11	10	n.	U. S. Weather Bureau
Selinsgrove	Snyder.	476	55	20.8	−7.9	39	1†	− 9	26	3.63	+0.62	1.18	15-16	21.8	14	8	7	16	n.	Dr. George E. Fisher.
State College	Centre.	1,217	60	19.8	−7.0	38	1†	− 2	25	1.84	−1.07	0.53	1	19.7	15	8	8	15	ne.	Penna. State College.
Stroudsburg-2 E.	Monroe.	440	26	21.4	−5.6	48	1	− 7	26	4.66	+1.40	1.65	15-16	30.6	13	11	5	15	nw.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton.	2,250	5	15.2	.....	41	8	−14	26	2.68	.....	0.88	31-1	23.5	17	6	8	17	w.	James E. Swartz.
Towanda-1 E.	Bradford.	754	51	18.0	−7.6	46	1	−12	26	2.29	+0.31	1.01	31-1	20.2	10	11	10	10	n.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga.	1,319	75	14.3	−9.8	47	8	−20	26†	1.73	−0.64	0.54	31-1	15.5	12	10	6	15	n.	M. S. Bliss.
West Chester	Chester.	440	96	25.4	−5.2	52	1	− 1	25	3.64	−0.14	1.49	31-1	15.2	11	15	5	11	nw.	Clyde T. Saylor.
Wilkes-Barre ††	Luzerne.	544	7	18.6	.....	46	1	−13	26	2.15	−0.24	1.13	31-1	11.2	10	1	18	12	nw	Civil Aeronautics Authority
Williamsport Apt.-4E.	Lycoming.	520	1	18.3	.....	40	1	− 8	26	1.91	.....	0.80	31-1	.....	10	2	16	13	nw.	U. S. Weather Bureau.
Williamstown ††	Dauphin.	775	29	22.2	−6.3	46	1	− 4	25	§§	.....	.....	.....	§§	§§	5	12	14	.....	Gordon E. Lower.
Woodward-2 NE.	Centre.	2,191	4	16.0	.....	37	1†	−10	25	1.60	.....	0.59	31-1	17.1	14	9	4	18	w.	U. S. Weather Bureau.
York-3 SW.	York.	390	57	25.2	−5.1	48	4†	− 3	27†	3.71	+0.71	2.22	15-16	24.5	8	13	6	12	w.	York Water Co.
Division mean.			....	**20.8**	.....	**58**	**1**	**−23**	**26**	**3.01**	.....	**2.54**	**16**	**22.6**	**11**	**10**	**7**	**14**	nw.	
Ohio Drainage																				
Bradford-4 W.	McKean.	1,680	28	15.0	−8.7	36	12†	−27	25	2.60	−0.41	0.55	31-1	33.6	20	2	11	18	w.	City Water Dept.
Brookville	Jefferson.	1,400	55	16.6	−8.0	37	12	−11	25	2.03	−1.10	0.94	31-1	.....	19	1	9	21	sw.	Civil Aeronautics Authority
Butler	Butler.	1,077	32	21.4	+0.4	40	1†	−12	25	1.61	−1.16	0.67	31-1	20.5	12	3	17	11	w	Butler Eagle.
Clarion†-3 SW.	Clarion.	1,114	35	18.1	.....	38	1†	−22	25	1.86	−1.99	0.59	31-1	17.5	16	2	6	23	w.	Penna. Electric Co.
Claysville	Washington.	1,170	42	22.0	−8.8	42	12	− 6	27	2.71	−0.41	1.19	31-1	16.7	12	8	2	21	nw.	Walter B. Paget.
Corry	Erie.	1,410	31	15.0	−8.4	35	1†	−21	18	2.48	−0.78	0.70	1	45.0	20	8	5	18	w	J. Fred Kinley.
Coudersport††	Potter.	1,653	21	14.9	−9.0	39	8	−25	25	2.56	−0.52	0.39	15-16†	27.7	16	7	9	15	se.	Potter Enterprise.
Derry.	Westmoreland.	1,150	48	24.4	−6.2	47	1	−10	25	3.28	−0.40	1.01	31-1	19.0§§	16	11	5	15	w.	Miss N. Dixie Wineman.
Donegal.	Westmoreland.	1,746	2	20.8	.....	48	12	− 8	27	††	.....	.....	.....	43.5	23	4	13	14	w.	Penna. Turnpike Comm.
Donora ††	Washington.	761	19	25.8	−7.7	45	1†	4	2	2.07	−0.65	0.79	1	9.1	18	1	8	22	sw.	Donora Zinc Works.
Ebensburg	Cambria.	2,170	28	18.0	−7.6	38	12†	− 6	25†	2.04	−1.15	0.37	28-29	16.0	16	4	2	25	nw.	Miss Emma H. Eastman.
Farrell	Mercer.	855	32	19.5	−8.7	40	12	−10	25	1.37	−1.06	0.51	31-1	12.0	11	12	13	6	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S.	Armstrong.	950	2	21.6	.....	41	1†	−13	25	2.11	.....	0.83	31-1	18.5	13	5	1	25	w.	U.S. Engineers.
Franklin.	Venango.	987	71	18.4	−8.0	39	12	−14	26	1.47	−1.93	0.57	1	20.5	13	5	6	20	n.	William K. Fuller.
Greensburg-2 S.	Westmoreland.	1,160	36	23.4	−7.5	42	12	−11	25†	2.57	−0.82	1.03	31-1	16.5	18	6	4	21	sw.	Westmoreland Water Co.
Indiana	Indiana.	1,300	44	21.9	−7.4	42	1	− 5	25	2.16	−1.63	0.58	31-1	21.3	16	10	11	10	sw.	Indiana State Teachers Col.
Jamestown-2 NW.	Mercer.	1,050	4	17.1	.....	43	12	−20	25	1.04	−1.52	0.40	31-1	.....	11	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown.	Cambria.	1,650	63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kane-1 N.	McKean.	1,750	30	12.9	.....	35	1†	−28	25	1.83	−1.71	0.27	22	28.0	22	10	1	20	w.	Spring Water Co.
Meadville-1 S.	Crawford.	1,065	51	16.6	−8.7	38	12	−16	25	2.08	−1.05	0.41	31-1	27.2	19	3	6	22	nw.	City of Meadville.
Midland	Beaver.	780	9	22.5	.....	42	12	0	25	1.95	.....	1.07	31-1	17.4	13	4	8	19	nw	Perry P. Campbell.
New Castle-1.5 N.	Lawrence.	900	65	21.6	−6.5	40	11†	−10	25	1.92	−0.99	0.80	31-1	14.7	18	0	12	19	n.	New Castle Water Co.
Pittsburgh Airport.	Allegheny.	1,286	12	22.0	−6.2	41	12	0	2	3.02	−0.03	0.98	1	19.2	23	5	6	20	nw.	U. S. Weather Bureau.
Putneyville-2.5 SE.	Armstrong.	1,270	2	18.3	.....	39	1	−13	25	2.52	.....	0.82	31-1	24.2	17	6	5	20	nw	U. S. Engineers.
Ridgway	Elk.	1,385	38	21.8	−3.2	38	12†	−20	25	2.03	−0.80	0.55	31-1	19.5	18	8	5	18	s.	West Penn Power Co.
Somerset	Somerset.	2,100	74	21.5	−5.1	45	1	−11	26	2.67	−1.57	0.52	31-1	30.2	24	3	5	23	sw.	D. L. Grove.
Springs-1 SW.	Somerset.	2,500	26	21.1	−5.4	45	1	− 5	26	2.65	−1.01	0.52	31-1	24.3	19	3	7	21	w	Allen E. Yoder.
Tionesta-1.5 SE	Forest.	1,200	8	16.8	.....	38	12	−18	27	1.90	.....	0.43	31-1	19.5	17	6	2	23	nw.	U. S. Engineers.
Titusville-2 S.	Crawford.	1,550	2	16.7	.....	36	1†	−13	25	2.37	.....	0.66	1-2	28.5	20	0	14	17	sw.	U. S. Weather Bureau
Uniontown	Fayette.	1,040	57	26.8	−5.9	53	1	− 2	27	2.98	−0.55	1.12	31-1	15.7	16	7	10	14	sw.	William W. Marsteller.
Vandergrift	Westmoreland.	825	31	22.8	−7.9	42	12	− 6	25	1.99	−0.70	0.78	1	.....	14	3	19	9	.....	Carnegie-Illinois Steel Corp
Warren	Warren.	1,190	57	16.3	−9.3	35	21	−13	25	2.04§§	−0.79	0.31	31-1	18.5	18	7	18	6	sw.	Merrell L. Jordan.
Waynesburg	Greene.	1,100	16	23.9	−8.8	48	1	− 6	27	2.09	−0.09	0.84	31-1	15.0	10	0	14	17	nw.	Thomas S Knox.
Division mean.			....	**19.9**	.....	**57**	**1**	**−28**	**25**	**2.19**	.....	**1.19**	**31-1**	**22.0**	**17**	**5**	**8**	**18**	w.	
Lake Drainage																				
Albion	Erie.	900	2	16.6[d]	.....	40	12†	−16	25	2.35	.....	.....	.....	§§	21	8	6	17	nw.	Samuel D Lewis.
Erie.	Erie.	705	72	19.4	−7.4	40	12	0	25	3.01	+0.24	1.07	31-1	38.3	21	0	13	18	w.	U. S. Weather Bureau.
State mean.			....	**20.4**	**−7.8**	**58**	**1**	**−28**	**25**	**2.68**	**−0.48**	**2.54**	**16**	**22.6**	**14**	**8**	**8**	**15**	nw.	

[See page 8 for explanation of reference marks.]

Daily Precipitation for January 1945

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	.14	1.17			.04		.17	.27						T	.28	.40	.89					T			T.				.38		.02	3.76
Hawley[2], 0.5 E	Wayne	.07	.70		T.	.04		.13	.27	.01		.01		T	.01	.29	.43	1.58						.21	.03	.07				.60	.02	T.	4.47
Hollisterville[2]	Wayne	.12	.83		T.	.06		.05	.31	.01		T.			T.	.25	.35	1.03						.15	.04	.05				47	T.	.05	3.77
Lakeville[2], 1 N	Wayne	.07	.39		.01	.01		.21	.20					.01		.48	.41	1.26						.17	.02	.09				58	.07		3.98
Matamoras[2]	Pike		1.42		T.	.06		.26	.22							.32	.36	.94						.11						.34	.07		4.10
Mount Pocono[3], 2 N	Monroe	1.10	T.		.09	T.	T.	.57	.54		T.	.03	.05	T.	.28	.13	1.47	.05					.08	.04	.08			.07	.10	.01	T.	4.99
Pleasant Mount[1, 5], 1 W	Wayne	.98			.07			.28					.04		.20	.09	.98						*	*	*	*	*	*	.75			3.39
Stroudsburg, 2 E	Monroe	*	1.45		.01			.65	.10				.01		.25	.01	1.65						.02	.02	.02				.47			4.66
Tanners Falls[1, 5], 1 SE	Wayne	.83						.32	.08						.24	.12	1.33							*	*	■	.09		.14	.45			3.60
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh	1.41			T.		T.	.26	.02	T.	T.	T.	.01	T.	.09	.03	.85						.09	.01	T.			T.	.39	.01		3.17
Allentown[2]	Lehigh	.21	1.62		T.			.13	.22					T.	T.	.12	.35	.76						.03	.03	T.				46		.02	3.95
Bethlehem[1]	N'rthampton	1.65						.32	.03				.01		.15		.66						.05		T.			T.	.28	.04		3.22
Blakeslee Corners[1, 5]	Monroe	.88		.01	.07			.20	.09						.05		.92	.05										.03	.27			2.57
Gouldsboro[2]	Wayne	.14	.88		T.	.09		.18	.15							.20	.16	.90						.11	.05				.57		.02	3.45
Lansford[2]	Carbon	*	.75		.02			.41	.14			T.		.02	T.	.13	.35	.90						.04	.09	T.				.41			3.26
Mauch Chunk, 1 SW	Carbon	.70	.09		T			.47				T.	T.		.08	T.	1.60							T.	T.					.39			3.33
New Tripoli	Lehigh	.81	T.		T.		T.	.55	.04				.02		.06	.02	1.74						.04	.04	.12				.46		T.	3.90
Palmerton[1, 5]	Carbon	.74			T.			.47	.03				.02		.04	.01	1.50						.02	T.	.01			T.	.33	T.		3.17
Zionsville, 1 SW	Lehigh	1.72	T.					.26	.07				T.		.06	.16	.84	.01					.06		T.				.35		.04	3.57
SCHUYLKILL																																	
Conshohocken	Montgomery	.29	.03				T.	.74						.11	.09		1.06						.08		T.				T.		T.	2.40
Fredericksville[2], 1 S	Berks	.21	1.45				T.	.30	.08	T.				T.	.08	T.	.60	1.44						T.	T.	T.				.50	T.	.03	4.72
Gratersford[2]	Montgomery	.81	1.41					.12	.35					T.	.02	.12	.08	1.16						.06						.26	.13		4.02
Phoenixville[2], 1.5 SE	Chester	.57	1.33				T.	.33	.23	T.				.03	.12	.08	.37	.93						.09	T.	T				.25			4.13
Port Clinton[2]	Schuylkill	.15	.50					.20	.20						T.	T.	.70	.70						.04	.05	T.				.40			2.94
Pottstown[2], 0.5 S	Montgomery	.26	1.46					.29	.13	.02				.01	.01	.03	.40	.69						.05	T.	T.				.38		T	3.73
Pottsville[2]	Schuylkill	.38	.50		T.			.27	.35					T.		.02	.60	.71						.02	.03	T.				.45		T.	3.33
Reading[1, 5]	Berks	.83			T.		T	.43	.03	T.			T.	T.	.03	.04	1.90						.03	T.	T.			.05	.34	.03		3.71
Wernersville	Berks	.67	T.		T.		.01	.35	.03	T.			T.		.04	.03	1.26						.04		T.				.33		T.	2.76
LOWER DELAWARE																																	
Coatesville[6]	Chester	1.07					T.	.47	.03					.20		T.	1.05	.01					.07						.05			2.95
Doylestown	Bucks	1.45	T.				T.	.38					.01	.01	.16	T.	1.21						.09		T.				.20			3.51
George School	Bucks	.96	T.					.43	.01	T.			.02	.08	.28		.93						.02	T.	T.				.25			2.98
Marcus Hook[2]	Delaware	.25	.80				T.	T.	T					.21	T.	.21	.20	.18						.15	T.	T				.10		T.	††
Philadelphia Airport Station[1, 5]	Philadelphia	.80					T.	.42	.05	T.		T.	.03	.17	.03	.10	1.07						.15	T.	T.				.04	T		2.86
City Office[1, 5]	Philadelphia	.59					T.	.54	.06				.02	.18	.14	.04	.90						.15	T.	T.				.11	T.		2.73
Shawmont	Philadelphia	1.20					T.	.50	.05	.10			.02	.10	.20		1.35	T.					.13	T					.13			3.78
Quakertown, 0.5 E	Bucks	1.59	T.				T.	.42	.02				T.		.19	.02	1.15						.08	T.	T.				.45		.03	3.95
West Chester	Chester	1.49	.02				T.	.49	.02				.01	.08	.10		1.13	.02					.08		T.				.20		T.	3.64
West Grove[2], 1.5 SE	Chester	1.07	.82					.78	.05					.03	.27		■	1.31												.20		.02	4.55
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.11			.02		.01	.11					.02		.02	.19	.17						.09	.01	.07			.07	.11			1.33
Covington[2]	Tioga	.64	.19			.01		.05					T.			.03	.31	.11						.18	.05				.15		T.	1.72
Lawrenceville	Tioga	.90			T.		T.	.22		T.		T.	T.		T.	T.	.65						.30	.10	.10			T.	.28		T.	2.55
NORTH BRANCH																																	
Berwick[2]	Columbia	.22	1.14		*	*		.24	.29	T.				T.	T	■	.24	.53					*	*	.16				*	.58		3.40
Canton[2], 1 NW	Bradford	.60	.36		T.	T.		.09	.08	T.				.07		T.	.36	.14						.21	.05	T.				.21	T.		2.17
Danville[2]	Montour	.30	.80					.22	.11	T.							.40	.42						.10	.03					.34		T.	2.72
Freeland[2]	Luzerne	.14	.54		.05	T.		.15	T	T.	T.	.20	T.	.05	T.	.12	.46	.83					.10	.06	.05				.48	.13		3.36
Hop Bottom[2], 2 S	Susquehanna	.47	.60	T.	T.	.01	T.	.35	.06			.04	T	.01	T.	.14	.35	.71						.29	.03	.05				.52	T.		3.63
Millville[1, 5]	Columbia	.80						.06	.03							.06	.46						.08		.03			.15	.22			1.89
Monroeton[2], 2 S	Bradford	.61	.43		T.	T.	T.	.03	.09	T.	.03	T.		.08	T.	.04	.29	.63						.09	.01	.01				.15	T.	T.	2.52
Montrose[2], 3 E	Susquehanna	.63	.57		T.	.01		.23	.25		T.	.03		.02	T.	.03	.29	1.81						.31	.47	.19				■	*	.61	5.45
Orwell[2], 3 N	Bradford	.54	.42			T.		.07	.05			.02		T.		.03	.41	.49						.12	.06	.02				.25		.01	2.49
Park Place[3], 1 NW	Schuylkill	.43			.05	T.	T.	.09	.13	T.	.01	T.	T.		.02	.04	.66	.03					.05	.06	.08			.06	.16	T.	T.	1.87
Pikes Creek[1, 5]	Luzerne	.95		*	*	*	■	.19	.03	.02						.12	.55						.11		.05			.12	.36			2.50
Rush[2], 6 S	Susquehanna																																
Scranton[1, 5]	Lackawanna	.91	T		.06		T.	.15	.02	T.	.01	T.	T.	T.	.07	.15	1.02	T.	T.		T.		.16	T.	.02			.12	.26		.12	3.07
Susquehanna[2]	Susquehanna																																
Towanda, 1 E	Bradford	.99	.02	T.	T.	T.	T.	.13		T.		T.	T.	T.	.05	.03	.63	.02					.16	T.	.02	T.		T.	.24		T.	2.29
Tunkhannock[1, 5]	Wyoming	.89						.25							.08	.10	1.27						.14					.05	.22			3.00
Wilkes-Barre[3], 3 N	Luzerne	.94			.09		T	.10	T.	T.	T.	T.	T.	T.	.03	.09	.67						.08	T.	.01			.09	.05	T.	T.	2.15
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.57	.17	T.	.01	T.		.11		.01		T.		.03		.02	.34	.03						.23	.04					.11			1.67
Carrolltown[2]	Cambria	.49	.24	T.	.03	.04	.04	.30	T.	T.	.02		.01	.13	T.	.02	.38	.11						.23	.06	.02	T.			.40	.04	.10	2.66
Carter Camp[2]	Potter	.82	.20		.05	.02		.16	.11			T.		.07		.05	.49	.07						.30	.07	.10				.16		T.	2.67
Cedar Run[2]	Lycoming	.77	.28		.04	.05		.07	.09					.08		.03	.39	.13						.21	.05	.03				.12		.04	2.38
Clearfield[2]	Clearfield	.72	.19		.01	.03	.02	.23	.05	.02		.01		.10		T.	.31	.13						.21	.07	.02				.39	T	.03	2.57
Coalport[2]	Clearfield	.42	.42	■	.10	*		.24		T.	*			.22	.02		■	.30						.20	.20					.21	.15		2.48
CurwensvilleApt[3] 6NW	Clearfield	.58	.05	.05	.11	.02	.12	.27	.03	.02	.02	.01	.15	T.	.02	.45	.06	T					.31	.18	.05	T.		.25	.11	.05	.05	2.96
Driftwood[1, 5]	Cameron	.53	*	*	*	*	*	■	.07	■	*	■	*	*	.65	*	■	*	*	*	*	.52	*	*	*	*	*	.30	*	*	■	2.07
Dushore[1, 5]	Sullivan	*	*	*	*	*	*	*	1.17	*	*	*	*	■	*	.07	*	*	*	*	*	*	*	*	*	*	■	*	*	.97	*	*	2.21
Eagles Mere[2]	Sullivan	.76	.70		T.	T.	T.	.15	.21			T.		.07		T	.37	.31						.21	.06	T.				.40	T	T.	3.24
Emporium[2], 1 E	Cameron	.85	.15	T.	.05	.03	T.	*	.17	.02	T.	T.		.06		.05	.37	.02						.21	.05	T				.18	T.	T.	2.21
Galeton	Potter	.92		.02	.03		T.	.16		.02			.06	.01	.04	.08	.45						.24	.03	T.			.05	.08	T.		2.19
Karthaus[2]	Clearfield	.75	.30		.03	.06	.02	.19	.02			.03		.11		.02	.45	.09						.21	.03	.02				.19	T.		2.52
Lock Haven[2]	Clinton	.65	.35		T.	T	T	.19	.06					.07		T.	.27	.15						.12	T.					.22		T.	2.08
Medix Run[1, 5]	Elk	.58		.05	.03		.02	.20					.06		.04	.19	.08						.18					.11	.07			1.61
Philipsburg[3], 7 E	Centre	.45	T.	T.	T.	T.	.15	.58	T.	.01	T	T	.18	T	T	.36	.36	.01			T.		.20	.28	.16	T.		.12	.11	.05	.02	3.04
Renovo[2]	Clinton	.55	.31		.03	.01	T.	.05	.05	T.	T.	T.		.08		.03	.36	.15						.22	.04	T.				.16		T.	2.03
State College[1, 5]	Centre	.53		T.	T.	T.	.09	.28	.03	.01	T.	T.	.04	T.	.01	.24	.33	T.			T.		.09	.01	.01			.11	.05	.01	T.	1.84
Tamarack[2], 2 S	Clinton	.58	.49		.03	.08	T.	.08	.05	.03	T.	T.		.10	T.	.07	.37	.13						.31	.07	.08				.17	.02	.02	2.68
Tyrone[1, 5], 4 NE	Blair	.39				.02	.06	.20					.09			.22	.21						.11					.13	.05			1.48
Wellsboro[2]	Tioga	.54	.26		T.	T.		.04	.05	T.		T.		.02		.01	.28	.09				T.		.23	.02	.07				.12	T.	T.	1.73

Continued on page 4.

Daily Precipitation for January 1945 Continued from page 3

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport Apt.3-4 E	Lycoming	.78		T.	.02		T	.12	T	T	T	T.	.01	T.	T.	.12	.42						.13	.04	T.				.22	.05	T.		1.91
Williamsport[2]	Lycoming	.45	.34					.12	.09					T.		T.	.36	.34						.12	.06	T.				.31			2 19
Williamsport[2], 4 SE	Lycoming	*	.98			.01		.01	.14	T.	T	T.		.03		.02	.36	.43						.13	.04	T.				.26		T.	2 41
JUNIATA																																	
Altoona, 4.5 W	Blair	.48	T.		.02	.03	.05	.22	.09				.11	.02	T.	.10	.32						.12	T	T				.03	.12	T.	.02	1.73
Breezewood[1], 0.5 E	Bedford	.44				T.	.01	.18	.29	T.	T.	T.	T.		T	31	.29				.02		.03	T.	.01	T.	T		.02	.10	.01	T.	1.71
Buffalo Mills[2]	Bedford	.37						.36	.37								.48	.03						.09						.26			1.96
Burnt Cabins[1], 2 NE	Fulton	.64					.02	.32	.30		T.				T.	.23	.72			T.			T.		T.				.03	.18	T.		2.44
East Waterford[2], 3 E	Juniata	.39	.47	T.	T.	T.	T.	.23	.33	.01	T.	.01	T.	T.	T.	.01	.48	.11	T.					.02	T.	T.	T.			.25	T.	.01	2.64
Everett[2], 0.5 SW	Bedford	.35	.27					.21	.32	.03		T.				T.	.60	.17			T.			.01	.03	T.	T.			.16	T.	T	2.21
Huntingdon[2]	Huntingdon	.44	.31		T.		T.	.28	.22	T.		T.		.02		.01	.39	.10				T.	T.	.05		T.				.15	.03	T.	2.00
Lewistown[2], 2 SW	Mifflin	.24	.36			.02		.17	.19	.08							.03	.35	.30					.05						.10	T.	T.	$1.84
Mapleton Depot[2]	Huntingdon	.28	.35				T.	.24	.22	.02				.01			.31	.10						.03						.15		.01	1.72
Martinsburg[3]	Blair	.23	T	T	T	T.	.05	.22	.17	T	T.	T.	.02	T	.01	.18	.20	T.					.06	.01	.05	T.	T.		.17	T	.01	T.	1.38
McConnellstown 2.4NW	Huntingdon	.38	.30		T.		T	.21	.27	T.		T.		T		T.	.36	.23						.11						.20	T.	T.	$2.06
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.52				.01	.05	.28	.10				.03			.17	.31						.07	.02					.09	.09			1.74
New Bloomfield	Perry	.90	.03				.04	.37	.20				T.		T.	.20	1.15	T.					T.	T.	T.	•				.21	T.		3.10
Newport[2]	Perry	.29	.63		T.	T.	T.	.26	.28	T.	T.	T.		T		T	.59	.44						T.	T.					.28		T.	2.77
Saxton[2], 1 W	Bedford	.62	.22					*	*	.22	.01			.04			.46	.11						.06						.05			$1.79
Shade Gap[1, 5], 0.5 SW	Huntingdon	.59	*	*	*	*	*	.26	.24							20	.58												.08	.04	*	*	1.99
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	.29	.48					.35	.08	T.				.02			.87	.25						.01		T.				.41			2.76
Bloserville, 1.5 N	Cumberland	.95	T.	T.		.01	.10	.28	T				T.		T.	.09	1.11	T.					T.	T					.34	T		3.18
Carlisle	Cumberland	.97			T.	T.	.08	.30	.13	T.		T.	T.	T.	T	.04	1.53	T.					T.							.14			3.49
Columbia	Lancaster	.76					T.	.28	.08				T.	T.	T.	T.	2.06	T.					T.	.02	T.					.22		T.	3.42
Dauphin[2], 3 N	Dauphin	.15	.77		T.		T.	.30	.23	T.	.03	T				T.		1.63						T	T.					.51			3.62
Ephrata	Lancaster	.88					.02	.34	.05				T.			.03	1.35	T					.06	T.	T.					.39		T.	3.13
Glen Rock[1, 5]	York	.59		.01			.03	.33	.07	.01				15		.18	1.78												.04	.11			3.30
Gordon	Schuylkill	.80	.43		.07		T.	.24	.12				.03		T.		.96						.04		.12					.52			$3.33
Grantville, 2 SW	Dauphin	.97					.03	.31	.13				.01		T.	.05	1.11						.01		.01					.43		.01	3.07
Hanover[2]	York	.17	.66				T	.40	.03	.01	T	T.		.01	.11	.01	1.60	.54						.03		1		T		.19			3.18
Harrisburg Apt[1, 5], 3.5 S	Dauphin	.75			T.	T.	.05	.32	.08	T.	T.	T	T.	T.	T.	.16	1.58					T.	.02	T	T.				.02	.35	.01		3.34
Holtwood[2]	Lancaster	.13	1.04				T.	.37	.06	T.				T.	.10	.03	.75	1.15						.06	T.	T.					.20		T	3.89
Huntsdale[2]	Cumberland	.10	.82					.20	.22	T.	T			T.	T.	T.	.65	.43							T						.33		T.	2.75
Kirkwood[1, 5], 1 SW	Lancaster	1.11	.03					.19								.03	1.07						.04							.40			2.87
Lancaster	Lancaster	.98	.04				T.	.31	.02				1	.02	.02	T.	1.73						.04	T.	T.					.32		T	3.48
Lebanon[2]	Lebanon	*	.58					.25	.22	T.		T.		T	T.	T.	.74	.50						.01	T					.39		.03	2.75
Middletown[1], 1.5 W	Dauphin	.53			T.		.02	.25	.06	T	T.	1	T	1	1	.03	1.43						.04	1	.02			T	.30	.01		2.69
Millersburg[1, 5], 2 E	Dauphin	.70					*	.20	.15							.10	.59												.07	.33			2.15
Milroy[2], 5 N	Mifflin	.16	.31		T.		.02	.07	.01	T		T.		T.	T.		.05	.01					T.	T	T.				.06	.35		T.	$2.55
Newburg[1], 3.5 NW	Cumberland	1.04			T.	T	.08	.24	.18		T.	T.				.16	.44						.27							.01			4.99
New Park	York	1.23						.35					.03	.47	.02	.04	2.23	.31															
Pine Grove[2], 1.5 NE	Schuylkill	.06	.83		T.	T.		.35	.09	T		T		T.		T	.60	.37						.04	.03	T.				.45		T.	2.82
Ringtown[2], 1.5 SW	Schuylkill																																
Selinsgrove	Snyder	1.12	T		.02		.05	.35	.15	.01			.01		.02	.10	1.18	.10					10		.10					.32			3.64
Shamokin[2]	N'umberland	*	1.23		.03	T.		*	.48							03	*	1.00						.04	.04					.32		.02	3.19
Shippensburg	Cumberland	.93				1	.02	.28	.16			T	T.	T.	T.	.08	.90						T.	T.	.02					.37			2.76
Sunbury[2]	N'umberland	.33	.62		.01	T.		.16	.30	.05	T			T.		.04	.44	.98						.11	.11	.03				.22		1	3.40
Williamstown[2]	Dauphin	.24	.53				T.							T.		T.										T.						T.	$$
Woodward[3], 2 NE	Centre	.47	T.	T.	T.	T.	.05	.14	.03	T.	.01	T.	.01	T.	T	.22	.31						.11	.04	.05				.12	.03	.01	T.	1.60
York, 3 SW	York	.79					T.	.35	.04				T.	.05	T.	.03	2.22						.02							.23			3.71
York Haven[2]	York	.14	.63					.21	.07	T.							1.01	.50												.35		T.	2.91
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin	.34	.62				T	.23	.15							T.	.94	.63						.02	T.	.04				.40		T.	3.37
Gettysburg	Adams	.83					T.	.32	.05				1	.04	T.	.04	1.20						.02	T						.36			2.86
Hewitt, 2 SW	Bedford	.70						.50	.20					T.		.02	.80						*		*				*	.10			2.32
Hyndman[2]	Bedford	.33	.08				T.	.20	.27	T.		T.		T.			.38	.08						.04	T	T.	T.			.19	T.	.02	1.59
McConnellsburg[2]	Fulton	.49	.37					.23	.19								.57	.17												.23			2.25
Mercersburg[2]	Franklin	.58	.26					.23	.11								.63	.14								T.				.44			2.39
South Mt. San't'm[2]	Franklin	.22	.67					.39	.07	.03				.04	.03	.02	.60	.84						.06		.01	T			.48			3.46
GULF DRAINAGE *Ohio Basin* ALLEGHENY																																	
Acmetonia[2]	Allegheny	.92	.39		.04	.02	.02	.08	T	.08	T	T.		.07		.01	.48	.01						.22	.02		.04		T.	.42	.03	.10	2.95
Allens Mills[1, 5]	Jefferson	.40	.02	.07	.11		.10	.13	.03	.02	.03	.02	.18	.02	.04	.24	.03	.01	.01			.04	.20	.08	.05				.24	.11	.02	.02	2.22
Blairsville[2], 6 NE	Indiana	.64	.19	.01	.03	.03	.08	.10	.01	.03	.01	T.		.08	T	.01	.07	.04			.03			.27	.09	.02	.02	T.	.03	.46	.03	.09	2.37
Boswell[2], 6 NW	Somerset	.46	.35	T.	.07	.06	.10	.18	.16		.09	.04		.16		.06	.66	.09			.07			.42	.17	.12	.05		T.	.42	.12	.21	4.06
Bradford, 4 W	McKean	.55	.05	.05	.20	.05	.03	.13		.08		.08	.10	T	.05	.05	.08						.17	.22	.31	T			.03	.26	.08	.03	2.60
Brookville[3], 1.5 SW	Jefferson	.68	.01	T	.02	.03	.05	.08	.08	.02	.01	T.	.06		T.	.13	.04						.25	.09	.04	T.		T.	.29	.04	.03	.08	2.03
Buckstown[1, 5]	Somerset	.29		.03	.02		.03	.13	.28	.01	.01		.07	.02	.01	.28	.17	.04					.17	.33	.16	.07	.03	.28	.27	.06	.02	.02	2.80
Clarion[2], 3 SW	Clarion	.59	.21	T.	.03	T.	.01	.09	.02	.05	T.	.02		.11		.01	.12	T.						.25	.07					.25	.01	.02	1.86
Corry	Erie	.70	.03	.02	.30	.04	.02	.13		.03	.03	.04	.10	T.		.05	.14							.20	.20	.15			.05	.15	.05	.05	2.48
Coudersport	Potter	.27		.05	.05	.03	T	.18		T			.16	.08	.09	T.	.39	T						.27	.39	.21	.11		T.	.19	.05	.04	2.56
Derry	W'moreland	1.01	T.		T.	.04	.05	.05	T.	.06		.06	.12	T	.34	.12	.12							.35	.12	.07		T.		.24	.45	.08	T.	3.28
Donegal[1]	W'moreland	.62			.10	.05	.70	.20	.05	.10	.10	.80	.16	.60		.10	.20	.08			T.			.30	.36	.10	.08	.10		.30	.20	.15	.10	††
Dunlo[1, 5], 0.5 SW	Cambria	.38		.04	.06		.04	.18	.19	.02	.01	.01	.10	.02	.01	.12	.17							.11	.06	.08	.01			.17	.15	.07	.02	2.02
Ebensburg[2]	Cambria	.34	.14		.03	.05	.09	.23	.02	T.	T.	T.		.15		T.	.31	.03							.20	.02	.02	T.			.37	.02	.02	2.04
Ford City[2], 4 S	Armstrong	.83	.18	.05	.03	T.	.05	.13	T.	.04	T.	T.		.09		T.	.12	T.							.21	.03	T.	T.			.32	T.	.03	2.11
Franklin[2]	Venango	.35	.22	T.	.08		.05	.15		.02		T.		T.			.10								.17	.16	.02				.10	.03	.02	1.47
Glen Hazel[2], 1 NE	Elk	.63	.15	T.	.09	.01	.02	.07	T.	.05	T	01	T.	.09	T.	.10	.18	T.					T.	.24	.11	.01		T.		.27	.03	.02	2.08
Home[1, 5]	Indiana	.42		.02	.03		.04	.10	.01	.07			.06			.16	.01		.01	.01			.20	.03	.05				.34	.12	.02		1.70
Indiana	Indiana	.58	T.	T.	.06	.02	.08	.12		.05		T.	T.	T.	.05	.21	.22	.02					•	.26	T					.12	.28	.06	03	2.16
Johnstown[6], 0.5 W	Cambria																																
Kane[1], 1 N	McKean	.26	.04	.04	.12	.04	.01	.08	.01	.01	.02	.01	.02	T.	.08	.18	.02							.27	.15	.08			T.	.19	.12	.04	.04	1.83
Kregar[1], 4.5 SE	W'moreland	1.10	T.	.10	.10	.28	.12	.38	.18	.30	1	T.	.36	T.	T.	.80	.20				.15			.68	.71	.26	T.	.11		.71	.78	.27	.10	††
Lycippus, 1.5 E	W'moreland	.75		T.		.03	.07	.07	.11	.02	T.	.03	.13	.05	.09	.04	.21	.11						.34	.25	.09		.08		.13	.50	.12	.07	$8.29
Marienville[1, 5]	Forest	.47		.07	.10	.01	.01	.10	.04		.04	.03	.13		.02	.10	.01							.21	.11	.09	.01		.02	.25	.06	.02	.31	$2.18
Meadville[2], 1 S	Crawford	.41	.16	.03	.17	.05	.04	.21	T.	.06	.03	.05	.03	.09			.17	T.							.26	.06	.03				.16	.04	.03	2.08
Mosgrove[2]	Armstrong	.70	.49	T	.10	.06	.09	.16	.05	.07	T.	T.		.10		T.	.25	T.							.30	.15	.02	T.			.43	.03	.12	3.12
Parkers Landing[2]	Armstrong	.64	.17				.06	.10		.05		T.					.24								.35	.07					.24		.06	1.98
Pittsburgh Cty Of[1, 5]	Allegheny	.60	.01	.01	.04	.01	.03	.08	T	.03	T	.01	.03	T.	.03	.25	.07	T.						.14	.02	.02	.03	T.	T.	.24	.05	.02	.01	1.73
Port Allegany[2]	McKean	.43	.03		.04	T.	T	.10	T.	.05		.01		.08		.07	.26	T.				T.			.29	.09	.01				.19	.03	.01	1.73
Punxsutawney[2]	Jefferson	.75	.20	1	T.	T.	.05	.20	T	.05	T.	.01		.10	T.	.23	.02	T.						T.	.20	.10	T.				.40	.03	.03	2.87

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[3], 2.5 SE	Armstrong	.82	.31	T	.05	.01	.05	.17	....	.05	T.	.01	..	.13	....	.01	.22	.01	..	....	....	....	..	.19	.08	T.	T.	....	.35	.03	.03	2.52
Ridgway[2]	Elk	.55	.37	....	.03	.02	.01	.08	T.	.02	T.	.01	....	.12	....	.04	.14	.02	....	....	....	....	....	.25	.09	.04	....	....	.20	.02	.02	2.03
Saltsburg[2]	Indiana	.90	.31	T.	.02	T	.05	.16	.02	.03	T.	T	T.	.12	T	T.	.36	.03	T.	....	....	....	....	.24	.02	T	T.	....	T.	.50	.03	.04	2.83
Seward[2]	W'moreland	.51	.18	....	.11	.14	....	.12	....	....	....	....	....	.44	....	....	.35	....	....	....	.18	....	....	.37	.11	.14	....	....	....	1.09	.26	.10	4.10
Sheffield[1, 5], 6 W	Warren	.63	.04	.07	.13	....	.03	.04	.03	.04	....	....	.11	....	.02	.15	....	....	....	....	....	....	.16	.10	.17	....	....	.01	.22	.12	.07	.49	2.63
Smethport[1, 5], 1 SW	McKean	.30	....	.01	.05	....	....	.07	....	....	....	....	.04	....	.03	.30	.02	.03	....	....	....	....	.27	.09	.11	....	....	*	.22	....	.01	§1.49
Strongstown[1, 5]	Indiana	.14	T	....	....	.08	....	.11	....	....	....	....	.08	.03	....	.13	....	....	....	....	....	....	.14	.03	.12	....	....	.31	.10	.01	....	1.28
Tionesta[2], 1.5 SE	Forest	.43	.18	T	.14	.01	.02	.14	....	.05	....	.02	T.	.16	....	.01	.17	T.	....	....	....	....	....	.20	.09	.02	....	....	....	.22	.03	.01	1.90
Titusville, 2 S	Crawford	.50	.16	.01	.21	.02	.02	.10	....	.05	T.	.05	.22	T.	....	.03	.10	T.	....	....	....	....	.15	.15	.22	.05	....	.05	.20	.05	.03	2.37
Union City[1, 5]	Erie	.25	....	.03	.11	....	.09	.11	.01	.02	.01	.02	.10	....	....	.14	.01	....	....	....	....	....	.20	.04	....	....	....	.10	.05	.01	.06	1.36
Vandergrift [1]	W'moreland	.78	....	....	*	.05	.07	.13	....	T.	....	....	.05	....	T.	.24	.02	....	....	....	....	....	.19	.04	.03	....	....	.22	.15	.02	....	1.99
Warren[2]	Warren	.31	.22	....	.12	.05	.01	*	.20	.04	T.	.01	....	.15	....	.04	.13	T.	....	....	....	....	.28	.15	.05	....	....	....	.23	.04	.01	§2.04
Youngsville[1, 5]	Warren	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.51	.21	....	T.	T.	T.	.23	.30	T.	T.	T.	T.	.07	T.	T.	.09	.03	....	....	.01	....	.34	T.	T.	.06	....	T.	.29	T.	.04	2.18
Connellsville[2]	Fayette	.63	.39	T.	T.	....	.03	T.	.26	.03	....	.03	....	.08	T.	....	.15	.09	....	....	....	....	.21	T.	....	.07	....	T.	.49	.03	.03	2.52
Donora[1]	Washington	.79	....	T.	T.	T.	.10	.03	.04	.02	T.	.01	.04	T.	.03	.29	.10	.01	....	....	....	....	.03	.16	T.	.03	.03	....	.31	.01	.01	T.	2.07
Greensboro[2]	Greene	.74	.46	....	T	T.	.02	.12	.29	.05	.03	.01	T.	.14	T.	T.	.20	.03	....	....	.05	....	....	.20	T.	.02	.09	....	.02	.43	.02	.01	2.93
Greensburg, 2 S	W'moreland	1.03	.02	..	T.	T	.05	.10	.02	.02	T.	T.	.04	.02	.04	.06	.11	T	....	T.	T.	....	.15	.29	.04	....	.02	....	.14	.39	.03	T.	2.57
Irwin	W'moreland	1.13	.08	....	.01	.01	.05	.08	.03	.03	.03	.01	.10	.04	.05	.10	.23	.01	....	....	T.	....	.16	.12	.04	....	.03	....	10	.36	.04	.03	2.87
Meyersdale[2]	Somerset	.40	.13	....	....	....	.03	.17	.41	.02	.02	.04	....	.08	....	....	.30	.03	....	....	.03	....	....	.29	.05	.02	.07	....	....	.25	.02	.06	2.42
Murrysville // [1, 5]	W'moreland	.96	....	....	....	.06	....	.06	....	....	....	....	.07	....	T.	*	.33	....	....	....	....	....	.21	.03	....	....	....	....	.30	.10	.06	..	§2.18
Newell[7]	Fayette	.05	....	....	.06	....	....	....	.11	.06	....	....	.04	....	....	.06	.03	.01	....	....	....	....	....	.04	....	....	.08	....	....	.24	....	....	§§
Pittsburgh Arpt // [1, 5]	Allegheny	.98	T.	.03	.03	.03	.05	.17	.01	.09	.01	.02	.06	.01	.02	.24	.09	T.	....	....	T	....	.26	.18	.07	.09	.04	....	.42	.07	.05	T.	3.02
Rices Landing[2]	Greene	.94	.40	....	.03	T.	.05	.08	.17	.05	.01	....	....	.07	....	.01	.26	.05	....	....	T.	....	....	.16	.02	.01	.12	....	.02	.33	.02	.03	2.83
Somerset	Somerset	.52	.04	.02	T.	.04	.02	.25	.26	.03	.01	.02	.08	.04	T.	.16	.12	.02	....	....	.02	....	.11	.18	.16	....	.04	....	.06	.30	.14	.03	2.67
Springs[6], 1 SW	Somerset	.52	.01	T.	.01	T.	T.	.24	.37	.05	T.	T.	.07	.06	T.	.20	.18	T.	....	....	.05	....	.20	.10	.06	T.	.08	....	.11	.28	.03	.03	2.65
Uniontown	Fayette	1.12	....	.03	T.	T.	.04	.14	.27	.06	T.	....	.07	.05	....	.04	.08	T.	....	T.	....	....	.21	.10	T.	....	.14	....	13	.46	.04	....	2.98
Waynesburg	Greene	.84	....	.05	....	....	....	.18	.11	....	T.	....	.08	....	....	.14	.28	....	....	....	....	....	....	....	T.	....	.17	....	....	.19	.05	....	2.09
BEAVER																																	
Beaver Falls[2]	Beaver	.58	.28	T.	T.	T	.05	.12	T.	.05	T.	T.	T.	T.	...	T.	.09	T.	T.	....	..	...	T.	.21	T.	T.	.03	T.	....	.35	T.	T.	1.76
Butler	Butler	.67	.35	.01	T.	....	.07	....	....	....	....	....	.05	.02	....	.04	.09	...	....	....	....	....	....	.06	.02	....	....	....	....	.21	.02	....	1.61
Farrell[2]	Mercer	.51	.10	....	T.	....	.05	.13	....	.03	....	.02	....	.04	....	....	.12	....	....	....	....	....	....	.18	.01	....	....	....	....	.18	....	T	1.37
Greenville	Mercer	*	*	*	*	*	*	*	2 01	....	*	....	*	*	....	*	.16	....	....	....	....	....	.12	.10	T.	....	T.	....	.04	.09	T.	....	§§§
Jamestown[2], 2 NW	Mercer	.40	.04	T.	.10	T.	.01	.07	....	.03	....	.01	....	....	....	.08	T.	....	....	....	....	....	....	.15	.01	T.	T	....	....	.14	T	T.	1.04
Mercer Arpt.[3], 2.5 NE	Mercer	.36	.01	.07	.03	.04	.01	.04	.02	01	.01	T.	.07	T.	T.	.08	T.	....	....	....	....	....	.13	.04	.01	T.	T.	....	.13	.03	.03	.02	1.14
New Castle, 1.5 N	Lawrence	.80	T.	T.	T.	T.	.07	.12	T.	.06	T.	.01	.03	.02	T.	.02	.13	.01	T.	....	....	....	.03	.21	.06	.01	.02	....	....	.11	.19	.02	1.92
Pennline, [2], 1 S	Crawford	.38	.05	....	.10	T.	.01	.18	....	.06	....	.03	....	....	....	.17	T.	....	....	....	....	....	.02	.18	.04	.04	....	....	.09	....	T.	1.35
OHIO																																	
Claysville[2]	Washington	1.19	.17	....	....	....	.05	T.	....	.13	T.	....	....	.09	T.	T.	.38	T.	....	....	....	....	....	.19	.04	T.	.08	....	....	.31	.02	.06	2.71
Coraopolis[2], 1 E	Allegheny	.88	.17	.01	.02	T.	.03	.09	T.	.02	T.	T.	....	.02	T.	.02	.30	....	....	....	T.	....	....	.11	T.	T.	.01	T.	T.	.45	.01	.02	2.16
Midland[2]	Beaver	.82	.25	....	....	T.	.02	.13	T.	.04	T.	T.	....	.01	....	.05	.21	T.	....	....	....	....	T.	.15	.01	T.	.01	....	....	.22	T.	.03	1.95
Mt. Lebanon[6]	Allegheny	.85	T.	T.	.06	.02	T.	.12	....	.05	T.	T.	.04	....	.02	.23	.05	....	....	....	....	....	.22	.06	T	....	.04	....	.24	.16	.05	.02	2.23
Washington[1, 5]	Washington	.34	....	.04	....	....	.02	....	....	....	....	....	.09	....	....	.39	.08	.11	....	....	....	....	.12	.03	.02	.05	.05	.01	.25	.01	.03	....	§1.64
LAKE DRAINAGE																																	
Albion[2]	Erie	*	.45	....	.17	05	.10	.23	.02	.07	.10	*	.05	.05	....	.17	.06	.02	....	....	....	....	.01	.32	.13	.07	....	....	.18	....	.10	2.35
Erie[1, 5]	Erie	.97	....	.10	.17	.14	.10	.08	.02	.05	.09	.03	.05	.02	....	.24	.06	....	....	....	....	....	.29	.11	.02	T.	T.	....	.16	.15	.08	.08	3.01
Raymond[1, 5]	Potter	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.07	....	....	....	....	....	....	....	.03	....	....	....	.04	.08	....	.01	§§

[See page 8 for explanation of reference marks.]

Daily Temperatures for January 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion	Maximum	28	18	26	23	18	....	32	29	26	18	22	40	31	31	32	31	24	29	32	....	31	30	30	25	15	25	....	40	.....	.....	19	27.1[c]
	Minimum	10	0	0	10	10	....	16	20	11	2	4	4	20	17	17	20	− 3	−11	3	9	0	10	13	7	−16	− 8	−13	....	.....	10	5	6.0[c]
Allentown Arpt.[3-4 NE]	Maximum	49	20	30	41	26	20	24	37	31	21	25	32	35	26	25	30	29	28	32	36	30	34	33	29	11	17	29	29	31	29	18	28.6
	Minimum	20	9	6	18	14	12	11	17	6	5	6	6	25	17	13	19	12	9	15	0	1	13	28	0	− 4	− 2	6	12	15	8	6	10.4
Allentown /	Maximum	50	23	31	43	26	24	25	36	33	27	28	33	36	32	28	31	33	31	36	36	31	36	35	34	9	20	30	32	34	32	21	30.8
	Minimum	27	14	9	13	17	13	13	15	17	9	10	11	20	21	16	16	22	14	14	11	8	7	17	13	− 1	− 2	5	12	15	14	10	12.9
Altoona-4.5 W	Maximum	37	25	33	35	33	22	23	35	33	18	23	40	38	29	27	30	27	35	33	32	38	35	32	24	15	18	26	25	28	25	24	29.0
	Minimum	23	2	− 1	23	10	9	13	21	14	2	9	7	28	19	23	21	16	7	15	16	15	21	20	11	− 5	1	4	16	19	11	2	12.7
Arendtsville[6]	Maximum	43	25	35	45	37	26	39	36	35	20	28	32	36	32	30	35	36	30	36	35	30	38	37	32	22	32	34	33	32	35	26	32.7
	Minimum	25	8	6	21	15	16	19	25	18	10	8	7	32	28	28	28	23	4	12	19	12	23	28	16	4	2	16	20	25	8	7	16.5
Berwick /	Maximum	42	15	27	39	25	23	24	35	28	16	23	32	33	30	33	30	31	25	26	27	27	32	32	27	15	20	22	26	32	27	18	27.2
	Minimum	31	10	0	6	12	10	10	20	18	1	1	6	21	22	21	24	22	0	− 2	5	2	8	16	21	− 4	− 5	− 2	4	4	12	4	9.6
Bethlehem[1]	Maximum	47	23	30	42	25	32	19	35	32	21	26	32	35	26	28	30	30	29	34	37	30	34	34	28	12	19	28	30	31	31	25	29.6
	Minimum	23	11	11	23	16	13	12	23	11	9	14	16	26	20	17	22	15	13	21	15	14	22	24	5	− 2	4	13	19	23	16	10	15.5
Bradford-4 W	Maximum	35	29	26	29	21	13	29	29	27	18	22	36	35	25	30	29	26	30	33	32	36	33	28	22	8	15	27	27	27	22	19	26.4
	Minimum	22	− 4	−10	20	2	−13	12	19	7	0	8	6	20	14	22	19	5	−22	3	− 2	− 9	6	17	3	−27	−20	− 9	− 1	16	5	2	3.6
Brookville[3]	Maximum	35	8	31	31	19	18	30	32	25	16	24	37	29	29	30	29	27	29	34	35	34	30	28	24	13	18	23	28	26	21	13	26.0
	Minimum	6	− 1	2	7	5	5	18	25	4	− 1	4	24	25	23	25	17	− 4	− 9	4	3	3	17	20	− 4	−11	− 7	−10	11	13	6	3	7.2
Burnt Cabins[1-2 NE]	Maximum	39	18	36	42	30	25	26	43	34	24	28	40	38	30	28	32	38	32	38	42	36	42	36	34	30	20	24	32	33	31	34	32.1
	Minimum	17	4	5	26	14	17	17	23	14	8	9	11	30	26	27	27	11	− 2	10	12	8	22	27	11	− 2	2	3	18	20	9	6	13.9
Butler	Maximum	40	32	22	33	31	21	35	33	33	24	20	40	40	34	35	33	33	28	30	34	37	35	31	27	21	20	20	30	31	28	22	30.1
	Minimum	29	0	2	23	11	11	16	15	18	3	3	15	28	27	27	27	16	4	10	14	9	20	20	19	−12	2	−10	18	17	11	5	12.6
Canton / -1 NW	Maximum	38	12	25	34	19	21	33	42	20	19	21	33	26	21	29	25	29	22	27	28	30	30	28	22	12	11	25	22	29	25	19	25.0
	Minimum	25	0	− 1	0	− 1	0	0	17	19	− 5	− 5	5	14	9	9	17	14	− 1	− 1	7	7	8	17	17	−11	−10	− 7	3	7	8	1	5.2
Carlisle	Maximum	37	35	29	42	40	24	26	36	35	20	25	30	34	30	25	34	35	33	34	33	27	32	37	35	20	22	32	32	34	33	27	31.2
	Minimum	29	8	3	14	11	10	10	20	13	5	6	1	22	25	22	22	18	7	5	17	2	13	25	20	0	2	6	11	19	− 1	4	11.9
Chambersburg[6-1 SW]	Maximum	38	24	35	43	38	27	27	36	35	21	27	34	35	31	31	35	37	33	36	33	33	39	37	32	20	20	26	30	31	34	33	32.2
	Minimum	24	11	12	21	20	15	16	22	19	12	14	9	30	25	25	25	23	14	12	15	7	22	27	15	4	9	9	19	23	8	7	16.6
Clarion[6-3 SW]	Maximum	38	23	31	32	22	19	31	31	29	18	22	38	37	30	33	30	28	31	37	37	37	31	30	24	12	18	27	31	30	23	19	28.4
	Minimum	20	− 1	− 8	20	4	3	17	25	12	− 5	1	3	26	24	26	22	14	9	1	− 1	0	17	20	9	−22	−13	−17	5	20	9	3	7.8
Claysville /	Maximum	32	23	34	34	25	33	39	33	24	16	40	42	30	39	35	30	31	33	38	33	38	34	30	28	20	22	32	34	24	25	17	30.6
	Minimum	31	− 1	− 1	22	12	14	15	31	23	1	3	13	29	27	26	29	20	4	8	19	12	18	23	20	− 2	− 2	− 6	− 4	22	2	3	13.3
Coalport /	Maximum	40	9	33	35	20	23	32	37	30	17	25	40	38	30	25	29	27	33	39	35	34	31	30	27	24	20	27	26	29	25	14	28.5
	Minimum	31	3	− 3	3	9	10	10	17	24	5	− 1	2	22	24	24	25	17	−10	8	4	5	9	15	13	− 4	−12	−10	− 5	16	12	4	8.6
Coatesville[6]	Maximum	50	34	35	45	39	27	24	35	33	20	25	36	37	32	34	33	32	26	37	33	34	33	36	33	15	18	28	35	34	33	29	32.1
	Minimum	33	13	10	24	19	14	19	22	18	9	11	10	31	23	24	27	24	9	21	20	13	19	27	14	− 1	6	10	15	26	15	9	17.2
Columbia	Maximum	37	30	35	47	47	31	25	36	34	30	29	34	37	34	32	33	39	33	40	38	34	32	36	36	24	25	31	33	36	34	38	34.2
	Minimum	30	14	8	22	17	15	17	22	27	8	8	8	32	27	27	26	29	10	11	20	6	12	28	24	0	5	11	10	24	8	8	16.6
Corry	Maximum	35	28	28	26	17	14	27	27	25	16	21	35	32	30	33	30	25	29	30	28	31	29	28	23	10	16	25	28	25	20	14	25.2
	Minimum	24	0	0	15	7	−18	14	23	9	3	9	13	16	14	22	19	− 1	−21	− 7	− 7	− 6	1	18	7	−17	− 7	−18	2	19	11	2	4.7
Coudersport	Maximum	19	21	26	32	30	17	26	39	32	16	23	36	36	27	28	28	29	34	37	34	38	29	30	27	9	14	26	23	26	24	21	27.0
	Minimum	7	0	− 9	24	− 5	− 9	10	16	8	− 3	0	6	19	12	20	18	8	−18	0	0	− 5	5	18	3	−25	−21	−17	− 3	17	9	1	2.8
Curwensville[3-6 NW]	Maximum	35	5	27	29	16	11	27	32	22	14	18	34	36	22	24	27	25	30	29	32	34	27	25	20	10	15	23	22	21	19	11	23.1
	Minimum	3	− 3	0	3	3	4	11	22	3	− 5	5	17	19	17	22	12	− 2	− 6	12	12	14	17	16	− 7	− 9	− 5	0	14	9	2	− 2	6.4
Derry	Maximum	47	26	35	36	32	36	36	38	33	20	25	44	38	40	36	34	28	38	41	37	39	35	35	29	17	22	26	35	35	26	25	33.0
	Minimum	25	1	5	31	15	11	28	32	20	5	11	16	30	30	32	24	15	2	14	23	21	25	22	16	−10	− 5	− 6	16	20	13	5	15.8
Donegal[1]	Maximum	45	9	32	34	23	33	36	34	29	16	23	48	38	36	32	30	25	35	42	34	38	34	30	26	15	17	29	35	29	25	15	29.9
	Minimum	6	0	1	14	11	13	23	28	8	4	10	11	26	26	27	23	10	3	16	16	14	25	18	6	− 6	− 3	− 8	17	12	8	2	11.6
Donora[1]	Maximum	45	14	37	39	28	35	40	38	34	19	26	45	42	42	40	35	31	30	44	36	40	36	32	32	20	23	30	36	25	27	18	32.9
	Minimum	12	4	10	22	19	19	35	34	12	9	12	25	30	32	35	25	16	12	24	26	21	26	25	15	5	10	5	25	16	14	8	18.8
Eagles Mere /	Maximum	40	8	25	33	16	17	27	39	24	13	20	30	28	28	30	25	27	24	29	26	36	29	25	20	5	11	23	22	29	23	17	24.2
	Minimum	25	1	− 4	− 3	1	− 1	− 1	15	20	− 5	− 4	2	13	12	15	18	13	1	3	11	10	15	20	15	−13	−13	− 7	0	10	7	− 3	5.6
East Waterford-3 E	Maximum	41	23	29	38	33	20	23	36	29	15	15	34	36	24	23	26	26	28	36	29	36	33	29	24	11	15	25	25	24	27	21	26.9
	Minimum	22	2	4	26	9	5	8	21	12	3	7	13	21	20	20	21	14	8	21	16	19	28	19	8	− 4	0	5	19	18	10	1	12.9
Ebensburg /	Maximum	33	15	32	32	21	25	32	33	20	12	23	38	38	30	26	26	22	31	35	32	35	32	25	20	10	10	34	34	22	21	10	26.1
	Minimum	31	− 1	− 3	9	10	9	10	20	20	− 1	− 2	8	23	15	24	24	15	2	3	13	13	12	24	18	− 6	− 6	− 1	0	18	10	− 2	10.0
Emporium / -1 E	Maximum	34	13	33	34	21	....	28	41	33	18	27	40	30	....	30	30	33	36	35	37	40	31	27	26	14	....	31	....	26	25	18	29.3[c]
	Minimum	8	5	− 7	6	− 1	− 1	3	....	20	5	3	8	26	.....	19	26	16	−14	12	− 3	− 3	9	14	19	−21	−22	−19	.....	.....	11	2	3.4[d]
Ephrata	Maximum	46	34	34	45	39	28	23	36	34	25	28	34	37	35	33	32	35	30	39	36	31	34	35	34	22	20	30	34	35	32	31	32.9
	Minimum	33	15	11	24	17	14	17	22	24	10	13	12	13	25	25	25	23	11	19	20	7	15	28	21	− 1	5	9	14	26	12	7	16.6
Erie[1]	Maximum	36	10	30	28	18	19	32	28	24	19	25	40	30	27	29	27	24	28	29	28	28	31	29	26	11	18	25	30	26	21	17	25.6
	Minimum	10	2	7	15	8	8	19	23	12	9	12	25	17	18	24	20	13	5	18	17	15	21	19	4	0	7	8	20	18	10	7	13.3
Everett[1-0.5 SW]	Maximum	38	18	38	43	31	26	30	36	35	20	26	42	40	30	30	34	30	22	37	38	39	38	30	31	22	24	30	32	31	34	18	31.4
	Minimum	14	3	2	29	14	14	16	25	15	8	3	3	30	26	26	25	17	0	9	9	6	19	24	11	2	5	7	15	18	9	5	12.9
Farrell	Maximum	36	33	27	30	22	20	31	31	27	17	20	40	38	33	34	33	24	26	34	34	29	32	32	28	14	17	23	30	29	22	22	28.0
	Minimum	7	− 5	2	8	8	10	20	26	5	2	5	20	22	22	31	22	15	− 2	13	11	11	22	22	7	−10	3	− 7	19	15	13	3	11.0
Ford City-4 S	Maximum	41	40	34	34	29	24	36	36	33	20	25	41	38	35	36	32	28	35	38	37	37	33	32	29	27	20	28	30	31	25	24	31.9
	Minimum	24	− 2	− 1	26	10	10	20	28	17	− 2	5	7	27	26	28	24	15	− 6	7	14	8	17	19	14	−13	− 5	−11	12	21	9	2	11.3
Franklin /	Maximum	32	14	34	33	21	25	33	29	20	17	36	39	31	33	35	31	26	34	36	35	34	33	27	25	14	19	28	30	29	22	17	28.1
	Minimum	31	1	− 1	14	7	6	10	21	17	4	4	11	26	24	24	28	18	− 4	− 4	5	5	5	22	20	−13	−14	−11	−11	13	12	4	8.8
Fredericksville-1 S	Maximum	49	28	30	42	39	25	19	35	34	20	25	32	34	25	30	28	30	30	35	35	32	33	33	29	22	18	28	30	34	30	27	30.4
	Minimum	31	10	2	16	13	10	12	18	20	5	2	10	30	20	20	20	20	8	8	10	5	13	27	13	− 5	− 5	9	8	23	6	5	12.4
Freeland	Maximum	43	30	23	36	34	18	25	33	32	9	20	28	33	24	30	25	26	24	29	27	30	32	28	21	7	14	24	27	27	24	22	26.0
	Minimum	28	2	0	18	5	2	9	21	8	− 2	0	10	20	21	16	20	14	− 1	9	8	10	20	18	3	−12	0	2	11	18	8	0	9.2
George School	Maximum	56	35	36	48	39	25	26	37	37	23	28	37	37	31	31	30	34	29	37	37	34	32	34	34	14	21	30	33	35	33	29	33.1
	Minimum	34	15	11	23	19	15	18	23	23	9	11	11	30	23	16	26	21	6	18	14	9	17	23	10	− 2	1	10	15	15	15	10	15.8
Gettysburg	Maximum	41	35	34	46	43	32	26	35	36	26	26	35	36	34	29	34	32	34	34	31	32	34	38	33	25	25	33	35	34	35	34	33.5
	Minimum	33	13	11	22	19	18	18	24	20	12	15	8	34	29	27	25	24	2	12	25	3	22	31	25	5	8	13	18	26	13	8	18.2
Gordon	Maximum	45	13	28	41	21	17	26	39	36	20	25	29	33	30	32	30	33	29	33	32	33	33	28	11	17	27	31	32	33	31	16	28.5
	Minimum	25	7	− 9	14	11	10	13	23	15	4	− 2	− 2	28	25	21	25	20	7	4	4	0	15	25	14	− 5	1	10	1	22	0	5	10.7
Greensburg-2 S	Maximum	40	23	35	36	34	33	37	35	35	19	24	42	37	40	38	35	28	29	40	37	38	35	34	30	17	20	30	35	34	25	22	32.2
	Minimum	23	2	- 2	28	24	15	28	32	18	− 2	11	8	30	29	27	25	18	0	14	27	14	25	22	16	−11	− 9	−11	15	21	10	6	14.6
Hanover /	Maximum	47	22	37	49	33	25	28	35	35	22	28	38	36	36	32	34	38	33	36	35	33	37	33	33	20	26	33	35	35	35	21	32.9
	Minimum	31	13	13	19	21	18	18	21	27	11	12	14	23	28	26	26	21	10	13	17	12	15	27	27	4	3	8	10	27	14	8	17.3
Harrisburg Arpt. [1-3.5 S]	Maximum	41	20	35	45	31	26	26	37	33	21	26	33	36	33	30	33	35	29	39	32	34	37	37	32	17	23	31	31	33	35	21	31.4
	Minimum	20	9	10	22	18	14	17	25	15	12	14	15	32	26	26	25	21	13	19	16	10	21	28	9	4	6	11	16	20	8	6	16.4
Hawley-0.5 E	Maximum	46	34	29	40	36	20	19	37	34	13	24	32	32	30	32	29	27	24	29	32	35	26	31	26	10	14	25	30	28	28	23	28.2
	Minimum	32	10	0	13	12	2	9	18	11	− 2	− 3	− 2	29	22	10	19	16	− 2	5	− 6	− 3	1	21	5	− 7	−12	1	1	22	11	2	7.6
Hewitt-2 SW	Maximum	37	31	40	40	41	36	34	39	36	24	25	38	40	36	31	34	34	43	44	38	41	40	41	30	29	28	37	37	32	35	32	35.6
	Minimum	31	8	5	19	18	19	19	24	22	8	9	10	33	29	27	27	23	6	15	9	7	18	20	25	4	3	2	17	25	4	7	15.9
Holtwood[1]	Maximum	48	25	39	47	34	25	28	34	35	25	28	37	36	34	34	34	30	37	34	37	34	37	35	18	23	30	35	34	38	28	33.1
	Minimum	25	14	14	27	22	20	23	26	17	13	14	14	34	28	28	28	25	16	22	19	14	23	28	12	5	10	16	19	26	15	10	19.6
Huntingdon	Maximum	35	31	38	41	30	25	26	39	34	19	26	31	35	30	29	34	36	35	34	38	33	35	35	30	20	23	31	27	32	31	23	31.2
	Minimum	31	7	− 4	19	15	13	16	24	17	7	8	2	29	26	27	27	21	− 5	7	17	5	17	27	9	0	3	4	13	22	17	8	13.8

Continued on page 7.

Daily Temperatures for January 1945—Continued from page 6.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	42	11	32	31	28	30	37	34	33	18	21	40	37	37	38	34	25	28	37	34	38	32	31	26	12	17	25	34	34	23	21	29 6
	Minimum	23	1	0	25	12	12	24	29	17	2	8	13	28	28	29	23	17	0	18	19	16	21	19	13	− 5	1	− 2	16	21	10	3	11.2
Irwin	Maximum	40	27	34	34	32	34	36	34	33	20	24	40	38	36	37	34	34	30	37	34	36	36	33	29	20	20	22	34	34	25	25	31.7
	Minimum	27	0	3	30	15	14	16	31	20	0	12	15	15	28	30	25	16	0	14	19	18	28	23	20	− 5	− 1	− 3	20	22	10	5	15 1
Jamestown/-2 NW	Maximum	35	29	32	30	22	27	35	32	24	21	40	43	36	35	38	30	22	31	35	34	33	33	32	28	22	22	24	32	26	27	27	30.2
	Minimum	22	− 8	− 5	13	0	2	6	20	15	− 4	1	2	21	15	20	22	5	−10	− 7	1	− 1	0	18	15	−20	−18	−15	−15	19	8	− 2	4.0
Johnstown[6]	Maximum																																
	Minimum																																
Kane[1-1 N	Maximum	35	10	27	29	15	14	29	29	19	18	21	34	29	26	30	28	27	32	35	33	35	29	29	22	13	14	28	27	26	20	14	25.1
	Minimum	10	−10	− 7	10	− 5	−10	13	16	1	− 3	4	6	18	17	23	16	−10	−17	− 2	− 6	− 4	6	17	− 5	−28	−19	−15	1	1	5	0	0.7
Lancaster	Maximum	48	34	37	48	45	32	25	36	37	30	28	35	42	38	34	33	37	30	38	36	31	33	35	34	27	22	30	33	35	37	38	34.8
	Minimum	31	14	7	21	18	15	18	23	23	7	9	8	32	27	26	25	21	3	8	15	0	10	24	24	− 1	0	3	7	24	14	9	15.0
Lawrenceville	Maximum	40	32	27	37	30	20	27	46	30	22	28	35	35	22	32	29	31	25	32	33	34	29	31	24	10	17	27	21	32	30	22	28.7
	Minimum	22	7	5	20	− 2	− 4	10	22	5	−13	− 5	0	17	10	20	20	18	−18	2	7	− 6	3	17	4	−13	−23	−16	− 3	19	4	− 9	3.9
Lebanon	Maximum	41	18	35	46	29	20	27	37	33	25	28	34	34	29	31	31	35	34	38	38	34	36	33	30	15	20	29	30	33	35	20	30.9
	Minimum	26	12	6	15	16	14	14	17	22	10	10	12	22	25	25	24	24	10	11	13	7	11	21	23	− 1	− 3	6	9	17	10	5	14.0
Lewistown/-2 SW	Maximum	38	....	30	41	34	24	....	40	32	22	28	32	34	30	32	34	34	34	31	34	34	34	34	30	18	25	31	....	31	31	21	31.2[c]
	Minimum	25	2	....	12	18	12	14	23	....	12	10	16	17	14	26	28	26	10	12	15	13	18	24	....	6	7	10	12	21	....	9	15.3[d]
Lock Haven[6]	Maximum	36	34	28	38	34	21	25	39	32	21	29	29	32	30	30	32	38	30	34	35	31	26	32	29	19	24	31	25	33	30	25	29.9
	Minimum	31	7	− 5	12	10	9	15	23	17	9	4	7	22	21	26	27	20	− 4	8	6	5	14	22	10	−10	−10	− 4	9	19	12	2	10.8
Marcus Hook[1]	Maximum	58	33	40	46	44	31	30	36	37	23	28	41	42	33	32	34	36	30	35	36	36	38	40	37	18	21	32	36	37	38	35	35.3
	Minimum	31	17	16	34	24	18	24	28	19	14	19	21	32	25	27	27	23	16	25	26	21	26	31	14	5	10	17	25	29	22	15	22.0
Martinsburg[3]	Maximum	36	11	33	35	22	19	23	34	30	15	20	38	37	26	26	29	25	30	33	28	36	33	31	26	13	16	27	24	25	25	12	26.4
	Minimum	11	2	5	19	12	11	14	22	10	3	8	12	25	22	25	20	12	5	15	15	12	27	21	7	− 2	2	6	14	14	11	3	12.4
Mauch Chunk-1 SW	Maximum	39	39	21	37	38	21	20	39	....	27	22	28	34	34	30	29	29	29	32	32	29	....	33	33	26	13	27	29	31	30	28	29.6[b]
	Minimum	24	9	− 1	8	9	8	13	19	....	5	1	− 1	27	25	17	23	21	10	10	8	0	....	14	20	− 5	0	8	5	24	8	2	10.7[b]
Meadville/-1 S	Maximum	32	15	30	25	20	24	31	28	18	17	35	38	29	34	35	25	25	30	34	30	32	30	26	22	14	21	28	30	28	20	17	26.5
	Minimum	30	− 1	− 3	14	6	− 2	8	23	16	3	4	5	24	19	18	24	3	− 9	− 8	5	3	5	20	18	−16	−12	−11	−10	20	11	2	6.7
Mercer[3-2.5 NE	Maximum	37	7	29	31	19	20	32	28	24	15	25	38	28	32	33	28	23	30	33	30	35	30	27	24	11	16	25	30	25	20	13	25.7
	Minimum	4	− 4	3	3	6	5	20	23	2	− 1	4	25	21	23	27	19	− 4	− 5	10	8	6	19	18	− 2	−14	− 5	− 7	17	9	8	1	7.7
Middletown[1-1.5 W	Maximum	44	21	34	46	30	25	26	38	32	20	26	35	36	31	31	32	34	29	35	32	31	35	36	32	16	23	29	31	32	36	28	31.2
	Minimum	21	7	8	21	17	14	17	25	14	11	13	14	31	26	26	24	19	13	11	11	5	17	25	8	2	4	11	17	21	3	7	14.9
Midland[6]	Maximum	40	15	34	36	25	29	36	34	28	20	24	42	34	37	37	36	26	30	37	33	35	35	34	30	20	22	26	38	28	25	18	30.5
	Minimum	12	1	6	18	14	14	19	27	6	8	10	20	28	25	33	23	15	7	19	15	15	29	23	13	0	6	1	18	10	10	5	14.5
Montrose/-3 E	Maximum	42	10	25	33	15	15	22	37	23	13	20	31	26	22	32	23	20	16	24	22	34	27	24	21	1	8	....	....	....	....	15	22.3[d]
	Minimum	29	3	− 4	0	5	− 2	− 2	11	21	− 6	− 5	6	16	14	16	15	10	− 1	− 2	5	4	6	15	14	−12	−11	− 6	− 2	....	....	....	4.9[c]
Mt. Lebanon[6]	Maximum	41	12	33	34	24	28	35	33	28	17	26	41	37	35	36	33	30	25	36	33	38	32	32	28	19	22	28	34	27	27	18	29.7
	Minimum	11	0	4	18	14	14	28	28	6	2	9	2	27	28	32	22	15	6	19	19	16	28	22	11	0	5	0	22	10	10	5	14.6
Mt. Pocono[3-2 N.	Maximum	45	14	24	36	22	17	22	36	24	12	20	29	32	23	31	24	22	24	28	28	34	29	26	22	3	8	18	29	24	23	14	24.0
	Minimum	13	− 2	− 2	15	7	0	8	22	− 1	− 2	2	6	23	17	10	12	7	2	9	10	7	18	16	− 8	−13	− 6	3	11	9	8	− 2	6.4
New Bloomfield	Maximum	38	29	32	45	39	26	25	38	32	23	27	31	34	31	29	34	35	33	36	32	31	31	35	30	18	24	32	29	33	33	30	31.5
	Minimum	30	7	3	14	11	10	11	21	8	0	0	− 2	30	22	24	25	17	2	0	13	− 1	14	22	16	− 2	− 5	7	7	23	0	5	10.7
Newburg[1-3.5 NW	Maximum	28	18	32	42	32	22	30	42	34	24	28	34	34	30	26	34	36	42	45	43	37	38	38	30	20	18	36	34	34	42	18	32.3
	Minimum	12	10	10	20	18	12	14	22	16	10	10	8	30	26	24	25	22	13	11	13	11	22	28	16	6	8	12	18	18	12	6	15.6
New Castle-1.5 N	Maximum	38	31	33	33	23	26	35	35	26	20	40	40	37	37	35	28	29	31	38	36	34	33	33	24	17	21	25	32	26	24	21	30.4
	Minimum	31	− 5	0	25	10	12	22	23	18	3	2	16	27	23	28	27	9	− 1	11	9	10	21	20	17	−10	− 1	− 8	20	22	10	0	12.8
Palmerton[1]	Maximum	47	21	27	40	25	19	23	36	31	19	26	31	36	29	29	30	31	28	35	36	30	33	34	31	12	17	28	27	33	31	21	28.9
	Minimum	16	4	4	17	14	11	11	23	9	8	7	5	29	23	18	22	14	6	14	2	4	17	23	2	− 2	− 3	12	8	14	14	7	11.4
Park Place[3-1 NW	Maximum	43	10	27	35	19	11	25	33	23	15	20	32	33	24	27	26	25	20	27	24	32	28	27	22	3	10	19	26	26	25	13	23.5
	Minimum	8	0	0	15	6	3	10	22	3	1	7	11	21	20	21	18	8	4	13	10	12	24	11	− 7	−12	− 4	4	12	16	9	1	8 5
Philadelphia Arpt [1]	Maximum	58	24	38	45	36	25	28	33	34	19	27	38	37	31	31	32	32	28	34	34	34	35	35	34	13	18	28	34	35	33	28	32.0
	Minimum	24	13	13	26	21	17	23	24	14	10	15	17	31	24	25	25	16	10	19	20	17	19	26	7	2	7	11	18	23	17	12	17.6
Philadelphia C.O.[1]	Maximum	57	26	37	45	36	26	28	35	35	22	28	38	39	31	30	31	34	31	35	38	35	36	37	34	15	21	29	33	36	33	23	32.7
	Minimum	26	17	16	33	22	17	23	25	15	13	19	22	30	25	27	26	21	15	25	27	23	29	28	8	3	9	16	25	23	20	13	20.7
Phila. Shawmont	Maximum	56	37	37	46	39	29	28	35	34	32	27	37	37	35	32	31	32	31	35	35	35	34	37	32	27	19	29	35	34	34	32	34.0
	Minimum	34	17	13	25	21	17	21	22	28	11	11	12	26	24	24	26	24	10	20	17	13	19	31	26	2	7	16	20	32	19	13	19.4
Philipsburg[3-7 E	Maximum	36	5	31	32	17	12	24	32	25	12	17	36	32	24	25	28	23	28	32	33	32	28	28	22	8	14	22	21	24	21	10	23.7
	Minimum	5	− 7	2	7	5	6	12	23	− 3	1	− 2	15	20	18	23	15	5	0	− 1	− 2	− 2	15	18	− 5	− 8	− 4	0	3	12	3	− 1	5.6
Phoenixville-1.5 SE	Maximum	55	42	38	49	44	45	40	40	42	40	33	37	37	36	37	31	36	40	43	44	36	31	36	34	29	24	35	37	39	40	40	38.4
	Minimum	33	12	8	23	20	16	19	21	24	9	10	10	33	24	24	24	23	10	20	19	10	12	28	24	0	5	9	16	26	11	11	17.2
Pittsburgh Arpt Sta.[1]	Maximum	39	11	33	34	23	31	34	33	27	18	24	41	34	35	35	31	27	26	36	34	37	32	30	28	16	20	28	31	25	25	14	28.9
	Minimum	6	0	6	15	14	13	28	27	5	4	12	23	27	26	31	22	14	11	21	23	20	29	21	9	2	6	5	21	10	9	4	15.0
Pittsburgh City Office[1]	Maximum	38	14	35	37	26	30	35	35	28	19	27	43	35	37	38	35	32	30	38	36	38	35	34	31	19	23	26	36	27	27	18	31.0
	Minimum	8	2	10	18	17	15	30	28	10	9	15	27	30	31	34	24	18	12	24	23	23	31	24	11	5	10	9	26	16	11	8	18.0
Port Clinton/	Maximum	44	16	27	40	26	21	26	40	30	22	21	35	35	28	30	28	32	26	34	32	28	35	32	28	10	13	27	27	32	32	21	28.3
	Minimum	34	12	− 2	12	15	12	12	16	20	9	6	7	20	27	24	22	20	12	12	12	4	20	20	22	− 2	0	12	8	12	8	8	13.4
Putneyville-2.5 SE	Maximum	39	18	30	33	20	19	31	32	29	14	24	38	36	30	30	29	23	25	33	32	33	32	30	23	14	15	23	29	29	20	18	26.8
	Minimum	18	− 2	− 3	20	8	7	19	27	10	− 1	5	6	26	24	27	21	14	− 5	6	10	7	20	20	8	−13	− 7	−10	11	20	10	1	9.8
Quakertown-0.5 E	Maximum	50	33	31	42	37	24	20	36	34	20	24	33	35	35	30	29	29	27	32	32	31	31	34	32	16	16	27	30	32	29	27	30.3
	Minimum	32	12	8	19	15	11	15	17	19	6	4	1	30	13	14	21	21	10	13	3	− 1	10	26	15	− 5	− 1	5	9	24	10	12	12.5
Reading[1]	Maximum	52	22	35	47	31	25	25	35	34	22	28	36	35	31	31	32	35	29	34	36	31	35	36	32	14	21	30	31	34	34	24	31.6
	Minimum	22	12	12	23	18	14	17	25	18	10	14	15	29	25	26	24	21	14	21	19	13	22	25	6	0	5	14	17	23	17	10	17.0
Ridgway/	Maximum	36	12	31	32	20	18	29	31	22	19	32	38	34	27	29	30	34	35	37	35	38	30	25	25	17	21	29	29	25	22	16	[e] 38.0
	Minimum	32	2	− 7	12	6	− 5	3	17	17	− 7	− 4	− 1	26	19	19	25	10	−15	−12	− 1	− 2	− 2	13	18	−20	−18	−18	−10	11	8	0	5.5
Scranton[1]	Maximum	48	21	28	40	21	18	24	37	29	15	23	31	32	27	34	29	26	20	26	29	32	29	31	24	6	11	23	28	27	27	21	26.3
	Minimum	21	6	5	21	10	6	13	24	5	3	9	9	24	23	20	17	12	7	14	14	9	13	22	− 1	− 5	0	8	8	21	14	5	11.5
Selinsgrove	Maximum	39	33	30	38	38	24	25	39	34	23	26	30	33	31	32	31	36	31	32	32	32	26	35	29	19	24	32	30	33	31	29	30.9
	Minimum	31	8	− 4	21	12	11	15	21	12	0	− 1	7	29	23	25	27	20	− 4	2	4	− 3	12	19	16	− 4	− 9	4	3	20	9	4	10.6
Somerset	Maximum	45	18	33	33	30	30	32	36	33	16	22	41	36	37	31	29	23	38	42	37	39	35	32	25	14	19	31	34	33	23	22	30.6
	Minimum	18	− 1	1	29	12	15	20	31	15	− 4	7	10	27	25	28	23	17	− 5	9	23	9	20	19	14	− 1	−11	− 7	14	17	9	0	12 4
Springs[6-1 SW	Maximum	45	8	31	34	30	29	34	35	31	13	25	42	36	29	29	27	22	37	40	33	39	38	30	25	16	18	30	34	33	22	17	29.4
	Minimum	12	− 2	− 3	29	6	19	19	31	11	0	5	12	28	25	25	19	16	6	18	22	22	20	14	14	− 2	− 5	− 4	20	14	8	− 2	12.8
State College[1]	Maximum	38	13	31	37	21	17	20	37	36	17	21	38	38	27	28	31	29	30	31	31	33	33	32	25	13	20	28	26	27	26	15	27.4
	Minimum	13	2	7	13	10	9	15	20	7	6	10	16	27	20	23	20	15	5	14	11	11	24	22	5	− 2	4	8	15	16	9	2	12.2
Stroudsburg-2 E.	Maximum	48	40	28	44	40	25	20	43	40	25	30	30	36	36	30	28	34	36	38	40	36	35	36	34	22	19	30	32	35	35	31	33.4
	Minimum	32	12	0	15	11	7	10	18	20	− 3	2	2	29	19	4	20	20	− 5	5	− 4	1	11	16	24	− 5	− 7	6	5	24	6	− 2	9.5
Tamarack/-2 S.	Maximum	33	6	27	28	17	11	23	41	21	18	23	34	26	21	23	24	30	32	32	31	37	27	22	19	11	17	28	18	24	22	13	23.8
	Minimum	23	0	− 3	2	4	2	3	12	21	2	0	5	17	13	13	21	13	1	0	10	9	14	21	15	−13	−14	− 5	1	12	7	1	6.7
Tionesta/-1.5 SE	Maximum	31	19	31	31	19	32	31	28	19	16	36	38	31	33	32	27	26	32	37	37	37	30	26	19	15	16	28	28	25	21	16	27.3
	Minimum	29	− 1	−11	17	5	10	12	25	14	− 5	− 2	4	23	21	19	25	13	−13	− 4	− 5	− 2	15	19	17	−15	−15	−18	− 2	12	10	0	6.4
Titusville-2 S.	Maximum	36	23	28	29	18	15	29	29	26	14	20	35	35	30	32	30	23	32	36	33	34	28	28	23	12	14	27	27	28	21	17	26.2
	Minimum	23	− 3	− 2	18	3	− 2	15	23	10	− 1	4	11	19	19	21	19	6	−12	3	− 1	0	13	16	10	−13	− 3	−11	10	19	8	0	7.2
Towanda-1 E.	Maximum	46	31	27	43	34	18	25	36	28	22	26	33	33	24	33	29	32	25	31	32	33	23	33	26	11	16	28	23	33	29	23	28.6
	Minimum	30	8	− 1	16	10	3	12	23	5	− 6	4	1	20	13	19	19	14	− 6	3	6	− 3	3	20	2	− 8	−12	− 1	− 1	20	14	5	7.5

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	53	22	36†	37	33	35	38	37	34	21	29	43	38	44	39	36	31	33	42	39	42	37	34	33	23	23	32	37	35	28	25	34.5
	Minimum	22	3	5	33	18	18	32	33	21	5	15	15	31	30	32	26	22	13	23	30	20	30	25	21	6	1	−2	22	22	13	5	19.0
Vandergrift[1]	Maximum	39	16	35	35	25	30	36	36	32	18	25	42	40	37	37	33	31	30	38	36	31	34	34	32	18	23	25	34	31	26	19	30.9
	Minimum	14	2	6	19	14	13	27	30	13	6	13	19	30	30	31	25	12	0	14	20	14	25	24	13	−6	1	−4	16	15	12	7	14.7
Warren	Maximum	23	20	28	27	16	17	28	27	25	15	22	33	31	28	33	28	26	27	32	32	35	27	26	22	12	16	26	26	25	20	15	24.8
	Minimum	20	2	−1	14	5	−2	15	16	7	4	7	15	19	19	22	18	11	−7	−6	4	3	12	19	3	−13	−3	−3	10	20	10	3	7.8
Waynesburg	Maximum	48	16	35	35	29	32	36	34	32	18	27	43	38	39	37	34	28	33	39	38	40	36	32	29	25	25	33	34	33	25	20	32.4
	Minimum	15	−2	2	28	15	15	27	30	18	0	10	18	27	26	30	22	20	4	16	23	15	28	23	24	1	5	−6	20	17	3	3	15.4
Wellsboro/	Maximum	36	12	31	35	21	16	26	47	22	23	27	32	27	21	29	26	26	26	31	28	34	31	26	23	9	14	24	24	29	21	19	25.7
	Minimum	27	6	0	6	5	−6	1	15	21	−7	−6	−2	17	11	10	20	17	−14	−14	3	−3	−4	11	18	−10	−20	−20	−6	2	10	2	2.9
West Chester	Maximum	52	32	36	48	38	27	26	33	35	24	28	35	36	32	32	31	34	29	36	36	34	33	35	33	20	21	31	34	35	34	30	32.9
	Minimum	32	15	11	27	19	14	20	20	24	9	12	13	32	22	22	23	20	10	20	23	16	21	29	20	−1	5	11	16	27	14	9	17.9
Wilkes-Barre[3]	Maximum	46	28	28	40	22	19	24	40	30	22	28	32	34	28	34	28	30	22	30	31	36	29	33	28	10	16	28	26	32	28	20	28.5
	Minimum	20	5	‖	19	11	8	16	19	−2	−4	6	6	22	22	17	20	9	−1	7	8	4	10	22	−1	−10	−13	−1	5	18	10	17	8.8
Williamsport Arpt.[3-4] E	Maximum	40	20	26	37	24	19	25	39	30	18	26	30	31	29	30	30	34	28	34	34	28	28	33	27	14	19	29	22	32	25	19	27.7
	Minimum	14	−1	−4	15	6	7	16	19	9	2	1	17	15	21	24	18	16	2	7	2	2	13	21	−2	−5	−8	5	6	19	5	13	8.9
Williamstown	Maximum	46	32	33	43	40	25	24	38	35	25	25	31	34	33	30	30	33	30	34	34	34	33	34	28	18	19	27	31	30	31	29	31.3
	Minimum	30	6	−2	19	12	10	12	21	18	7	4	4	29	25	24	24	20	10	11	8	2	16	25	16	−4	4	10	12	22	9	5	13.2
Woodward[3-2] NE	Maximum	37	6	27	34	17	10	22	37	25	17	20	33	33	26	23	25	29	27	32	30	32	30	26	20	9	15	23	21	22	23	10	23.9
	Minimum	4	−1	0	8	4	4	10	21	4	2	7	16	19	18	20	14	9	5	17	10	16	23	16	−6	−10	−2	2	14	10	1	−1	8.2
York-3 SW	Maximum	47	34	39	48	44	31	25	35	35	30	27	35	48	36	31	33	38	35	40	38	35	35	37	33	27	25	33	35	35	36	34	35.3
	Minimum	33	14	9	23	19	18	20	23	19	7	7	9	33	28	26	27	23	0	7	20	1	17	29	25	0	2	−3	10	22	2	−3	15.1

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.52	17	29.47	1	8.9	27	w.	1	88	84	90	37	1413
Harrisburg	30.45	11	29.28	1	8.4	34	nw.	24	73	58	68	44	1277
Philadelphia	30.51	3	29.10	1	9.8	39	nw.	24	78	63	70	45	1247
Philipsburg	30.44	18	29.35	1	11.6	34[a]	w.	31	88	74	84	.....	1560
Pittsburgh	30.49	11	29.46	1	9.8	36	nw.	24	89	76	82	30	1340
Reading	30.49	3	29.14	1	12.0	54	nw.	24	74	56	56‡	55	1260
Scranton	30.48	3	29.20	1	7.0	31	nw.	24	85	75†	....	51	1430

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.2	6.8	26	2.7	20†	18
Easton	Delaware	4.5	11.9	3	2.4	1	22
Lehighton	Lehigh	.....	.....	.....	3.3	1	9
Reading	Schuylkill	4.0	6.1	2	3.1	26	13
Wilkes-Barre	N. Br. Susquehanna	.....	.....	.....	4.4	1	22
Williamsport	W. Br. Susquehanna	2.8	5.7	4	1.5	28	20
Newport	Juniata	5.2	6.4	3	4.4	28	22
Harrisburg	Susquehanna	4.9	9.3	4	4.0	27	17
Schenley, (nr) Lock No. 5	Allegheny	13.8	17.4	2	12.6	28	24
Sutersville	Youghiogheny	5.6	11.6	2	4.1	25	20
Charleroi (nr.), Lock No. 4	Monongahela	15.9	28.8	2	12.4	29	30
Pittsburgh	Ohio	•	20.1	2	•	.....	25
Midland, Dam No. 7	Ohio	•	25.5	2	•	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
‖ Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—5-8-45—975)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. L. FEBRUARY 1945. No. 2.

GENERAL SUMMARY.

February's weather was an anti-climax to the preceding month of the meteorological winter just ending. During the month, pressure systems began moving more to the north of Pennsylvania and as a result, the snowfall was slightly below normal and the temperature somewhat above the average. Nevertheless, the accumulated snowfall, December, January, and February of 53.7 inches, just equalled the record set in the winter of 1909-1910 and the average temperature was the seventh lowest of record, all-told, one long to be remembered.

At the beginning of February, numerous primary and a great number of secondary roads were closed by drifting and winter held a tight grip upon the State until the 6th and 7th. Great anxiety was felt by the public, as the prospects of disastrous flooding seemed imminent due to the extremely heavy snow cover existing. Fortunately, there was a period of 10 days with mild, open weather and by the 16th much of the snow in the valleys in the lower half of the State melted slowly and percolated into the ground without resulting in much run-off, since most of the ground was frost-free, having been protected from freezing by the snow blanket.

Spring-like weather was terminated abruptly on the 17th, in time to check heavy run-off from the deep snow cover of the northern counties, which was ready to release its burden of water with only a little additional heat. Winter's return was of short duration and by the 22d, warmer weather began melting the snow cover again. From this run-off most of the ice moved out of the Allegheny River, except its upper portion and some movement occurred in the Susquehanna River Basin. Although the ice was not extremely heavy, river stages were too low to carry the ice burden and jams formed notably at Kinzua, Hyman, and in the vicinity of Columbia and Marietta. No trouble occurred on the Delaware River as ice cutters opened a channel to Trenton on the 20th. Continued warm weather and moderate rainfall produced additional runoff on the 27th and 28th with a crest not quite 3 feet over flood stage at Pittsburgh and under bankful elsewhere, except backwater due to the heavy ice jam in the vicinity of Columbia-Marietta was a little more than one foot higher than the 1936 stage at that point.

As the month closed, a few secondary roads were still blocked by drifted snow of the hard winter but most of the ground was bare. Ground water was satisfactory, having been replenished by the melting snow. Farm work was way behind schedule but from appearances, the agricultural outlook was most promising.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 83 stations was 29.1°, which is 0.7° above the 58-year normal for February. The highest monthly mean was 36.8° at Marcus Hook, and the lowest was 22.8° at Montrose. Extremes ranged from a maximum of 71° at Uniontown on the 15th, to a minimum of −14° at Coudersport, Lawrenceville, Phoenixville, and Somerset on the 4th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 203 stations, was 2.66 inches, which is 0.15 inch below the 58-year normal for February. The greatest monthly amount was 5.31 inches at Portland, while the least was 1.26 inches at Burnt Cabins. The greatest amount recorded in any 24 consecutive hours was 1.95 inches at Portland on the 8-9th.

The average snowfall for the State was 8.5 inches, which is 2.1 inches below the 58-year normal. The greatest monthly snowfall was 27.5 inches at Corry. The greatest fall for any observational day was 10.0 inches at Dingmans Ferry and Hawley on the 8-9th.

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	28.4	63	−31	2.50	7.2	9	7	11	11
1889	23.0	60	−27	1.96	8.7	9	7	9	12
1890	37.0	79	0	4.32	5.6	11	6	8	14
1891	34.8	70	−7	4.61	5.6	12	6	8	14
1892	31.6	62	−18	1.75	6.3	9	7	7	15
1893	27.3	60	−16	5.92	26.4	14	6	8	14
1894	27.6	64	−24	3.53	22.7	11	8	9	11
1895	20.2	60	−26	1.22	13.2	6	10	10	8
1896	29.4	65	−21	4.90	10.5	11	9	7	13
1897	30.6	67	−14	3.28	10 3	9	7	8	13
1898	29.4	72	−16	2.23	6.1	9	8	8	12
1899	22.7	67	−39	4.05	23.6	12	8	7	13
1900	27.1	81	−17	4.22	7.0	11	8	6	14
1901	21.7	57	−22	0.96	7.9	8	10	9	9
1902	23.9	64	−24	3.99	14.3	10	9	7	12
1903	30.5	68	−17	4.49	10.8	10	10	7	11
1904	21.8	68	−27	2.41	6.8	11	10	7	12
1905	20.8	59	−25	1.70	9.7	8	10	8	10
1906	28.0	79	−21	1.70	6.8	7	12	7	9
1907	22.8	56	−20	1.91	15.2	8	12	7	9
1908	24.8	64	−29	4.65	23.6	11	10	7	12
1909	35.8	73	−9	4.84	4.0	14	6	7	15
1910	26.6	65	−22	3.59	15.0	11	9	7	12
1911	31.0	66	−8	2.27	11.1	10	7	6	15
1912	23.7	69	−27	2 20	6.5	8	11	8	10
1913	27.4	67	−9	1.84	5.7	9	12	5	11
1914	21.8	65	−27	2.78	23.5	10	11	6	11
1915	33.3	73	−9	3.90	2.0	9	9	5	14
1916	25.7	67	−22	3.08	14.3	12	8	7	14
1917	25.6	68	−29	1.46	8.0	10	9	9	10
1918	28.2	69	−34	2.46	2.9	9	10	8	10
1919	32.0	66	−7	2.23	4.7	11	12	6	10
1920	25.6	62	−20	2.44	18.3	11	9	8	12
1921	32.8	76	−15	2.59	15.4	10	8	8	12
1922	33.0	74	−19	1.99	7.7	10	9	9	10
1923	24.6	58	−20	2.16	11.7	12	8	8	12
1924	26.9	70	−25	2.94	16.3	10	11	7	11
1925	35.6	71	−11	2.16	2.1	8	11	7	10
1926	28.7	65	−13	4.06	23.3	12	7	6	15
1927	35.0	69	−8	3.48	16.5	13	7	8	13
1928	30.3	65	−11	3.42	6.7	11	10	7	12
1929	28.0	69	−20	2.87	11.7	9	10	8	10
1930	35.1	80	−18	2.69	3.9	11	9	6	13
1931	31.9	66	−16	1.98	5.2	9	11	5	12
1932	35.3	83	−8	1.64	2.9	10	10	8	11
1933	31.3	68	−15	2.30	9.4	10	12	7	9
1934	18.1	59	−34	1.31	14.4	7	13	7	8
1935	28.9	66	−26	2.67	14.4	12	8	7	13
1936	21.5	69	−27	2.33	12.3	9	11	7	11
1937	31.4	77	−12	2.32	6.5	10	9	8	11
1938	34.1	74	−4	2.85	3.9	12	8	6	14
1939	33.7	74	−10	4.45	6.2	13	10	6	12
1940	29.4	63	−19	3.16	19.3	13	9	5	15
1941	26.5	62	−14	1.04	7.6	8	10	7	11
1942	25.9	58	−21	2.62	9.4	10	10	6	12
1943	29.9	75	−27	1.71	7 8	12	9	8	11
1944	29.4	67	−18	2.00	9.4	11	8	7	14
1945	29.1	71	−14	2.66	8.5	12	6	8	14
Period	28.4	83	−39	2.81	10.6	10	9	7	12

Climatological Data for February 1945

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	28.7	−1.1	52	26	− 1	4	2.78	−0.52	1.01	26-27	4.1	11	9	10	9	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	28.9	+1.4	54	16	2	4†	2.77	+0.42	0.93	26-27	5.5	14	3	17	8	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	31.0[b]	.....	56	25	0	4	1.46	.....	0.48	26	7.5	7	12	5	11	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	77	29.6	−0.6	54	25	− 2	4	2.06	−0.83	0.52	26	8.5	10	12	4	12	ne.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	31.5	−0.3	53	25†	2	4	1.71	−0 93	0.67	26-27	3.4	9	8	9	11	ne.	William B Spear.
Coatesville	Chester	431	58	32.4	+1.8	53	25	8	20	3.14	−0.48	0.70	26	7.5§	10	5	6	17	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	3	24.4	.....	53	22	3	3†	3.97	.....	1.08	21-22	16.9	19	4	5	19	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	24.3	.....	43	16†	− 5	1	3.67	.....	1.44	21-22	9.3	7	6	11	11	se.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	27.8	.....	51	16	7	1†	1.63	.....	0.52	26 27	6.2	9	3	10	15	w.	U. S. Weather Bureau.
Emporium-1 E.	Cameron	1,100	59	26.5[e]	+0.7	55	22	− 8	4	2.68	−0.15	0.96	21-22		9	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	32.4	+1.9	53	25†	5	4	2.75	−0.12	0.77	26	5.2	11	15	5	8	ne.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	29.8	+2.2	55	16	− 3	4	1.76	−0.45	0.59	26-27	6.0	10	10	4	14	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	26.6	+2.0	47	27	5	19	2.29	−0.69	0.65	26-27	8.1	9	6	0	22	w.	Andrew B. Evansha.
George School	Bucks	184	39	32.1	+0.7	58	27	8	20	2.65	−0.16	0.78	21-22	8.7	10	12	3	13	w.	N. W. Swayne.
Gettysburg	Adams	500	72	32.4	+0.9	55	25†	− 1	4	2.18	−0.50	0.70	26	6.0	9	11	8	9	nw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	28.2	+0.9	50	27	− 8	4	1.83	−1.26	0.60	26	4.0	9	11	8	9	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	32 6	−0.5	58	26	8	1	2.10	−0.50	0.67	26-27	5.9	11	13	5	10	w.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	32.3	+2.1	58	26	8	4	2.02	−0.94	0.61	26-27	9.7	11	6	8	14	nw.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	35	26.3	+0.5	50	15†	−13	4	3.23	+0.61	0.72	8-9	19.2	12	9	13	6	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	33.3	+0.7	55	25	13	4	2.14	−0.27	0.61	17	8.0	9	8	9	11	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	30.8	+1.4	54	25	− 2	4	1.87	−0.74	0.72	21-22	2.6	7	5	7	16	nw.	Paul R. Yoder, jr.
Lancaster	Lancaster	255	58	31.4	+0.3	55	25†	− 2	4	2.46	−0.16	0.55	26	6.5	10	12	6	10	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	26.8	+1.9	54	22	−14	4	1.44	−0.28	0.78	13	7.0	7	7	10	11	n.	Carlos P. Darling.
Lebanon	Lebanon	469	61	29.6	0.0	54	25	3	5	2.41	−0.68	0.87	26-27	6.1	9	16	5	7	w.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	7	.....	.....	53	25	10	4	1.55§	.....	0.60	26-27	.....	7	4	13	11	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	29.0	+0.6	47	25	− 1	4	2.37	−0.17	1.07	21-22	8.5	9	11	3	14	e.	William R. Kelley.
Marcus Hook†‡	Delaware	12	19	36.8	+1.5	58	16†	17	19	2.59	−0.37	0.80	26-27	...	10	14	2	12	w.	Sun Oil Co.
Martinsburg	Blair	1,493	3	28.8	.....	52	22	5	4	1.68	.....	0.65	26-27	3.0	10	4	10	14	w.	U. S. Weather Bureau
Montrose-3 E.	Susquehanna	1,176	40	22.8[b]	+0.2	45	22	5	2†	2.90	+0.72	0.87	21-22	19.3	9	7	4	17	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	24.8	.....	45	15†	− 2	4	3.62	.....	0.87	21-22	13.0	18	0	24	4	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	29.1	+0.1	47	26†	0	4	1.96	−0.28	0.61	21-22	5.2	11	1	6	21	ne.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	4	33.8	+1.8	58	27	13	20	3.35	+0.03	0.81	26-27	7.9	12	7	2	19	nw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	23.4	.....	49	16	−14	4	3.26	.....	0.87	21-22	11.1	16	3	5	20	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	33.1	+0.7	57	27	1	4†	2.93	−0.06	0.86	26-27	7.0§	11	8	12	8	nw.	Phila.-Suburban Water Co.
Port Clinton†‡	Schuylkill	407	7	29.5	+0.1	51	25	0	4	2.40§	−0.92	0.98	26-27	4.0	6	19	6	3	n.	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	450	60	29.4	+0.6	54	27	− 5	4	3.18	−0.18	0.96	26	7.8	10	10	9	9	w.	John E. Benner.
Reading	Berks	273	75	33.4	+2.9	55	27	11	4	2 77	−0.65	1.02	26-27	7.0	11	7	6	15	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	28.5	+1.2	49	15	2	4	2.55	−0.49	1.19	22	10.9	13	3	11	14	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	29.2	+0.6	49	25†	− 5	4	1.73	−1.00	0.66	21-22	4.0	9	8	7	13	w.	Dr. George E. Fisher.
State College	Centre	1,217	60	29.6	+2.6	54	16	4	4	2.33	−0.24	0 80	21-22	4 6	14	6	6	16	w.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	29.6	+2.0	51	16	− 5	4	2.74§	−0.01	0.92	21-22	10.9	12	9	2	17	w.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	5	24.4	.....	49	22	− 2	1	1.87	.....	0.53	21-22	10.6	13	6	11	11	w.	James E. Swartz.
Towanda-1 E.	Bradford	754	51	27.2	+1.9	49	22†	−13	4	1.92	−0.02	0.68	13-14	9.4	16	5	12	11	e.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	23.2	−1.2	50	15	−11	5†	1.56	−0.60	0.55	13	8.6	11	7	11	10	w.	M. S. Bliss.
West Chester	Chester	440	96	33.1	+1.8	56	27	10	20	3.13	−0.55	0.70	26	8.8	11	9	11	8	nw.	Clyde T. Saylor.
Wilkes-Barre†‡	Luzerne	544	7	27.8	.....	50	15	− 4	4	1.93	−0.65	0.90	21-22	4.0	12	0	18	10	sw.	Civil Aeronautics Authority
Williamsport Apt.-4E.	Lycoming	520	1	27.5	.....	45	15	− 3	4	2.25	.....	1.05	21-22	.....	13	2	9	17	e.	U. S. Weather Bureau.
Williamstown†‡	Dauphin	775	29	30.0	0.0	53	27	0	4	1.51§	−0.52	0.56	26-27	.....	...	6	8	14	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	26.0	.....	47	15†	6	19	1.99	.....	0.68	21-22	4.1	10	6	2	20	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	32.8	+1.4	58	27	0	4	2.26	−0.46	0.60	26	5.6§	10	11	8	9	w.	York Water Co.
Division mean			....	**29.2**	.....	**58**	**16†**	**−14**	**4**	**2.39**	.....	**1.95**	**8-9**	**7.7**	**11**	**8**	**8**	**12**	w.	
Ohio Drainage																				
Bradford-4 W.	McKean	1,680	28	26.3	+0.1	54	22	− 9	4	3.29	+0.70	0 86	21-22	19.3	17	7	1	20	w.	City Water Dept.
Brookville	Jefferson	1,400	55	26.0	+1.2	52	22	− 7	4	3.90	+1.48	1.24	21-22	.....	15	2	4	22	w.	Civil Aeronautics Authority
Butler	Butler	1,077	32	30 6	+2.2	58	22	− 3	4	3.35	+1.00	1.31	21-22	6.7	12	2	10	16	nw.	Butler Eagle.
Clarion†‡-3 SW	Clarion	1,114	35	27.6[d]	.....	49[g]	15	− 9	4	3.73	+1.14	1.31	21-22	8.3	14	3	6	19	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	30.0	−1.3	68	15	2	4	3.31	+0.80	1.37	26-27	4.0	9	6	5	17	nw.	Walter B. Paget.
Corry	Erie	1,410	31	25.2	−0.2	52	22	−11	3	3.07	+0.08	0.75	21-22	27.5	16	4	6	18	nw.	J. Fred Kinley.
Coudersport†‡	Potter	1,653	21	25.7	+1.3	52	22	−14	4	2.81	+0.07	1.01	13	10.9	15	10	4	14	sw.	Potter Enterprise.
Derry	Westmoreland	1,150	48	34.0	+3.8	65	15	0	4	3.23	+0.21	1.35	26-27	5.0	14	6	11	11	sw.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	28.8	.....	62	15	0	3	3.57	.....	1.62	26-27	18.5	16	1	18	9	w.	Penna. Turnpike Comm.
Donora†‡	Washington	761	19	35.4	+1.1	70	15	10	4	2.79	+0.55	1.09	26-27	8.6	15	1	8	19	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	25.6	−1.6	53	15	− 2	4	3.05§	+0.28	1.05	26-27	5.9	14	4	4	20	w.	Miss Emma H. Eastman.
Farrell	Mercer	855	32	30.4	+1.9	54	15	2	4	2.91§	+1.01	0.87	21-22	3.5	11	8	11	9	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	2	30.6	.....	59	22	− 5	4	3.15	.....	1.03	21-22	4.5	10	4	3	21	w.	U.S. Engineers.
Franklin	Venango	987	71	26.1	+0.4	55	22	− 5	4	1.94	−0.76	0.90	21	10.5	11	6	8	14	s.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	36	33.4	+1.9	66	15†	8	5	2.94	+0.03	1.36	26-27	5.1	15	4	8	16	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	31.8	+2.2	55	16†	6	4	3.05§	+0.17	1.22	26-27	5.4§	13	11	2	8	sw.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	27.4	.....	59	26	− 4	4	2.14	−0.02	0.67	21-22	....	10	...	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kane-1 N.	McKean	1,750	30	23.3	.....	53	22	−10	6	2.48	−0.47	0.75	13	19.8	17	5	1	22	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	26.0	+1.6	51	22	− 3	4	2.78	+0.10	0.73	26	15.5	14	1	9	18	sw.	City of Meadville.
Midland	Beaver	780	9	32.1	.....	57	16†	9	4	3.32	.....	1.00	21-22	2.5	10	2	9	17	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	31.1	+2.3	58	22	− 2	4	3.04	+0.68	0.89	21-22	4 3	17	0	10	18	s.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	31.9	+2.1	65	15	8	1	2.78	+0.16	0.86	26-27	3.8	17	2	6	20	w.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	28.2	.....	56	22	− 3	4	3.89	.....	1.21	26-27	8.4	13	2	5	21	nw.	U.S. Engineers.
Ridgway	Elk	1,385	38	24.9	0.0	55	22	− 5	4†	2.85	+0.54	1.14	21-22	10.0	12	3	4	21	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	29.2	+2.2	58	15	−14	4	3.69	+0.08	1.44	26-27	11.7	16	3	7	18	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	28.1	+0.8	58	16	− 5	1†	4.56	+1.41	1.07	26	13.6	19	2	7	19	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	24.5	.....	54	22	− 5	4	3.71	....	1.37	21-22	11.8	17	5	3	20	n.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	26.4	.....	51	16	0	4†	3.35	.....	1.18	21-22	15.0	16	0	11	17	w.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	35.9	+3.1	71	15	3	4	3.52	+0 60	1.65	26-27	5.5	14	10	7	11	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	33.2	+1.6	62	22	3	4	2.68	+0.21	0.76	26	.....	12	4	15	9	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	26.4	+1.4	50	22	0	3	3.28	+0.70	1.20	21-22	11.5	16	5	11	12	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	33.0	+0 9	69	15	− 1	4	2.92	+0.59	1.13	26-27	3.5	12	0	13	15	w.	Thomas S Knox.
Division mean			....	**29.0**	.....	**71**	**15**	**−14**	**4**	**3.16**	.....	**1.93**	**26-27**	**9.5**	**14**	**4**	**8**	**16**	w.	
Lake Drainage																				
Albion	Erie	900	2	27.8	.....	52	15†	− 1	19	2.60	.....	0.67	21-22	.....	17	10	3	15	nw.	Samuel D. Lewis
Erie	Erie	705	72	28.6	+1.7	54	22	10	18	2.47	−0.11	0.55	26-27	14.0	16	1	5	22	w.	U. S. Weather Bureau.
State mean			....	**29.1**	**+0.7**	**71**	**15**	**−14**	**4**	**2.66**	**−0.15**	**1.95**	**8-9**	**8.5**	**12**	**6**	**8**	**14**	w.	

[See page 16 for explanation of reference marks.]

Daily Precipitation for February 1945

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike					.12			T.	.74					.48	T.						.18	.56	.32				.88					3.28
Hawley[2], 0.5 E	Wayne	T	.01			.21			.06	.66	.02				.60	.04	.08					.17	.51	.43	T	T		.44					3.23
Hollisterville[2]	Wayne	.04	.02			.12	T.		.06	.49	.05				.63	T.	.03					.22	.56	.35				.43					3.00
Lakeville[2], 1 N	Wayne		T.			*			*	1.06					.63	T.	.19					.18	.81	.09	T			.41					3.37
Matamoras[2]	Pike					.08			*	.84					.37		.14					.24	.29	.46				.66					3.08
Mount Pocono[3], 2 N	Monroe	.02	.05	.02	.13	.06			.71	.01	T.		T	.48	.13	.13				T.	.15	.08	.79	.10	.03		.46	.17	.10				3.62
Pleasant Mount[1, 5], 1 W	Wayne				.22	.05			.33		.06	.02		.36	.11	.21					.04	.15	.73				.55	.22	.13				3.18
Stroudsburg, 2 E	Monroe					.05			51	.13				.15	.34	T.	.02				T.	.11	.92	.03			.15	.63	*				§2.74
Tanners Falls[1, 5], 1 SE	Wayne				.24	.09	*	*	.53					.43	.09	.20					.04	.12	.99				.38	.26					3.37
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh	T.			.05	T		T.	.33	T.				.35	.04	T.					.07	.22	.57	.04			.88	.15	.08				2.78
Allentown[2]	Lehigh					T.			.11	.30					.40							.11	.60	.33			.01	.96					2.82
Bethlehem[1]	N'rthampton				T.	.01			.31					.14	.03	T.		T.			.11	.06	.75	.05			.77	.17	.11				2.51
Blakeslee Corners[1, 5]	Monroe				.09				.24					.30	.14						.11	.05	.70	.05			.26	.09	.08				2.11
Gouldsboro[2]	Wayne		.03	.02		.19			.05	.28	.03				.34	.02	.13					.20	.71	.44				.61					3.05
Lansford[2]	Carbon					.07			.06	.14	T				.35	T.						.12	.58	.32				.60					2.24
Mauch Chunk, 1 SW	Carbon					.01			.30	T.				.18	.20	.06						.13	.95	T.			.51	.28	T				2.62
New Tripoli	Lehigh				T.	.04			.25	T.				.21	.17		T.					.18	.77	.02			.63	.32	.12				2.71
Palmerton[1, 5]	Carbon				.04				.14					.25	.14	T.					.07	.07	.54	.01			.47	.10	.13				1.96
Zionsville, 1 SW	Lehigh					.04			.31	.06				.14	.06			T.				.13	.65	.05			1.31	.36	.08				3.13
SCHUYLKILL																																	
Conshohocken	Montgomery					.08			.06					*	.56			.36			T.	*	.83	*.10*			.04	*	.78				§2.81
Fredericksville[2], 1 S	Berks					.03			T	.33				T.	.29			T.	T.			.19	.50	.10			.40	.87					2.71
Gratersford[2]	Montgomery					.14			.06	.21					.53			.03	.27			.41	.25	.18			T	.79	.21				3.08
Phoenixville[2], 1.5 SE	Chester					T.			.09	.12					.57		T.	.13	.18			.17	.40	.32			.67	.86	.02				2.93
Port Clinton[2]	Schuylkill								T.	.15					.20							.16	*.69*	.22	T.			.98					§2.40
Pottstown[2], 0.5 S	Montgomery					.06			.12	.22				T.	.44			.09	.09			.28	.46	.23	T.		T.	.88	.04				2.91
Pottsville[2]	Schuylkill					.05	T.		.05	T.	T.				.34	T.						.11	.73	.16				.50					1.94
Reading[1, 5]	Berks				.05	T.			.18					.23	T.	T.		.16			.17	.28	.48	.06			.84	.21	.11				2.77
Wernersville	Berks					.02			.10					.27	.03	T.		.11			T.	.23	.64	.02			.78	.33	.15				2.68
LOWER DELAWARE																																	
Coatesville[6]	Chester					T.			.14					.45				.55			.15	.13	.51	.07			.70	.22	.22				3.14
Doylestown	Bucks					.05			.29					.12	.21			.18				.25	.52	.06			.79	.27	.07				2.81
George School	Bucks					T.			.30					.13		T.		.18			.19	.16	.73	.09			.55	.19	.13				2.65
Marcus Hook[2]	Delaware					.04			.18	.15				.03	.50			.10	.20			.54					.05	.80	T.				2.59
Philadelphia Airport Station[1, 5]	Philadelphia				.01	T			.25					*.51*	*.02*			.52			.08	.18	.61	.14			.60	.26	.17				3.35
City Office[1, 5]	Philadelphia				.02	.02			.33					.41	.03		T	.60			.08	.22	.66	.11			.40	.16	.11				3.15
Shawmont	Philadelphia					.07			.22	T.				.20	.12			.36				.11	.83	.10			.60	.25	.15				3.01
Quakertown, 0.5 E	Bucks				T.	.02			.42					.38	.16			T.				.19	.69	.07			.96	.22	.09				3.18
West Chester	Chester					.07			.20			T.		.34	.04			.53				.36	.41	.08			.70	.19	.21				3.13
West Grove[2], 1.5 SE	Chester					.03			*	.12	T.		*	.24			*	.63			.06	.32	.36	T.		T.	.92	T.				2.68
Susquehanna Basin CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga														.42		.20						.02	.47				.12					1.26
Covington[2]	Tioga					.03																											
Lawrenceville	Tioga				T	.05				T.			I	.29	.49	.14						T.	.32				.05	.10	T.				1.44
NORTH BRANCH																																	
Berwick[2]	Columbia																																
Canton[2], 1 NW	Bradford					.09				T.	.04	.16			.57		.05				T.	.06	.52	.05				.33					1.87
Danville[2]	Montour									T.					.52							.16	.60	.11				.44					1.83
Freeland[2]	Luzerne			T.		.08			T.	.15	T.			T	.45	.03	T.					.20	.45	.23	.05			.65					2.29
Hop Bottom[2], 2 S	Susquehanna		.03	.01		.18				.01	.18				.46		.22					05	.66	.01	.01			.51					2.33
Millville[1, 5]	Columbia													.09	.10						.20	.09	.78				.44	.03	.04				1.77
Monroeton[2], 2 S	Bradford	T.	T.	T.	T.	.08			T.	.05	T.	.02			.49	.02	.19		T.		T.	.04	.56	.22	T.	T.		.25					1.92
Montrose[2], 3 E	Susquehanna		.08	.07		.24			T	.31	T				.61	T.	.12			T.	T.	T.	*	.87	T.			.60					2.90
Orwell[2], 3 N	Bradford	.02				03				.04	.05	.03			.51	T.	.16					.66	.64	05				.51					2.10
Park Place[3], 1 NW	Schuylkill		T.		.05	.01			.10	T.			T.	.13	.08	.01					.00	.07	.50	.08	T.		.29	.29	.05				1.72
Pikes Creek[1, 5]	Luzerne				.13	.02	*	*	*	*	*	.12		57	.10						.10	.06	1.01				.55	.14					2.80
Scranton[1, 5]	Lackawanna	T.	.03	T.	.05	T.			.25	T.	.06			.22	.0.	.08			T.	T.	16	T.	1.10	.01	T.		.23	.24	.05				2.55
Susquehanna[2]	Susquehanna																																
Towanda, 1 E	Bradford	T.	T.	T.	.01	.04			.03	.01	.02	.03		.20	.48	.06	.09		T.		.06	.02	55	T.	T.		.03	.25	.04				1.92
Tunkhannock[1, 5]	Wyoming				.07				.14	.07				.63	.09	.06					.11	.06	.65				.09	.25	.01				2.23
Wilkes-Barre[3], 3 N	Luzerne	T.	T.	T.	.07	T.			.05	T.	T.			.16	.05	.04				T.	.08	.07	.83	02	T		.38	.14	.04				1.93
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga					.06				.02	.03				.50		.06					.05	.55		T.			.23					1.50
Carrolltown[2]	Cambria	.04	.03	.03		.29			.05	.13	.01	.14			.49	.02	.08			T.		.14	.81	.04			.01	1.01					3.32
Carter Camp[2]	Potter					15				.16	.04	.10		T.	.76	.03	.07					.10	.62	.18	T			62					2.83
Cedar Run[2]	Lycoming					.16				.07	.06	.09			.63		.04					.08	.78	.04	.02			.45					2.42
Clearfield[2]	Clearfield	T.	T.			.34			.04	.08	.03	.17			.47		.09					.20	1.16	.07	.01			.84					3.50
Coalport[2]	Clearfield					*.22*	T		*	*	*	.30			*.50*							*.10*	50	*.05*				.60					§2.27
CurwensvilleApt[3] 6NW	Clearfield	.05	.03	T.	.45	.01			.13	.03	16	.01	.02	.33	.03	.02				T.	T.	.22	.58	.50	.11	T		1.04	.01	.24				3.97
Driftwood[1, 5]	Cameron	*	*	*	*	*.33*		.03	.14		.11			.50							17	.16	.39				.46	.02	.08				§2.42
Dushore[1, 5]	Sullivan	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.68	*	*	*	*	*	*	*	.80	*	*				1.48
Eagles Mere[2]	Sullivan			T.		.34				T.	T.				.86	T.	.15					.18	.78	.66				.70					3.57
Emporium[2], 1 E	Cameron	T.	T.	T.		.15			.03	T.	.04	.10		T.	.63	T.	.03					.15	.96	T.	T.			.59					2.68
Galeton	Potter		.01		.02	.09			.15		.05	.08	T.	.52	.25	.09	.01			T.	.05	.01	.77	.04	.01		.12	.24	.07				2.58
Karthaus[2]	Clearfield		.01			.28			T.	.14	.01	.13			.63		.07					.14	.93	.02	.03			.68					3.07
Lock Haven[2]	Clinton					.20				.03	T.	.06		T.	.50		.03					.13	1.02	.05	T.			.35					2.87
Medix Run[1, 5]	Elk		.01		.15	.03					.16			.44	.03						.20	.23	.63			.61	.04	.11				2.64
Philipsburg[3], 7 E	Centre	.08	.05	T.	.07	T.			.22	.03	.11	T.	.02	.70	.02	T.			T.	T.	.27	.41	.46	01	T.		.52	.05	.24				3.26
Renovo[2]	Clinton					12				.07	.01	.04			.47	T.	.06					.12	.65	.06				.40					2.00
State College[1, 5]	Centre	T.	.01	T.	.09	.02			.06	T.	.03			55	.03	.03					.09	.05	.75	.01			.56	T.	.05				2.33
Tamarack[2], 2 S	Clinton	.08	.01	T.		.21	T.		T.	.12	.05	.05	T.	T.	.41		.01					.10	52	.01	.01	T.		.29	T				1.87
Tyrone [1, 5], 4 NE	Blair				.16	.05			.05					.38	.02						.10	.12	.81				63	.10	.08				2.50
Wellsboro[2]	Tioga	.02				.08				.02	.01	.04			.55	T.	.05					.02	.52	.02	T.			.23					1.56

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport Apt.[3-4 E	Lycoming				.12	.02			T.	.02	.04		T.	.39	.02	.01					.14	.23	.82	T.			.34	.03	.07				2.25
Williamsport[2]	Lycoming					.18				.01		.02			.38	T.						.20	.70	.02				.38				1.89
Williamsport[2], 4 SE	Lycoming					.15	T.			.03	T.				.59	T.	.04					.12	.17	.09	T.			.39				2.58
JUNIATA																																	
Altoona, 4.5 W	Blair	*	*	*		.21			.05			.21		.32	.13		.10				T.	.09	.68				.67	.26	.05				2.77
Breezewood[1], 0.5 E	Bedford		T.		.01	T.			.03					.17	T.		.01	.39			.04	.09	.15				.53		.09				1.51
Buffalo Mills[2]	Bedford														.26		.18	.34	.08			.05	.33					.70				1.94
Burnt Cabins[1], 2 NE	Fulton				T.	T.			T.					.20	T.			.40			.05	.04	.22				.48		.07				1.46
East Waterford[2], 3 E	Juniata	T.	T.	T.		.06	T.			.02	T.	T.		T.	.36	T.		.04	.19	T.	T.	.12	.27	.05	T.			.52				1.63
Everett[2], 0.5 SW	Bedford					.01				.01				T.	.25		.09	.22	.13			.15	.28	.03			T.	.59				1.76
Huntingdon[2]	Huntingdon			T.		.08	T.			T.	T.			T.	.33		.01	T.	T			.09	.69	.03	T.		T.	.61				1.87
Lewistown[2], 2 SW	Mifflin					*.10*	T.			.03					*.30*		T.					.03	*.45*	.01	T.			.60				$1.55
Mapleton Depot[2]	Huntingdon					.03				.04					.28			T.				.06	.30	.20				.52				1.43
Martinsburg[3]	Blair	T.	T.	T.	.09	T.			.02	T.	T.			.24	T.	T.	T.	.06	T.	T.	.08	.12	.36	T.	T.		.63	.02	.06				1.68
McConnellstown[2], 4NW	Huntingdon					T.				T.					.57				T.			.09	.69	T.				.71				2.06
Neffs Mills[1, 5], 3.5 NE	Huntingdon				.08	.06			.03					.41	.14						.03	.07	.66				.63	.02	.04				2.15
New Bloomfield	Perry				T.	.03			.02					.21	.10			T			T.	.25	.40	.02			.40	.15	T.				1.58
Newport[2]	Perry		T.			T.				.04				T.	.80			T.	T.			.07	.33	.10			T.	.59					1.43
Saxton[2], 1 W	Bedford			*.03*		*				.06					*.23*		.10	.08	*.12*			.05	.43	T.				.66				$1.76
Shade Gap[1, 5], 0.5 SW	Huntingdon	*	*	*	.05									.13	.10			.42		*	*	*	*	.32			.61	.02	.03				1.68
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams					.03				.02					.35			.18	.22			.04	.41	.07			.01	.63					1.96
Bloserville, 1.5 N	Cumberland				T.	T.		T.	T.					.31	.04			.47				.17	.38				.50	.18	.11				2.16
Carlisle	Cumberland				T.	.02			T.					.36	.08		T.	.50			T.	.14	.29	.05			.39	.13	.10				2.06
Columbia	Lancaster					.05			T.	T.				.24	.07			.40				.12	.50				.57	.29	.19				2.43
Dauphin[2], 3 N	Dauphin					.03				.08					.16	.03	T.	T.	.09			.16	.27	.14				.59					1.50
Ephrata	Lancaster				T.	.06			.02					.27	.01			.36			T.	.30	.51	.05			.77	.24	.16				2.75
Glen Rock[1, 5]	York					.04								.50				.45			.05	.13	.30	.09			.64	.16	.21				2.57
Gordon	Schuylkill								.05	.10				.18	.12							.18	.52	.08			.36	.24					1.83
Grantville, 2 SW	Dauphin					.04			T.					.33	.06		T.	.13			.02	.22	.63	.03			.63	.16	.15				2.40
Hanover[2]	York					.04				.01				.08	.31		.01	.25	.26			.02	.31	.14			T.	.67					2.10
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T.			.02	T.			T.	T.				.18	.04	T.	T.	.42			.16	.13	.28	.06			.53	.08	.12				2.02
Holtwood[2]	Lancaster					.01				T.				.04	.38	T.	T.	.28	.33			.07	.35	.21				.47					2.14
Huntsdale[2]	Cumberland					T.				.02				.04	.25			.21	.13			.05	.22	.09				.59					1.60
Kirkwood[1, 5], 1 SW	Lancaster					.02								.19	.03			.68			.09	.11	.33				.74	.20	.11				2.50
Lancaster	Lancaster				T.	.06			T.					.24	.10			.40				.12	.44	.09			.55	.26	.20				2.46
Lebanon[2]	Lebanon					.07			T.					.03	.28	T.		.12	.10			.15	.63	.16			T.	.87					2.41
Middletown[1], 1.5 W	Dauphin				.01	.01			T.	T.				.42	T.	T.	T.	.29			.16	.23	.35	.03			.52	.07	.09				2.18
Millersburg[1, 5], 2 E	Dauphin													.16	.08						.06	.09	.38	.05			.45	.01	.05				1.33
Milroy[2], 5 N	Mifflin	T.	T.			.02			T.	T.	*.05*				*.55*	T.						.04	.61	.02				.84	T.				$2.13
Newburg[1], 3.5 NW	Cumberland				T.	T.			T.					.22	T.			*.48*			.06	.05	.10	T.	T.		.67	T	.10				$1.68
New Park	York					.05								.10	.26			.36				.18	.32				.60	.25	.21				2.33
Pine Grove[2], 1.5 NE	Schuylkill					.04			.02	.01				T.	.26	T.			T.			.10	.63	.25				.62					1.93
Ringtown[2], 1.5 SW	Schuylkill																																
Selin-grove	Snyder				.05				.04	T.				.35	.20						*	.10	.66				.22	.11					1.73
Shamokin[2]	N'umberland					.04									.25							.10	■	.80				.57					1.76
Shippensburg	Cumberland				T.	T.			T.		T.			.22	.06			.40			T.	.25	.26				.57	T.	.25				2.01
Sunbury[2]	N'umberland					T.				T.	T.	T.			.43	T.	T.					.17	.40	.31				.33					1.64
Williamstown[2]	Dauphin					*.04*			T.					T.	.15				T.			*.15*	.44	.17				.56					$1.51
Woodward[3], 2 NE	Centre	.02	T.	T.	.11	T.			T.	T.	.07		T.	.42	T.	T.			T.	T.	.10	.09	.59	T.	T.		.49	.04	.06				1.99
York, 3 SW	York					.03								.39	.04			.47				.12	.38	.04			.52	.08	.19				2.26
York Haven[2]	York					.03									.25			.26	.19			.07	.42	.09				.63					1.94
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin					.02				T.				T.	.28		.03	.15	.24			.01	.27	.04			T.	.67					1.71
Gettysburg	Adams				T.	.05			T.					.32	.03		T.	.41	T.			.02	.38				.65	.05	.27				2.18
Hewitt, 2 SW	Bedford					.03			.01					*	.43		.10	.46				.10	.25				*	.74	■				2.12
Hyndman[2]	Bedford					.05			T.	T.		T.		.03	.30		.27	.23	.17			T.	.20	.05			T.	.89					2.19
McConnellsburg[2]	Fulton					T.								T.	.25		T	.22	.16				.28	T.				.65					1.56
Mercersburg[2]	Franklin					.10								T.	.26		.10	.25	.36				.23	.05			T.	.75					2.10
South Mt. San't'm[2]	Franklin					.06				T.				.03	.33		.04	.19	.33			T.	.26	.10				.88					2.22
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.03	.02	.01	T.	.12	T.			.01	.04	.07			.68		T.					.14	.93	.06	.01		.05	1.01					3.18
Allens Mills[1, 5]	Jefferson	.01	.07		.28	.04		.02	.08	.04	.16		.01	.61	.09	.06			.01	.03	.26	.46	.79	.01		.02	.94	.03	.18				4.20
Blairsville[2], 6 NE	Indiana	.01	.07	.07	T.	.24	T.		T.	.11	.01	.33		.04	.13	.05	T.	T.	.01	T.		.14	.43	.03	T.		.11	1.14					2.92
Boswell[2], 6 NW	Somerset	.19	.07	.07		.45			.03	.10	.03	.28		.10	.45			.20	.04	.06	T.	.20	.44		.07		.04	1.55					4.37
Bradford, 4 W	McKean	.08	.03	T.	.05	.17			.05	T.	.40	.17	.08	.20	.26	T.	.05		T.		T.	T.	.86	.03	.03		.26	.52	.05				3.29
Brookville[3], 1.5 SW	Jefferson	.04	.04	T.	.24	.01			.08	.04	.13	T.	T.	.63	.01			T.	T.	T.	.20	.66	.58	.02	T.		1.07	T.	.15				3.90
Buckstown[1, 5]	Somerset	.06	.01		.15	.01	.03	.05	.05	.01	.06	.07		.18	.07	.05	.07	.34	.03		.12	.04	.48				.91	.14	.12				3.05
Clarion[2], 3 SW	Clarion	.03	.01	T.		.15				.06	.05	.08			.71	.01						.16	1.31	.03	.02		.12	.99					3.73
Corry	Erie	.11	.02		T.	.17				T.	.37	.12	.07	.26	.03					.02	T.	.10	.75	.08	.07		.33	.30	.27				3.07
Coudersport	Potter	.03			.02	.04			.05	.04	.02	T.		.48	.53						.03	.09	.87	.01			.15	.32	.13				2.81
Derry	W'moreland	T.	T.	.10	T.	.27			.02	.03	T.	.10		.61	T.			.02		.02	.15	.05	.46	T.			.57	.78	.05				3.23
Donegal[1]	W'moreland	.10	.08	.06	.42	T.			.06	.03	.10			.20	.05			.15	T.	T.	.15	.15	.15	T.			1.22	.40	.25				3.57
Dunlo[1, 5], 0.5 SW	Cambria	.02			.21	.01	.10				.06			.25	.12	.01		.05			.14	.05	.56				.74	.15	.11				2.58
Ebensburg[2]	Cambria	.02	.02	.02		.32			.05	.06	T.	.12		T.	.50	T.	.06					.11	.57	.04	T.		T.	1.05	.11				$3.05
Ford City[2], 4 S	Armstrong	T.	.05	T.		.22	T.			.02		.11		T.	.54					T		.18	.95	.08	T.		.10	.90					3.15
Franklin[2]	Venango	.15	.02			.02					T.	T.	.03	T.	.10	.03	T.			T.		.24	.90	T.	.10		.05	.30	T				1.94
Glen Hazel[2], 1 NE	Elk	.03	T.			.19	T.		.06	T.	.07	.19	.01	T.	.53	.01	.07		T.	T.		.15	1.43	T.	.07		.13	.71	T.				3.65
Home[1, 5]	Indiana		.01		.27	.03					.13	.03		.50					.03		.14	.25	.40	.03			1.21	.08	.10				3.21
Indiana	Indiana	.02	.03	.02		.29				.10		.02		.31	.15							*.15*	.62	T.			.46	.76	.12				$3.05
Johnstown[6], 0.5 W	Cambria																																
Kane[1], 1 N	McKean	.07	.03	T.	.18	T.			.07	.14	.09	T.	.03	.75	.07	.08		T.	T.		.11	.30	.08	.07	T.		.11	.06	.24				2.48
Kregar[1], 4.5 SE	W'moreland	.31	.08	T.	.22	T.			.14	T	.32	T.		.28	T.		T.	.38	T.	T.	.27		.87	.23			1.30	.40	.12				4.92
Lycippus, 1.5 E	W'moreland	.18	.10	.14	T.	.11			.09	.03		.48		.39	T.			.13	T.	.04	.12	.07	.39				.64	.59	.21				3 66
Marienville[1, 5]	Forest	*	*	*	*	*.25*			.03	.12	.19	.01	.01	.49	.10						.19	.62	.88	.03			.90	.01	.15				$3.98
Meadville[2], 1 S	Crawford	.14	.05	.02		.19	T.			T.	.10	.26	T.	T.	.35	.06			T.	T.		.10	.72	.03	.03		.07	.66	T.				2.78
Mosgrove[2]	Armstrong	.02	.13	T.	T.	.22				.01	.06	.10			.99	T.			T.	T.		.23	1.06	.17	.01		T.	1.08	.02				4.10
Parkers Landing[2]	Armstrong	T.				.15				.03	.06	.12			.86							.18	1.15	.06			.10	.99					3.70
Pittsburgh Cty Of[1, 5]	Allegheny	.01	.01	.01	.05	T.			.11	.02	.08	T.		.69	T.	T.			T.	T.	.15	.50	.60	T.			.85	.10	.12				3.25
Port Allegany[2]	McKean	.02	T	.01		.17			T.	.07	.04	.11		.01	.97	.04	.06		T.			.04	.82	.02	.04	T.	.01	.55	T.				2.98
Punxsutawney[2]	Jefferson	.01	.15	T.		.30			.13	.04		.12	T.	T.	.50	T.			T.			.23	.91	.05	T.		.14	1.05	T.				3.63

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Stations	Counties	Day of month																											Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong	.01	.02	T.		.23	T.			.08	.02	.11	T.	T.	.79	T						.19	1.11	.09	.03		.08	1.13	T.				3.89
Ridgway[2]	Elk	.01	T.	.02		.16			.01	T.	.10	.12	T.	T.	.55	T.	.03					.19	1.10	.04	T.		T	.52					2.85
Saltsburg[2]	Indiana	.02	.03	.01	T	.22	T.			.06	T.	.17	T.	.04	.31	T.						.17	.65	T.	T.		.17	.98	T.				2.83
Seward[2]	W'moreland		.18	.16		.14			.02	.04		.11		.02	.41							.29	.62	.03			.08	1.19					3.29
Sheffield[1, 5, 6 W	Warren	.02	.03	.87	.24	.05		.02	.07	.12	.14	.07		.77	.09	.02				.02		.04	.70	.89	.01		.02	.77	.02	.13			5.11
Smethport[1, 5, 1 SW	McKean	.02			*	.17			.11	.05	.16	.02	.03	.90		.08						.03	.26	.86				.65	.06	.14			§3.54
Strongstown[1, 5]	Indiana	.03	.02		.30	.03			.08		.12			.34	.01	.03						.10	.14	.67			1.01	.08	.12				3.08
Tionesta[2], 1.5 SE	Forest	.05	.01	.02		.22				.02	.07	.18	.01	T.	.43	.07	.14		T.			.19	1.37	.05	.02		.14	.72	T				3.71
Titusville, 2 S	Crawford	.10	.05	.02		.23				T.	.24	.10	T.	.20	T.	.11		.01	T.	T.	.10	.05	1.13	T.	.05		.45	.36	.15				3.35
Union City[1, 5]	Erie	.06	.02		.17	.01		.01		.07	.17	.06		.32	.12	.06						.41	.41	.03			.50		.31				2.73
Vandergrift[1]	W'moreland	T.	T.		.12	.01			.02	.03	.09			.56	T.							.15	.11	.65			.76	.13	.05				2.68
Warren[2]	Warren	.12	.06	.01		.13			T.	.01	.14	.19	.01	.01	.50	.05	T.					.03	1.20	T.	.04		T	.74	.04				3.28
Youngsville[1, 5]	Warren																																
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	T.	T.	T.	T.	.25	T.			.10	T.	.17		.06	.14	T.	.61	.23	.21	T.	T.	.06	.55	.09	T.		.08	1.93					4.48
Connellsville[2]	Fayette			.03		.16			T.	.14		.34		T.	.25			.17	11	T.	T.	.14	.44	.06	T.		.05	1.43	.05				3.37
Donora[1]	Washington	.01	.01	T.	.17	.02			.09	T.	.14			.31			.02	.05		T.	.05	.31	.47				1.03	.06	.05				2.79
Greensboro[2]	Greene		T	T.	T.	.15			T	.11		.14		.02	.30		.45	.21	.21			.08	.63	.13	T.		.08	1.56					4.07
Greensburg, 2 S	W'moreland		.01	.12	.03	.12			T.	.01		.24		.13	.03	T.		.02		T	.12	.07	.59				.60	.76	.09				2.94
Irwin	W'moreland	.02	.01	.03	T.	.16			.03	.07	T.	.15		.30	.11	T.		T.	.01	T.	T.	.18	.64	1			.42	.78	.10				3.01
Meyersdale[2]	Somerset	.02		.01	.01	.11	T.		.01	.03		.08		.13	.15		.53	.31	.16	.01	T.	.02	.25	.03			.05	1.44					3.35
Murrysville // [1, 5]	W'moreland				.12	.01			.02	.04	.07	.03		.43							.15	*	.79				.92	.16	.09				2.83
Newell[7]	Fayette					.12			.04	.02				.10	.08			.07				.10	.80				.60	.11	.06				2.10
Pittsburgh Arpt.// [1, 5]	Allegheny	.01	.05	.03	.14	.02			.12	.03	.11		T.	.49	T.	T.	T.	T.	.02	.01	.19	.30	.32	T.			.64	.22	.08				2.78
Rices Landing[2]	Greene		.02	T.		.08				.10		.10		.02	.27		.01	.07	.14			.06	.78	.06			.08	1.40					3.19
Somerset	Somerset	.02	.02	.05	T.	.15			.09	T.	T	.09		.25	.15		.12	.43		T.	.03	.12	.62	T.			.80	.64	.11				3.69
Springs[6], 1 SW	Somerset	.04	.01	.01	.10	.13			.13	.03	T.	.09		.20	.09		.65	.50		.02	.08	.04	.33	T.			1.07	.67	.37				4.56
Uniontown	Fayette	T.	.03	T.	.06	T.			.19	.03		.22		.10	.03		.10	.37			T.	.05	.58	T.			.71	.94	.11				3.52
Waynesburg	Greene		T.		*	*			*			.21		.27	.05			.37				.06	.69				.55	.58	.11				2.92
BEAVER																																	
Beaver Falls[2]	Beaver	T.	.02	T.	T.	.05	T.			T.	T.	T.			.52	T.			T.	T.	T.	.15	.76	T.	T.		.02	.64	T.				2.16
Butler	Butler	.02	.03	T.		.14							.50	.06	.03	T						.17	1.31	.01	T.		.44	.63	.01				3.35
Farrell[2]	Mercer	.06	.01			.19				T.	.02	.12			.38	T.					T	.17	.87		.02		*	1.07					§2.91
Greenville	Mercer	.05	T		*	.17			T.	T	.04	.20			.27	.06					T.	.10	.67		T.		.08	.59	T.				2.71
Jamestown[2], 2 NW	Mercer	.02	T.			.11			T.	T	.04	.20			.27	.06					T.	.10	.67		T.		.08	.59	T.				2.14
Mercer Arpt.[3], 2.5 NE	Mercer	.03	T.	T	.17	T.			T	.01	.14	T.	T.	.25	.03						T.	.14	.76	.02			.50	.28	.12				2.89
New Castle, 1.5 N	Lawrence	.05	.03	.02	.04	.03	T.					.03	.07		.42	.09	.04			.02	T.	.30	.69	.27	.07	T.		.85	T.	.06				2.89
Pennline, 2, 1 S	Crawford	.05	T.	T		.13			.03	T.	.09	.22			.22	.08			T.	T.	.17	.03	.89	.02	T		.35	.71	.05				3.04
OHIO																																	
Claysville[2]	Washington		T.	T.		.12				.01		.14			.52			T.	T.			.16	.92	.07			.17	1.20					3.31
Coraopolis[2], 1 E	Allegheny	T.	T.	T.	T.	.11				.09	.03	.08		.06	.60				.01	T.		.23	1.09	.01	T.		.11	.95	T.				3.37
Midland[2]	Beaver		T.	T.	T	.09				.03	.01	.04			.93	T				T.		.13	1.00	.12	T.		.06	.91					3.32
Mt. Lebanon[6]	Allegheny	T.	.03	T.	.10	.04			.08	.04	.08	T.		.60		T		T.	T.	T.	.20	.11	.82	T.			.63	.35	.12				3.20
Washington[1, 5]	Washington				.09	.03			.02		.13	.02		.52	.02			.04			.12	.50	.41				1.01	.10	.16				3.17
LAKE DRAINAGE																																	
Albion[2]	Erie	.06	T.			.12	.04			.02	.15	.31			.29	.10	.03		.01	.01		T.	.67	.01	.06		.09	.57	.06				2.60
Erie[1, 5]	Erie	.10	T.	T.	.09	.01			.02	.12	.29	T.	.07	.32	.08	.05		T.	T.	T	T.	.21	.15	.11	T.		.53	.08	.24				2.47
Raymond[1, 5]	Potter	.03			.14	.04		.02	*		*	.15		.50	.04	.05	.04	.02				.14	.56				.43	.12	.22				§2.50

[See page 16 for explanation of reference marks.]

Daily Temperatures for February 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	22	25	25	30	32	35	33	37	33	40	34	41	33	34	52	49	31	29	29	32	39	52	35	44	49	42	32	32				35.8
	Minimum	12	18	8	8	8	10	13	28	22	32	26	28	27	23	32	31	13	9	−1	10	17	34	31	29	25	32	23	10				19.9
Allentown Arpt.[3-4 NE]	Maximum	27	32	27	32	33	36	34	34	37	40	40	42	33	34	45	44	35	30	29	31	35	38	41	41	47	52	49	34				36.9
	Minimum	11	18	15	−1	11	4	7	28	27	26	25	23	24	20	20	30	29	17	13	13	11	32	32	31	28	31	26	24				20.5
Allentown /.	Maximum	31	34	29	35	35	35	36	38	40	42	43	45	34	36	44	49	36	34	31	32	36	45	44	44	48	56	40	36				38.9
	Minimum	10	17	18	5	5	13	13	11	30	28	28	28	28	25	25	29	29	21	15	14	15	18	34	32	27	27	35	26				21.6
Altoona-4.5 W.	Maximum	20	24	27	23	33	36	32	35	35	46	45	46	40	33	46	54	36	31	29	28	29	47	48	45	48	47	44	30				37.0
	Minimum	8	13	13	2	21	2	19	27	24	22	28	24	30	24	26	34	24	11	11	9	22	27	32	25	28	34	24	17				20.8
Arendtsville[6]	Maximum	30	32	35	31	40	35	38	37	40	42	45	49	38	42	43	52	38	37	35	32	32	45	45	49	53	48	51	31				40.2
	Minimum	13	18	19	5	28	10	14	27	34	25	23	26	30	26	25	34	28	15	3	8	27	32	35	30	28	32	31	22				23.1
Berwick/	Maximum																																
	Minimum																																
Bethlehem[1]	Maximum	28	32	28	32	34	36	33	32	36	42	42	44	37	32	44	46	35	29	30	30	34	42	40	40	47	45	39	34				36.5
	Minimum	15	20	18	10	21	15	17	30	30	28	28	28	24	24	27	34	28	17	15	11	24	30	34	31	32	35	29	26				24 4
Bradford-4 W	Maximum	20	21	24	25	30	44	42	37	37	45	39	34	34	39	49	50	35	28	23	30	37	54	45	41	45	47	47	31				36.9
	Minimum	8	16	−8	−9	18	17	4	25	21	27	23	24	15	19	27	29	18	6	0	−2	15	30	28	24	15	32	13	4				15.7
Brookville[3]	Maximum	22	24	28	34	29	40	36	34	31	44	30	40	33	32	51	43	30	23	26	30	35	52	34	42	45	50	27	32				34.9
	Minimum	11	16	−2	−7	5	−2	8	28	22	30	25	27	29	23	26	28	8	12	3	7	22	32	28	24	19	27	22	12				17.2
Burnt Cabins[1-2 NE]	Maximum	28	30	31	29	36	44	40	42	40	48	41	50	37	42	49	47	36	34	31	...	32	47	43	46	56	52	53	34				40.8[a]
	Minimum	2	16	12	0	16	4	4	29	32	24	25	24	30	30	27	33	26	9	7	...	32	35	26	24	39	27	18					21.2[b]
Butler	Maximum	19	23	26	38	38	32	43	38	37	45	46	47	48	38	49	54	38	28	28	29	38	58	57	40	50	55	52	31				40.2
	Minimum	11	16	7	−3	21	2	14	21	24	25	20	27	32	24	28	34	26	15	13	13	17	38	32	27	28	38	24	21				21.1
Canton /-1 NW	Maximum	22	27	26	29	33	35	31	33	33	39	40	40	24	31	47	42	34	20	25	25	34	44	37	36	42	39	33	33				33.4
	Minimum	4	7	4	−2	−2	7	7	10	26	27	25	18	17	17	21	27	21	5	5	4	11	14	31	24	24	24	25	17				14.9
Carlisle	Maximum	30	33	34	25	38	37	37	35	39	39	45	46	41	38	44	50	43	34	32	31	32	39	44	49	54	51	49	39				39.6
	Minimum	11	15	15	−2	23	3	7	24	30	21	28	18	28	24	23	27	25	15	8	2	17	28	30	28	24	30	32	18				19.7
Chambersburg[6-1 SW]	Maximum	29	30	35	31	38	39	35	35	39	40	43	49	35	42	47	49	37	35	33	33	33	41	45	50	53	49	53	30				39 6
	Minimum	12	18	17	2	26	9	12	27	32	25	28	24	30	28	28	35	29	19	12	10	26	31	35	31	26	30	30	22				23. 4
Clarion[6-3 SW]	Maximum	22	23	28	31	34	42	38	35	35	45	37	41	37	34	49	...	...	...	...	...	...	39	46	48	48	42	39					37. 8[c]
	Minimum	11	16	2	−9	16	−4	6	29	22	21	26	23	25	22	26	31	24	12	2	6	11	28	29	26	19	33	22	10				17.3
Claysville/	Maximum	20	22	29	39	29	45	37	37	40	53	34	48	42	44	68	41	30	30	31	36	55	59	40	50	54	55	29	38				40.5
	Minimum	4	7	8	2	5	9	8	30	25	26	27	22	31	26	26	29	27	14	9	9	23	29	32	25	24	24	25	20				19.5
Coalport/	Maximum	16	24	28	36	32	41	38	39	31	50	32	42	38	35	55	41	35	27	30	34	40	58	36	43	48	50	30	34				37. 4
	Minimum	2	10	14	6	6	5	3	5	25	23	24	24	20	22	27	24	25	11	10	5	10	24	31	28	22	25	25	15				16.8
Coatesville[6]	Maximum	30	32	28	35	35	37	40	35	41	45	45	47	36	36	46	50	41	31	30	36	36	46	47	45	53	50	52	35				40.0
	Minimum	12	18	17	11	30	14	16	30	29	26	34	29	29	27	28	35	28	20	12	8	24	32	34	32	31	31	34	24				24. 8
Columbia	Maximum	32	33	33	33	40	39	38	37	41	44	47	51	46	39	48	52	47	35	34	37	34	44	47	48	58	54	49	40				42. 1
	Minimum	12	18	16	8	27	11	11	28	33	24	32	23	30	27	28	30	28	16	9	8	19	32	34	30	25	32	37	21				23. 2
Corry	Maximum	21	23	24	28	32	34	30	34	34	42	33	35	34	30	50	49	29	19	21	30	38	52	38	39	45	45	35	30				34. 1
	Minimum	11	17	−11	3	17	15	3	27	21	30	24	26	26	20	28	29	18	8	−10	−6	14	31	27	25	16	34	20	−3				16. 4
Coudersport.	Maximum	25	27	28	25	32	42	35	35	35	42	39	39	36	37	50	49	35	27	26	29	37	52	50	41	43	43	47	39				37. 3
	Minimum	9	15	−3	−14	18	−7	−1	25	21	17	25	16	18	20	25	30	20	1	4	−1	9	28	30	24	12	30	20	4				14. 1
Curwensville[3-6 NW]	Maximum	19	23	26	32	30	37	30	31	30	43	29	39	30	31	44	47	29	23	25	30	31	53	31	39	43	47	26	36				33 1
	Minimum	6	11	3	4	8	4	15	24	19	27	20	19	24	19	24	24	10	6	3	7	18	28	24	22	21	24	18	9				15. 8
Derry	Maximum	18	23	30	41	40	45	41	40	42	53	46	46	42	41	65	42	36	34	30	39	46	63	52	49	54	58	55	44				43. 4
	Minimum	9	14	15	0	25	9	23	34	27	35	29	27	32	26	29	34	27	20	14	16	26	36	32	29	28	45	26	20				24. 5
Donegal[1]	Maximum	16	21	22	42	38	41	41	34	34	54	32	45	38	35	62	56	31	26	26	38	37	33	36	45	50	54	35	45				37. 9
	Minimum	6	11	0	5	18	2	21	30	23	32	18	20	32	23	26	28	23	8	7	10	27	30	28	24	23	34	23	16				19. 6
Donora[1]	Maximum	22	24	31	43	33	46	41	41	39	57	37	52	46	44	70	62	36	33	30	39	48	64	43	52	59	58	40	42				44.0
	Minimum	11	15	17	10	27	16	30	34	28	37	31	30	30	29	35	36	28	19	19	20	32	40	33	29	31	40	20	25				26.9
Eagles Mere/	Maximum	23	27	22	27	30	30	35	35	33	39	35	34	28	32	42	43	30	25	22	24	38	38	35	38	42	43	38	33				32.9
	Minimum	−5	5	5	4	7	13	13	15	24	25	25	18	18	19	22	26	22	7	2	3	11	15	29	25	24	21	27	16				15.7
East Waterford-3 E	Maximum	21	22	26	21	30	36	33	30	32	42	39	44	37	30	44	51	31	26	24	24	26	47	46	39	47	47	49	26				34.6
	Minimum	7	11	11	12	20	19	24	23	24	30	25	24	24	23	27	31	21	10	7	16	19	25	30	54	33	34	20	15				21.0
Ebensburg/	Maximum	14	18	22	36	26	38	35	33	38	50	28	40	32	32	53	36	26	22	23	32	36	51	28	40	45	49	24	34				33.6
	Minimum	2	8	12	−2	7	12	12	15	23	21	26	24	26	23	26	26	24	12	8	7	16	26	26	23	22	31	21	17				17.6
Emporium /-1 E.	Maximum	27	28	....	32	36	41	35	37	33	42	32	40	31	36	51	41	35	28	31	30	38	55	36	42	47	50	29	32				36.9[a]
	Minimum	2	14	7	−8	....	0	2	5	25	23	25	25	26	25	25	28	25	12	4	4	11	14	32	28	18	28	25	10				16. 1[a]
Ephrata	Maximum	30	33	31	32	38	39	40	37	41	49	45	50	41	37	47	49	44	32	32	33	37	44	45	46	53	47	53	37				40.8
	Minimum	12	19	16	5	28	11	11	31	30	27	34	26	30	27	30	33	29	18	10	7	21	32	35	30	29	36	36	23				24.1
Erie[1]	Maximum	23	25	25	34	28	31	30	38	36	41	34	35	29	38	54	41	28	17	23	33	42	54	34	42	48	50	27	28				34. 6
	Minimum	15	18	15	12	18	23	20	24	22	31	25	25	23	22	36	28	17	10	13	20	23	32	30	29	35	26	22	18				22.6
Everett[1-0.5 SW]	Maximum	18	26	28	30	38	38	40	41	40	40	41	50	38	38	50	55	35	31	32	32	32	50	41	46	50	51	50	36				39. 3
	Minimum	5	13	14	−3	18	2	9	29	19	20	25	24	32	31	26	35	28	15	5	6	24	31	34	30	24	28	26	20				20. 4
Farrell	Maximum	21	24	26	36	34	33	33	37	37	42	39	43	43	36	54	52	37	27	25	28	40	51	42	50	50	58	41	30				38. 0
	Minimum	14	17	10	2	21	18	17	28	24	30	28	32	34	25	33	32	19	13	8	16	17	35	33	29	28	29	24	21				22 7
Ford City-4 S	Maximum	22	24	28	36	38	44	41	40	35	49	47	43	42	38	52	54	38	31	27	32	38	59	52	48	53	55	50	39				41 2
	Minimum	10	13	14	5	22	2	14	30	23	24	27	24	27	23	26	33	26	14	8	11	16	32	29	25	22	32	23	19				20. 1
Franklin/	Maximum	23	24	28	35	30	38	34	35	34	43	34	42	34	35	54	38	28	19	29	28	46	55	37	47	46	48	29	34				36. 0
	Minimum	4	14	12	−6	−3	2	3	11	23	22	24	26	28	23	23	32	23	9	7	6	14	15	32	28	23	23	22	14				16. 2
Fredericksville-1 S.	Maximum	28	31	30	31	35	37	37	34	38	43	42	45	42	34	43	41	40	30	28	30	33	44	44	43	48	49	52	34				38. 1
	Minimum	12	18	12	6	26	7	7	29	27	20	32	24	26	23	21	29	26	17	8	2	17	29	32	29	24	28	32	16				20.6
Freeland	Maximum	24	26	23	28	30	37	36	31	30	45	38	37	33	29	44	42	36	29	25	28	30	42	42	35	40	40	47	31				34.2
	Minimum	6	13	8	7	17	12	17	25	26	25	25	21	21	20	21	32	24	8	5	10	16	23	28	25	27	31	24	18				19.1
George School	Maximum	29	32	33	35	36	38	40	35	43	42	44	47	36	36	47	49	35	34	32	32	34	49	51	45	53	52	58	36				40.5
	Minimum	14	18	15	10	25	12	15	34	30	28	32	28	28	26	22	31	29	21	12	8	15	32	32	32	27	31	32	24				23.7
Gettysburg	Maximum	29	30	34	34	38	37	37	37	40	44	47	49	48	40	45	49	48	34	33	34	34	40	45	49	55	52	55	40				41. 3
	Minimum	14	18	17	−1	26	5	8	26	34	24	33	25	32	32	29	32	30	16	6	4	28	32	36	31	28	33	37	24				23.5
Gordon	Maximum	30	32	31	26	35	38	38	34	38	45	41	45	37	34	47	42	38	30	26	30	33	44	40	42	47	45	50	34				37. 6
	Minimum	12	18	13	−8	25	−3	−1	28	28	22	28	15	27	24	17	28	30	13	7	4	15	29	32	28	19	29	29	19				18.8
Greensburg-2 S	Maximum	19	22	25	38	40	44	40	37	36	54	45	47	41	42	66	40	31	29	38	43	62	53	49	51	56	54	43					43. 4
	Minimum	10	15	10	12	26	8	19	32	27	31	30	21	31	27	27	36	28	16	16	12	22	38	33	27	20	40	27	18				23.5
Hanover/	Maximum	31	34	37	35	39	37	40	37	41	47	43	51	35	42	48	52	33	35	32	35	35	46	47	50	56	58	47	34				41. 3
	Minimum	8	16	16	10	25	16	14	17	32	29	30	29	30	28	29	32	30	20	10	10	20	25	33	30	30	38	39	25				24.0
Harrisburg Arpt.[1-3.5 S]	Maximum	29	31	33	33	37	36	37	36	39	42	44	50	37	39	44	50	38	33	31	35	33	41	44	49	55	58	53	34				40.0
	Minimum	16	20	19	8	22	10	13	30	35	28	26	25	28	27	32	34	29	20	14	8	23	33	34	31	31	34	36	30	23			24.6
Hawley-0.5 E	Maximum	23	25	27	38	31	42	36	32	35	45	41	40	35	35	50	44	35	28	26	32	38	50	46	37	42	42	48	40				37.2
	Minimum	9	16	12	−13	23	−8	−4	26	16	18	27	15	17	21	11	30	25	3	1	−3	5	28	33	30	25	22	28	17				15.4
Hewitt-2 SW	Maximum	27	28	30	31	40	39	42	40	40	49	49	54	53	42	51	52	44	34	32	35	35	50	41	49	53	50	52	32				41. 9
	Minimum	12	5	0	0	28	5	9	28	30	20	33	20	32	31	21	30	27	7	5	4	27	31	20	30	23	26	30	18				19. 7
Holtwood[1]	Maximum	30	33	32	33	37	37	43	37	40	43	45	50	36	37	45	49	39	32	30	38	36	41	46	48	55	47	52	33				40 1
	Minimum	16	20	21	13	26	16	14	31	33	29	32	28	33	30	30	35	30	21	17	14	26	36	34	33	32	32	33	27				26 5
Huntingdon	Maximum	27	30	33	27	37	43	34	38	39	42	43	49	36	39	50	53	38	32	31	30	32	52	47	48	54	44	49	36				39. 8
	Minimum	15	19	12	−2	27	4	9	29	27	25	27	16	30	30	25	32	29	15	15	10	19	32	36	32	23	28	30	17				21. 8

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Daily Temperatures for February 1945—Continued from page 14.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	20	23	25	32	39	43	41	34	34	49	47	41	41	33	54	55	38	30	27	36	37	54	54	45	50	55	54	40				40.4
	Minimum	9	14	14	6	23	13	20	31	24	30	28	22	32	22	31	33	28	14	12	17	27	32	29	26	26	42	24	29				23.2
Irwin	Maximum	22	22	22	36	36	44	44	39	35	49	49	48	47	40	65	65	41	32	30	36	42	60	55	47	55	55	54	38				43.1
	Minimum	18	15	15	11	22	11	25	34	26	32	32	27	34	26	31	35	27	11	9	15	26	38	32	26	26	41	26	19				24.6
Jamestown/-2 NW	Maximum	24	28	28	35	35	36	38	39	34	40	35	42	36	37	55	38	35	28	27	32	48	54	49	50	49	59	54	32				39.2
	Minimum	0	12	15	−4	12	18	6	11	19	20	22	22	26	20	20	29	17	8	−2	0	16	19	29	24	22	24	19	11				15.5
Johnstown[6]	Maximum																																
	Minimum																																
Kane[1-1 N	Maximum	22	25	26	28	31	41	35	35	32	43	32	36	30	30	51	51	30	22	26	29	37	53	33	41	45	47	30	31				34.7
	Minimum	10	16	−6	−9	−2	−10	−8	26	19	17	23	22	19	19	30	26	4	1	−6	−2	2	32	26	22	13	29	20	0				11.9
Lancaster	Maximum	32	34	34	35	40	39	38	37	40	41	45	52	46	38	45	50	47	35	32	34	35	44	47	49	55	55	53	42				41.9
	Minimum	12	18	14	−2	29	4	6	27	29	22	32	22	28	27	26	29	29	10	8	2	17	32	34	26	23	28	35	22				21.0
Lawrenceville	Maximum	27	31	26	27	33	42	31	37	38	44	41	37	34	38	51	45	39	29	27	31	39	54	44	39	42	44	44	37				37.5
	Minimum	10	18	5	−14	23	−10	−3	22	30	27	27	17	15	23	16	33	23	3	5	0	4	32	33	28	15	30	26	15				16.2
Lebanon /-	Maximum	31	31	31	35	36	39	36	36	38	40	44	50	34	37	46	47	33	32	30	33	35	40	45	48	54	51	40	32				38.7
	Minimum	8	17	17	4	3	10	10	10	31	27	27	24	26	26	28	31	28	21	11	10	14	21	34	31	26	26	35	21				20.6
Lewistown /-2 SW	Maximum	26	30	34	37	38	39	36	37	37	44	40	49	35	39	50	44	32	32	32	29	38	46	44	48	53	49	36	36				38.9
	Minimum	14	23	20	10	12	15	18	21	23	25	28	21	20	27	28																	
Lock Haven[6]	Maximum	32	34	35	29	41	34	32	35	36	38	38	41	37	40	44	46	37	32	34	28	35	43	43	44	47	41	43	31				37.5
	Minimum	18	20	7	−1	8	5	8	30	28	25	30	18	27	25	29	33	30	11	10	12	15	31	33	30	22	29	29	15				20.4
Marcus Hook[1]	Maximum	32	35	31	37	39	38	40	38	46	50	50	52	41	40	51	58	45	36	31	39	38	54	54	49	57	57	58	36				44.0
	Minimum	18	23	21	19	31	23	25	34	35	34	35	33	32	31	33	40	31	22	17	19	27	36	38	36	35	38	35	30				29.7
Martinsburg[3]	Maximum	19	22	24	28	34	39	32	34	34	48	33	43	34	37	49	40	36	26	26	29	31	52	35	43	48	50	38	34				35.6
	Minimum	9	13	15	5	17	8	14	26	24	28	27	24	30	25	30	36	24	9	13	11	22	31	32	26	30	38	27	20				21.9
Mauch Chunk-1 SW	Maximum		29	29	29	32	32	34	35	37	41	41	41	40	34	43	45	42	33	25	29	35	38	39	39	45	45	45					36.8[b]
	Minimum	9		15	−5	25	−1	−1	27	27	19	32	18	25	24	14	26	30	15	9	2	12	29	34	30	23	25	32	23				19.2[a]
Meadville /-1 S	Maximum	23	26	29	33	32	37	34	35	33	41	33	40	34	37	50	38	27	21	27	29	48	51	35	45	45	49	30	30				35.4
	Minimum	4	15	16	−3	14	15	10	13	21	22	25	25	26	21	21	30	19	9	−1	−1	11	20	31	26	22	23	21	13				16.7
Mercer[3-2.5 NE	Maximum	19	21	24	33	27	34	32	34	32	39	31	39	34	34	50	38	28	18	26	29	36	53	33	43	46	51	26	32				33.6
	Minimum	11	15	3	1	11	4	11	22	21	27	23	27	24	20	28	27	12	11	2	14	17	31	26	24	25	24	17	16				17.6
Middletown[1-1.5 W	Maximum	29	31	32	32	36	37	38	35	39	42	43	48	36	37	45	48	37	32	30	35	35	42	44	47	53	56	55	31				39.5
	Minimum	16	19	14	4	18	9	12	30	33	26	25	24	27	27	32	30	28	15	13	10	20	32	33	29	26	34	28	22				22.7
Midland[6]	Maximum	22	24	26	38	38	38	37	37	37	48	37	46	38	42	53	57	35	32	30	35	44	57	37	49	52	55	35	36				39.8
	Minimum	12	16	13	9	24	15	21	28	26	28	28	31	32	27	34	33	23	17	15	20	26	36	32	26	27	34	25	24				24.4
Montrose /-3 E	Maximum	19	17	15	27	22	33	35	32	30	40	38	34	25	29	44	40	28	20	18	24		45	36	35	38	42	28	34				30.7[a]
	Minimum		5	10	7	7	9	8	8	22	22	25	18	17	17	16	23	19	5	6	6	6	16		25	25	25	24	16				14.9[b]
Mt. Lebanon[6]	Maximum	21	23	28	39	39	42	38	37	34	51	34	47	41	40	64	58	32	29	30	36	42	60	40	50	52	55	35	37				40.5
	Minimum	9	14	13	12	23	16	25	30	26	33	28	28	33	26	34	32	25	16	14	20	27	37	31	25	31	35	25	23				24.7
Mt. Pocono[3-2 N.	Maximum	18	21	20	32	26	35	37	29	31	43	37	36	24	29	45	41	29	20	20	23	34	44	39	34	40	44	45	34				32.5
	Minimum	6	12	10	−2	12	11	11	25	24	21	24	19	19	19	22	29	20	6	4	4	11	27	29	26	26	29	19	14				17.0
New Bloomfield	Maximum	29	31	34	32	38	39	38	35	40	40	42	49	45	39	47	47	45	32	31	30	33	41	42	46	52	49	51	35				39.7
	Minimum	13	17	13	−5	23	0	2	29	30	20	29	15	28	25	25	28	27	16	9	5	18	29	32	30	20	30	32	16				19.9
Newburg[1-3.5 NW	Maximum	26	30	38	28	40	42	42	42	40	44	44	48	36	38	46	56	38	32	36	34	34	54	46	48	53	51	52	32				41.1
	Minimum	15	18	22	7	24	12	14	28	32	24	28	26	31	28	28	32	28	20	13	10	20	30	44	28	29	32	28	18				23.9
New Castle-1.5 N	Maximum	22	25	29	36	31	39	37	36	35	43	34	36	46	37	53	55	37	30	28	30	52	58	48	49	50	54	53	33				39.9
	Minimum	12	13	18	−2	23	8	15	30	24	27	28	28	30	25	29	33	25	12	9	15	16	36	33	28	25	41	24	20				22.3
Palmerton[1]	Maximum	29	32	27	30	32	33	37	34	38	40	40	40	31	34	42	45	36	32	28	31	36	41	40	41	45	47	47	34				36.5
	Minimum	15	20	13	0	14	5	5	32	29	26	27	25	24	19	21	32	32	18	13	9	15	34	34	34	24	32	28	28				21.7
Park Place[3-1 NW	Maximum	21	25	21	24	27	32	33	30	31	40	34	39	30	28	41	43	30	23	21	23	29	41	35	36	41	46	45	28				32.0
	Minimum	6	14	8	6	15	14	19	26	27	27	23	23	21	21	26	28	23	9	5	12	18	29	26	25	27	33	19	18				19.6
Philadelphia Arpt [1]	Maximum	30	32	29	34	37	38	40	36	42	48	45	49	36	36	49	55	40	31	29	33	36	53	49	48	55	58	58	32				41.4
	Minimum	14	20	18	16	25	21	21	33	31	30	33	28	31	28	29	34	30	19	14	13	25	36	35	33	29	32	32	26				26.3
Philadelphia C.O.[1]	Maximum	31	34	32	35	39	39	41	37	45	49	46	49	38	38	50	55	42	33	32	34	36	54	52	47	55	58	58	34				42.6
	Minimum	16	25	19	21	30	26	26	34	34	34	35	34	30	30	33	42	30	25	18	18	25	36	36	36	39	40	33	28				29.8
Phila. Shawmont	Maximum	30	33	32	35	36	40	40	39	42	45	45	48	46	36	48	50	47	43	31	34	36	47	52	47	52	51	57	42				42.3
	Minimum	15	23	21	13	32	15	18	34	29	27	35	26	30	28	26	32	24	23	14	10	23	33	35	36	26	31	36	25				25.7
Philipsburg[3-7 E	Maximum	18	21	24	32	32	33	32	33	32	43	31	37	32	34	49	49	28	21	25	25	30	49	32	38	45	45	28	31				33.2
	Minimum	5	14	−2	−14	0	−7	−4	25	20	20	22	22	23	22	29	25	15	7	1	−1	10	29	25	24	15	28	19	5				13.5
Phoenixville-1.5 SE	Maximum	37	34	32	34	34	38	40	43	48	52	44	50	47	42	48	52	55	45	41	38	41	49	47	50	55	53	57	42				44.6
	Minimum	14	21	17	1	31	6	7	31	28	22	32	23	28	28	22	29	29	17	1	2	20	29	35	22	25	26	36	22				21.6
Pittsburgh Arpt Sta.[1]	Maximum	18	21	25	38	34	45	38	37	36	52	33	45	41	41	65	58	33	29	26	37	42	60	38	48	52	55	32	39				39.9
	Minimum	8	13	12	11	23	17	28	24	33	28	29	30	26	34	32	20	17	14	19	27	34	30	26	29	32	24	22	22				23.9
Pittsburgh City Office[1]	Maximum	23	24	29	40	35	39	40	40	39	54	35	48	43	42	66	59	35	30	31	38	44	60	39	51	54	58	32	40				41.7
	Minimum	12	17	16	12	25	18	27	30	28	35	30	32	33	33	28	37	35	23	20	17	24	29	36	33	29	32	31	27				26.5
Port Clinton /	Maximum	29	32	32	34	35	34	36	36	38	42	42	45	32	34	42	47	33	28	28	32	38	40	42	45	51	50	38	32				37.4
	Minimum	8	20	12	0	26	5	5	30	25	25	25	22	29	25	25	32	29	20	14	7	17	30	34	36	23	30	34	23				21.6
Putneyville-2.5 SE	Maximum	20	22	20	28	32	38	38	35	33	45	34	40	36	34	50	48	33	28	25	29	32	56	42	46	46	52	50	34				36.6
	Minimum	9	14	11	−3	22	0	10	28	22	29	26	25	27	23	27	32	25	13	7	9	20	31	29	25	22	35	22	12				19.7
Quakertown-0.5 E	Maximum	26	31	30	33	34	35	36	35	40	44	42	44	39	34	44	49	42	32	27	31	34	44	44	42	48	47	54	37				38.5
	Minimum	12	17	15	−5	28	−1	4	30	28	20	33	23	26	23	17	28	28	18	12	5	8	32	33	31	22	25	33	22				20.2
Reading[1]	Maximum	31	33	30	32	37	39	37	39	45	45	50	38	39	48	48	38	32	31	33	35	48	46	47	53	55	55	31					40.5
	Minimum	15	21	17	11	26	14	14	34	33	30	32	32	29	28	31	34	29	23	16	14	23	35	36	34	33	38	31	26				26.4
Ridgway /	Maximum	24	28	34	34	37	45	36	37	34	45	32	40	31	34	53	39	33	26	31	30	39	55	34	43	46	50	29	33				36.9
	Minimum	−1	12	1	−5	−2	−3	−5	4	23	21	19	25	24	23	22	26	24	5	2	−1	12	20	30	26	15	15	22	6				12.9
Scranton[1]	Maximum	23	23	23	33	30	39	34	34	33	45	40	37	29	31	49	42	33	23	24	29	41	48	44	38	44	45	47	37				35.6
	Minimum	12	17	14	2	14	6	11	30	29	27	26	25	24	21	21	30	23	13	12	9	20	33	34	30	30	33	25	25				21.4
Selinsgrove	Maximum	32	32	32	31	38	39	37	35	38	39	41	43	39	40	48	47	42	33	32	30	36	39	41	45	49	49	46	37				38.9
	Minimum	10	12	11	−5	20	1	5	26	29	24	28	15	27	26	25	30	29	15	6	8	18	30	34	28	22	27	30	18				19.6
Somerset	Maximum	13	18	23	30	40	47	41	36	33	53	49	46	42	37	58	54	35	28	30	36	33	55	50	43	47	52	50	38				39.9
	Minimum	5	10	10	−14	21	0	10	27	22	26	26	22	31	23	20	32	23	2	9	2	28	29	28	24	24	38	23	17				18.5
Springs[6-1 SW	Maximum	11	16	22	32	41	48	36	35	32	50	40	46	36	35	55	58	31	25	26	39	33	53	46	42	45	50	50	39				38.3
	Minimum	−5	5	8	−5	20	12	16	25	22	28	24	20	31	23	22	31	22	11	7	4	27	28	25	23	23	31	9	14				17.9
State College[1]	Maximum	23	27	29	25	35	38	30	35	35	41	38	42	34	35	50	54	33	27	30	30	32	47	41	43	50	49	46	33				37.0
	Minimum	11	17	14	4	23	10	10	30	25	28	26	24	26	26	30	32	27	10	12	14	17	32	30	28	32	40	23	17				22.1
Stroudsburg-2 E.	Maximum	27	30	32	34	35	37	38	38	37	45	45	45	43	39	48	51	47	35	32	32	38	43	43	42	47	47	48	40				39.9
	Minimum	12	21	10	−5	28	0	1	26	20	19	30	19	25	23	17	27	28	14	8	5	13	30	34	33	22	26	35	21				19.4
Tamarack /-2 S.	Maximum	25	26	28	26	34	38	29	30	31	39	29	38	24	33	47	39	31	27	28	24	32	49	33	39	40	44	22	25				32.5
	Minimum	−2	8	6	5	7	12	13	18	24	20	25	22	23	21	21	28	21	6	5	5	12	17	27	23	23	28	22	13				16.2
Tionesta /-1.5 SE	Maximum	21	23	26	29	28	42	32	34	33	43	32	41	34	33	48	42	31	18	30	30	43	54	35	43	46	50	27	34				35.1
	Minimum	5	15	−2	−5	0	−2	1	5	20	17	20	25	24	20	20	25	21	11	0	4	13	28	30	25	17	26	20	7				13.9
Titusville-2 S.	Maximum	20	22	25	26	32	40	35	34	35	41	36	37	35	30	48	51	30	26	28	28	37	50	41	42	44	46	47	30				35.6
	Minimum	9	14	3	0	17	1	5	27	20	26	23	25	26	19	28	28	19	9	0	6	13	31	28	24	20	37	19	6				17.2
Towanda-1 E.	Maximum	27	29	26	29	32	33	31	35	39	45	40	39	32	36	45	48	34	27	28	28	38	49	47	40	41	45	49	37				36.8
	Minimum	11	19	8	−13	21	−7	0	24	28	23	27	19	21	22	12	31	24	7	11	1	8	31	35	28	23	33	28	21				17.7

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Daily Temperatures for February 1945—Continued from page 15.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	21	22	31	42	42	45	40	41	35	61	51	51	48	45	71	69	41	33	31	39	43	62	55	53	58	55	54	46				45.9
	Minimum	10	15	14	3	27	15	29	34	28	35	29	25	38	29	29	38	27	17	12	13	33	40	33	27	27	46	28	24				25.9
Vandergrift[1]	Maximum	25	28	31	41	42	41	41	39	36	51	37	45	40	39	59	58	37	30	32	35	43	62	43	51	53	56	39	41				42.0
	Minimum	13	12	14	3	22	11	20	33	28	29	30	30	33	27	31	34	26	17	15	17	29	39	31	29	27	37	27	23				24.5
Warren	Maximum	22	24	26	25	29	40	28	33	31	41	34	34	30	32	46	48	30	20	26	28	37	50	39	40	45	47	33	32				33.9
	Minimum	12	17	0	5	20	3	11	26	22	30	26	25	21	21	28	29	18	13	3	10	16	32	28	27	21	33	22	10				18.9
Waynesburg	Maximum	19	19	29	37	41	44	42	38	34	57	47	52	47	45	69	68	40	30	30	35	45	59	53	50	54	54	52	39				43.9
	Minimum	6	13	11	− 1	23	10	27	29	24	31	23	23	33	26	26	34	25	9	5	10	29	41	30	24	23	41	25	19				22.1
Wellsboro/	Maximum	26	27	24	26	32	41	32	35	37	42	36	38	25	36	50	42	35	29	25	29	38	48	36	39	43	46	33	35				35.2
	Minimum	2	10	5	−10	−11	− 6	−11	− 2	29	20	19	18	19	19	16	33	18	0	3	− 1	3	10	32	26	15	14	25	16				11.1
West Chester	Maximum	31	32	31	33	38	36	39	35	41	45	45	49	40	37	49	52	43	33	31	34	35	45	48	47	53	48	56	37				40.8
	Minimum	12	19	16	13	29	16	18	31	30	28	34	28	30	27	28	36	27	23	12	10	24	34	34	31	29	34	35	24				25.4
Wilkes-Barre[3]	Maximum	30	29	26	30	32	40	34	36	35	45	39	40	30	33	50	49	33	27	28	30	43	45	40	41	42	48	48	38				37.2
	Minimum	12	18	16	− 4	7	2	6	27	28	20	22	16	23	15	17	30	19	12	9	8	14	32	33	27	23	32	26	25				18.4
Williamsport Arpt.[3-4] E	Maximum	30	33	30	28	36	37	34	36	37	40	37	34	30	39	45	44	30	32	29	28	34	41	40	43	41	43	40	32				35.8
	Minimum	13	19	7	− 3	11	3	7	32	28	25	21	14	25	22	26	28	20	13	5	11	14	33	32	32	23	33	24	19				19.2
Williamstown	Maximum	29	30	31	32	36	40	39	36	37	43	45	46	42	38	48	45	44	33	29	29	31	45	44	45	50	51	53	39				39.6
	Minimum	12	18	14	0	24	2	3	29	28	24	30	20	26	25	26	28	28	16	12	6	14	29	31	29	22	31	30	18				20.5
Woodward[3-2] NE	Maximum	24	24	26	23	32	37	29	30	30	39	33	35	30	30	47	45	28	26	25	25	29	47	32	38	43	45	33	26				32.5
	Minimum	8	14	9	9	16	16	23	24	21	29	22	22	21	22	30	25	17	8	6	13	20	29	24	24	30	33	17	14				19.5
York-3 SW	Maximum	32	34	34	34	38	41	42	39	42	49	45	51	50	41	51	49	47	35	35	36	37	45	46	50	56	54	58	40				43.2
	Minimum	12	14	16	0	28	6	6	30	31	23	33	23	30	28	28	31	29	8	2	4	21	32	35	29	26	37	38	24				22.3

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.68	19	29.42	22	9.4	32	se.	21	90	82	90	25	1020
Harrisburg	30.61	25	29.70	22	8.2	28	nw.	2	78	61	72	49	916
Philadelphia	30.62	25	29.66	8	9.1	26	nw.	1	84	63	72	51	875
Philipsburg	30.60	25	29.69	13	12.7	34[a]	w.	5	88	73	80	.....	1165
Pittsburgh	30.66	19	29.53	13	11.1	42	sw.	22	83	68	74	32	929
Reading	30.63	25	29.69	22	11.6	35	e.	13	76	58	59‡	46	880
Scranton	30.61	25	29.64	25	6.3	23	nw.	16	81	71†	.....	47	1024

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	5.9	10.6	26	4.9	12†	18
Easton	Delaware	3.4	8.3	27	2.4	3	22
Lehighton	Lehigh	.....	.....	.....	4.0	26	9
Reading	Schuylkill	5.1	10.5	27	3.3	1	13
Wilkes-Barre	N. Br. Susquehanna	6.2	15.3	28	3.6	13	22
Williamsport	W. Br. Susquehanna	3.6	15.6	28	1.4	7	20
Newport	Juniata	6.0	12.2	18	4.1	3	22
Harrisburg	Susquehanna	5.4	11.0	28	4.0	12†	17
Schenley (nr) Lock No. 5.	Allegheny	16.0	27.0	27	12.4	3	24
Sutersville	Youghiogheny	7.3	16.8	27	4.7	5	20
Charleroi (nr.), Lock No. 4	Monongahela	16.3	31.3	27	11.9	5	30
Pittsburgh	Ohio	*	27.7	28	*	.....	25
Midland, Dam No. 7	Ohio	*	36.2	28	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Charter Oak
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—5-26-45—975)

1.05
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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. L. MARCH 1945. No. 3.

GENERAL SUMMARY.

Spring was a month early this year, as March equalled the previous warmest of record and was as warm or warmer than 44% of all April records! Rains—it was wetter than normal—and the warm weather, causing the remaining snow cover to melt, produced rapidly fluctuating stream levels during a good portion of the period. New snowfalls were conspicuously absent, and the average was only 25% of normal. The month was a marked reaction to the arduous winter.

Mild weather continued from late February, and March came in like a lamb. Streams were still full. At Pittsburgh, stages were falling below flood levels, but on the Susquehanna River, ice from Columbia and Marietta, jamming in the Safe Harbor Pond at Turkey Hill, caused backwater several inches higher than the record 1904 level. Rains and melting snow on the 3d brought new flood peaks with a crest of 26.9 feet (about 2 feet above flood stage) at Pittsburgh, and well under bankful on the Susquehanna River, but sufficient to relieve the ice jams and restore vital freight service on the Pennsylvania Railroad lines below Columbia that had been interrupted since the 1st.

Heavy rains on the 6th and 7th caused still another flood rise, but only to a significant crest (33.4 feet) at Pittsburgh. Stages were retarded sharply at this time due to a brief interlude of cold air, the coldest of the month, although barely below normal.

Beginning with the 9th, temperatures began to climb and it is probable that the period from the 14th to the 20th was the warmest mid-March week of record, throughout the State the mean temperature averaging 21° above normal, and 29° on the 16th. Rivers began rising from snow melt on the 17th, and by the 22d, precipitation, falling mostly as rain, caused a new flood threat, but rapidly falling temperatures and a moderate snowfall lessened runoff with crests on the 23d generally under bankful. There was an immediate return to spring-like weather. On the 25th, spinach was reported being cut, the earliest on record. On the 26th in the west, and the 29th in the east, the afternoon maxima for most stations were the highest ever recorded in March, although the maximum, 91° at Marcus Hook, fell 1° short of the State record of 92° established in 1907. Vegetation was now three weeks to a full month ahead of normal, plowing and planting were under way, and farmers are looking at the season ahead with bright prospects.

The month closed violently with thunderstorms leaving a path of destruction across the State, and two deaths in the Philadelphia area. The adage of the lamb and lion was verified.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 85 stations was 48.0°, which is 10.3° above the 58-year normal for March. The highest monthly mean was 55.8° at Marcus Hook, and the lowest was 41.6° at Kane. Extremes ranged from a maximum of 91° at Marcus Hook on the 29th, to a minimum of 5° at Bradford and Ridgway on the 8th and 1st, respectively.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 203 stations, was 3.88 inches, which is 0.35 inch above the 58-year normal for March. The greatest monthly amount was 8.96 inches at Schenley, while the least was 1.39 inches at Doylestown. The greatest amount recorded in any 24 consecutive hours was 2.68 inches at Kregar on the 6th.

The average snowfall for the State was 2.1 inches, which is 5.7 inches below the 58-year normal. The greatest monthly snowfall was 14.5 inches at Bradford. The greatest fall for any observational day was 11.0 inches at Bradford on the 22d.

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	31.2	72	−6	3.55	9.9	11	6	10	13
1889	39.0	76	4	2.90	3.1	9	10	8	15
1890	33.2	76	−21	5.15	17.5	16	6	10	15
1891	33.8	60	−14	5.10	15.8	14	7	8	16
1892	31.8	66	−4	4.14	18.8	12	11	7	13
1893	34.8	74	3	2.52	4.8	11	9	9	13
1894	43.2	84	−2	1.63	1.3	8	12	11	8
1895	33.8	70	−4	2.31	9.0	11	10	10	11
1896	30 6	69	−18	4.51	21.1	11	11	8	12
1897	39.0	75	−5	3.22	3.4	13	11	7	13
1898	44.0	83	4	4.31	3.6	12	10	8	13
1899	36.3	75	3	4.87	7.9	14	5	9	17
1900	31.2	66	−23	3.61	13.1	10	10	9	12
1901	37.4	80	−11	4.14	3.3	13	7	10	14
1902	41.3	78	2	3.98	12.6	11	10	9	12
1903	46.4	83	14	4.52	0.1	11	10	7	14
1904	36.0	80	−2	4.29	4.7	12	9	8	14
1905	39.0	86	−18	3.86	4.1	11	12	8	11
1906	31.7	68	−13	4.46	20.4	14	8	7	16
1907	41.8	92	−10	4.26	9.3	12	11	8	12
1908	40.7	83	−4	4.76	3.7	12	11	8	12
1909	35.6	74	−5	3.07	7.3	12	10	9	12
1910	44.9	88	5	0.56	1.0	5	15	10	6
1911	35.0	73	−18	2.57	10.1	13	11	8	12
1912	33.6	72	−8	5.05	6.9	13	10	8	13
1913	42.1	81	−7	5.27	2.1	13	9	8	14
1914	34.2	79	−12	2.61	13.4	10	10	8	13
1915	32.9	62	−4	1.28	9.5	7	15	8	8
1916	30.7	84	−31	4.12	17.6	12	12	8	11
1917	37.3	84	−12	3.68	12.7	14	11	8	12
1918	41.6	82	0	2.34	1.5	8	17	7	7
1919	41.1	79	6	3.57	2.4	10	15	7	9
1920	38.7	80	−11	2.83	6.4	9	16	7	8
1921	48.0	88	7	3.33	1.0	14	12	9	10
1922	40.0	81	−5	4.37	6.1	14	11	6	14
1923	37.0	80	−8	2 49	6.2	11	13	8	10
1924	36.1	78	3	2.83	10.3	9	12	9	10
1925	40.9	79	−15	2.56	2.2	10	14	6	11
1926	33.1	79	−16	1.91	4.0	10	14	8	9
1927	42.0	82	−6	2.61	0.7	10	13	7	11
1928	37.0	82	−3	3.24	14.5	11	12	9	10
1929	43.7	89	−5	2.69	4.4	12	12	8	11
1930	37.9	78	−9	3.03	4.9	10	13	7	11
1931	36.3	69	10	2.96	6.6	11	8	7	16
1932	33.4	72	−8	4.41	14.7	11	10	8	13
1933	36.6	79	−7	5.33	5.6	14	8	7	16
1934	34.9	78	−22	2.96	7.7	12	12	7	12
1935	42.8	83	−6	2.62	2.9	12	11	7	13
1936	42.6	84	−3	6.84	7.4	15	9	7	15
1937	34.2	67	−3	2.00	8.3	10	11	8	12
1938	42.7	87	−5	3.19	2.0	14	10	8	13
1939	38.6	85	−10	3.59	3.8	12	11	8	12
1940	32.4	76	−13	4.89	7.9	14	8	7	16
1941	31.8	67	−10	2.10	18.0	9	13	7	11
1942	40.0	76	4	4.47	16.1	13	9	8	14
1943	37.2	85	−15	2.74	7.2	10	11	9	11
1944	34.4	79	−6	4.69	11.8	14	8	9	14
1945	48.0	91	5	3.88	2.1	14	13	8	10
Period	37.7	92	−31	3.53	7.8	12	11	8	12

Climatological Data for March 1945

Station	County	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	48.2	+10.5	86	29	21	8	2.69	−0.76	0.58	5–6	T	15	10	11	10	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	48.6	+11.2	81	28	21	8	5.80	+2.58	2.14	6–7	T.	15	14	12	5	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	50.0		84	29	21	13	2.77	.....	0.90	6	T.	14	15	4	12	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	77	49.9	+11.1	86	29	22	3†	2.26	−1.26	0.60	6	T.	13	18	3	10	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	51.0	+11.0	85	29	26	1†	2.27	−0.99	0.52	6–7	0	15	16	7	8	sw.	William B Spear.
Coatesville	Chester	481	58	51.4	+11.5	87	29	26	8	1.96	−2.17	0.60	6	0	9	8	9	14	sw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	3	44.2	.....	78	26	11	8	6.11	.....	1.61	6–7	2.4	17	8	10	13	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	43.6	.....	85	28	12	8†	2.88	.....	1.09	21–22	1.7	15	12	6	13	se.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	48.6	.....	81	28†	19	8	3.16	.....	0.81	5–6	0.6	17	10	10	11	sw.	U. S. Weather Bureau.
Emporium-1 E.	Cameron	1,100	59	44.4[e]	+9.0	83	26	11	1[e]	3.80	+0.16	1.25	21–22	3.4	13	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	51.8	+11.5	87	29	27	8†	1.92	−1.54	0.64	5–6	0	9	15	10	6	ne.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	49.0	+9.4	86	29	23	2	2.79	−0.51	1.03	6–7	T.	12	15	7	9	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	45.2	+12.2	80	29	15	8†	2.37	−1.59	0.55	6–7	0.5	11	12	4	15	w.	Andrew B. Evansha.
George School	Bucks	181	39	50.6	+11.2	87	29	22	8	2.08	−1.37	0.50	6	0	16	17	6	8	w.	N. W. Swayne.
Gettysburg	Adams	500	72	53.4	+12.9	86	29	28	8	1.60	−1.73	0.44	6–7	T.	12	18	7	6	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	47.6	+10.8	84	29	20	2	3.57	−0.38	0.84	‖	T.	14	17	5	9	sw.	Miss Sallie M. Johnson.
Hanover	York	600	41	52.2	+9.9	86	29	25	1	1.71	−1.69	0.54	6–7	T	15	14	7	10	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	52.0	+13.1	86	29	29	8	1.95	−1.09	0.85	6–7	T.	15	10	8	13	se.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	35	44.6	+9.9	84	28	14	8	2.45	−0.74	0.43	21	1.9	13	16	10	5	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	51.0	+9.8	82	29	30	2†	1.51	−1.58	0.45	21–22	T	12	15	6	10	s.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	49.2	+10.5	85	28	17	1	6.00	+2.45	1.64	21–22	T.	17	12	8	11	w.	Paul R. Yoder, jr.
Lancaster	Lancaster	255	58	51.1	+11.2	88	29†	24	2	2.24	−1.25	0.52	6–7	0	15	18	5	8	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	45.3	+10.6	83	28	15	1	2.44	+0.01	0.72	21–22	2.0	12	15	9	7	n.	Carlos P. Darling.
Lebanon	Lebanon	469	61	50.2	+11.0	88	29	24	1	2.43	−1.20	0.56	21–22	0	14	19	4	8	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	7	49.3[1]	.....	86	29	25	8†	3.54	.....	1.01	6	.....	14	.....	.....	.....	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	48.7	+10.2	85	28†	20	8	3.73	+0.25	0.79	21–22	0.5	18	16	2	13	e.	William R. Kelley.
Marcus Hook‡‡	Delaware	12	19	55.8[b]	+11.2	91	29	21	8	1.84	−1.58	0.40	6–7†	0	14	18	5	8	s.	Sun Oil Co.
Martinsburg	Blair	1,193	3	49.0		79	28	22	8	3.71	.....	1.61	6–7	T	16	6	13	12	w.	U. S. Weather Bureau
Montrose-3 E.	Susquehanna	1,176	40	41.8[c]	+9.9	78	28†	14	8†	3.42	+0.62	0.47	10	7.6	15	16	5	10	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	44.0	.....	79	28†	15	8	2.60	.....	0.61	20–21	T	17	3	25	3	n.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	47.6	+10.0	83	29	24	5†	2.12	−0.97	0.57	6	T.	14	13	6	12	sw.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	4	51.2	+12.1	87	29	28	8	1.72	−1.67	0.49	5–6	0	11	11	8	12	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	43.8	.....	79	29	16	8	6.33	.....	1.94	21–22	1.6	17	6	9	16	nw.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	51.4	+10.1	88	29	22	5†	2.19	−1.46	0.51	21–22	0	13	13	12	6	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	47.2	+8.7	84	29	22	1	2.94	−0.93	0.61	21–22	0	11	20	4	7	.....	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	49.0	+11.5	84	29	21	5	2.06	−1.59	0.51	21	T.	11	16	8	7	sw.	John E. Benner.
Reading	Berks	273	75	52.4	+11.8	86	29	28	8	2.19	−1.33	0.67	5–6	0	14	13	6	12	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	47.8	+12.1	83	28	20	8	2.15	−1.05	0.52	21	T	12	12	11	8	n.	U. S. Weather Bureau
Selinsgrove	Snyder	476	55	49.0	+10.3	83	29	22	8†	2.46	−1.23	0.57	6	0	13	17	2	12	sw.	Dr. George E. Fisher.
State College	Centre	1,217	60	49.2	+12.9	81	28	21	8	4.49	+1.13	1.35	21	1.2	17	11	7	13	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	48.4	+11.4	86	29	18	8	2.43	−1.35	0.61	6	0.6	14	14	6	11	w.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	5	43.8	.....	80	28†	13	1	3.49	.....	0.92	21–22	5.1	16	13	7	11	w.	James E. Swartz.
Towanda-1 E.	Bradford	754	51	46.8	+11.6	83	28†	16	8	2.44	−0.23	1.12	21–22	1.7	14	12	9	10	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	42.2	+9.3	81	28	13	9	2.01	−0.98	0.95	21–22	2.8	14	13	8	10	w.	M. S. Bliss.
West Chester	Chester	440	96	52.0	+12.7	87	29	25	8	2.21	−1.74	0.58	21	0	8	14	9	8	sw.	Clyde T. Saylor.
Wilkes-Barre‡‡	Luzerne	544	7	47.3	.....	83	28†	19	8	2.80	−0.11	0.97	20–21	T.	14	6	16	9	sw.	Civil Aeronautics Authority
Williamsport Apt.-4E.	Lycoming	520	1	47.4	.....	83	28†	21	8	4.03	.....	1.76	21–22	0.4	17	5	13	13	w.	U. S. Weather Bureau.
Williamstown‡‡	Dauphin	775	29	50.2	+11.4	84	29	22	2	2.82	−0.45	0.46	21–22	T.	12	12	8	11	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	45.9	.....	79	28†	18	1	3.87	.....	1.26	21–22	0.3	15	10	6	15	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	52.5	+11.6	86	29	24	13	2.17	−1.13	0.36	6–7	0	12	16	10	5	sw.	York Water Co.
Division mean			....	**48.5**	.....	**91**	**29**	**11**	**1†**	**2.89**	.....	**2.14**	**6–7**	**0.7**	**14**	**13**	**8**	**10**	sw.	
Ohio Drainage																				
Bradford-4 W.	McKean	1,680	28	41.8	+6.8	81	26	5	8	6.06	+2.75	1.51	20–21	14.5	14	9	10	12	w.	City Water Dept.
Brookville	Jefferson	1,400	55	44.8	+11.3	81	26	17	8	6.27	+3.00	1.72	21–22	.....	17	4	13	14	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	32	49.4	+11.3	84	27	18	8	6.96	+3.42	1.20	21–22	4.2	13	14	7	10	w.	Butler Eagle.
Clarion‡‡-3 SW	Clarion	1,114	35	46.0	.....	83	26	15	8	5.90	+2.22	1.59	21–22	4.5	15	10	9	12	e.	Penna. Electric Co.
Claysville	Washington	1,170	42	48.4	+7.7	82	25	18	11	7.01	+3.38	1.73	‖	1.0	12	14	6	11	nw.	Walter B. Paget.
Corry	Erie	1,410	31	45.2	+12.2	80	26	16	4	4.87	+1.39	1.10	21	7.1	15	18	5	8	sw.	J. Fred Kinley.
Coudersport‡‡	Potter	1,653	21	43.6	+10.4	85	29	9	8	2.77	−0.96	0.90	20–21	5.4	10	16	9	6	s.	Potter Enterprise.
Derry	Westmoreland	1,150	48	50.7	+10.8	82	25†	21	8	7.01	+2.90	2.50	6	.....	12	11	11	9	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	48.1	.....	82	26	17	8	5.43	.....	2.55	6	3.5	14	11	15	5	w.	Penna. Turnpike Comm.
Donora‡‡	Washington	761	19	53.2	+11.1	85	25†	25	8	6.71	+3.20	2.59	6	T.	15	7	9	15	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	45.3	+9.8	78	29	15	1†	6.79	+3.30	1.61	19–20	1.6	16	12	11	8	w.	Miss Emma H. Eastman.
Farrell	Mercer	855	32	49.9	+11.9	84	26	18	8	4.81	+2.00	1.33	19–20	3.5	12	17	9	5	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S.	Armstrong	950	2	48.3	.....	82	26†	17	8	7.66§	.....	1.16	6–7	0.5	16	13	3	15	w.	U.S. Engineers.
Franklin	Venango	987	71	45.6	+10.2	81	26	14	1	4.86	+1.43	1.23	21	5.5	12	16	5	10	s.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	36	48.6	+8.6	83	26	19	8	6.62	+2.99	2.33	6	0.6	15	13	6	12	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	41	49.6	+10.8	81	26	18	8	6.96	+3.04	1.88	6	.....	17	18	7	6	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	45.2	.....	84	26	12	8	4.14	+1.23	1.35	20–21	.....	15	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	50.0	+10.8	83	29†	24	1†	5.94	+1.72	2.00	6	.....	18	14	8	9	sw.	.....
Kane-1 N.	McKean	1,750	30	41.6	.....	79	26	6	8	4.53§	+0.72	1.82	21	8.9	13	14	4	13	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	44.8	+10.0	80	26	15	8	4.22	+1.02	0.80	5–6	5.5	15	11	8	12	sw.	City of Meadville.
Midland	Beaver	780	9	49.0	.....	82	26	24	8†	7.72	.....	1.42	21–22	4.0	15	13	8	10	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	49.2	+12.1	83	26†	17	8	5.72	+2.63	1.10	20–21	9.7	14	8	14	9	sw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	51.2	+14.0	81	26	22	8	5.97	+2.94	2.60	5–6	1.3	16	9	11	11	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	46.7	.....	80	26	17	8	7.02	.....	1.45	21–22	4.7	15	9	10	12	sw.	U. S. Engineers.
Ridgway	Elk	1,385	38	42.3	+8.9	82	26	5	1	5.39	+2.25	1.41	21–22	3.0	17	11	6	14	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	47.3	+11.4	78	19†	18	14	4.45	+0.19	1.80	6	3.2	12	5	14	12	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	45.8	+9.9	76	19	18	7	4.36	+0.66	1.64	6	4.5	15	8	9	14	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	43.6	.....	80	26	12	8	5.46	.....	1.39	21–22	5.5	18	12	6	13	w.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	46.2	.....	82	26	11	8	4.80	.....	1.58	21–22	5.8	14	5	16	10	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	53.2	+11.6	86	26	24	13	6.30	+2.30	1.90	6	1.5	12	15	7	9	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	50.7	+10.7	86	26	22	8	8.13	+4.90	2.66	21	.....	16	9	14	8	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	57	44.9	+10.4	80	26	16	8	4.88	+1.61	1.96	21	6.0§	12	13	10	8	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	50.0	+9.2	84	25	19	11	5.30§	+1.08	1.86	6	T.	12	10	13	8	sw.	Thomas S Knox.
Division mean			....	**47.2**	.....	**86**	**26**	**5**	**1†**	**5.78**	.....	**2.68**	6	**4.3**	**14**	**12**	**9**	**10**	sw.	
Lake Drainage																				
Albion	Erie	900	2	49.0[c]	.....	83	26	15[c]	12	4.47	.....	0.87	21	6.3§	15	19	5	7	.....	Samuel D. Lewis
Erie	Erie	705	72	46.8	+13.3	82	28	22	8	4.52	+1.90	1.46	21	4.1	13	9	11	11	sw.	U. S. Weather Bureau.
State mean			....	**48.0**	**+10.3**	**91**	**29**	**5**	**1†**	**3.88**	**+0.35**	**2.68**	**6**	**2.1**	**14**	**13**	**8**	**10**	sw.	

[See page 24 for explanation of reference marks.]

Daily Precipitation for March 1945

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	.10	...	.14	...	...	.28	.26	...	...	...	T.	...	...	...	...	.10	...	.11	...	.17	.18	.42	.07	...	...	...	.06	...	...	...	.04	1.93
Hawley[2], 0.5 E	Wayne	.14	...	.20	T	...	.18	.17	...	...	...	.04	...	.06	...	...	.10	...	.32	...	.07	.37	.43	.09	...	...	...	...	.28	...	T.	T.	2.45
Hollisterville[2]	Wayne	.12	...	.17	.02	...	.07	.38	...	...	...	.01	...	.02	...	...	.13	...	.17	...	.15	.26	.37	.13	...	...	...	...	.23	...	.05	...	2.28
Lakeville[2], 1 N	Wayne	.17	...	*	...	...	.09	.41	...	...	...	.09	...	.07	...	...	.04	...	*	...	.41	*	*	.40	...	...	...	.12	...	...	.01	...	1.81
Matamoras[2]	Pike	...	...	.28	...	...	.16	.33	...	...	...	...	...	...	...	...	.06	...	...	...	.13	.11	.32	.07	...	...	...	.05	...	...	...	...	1.51
Mount Pocono[3], 2 N	Monroe	...	.06	.10	...	T.	.47	.09	...	...	.02	T.	.02	...	...	.01	.09	.12	...	.23	.10	.60	.10	T.	...	...	...	.23	...	.07	.02	.27	2.60
Pleasant Mount[1, 5], 1 W	Wayne	.02	.02	.21	...	...	.38	...	...	...	.21	...	.06	...	...	...	.13	.08	...	.10	...	.60	.10	...	...	...	...	.32	...	...	...	.27	2.50
Stroudsburg, 2 E	Monroe	.09	...	.15	...	...	.61	.18	...	...	T.	.03	...	...	...	...	.09	.07	...	.03	.27	.48	.30	.02	...	...	...	.10	...	...	T	.01	2.43
Tamers Falls[1, 5], 1 SE	Wayne	...	...	.18	...	...	.35	...	...	...	.12	.03	.05	...	...	...	.10	.09	...	.02	.08	.70	.05	...	...	...	...	.25	...	...	...	.23	2.25
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh	...	.07	.24	...	.02	.60	.09	...	...	.01	T.	.09	...	...	T.	.10	.04	...	.35	.22	.39	.13	...	...	...	...	.08	...	...	T.	.26	2.69
Allentown[2]	Lehigh	.10	...	.32	.02	...	.27	.43	T.	...	...	.03	...	.02	...	...	.08	...	T.	...	.17	.41	.30	.10	...	...	...	...	.06	...	...	.06	2.37
Bethlehem[4]	N'rthampton	...	.11	.23	...	.02	.54	.21	...	...	.08	...	T.	...	...	...	.04	...	...	.19	.25	.30	.10	...	...	...	...	.07	...	...	...	.32	2.46
Blakeslee Corners[1, 5]	Monroe	...	.07	.16	...	...	.40	.07	...	...	.11	.03	.03	...	...	...	.10	.13	...	.34	.09	.35	.05	...	...	...	...	.11	...	.07	...	.20	2.31
Gouldsboro[2]	Wayne	.12	...	.10	...	...	...	.25	...	...	...	.03	...	.02	...	...	.12	...	.10	...	.25	.24	.29	.13	...	...	...	.26	...	...	.07	...	1.98
Lansford[2]	Carbon	.10	...	.27	T.	...	.49	.46	...	...	...	T.	...	.04	...	...	.15	T.	T.	T.	.20	.27	.60	.03	...	...	...	...	.14	...	*	*	2.75
Mauch Chunk, 1 S W	Carbon	.15	...	.29	...	...	.80	.17	...	...	...	...	...	.03	...	...	.15	.07	...	*	...	1.02	.30	T.	...	...	...	.14	...	...	...	T.	3.12
New Tripoli	Lehigh	.02	...	.36	...	...	.66	.16	...	...	.03	...	...	T.	...	...	.05	.01	...	.30	.08	.60	.02	...	...	...	...	.12	...	...	...	.30	2.71
Palmerton[1, 5]	Carbon	T.	.09	.12	...	.01	.57	.06	...	...	.04	...	.03	...	...	...	.19	.04	...	.15	.15	.43	T.	...	...	...	...	.12	...	...	T.	.12	2.12
Zionsville, 1 SW	Lehigh	.15	...	.28	...	...	.44	.22	...	...	T.	...	...	T.	...	...	...	...	...	.02	...	.56	.36	.02	...	...	...	.04	...	...	...	.05	2.14
SCHUYLKILL																																	
Conshohocken	Montgomery	*	...	*	...	T.	*	.70	...	...	...	...	...	T.	...	...	T.	T.	...	.02	...	.61	.16	T.	...	...	...	...	...	...	...	*	1.49
Fredericksville[2], 1 S	Berks	.22	...	.28	...	...	.39	.34	T.	...	...	.04	...	.02	...	...	.08	...	T.	...	.02	.35	.35	.08	...	...	...	...	.08	...	...	.04	2.29
Gratersford[2]	Montgomery	.22	...	.22	.11	...	.18	.73	...	...	...	...	...	.11	...	...	.06	...	...	...	.31	.12	.38	.14	...	...	...	.01	...	...	...	...	2.62
Phoenixville[2], 1.5 SE	Chester	.17	...	.20	.08	...	.28	.45	.03	...	...	...	T.	.01	...	...	.02	...	T.	...	.10	.12	.51	.16	T.	...	...	...	T.	...	...	.06	2.19
Port Clinton[2]	Schuylkill	.12	...	.28	T.	...	.31	.48	...	...	...	...	...	.18	...	...	.08	...	...	...	.30	.42	.61	.05	...	...	...	...	.11	...	...	...	2.94
Pottstown[2], 0.5 S	Montgomery	.09	...	.23	.04	...	.34	.42	.01	...	...	T.	...	.01	...	...	.03	...	.01	...	.32	.12	.57	.09	...	...	...	...	.07	...	...	.04	2.39
Pottsville[2]	Schuylkill	.06	...	.27	T.	...	.53	.33	...	...	...	T.	...	T.	...	...	.08	...	T.	...	.58	.25	.72	.02	...	...	...	...	.21	...	T.	T.	3.05
Reading[1, 5]	Berks	...	.10	.11	...	.05	.62	.11	...	...	T.	...	.03	...	...	...	.05	.02	...	.10	.31	.21	.11	T.	...	...	...	.10	...	...	T.	.27	2.19
Wernersville	Berks	T.	...	.20	...	...	.66	.20	...	...	T.	...	T.	.03	...	...	.03	.11	...	.10	.01	.62	.07	...	...	...	...	.08	...	...	...	.22	2.33
LOWER DELAWARE																																	
Coatesville[6]	Chester	...	...	.31	...	...	.60	.12	...	...	.03	...	...	...	...	...	...	...	...	.10	...	.52	.06	...	...	...	...	.02	...	...	...	.20	1.96
Doylestown	Bucks	T.	...	.29	...	...	.39	.22	...	...	.02	T.	...	T.	...	...	.01	T.	...	.03	.03	.20	.20	T.	...	...	...	...	...	...	...	T.	1.39
George School	Bucks	T.	...	.19	...	...	.50	.22	...	.02	.04	.01	.01	.02	...	...	.04	.04	...	.04	.13	.34	.15	.05	...	...	...	...	...	...	...	.28	2.08
Marcus Hook[2]	Delaware	.30	...	...	.21	...	.18	.40	.02	...	...	.03	...	.01	...	.04	.02	...	.02	...	.01	.10	.40	.10	...	...	...	...	...	...	...	T.	1.84
Philadelphia																																	
Airport Station[1, 5]	Philadelphia	T	.10	.13	...	.05	.44	.06	...	...	T.	T.	.01	...	...	.12	.02	T	...	T	T.	.48	.14	T.	...	...	...	T.	...	...	T	.17	1.72
City Office[1, 5]	Philadelphia	T.	.06	.10	...	.05	.47	.02	...	...	.04	...	T.	...	...	.04	...	...	...	T.	...	.55	.12	...	...	...	...	...	...	...	T.	.16	1.61
Shawmont	Philadelphia	T.	...	.24	...	...	.25	.40	...	...	...	...	...	...	...	...	...	...	...	.07	...	.43	.30	.05	...	...	...	...	...	...	...	...	...	1.74
Quakertown, 0.5 E	Bucks	T.	...	.28	...	...	.41	.24	...	...	T.	T.	...	...	...	...	...	.07	...	.06	.01	.51	.24	.02	...	...	...	.02	...	...	...	.20	2.06
West Chester	Chester	...	T.	.33	...	...	.42	.31	...	...	T.	T.	...	T.	...	...	.03	...	T.	.08	...	.58	.12	...	...	...	...	...	...	...	...	.31	2.21
West Grove[2], 1.5 SE	Chester	.32	...	.20	.09	...	.24	.46	T.	...	...	.04	...	T.	...	...	.03	...	T.	...	...	.14	.36	.18	T.	...	...	...	T.	...	...	...	2.06
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.07	1.03	.27	...	...	...	...	07	...	.21	...	.30	§§
Covington[2]	Tioga	.14	...	.17	...	...	.10	T.	...	...	.03	T.	...	...	...	...	...	.22	...	...	...	.24	.91	T.	...	...	...	.10	...	...	T.	...	1.91
Lawrenceville	Tioga	T.	...	.09	...	...	.10	...	...	...	.10	T.	T.	...	...	...	.09	.18	...	.10	.08	.54	.72	...	...	...	...	.06	...	...	.18	.20	2.44
NORTH BRANCH																																	
Berwick[2]	Columbia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Canton[2], 1 NW	Bradford	T.	...	.17	T	...	.18	.15	T.	...	T.	.02	...	T.	...	...	.10	T.	.15	...	.03	.21	.78	.04	...	...	...	.07	.09	...	.01	...	2.00
Danville[2]	Montour	.10	...	.15	T.	...	.22	.42	...	...	...	.07	...	.05	...	...	.20	...	.15	...	.60	.20	.60	.04	...	...	...	.15	.12	...	.04	T.	3.11
Freeland[2]	Luzerne	.05	...	.16	...	...	.25	.55	...	...	...	.05	.05	T.	...	...	T.	...	.08	...	.05	.45	.15	.53	...	...	...	...	...	...	...	...	2.37
Hop Bottom[2], 2 S	Susquehanna	.09	...	.19	T.	.24	.18	...	...	.01	.20	T.	.05	...	...	...	.16	...	.14	...	.07	.29	.54	.08	...	...	...	T.	.36	...	.03	...	2.63
Millville[1, 5]	Columbia	...	.06	.14	*	*	*	*	*	*	*	.40	.02	...	...	.04	.07	.14	...	.58	.01	.65	...	...	...	...	...	.23	...	...	...	.14	2.48
Mouroeton[2], 2 S	Bradford	.05	...	.08	T.	...	.06	.34	...	...	...	.16	...	T.	...	...	.14	...	.34	...	.02	.07	1.23	.12	...	...	...	T.	.30	...	.02	T.	2.93
Montrose[2], 3 E	Susquehanna	.18	...	.19	...	...	.37	.03	...	...	T.	.47	...	.02	...	...	.11	...	.28	...	.14	.21	*	.99	...	...	...	...	.40	...	.01	02	3.42
Orwell[2], 3 N	Bradford	.06	...	.12	.02	...	*	.32	...	...	.01	.36	...	.14	...	...	.17	...	.12	...	.13	.30	.97	.04	...	...	...	.02	.36	...	...	...	3.14
Park Place[3], 1 NW	Schuylkill	...	T.	.22	...	.01	.57	.18	...	...	.04	T.	.03	...	...	.03	.19	.03	...	.20	.13	.67	.05	T.	...	...	...	.19	...	.02	T.	.28	2.84
Pikes Creek[1, 5]	Luzerne	.10	...	.15	...	...	.30	.03	...	...	...	...	...	...	...	...	.05	.12	...	.21	.02	.86	.06	...	...	...	...	.19	...	...	...	.35	2.44
Scranton[1, 5]	Lackawanna	...	.12	.06	...	...	.31	T.	...	...	T.	T.	.01	...	...	T.	.14	.13	...	.12	T.	.52	.04	T.	...	...	...	.44	...	T.	.01	.25	2.15
Susquehanna[2]	Susquehanna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Towanda, 1 E	Bradford	.01	...	.07	...	...	.18	.10	...	...	.13	.02	T.	...	...	...	.18	.06	...	.03	.04	.71	.51	T.	...	...	...	.38	...	...	T.	02	2.44
Tunkhannock[1, 5]	Wyoming	...	.09	...	...	...	.42	...	...	...	.04	...	...	...	...	.10	.14	.22	...	.02	.03	1.05	.11	...	...	...	...	.39	...	...	...	.12	2.73
Wilkes-Barre[3], 3 N	Luzerne	...	.07	.03	...	.02	.44	.04	...	...	T.	T.	.05	...	...	T.	T.	.27	...	.31	.23	.74	.14	...	...	...	...	.24	...	.01	T.	.21	2.80
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.06	...	.12	...	...	.21	.16	...	...	.02	T.	...	T.	...	...	.05	...	.22	.01	.13	.24	.76	.01	...	...	...	.06	...	...	.02	.07	2.14
Carrolltown[2]	Cambria	.16	T.	.77	.04	...	.90	1.37	T.	...	.02	.05	...	.24	...	...	.06	...	.08	.16	.58	.24	.91	.11	...	...	...	.01	...	...	.37	.04	6.14
Carter Camp[2]	Potter	.08	...	.29	...	...	.24	.32	...	...	.02	T.	...	.07	...	...	.18	...	.41	T.	.20	.21	.86	T.	...	...	...	T.	...	...	.01	.01	2.90
Cedar Run[2]	Lycoming	.06	...	.22	.03	...	.27	.31	.04	...	T.	.05	...	.03	...	...	.09	...	.12	...	.26	.17	.85	.04	...	...	...	.07	.09	...	.17	.08	2.95
Clearfield[2]	Clearfield	.23	...	.57	.05	...	.56	1.02	.02	...	T.	.07	...	.20	...	...	.18	...	.38	.04	.58	.44	1.22	.02	...	...	...	T.	...	...	.32	T.	5.90
Coalport[2]	Clearfield	*	...	.60	*	...	.70	1.31	T.	...	T.	.05	...	.14	...	...	.05	T.	.15	T	*	.81	.76	.05	...	...	...	...	.02	...	.20	...	§4.84
CurwensvilleApt[3] 6NW	Clearfield	T.	.48	.27	...	.09	1.61	.05	...	T.	.03	T.	.22	...	...	.07	.19	.25	...	1.00	.10	1.31	.06	...	...	...	T.	T.	...	.31	.01	.06	6.11
Driftwood[1, 5]	Cameron	...	.12	.25	...	...	.92	.09	...	...	.02	...	.07	...	...	.05	.05	.26	...	.40	*	1.75	.15	.01	...	...	...	...	...	...	.04	...	...	4.18
Dushore[1, 5]	Sullivan	*	*	*	*	*	*	*	*	*	*	*	*	.63	*	*	*	*	*	.39	*	*	*	*	*	*	1.09	.36	...	.03	.02	.07	2.59
Eagles Mere[2]	Sullivan	.15	...	.16	...	...	.19	.46	T.	...	...	.04	...	.02	...	...	...	.02	.17	T	.14	.14	1.09	.03	...	...	...	...	24	...	.02	.01	2.88
Emporium[2], 1 E	Cameron	.10	...	.34	T.	...	.50	.48	...	...	.02	T.	...	.08	...	...	.13	...	...	.25	.21	.39	1.25	.01	...	...	...	...	...	...	...	.04	3.80
Galeton	Potter	.02	...	.27	...	...	.20	.30	...	...	.02	T.	.02	...	...	...	.08	.36	...	.21	.03	.78	.73	...	...	...	...	.02	...	...	.08	.02	3.14
Karthaus[2]	Clearfield	.25	...	.42	.04	...	.58	.82	...	...	.01	.11	...	.24	...	...	.47	...	.22	.03	.51	.30	1.38	.06	...	...	...	.08	...	...	.19	.01	5.72
Lock Haven[2]	Clinton	.11	...	.26	.01	...	.38	.41	...	...	.02	.05	...	.07	...	...	.16	...	.30	.05	.53	.30	.79	.03	...	...	...	.13	.01	...	.06	...	3.73
Medix Run[1, 5]	Elk	...	.17	.32	...	...	1.14	.12	...	...	...	...	.08	...	...	...	.10	.20	...	.48	.08	1.53	.14	.02	...	...	...	...	...	.02	.02	.05	4.47
Philipsburg[3], 7 E	Centre	T.	.37	.10	...	T.	1.30	.11	...	...	.06	T.	.22	...	...	.02	.11	.56	...	1.13	.04	1.86	.21	...	...	...	T.	.16	...	.03	.01	.04	6.33
Renovo[2]	Clinton	.16	...	.31	.02	...	.27	.59	.02	...	.02	T.	...	.08	...	...	.14	...	.18	.05	.29	.48	1.11	.08	...	...	...	.09	...	...	.10	.03	4.02
State College[1, 5]	Centre	T.	.21	.19	...	...	1.10	.13	...	...	.06	...	.14	...	...	.04	.05	.13	...	.66	.01	1.35	.17	...	...	...	...	.19	...	.02	.02	.02	4.49
Tamarack[2], 2 S	Clinton	.07	T.	.36	.02	...	.31	.46	T.	...	T.	T.	...	.08	...	...	.12	...	.30	.05	.29	.21	.92	.09	...	...	...	.09	T.	...	.09	.03	3.49
Tyrone [1, 5], 4 NE	Blair	...	.25	.29	...	...	1.40	.07	...	...	.04	...	.20	...	...	.04	.06	.20	...	.75	...	1.81	...	...	...	...	...	.17	...	.05	...	.06	5.39
Wellsboro[2]	Tioga	.07	...	.12	...	...	.14	.18	...	...	T.	.02	...	T.	...	...	.09	...	.06	T.	.12	.10	.95	.05	...	...	...	.03	.02	...	.06	T.	2.01

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																															
Williamsport Apt.[3-4 E	Lycoming		.17	.07		T.	.64	.04			.03		.06			.10	.08	.18		.39	.03	1.76	.06	T.				.21		.05	.02	.14	4.03
Williamsport[2]	Lycoming	.09		.16	.02		.08	.54	.02			.01					.10	.05	.34	T.	.38	.05	1.69	.10				T.	.22		.07	.02	3.94
Williamsport[2], 4 SE	Lycoming	.09		.17	T		.24	.42	.01			.02		.03			.14	.04	.20	.02	.40	.30	1.77	.05				.02	.19		.01	.03	4.15
JUNIATA																															
Altoona, 4.5 W	Blair	.03		.52			1.78	.36			.12		.27	.03			.04	.17		1.21		.63	.25					.14		.15	.10		5.80
Brezzewood[1], 0.5 E	Bedford		.15	.06			.97	.03			.01		.05				T.			.14	.12	1.30	.10					.20		.15		.10	3.38
Buffalo Mills[2]	Bedford	.19		.24			.50	.75													.14	.06	.41					.20			.20	.02	2.71
Burnt Cabins[1], 2 NE	Fulton		.09	.18			.90	.10			.02		.07				T.	.01		.30	.10	.42	.17					.17		.13		.11	2.77
East Waterford[2], 3 E	Juniata	.08		.24	.03		.40	.63	T.			T.		.16			.03	.05	T.	.01	20	.24	.58	.10				.15	.04		.19	.03	3.16
Everett[2], 0.5 SW	Bedford	.11		.25			.31	.77				.03		.05			T.	T.		T.	.16	.06	.62	.14				.15			.14		2.79
Huntingdon[2]	Huntingdon	.05		.45	T.		.98	.97	.02		T.	.04		.14			.09		.20	.14	.74	.03	1.64	.17				.28			.05	.01	6.00
Lewistown[2], 2 SW	Mifflin	.05		.42			.47	.84				T.		.08				T.	.21	.02	.56	.02	.60	.09				.05	.08		.05	T.	3.54
Mapleton Depot[2]	Huntingdon	.05		.24			.66	.96	.02			.01		.18			.01		.01	T.	.43	.01	.94	.14				.14	.01		.05		3.86
Martinsburg[3]	Blair	T.	.27	.01		T.	1.61	.05			.03		.13			T.	.03	T.		.33	.02	.75	.07				.09	.18		.12	.01	.01	3.71
McConnellstown[2], 4NW	Huntingdon	.07		.44	T.		.92	.89	T		T.	T.		.17			T.	T.	.15	.23	.91	.05	1.38	.12				.27			.05	.09	5.74
Neffs Mills[1, 5], 3.5 NE	Huntingdon		.29	.13			1.02	.16			.03		.12			.03	.02	.05		.43	.02	1.02	.19					.21			.04	.05	3.81
New Bloomfield	Perry	.06		.28			.65	.33					T.	.11			.04	T.		.33	.25	.60	.18					.13			.03	.35	3.34
Newport[2]	Perry	.04		.26	.03		.49	.45	.01			T.		.12			.06	T.		T.	.33	.13	.36	.02				.07	T.		.03		2.40
Saxton[2], 1 W	Bedford			.34			.62	.71				.06		.14			T.			.06	.15	T	.86	.07				.22			.13		[3].36
Shade Gap[1, 5], 0.5 SW	Huntingdon		.10	.10			.88	.10					.12							.21	.18	.46	*	*	*	.16		.12		.06	.05	.15	2.69
LWR SUSQUEHANNA																															
Arendtsville[2]	Adams	.16		.18			.23	.50				.05		.01			T.		.19	.05	.20	.07	.32	T.				.10			.04	.04	2.14
Bloserville, 1.5 N	Cumberland	T.	T.	.28			.61	.18			T.			.09			.02	T.		.14	T	.70	.18					.14		T.	.06	.24	2.64
Carlisle	Cumberland	T.	.11	.29			.60	.20			.02		T.	.10			.04	T.		.16		.36	.11					.12	.07	T.		.08	2.26
Columbia	Lancaster	T.		.20		T.	.39	.30			T			.09			T.	.02		.19		.28	.41					.12				.19	2.19
Dauphin[2], 3 N	Dauphin	.05		.14	T.		.32	.57						.08			T.			T.	.20	.16	.56	.06				T.	.18		T.	T	2.27
Ephrata	Lancaster			.25		T.	.64	.15					T.	.02			T.	.01		.09		.51	.07					T.				.18	1.92
Glen Rock[1, 5]	York		.11	.11			.59	.11			.05		.03									.61	.03					.11				.13	1.88
Gordon	Schuylkill	.08	T.	.27			.84	.20				.05	*	.10			.06	T.		.26	.24	.53	.40					.22			T.	.32	3.57
Grantville, 2 SW	Dauphin	T.	T.	.20			.72	.10			T.	.01	.02	.03			.02	T.		.08	.86	.56	.05					.11				.23	2.98
Hanover[2]	York	.27		.11	T.		.20	.54	T.			.08		.05			T.	T.		.01	.07	.05	.11	.05				.12	.01		.03	.01	1.71
Harrisburg Apt[1], [5],3.5 S	Dauphin		.18	.05		.01	.82	.06			T.		.09			.02	T.	.01		.17	.01	.23	.05					.19		.01	T.	.05	1.95
Holtwood[2]	Lancaster	.11		.14	.04		.14	.38	T.			.04		T.			.02	T.	T.	T.	T.	.05	.45	.02				T.	.03		T.	.09	1.51
Huntsdale[2]	Cumberland	.14		.26	.02		.22	.49				.02		.07			.01		T.	T.	.22	.08	.37	.02				.10	T.	T.	.05	T.	2.07
Kirkwood[1, 5], 1 SW	Lancaster		.15	.02		.08	.55	.08			.05									.03		.36	.13					.08				.23	1.76
Lancaster	Lancaster	.01		.28			.44	.52			.01	.02		.01			.03	.05		.08	.01	.28	.39					.09				.02	2.24
Lebanon[2]	Lebanon	.15		.25	.01		.52	.33	T.			T.		.04			.04		.01	T.	.10	.17	.56	.03				T.	.19		T.	.03	2.43
Middletown[1], 1.5 W	Dauphin		.16	.07			.83	.10			T.		.03			T.	.02	.09		.17	.05	.25	.07					.21		.01	T.	.08	2.19
Millersburg[1], [5], 2 E	Dauphin		.15	.03			.56				.10		.06			.01				.30	.04	.35	.05					.17				.40	2.22
Milroy[2], 5 N	Mifflin	T.		.36	T.	.05	.33	.83	.05		T.	.12		.14			.15		.18	.21	T.	.19	1.42	.18				.19			.02	.02	[4].39
Newburg[1], 3.5 NW	Cumberland		.16	.12			.74	.24			.08		.15			T.	.05			.26	.21	.45	.10					.15		.06		.15	2.92
New Park	York			.23			.55	.40			.08											.75									.10	.28	2.49
Pine Grove[2], 1.5 NE	Schuylkill	.04		.12	.03		.45	.31				T.		.02			.04		T.		.40	.24	1.13	.03	T.					.21			.05	3.07
Ringtown[2], 1.5 SW	Schuylkill																																
Selinsgrove	Snyder	T.		.21			.57	.11					.05	.07				.17		.26	.06	.32	.36					.19		T.	.04	.05	2.46
Shamokin[2]	N'umberland	.05		.17	T.		.29	.60	.02			.08		.07			.06			T.	.32	.48	.36	.05				.02	.16				2.73
Shippensburg	Cumberland	T.	T.	.22			.45	.42			T.			T.			T.	.08	T	.12	T.	.34	.10					.10		.08		.03	[1].94
Sunbury[2]	N'umberland	.02		.10	.03		.23	.45	T.			T.		.04			.08	T.	.13	T.	.40	.19	.62	T.				.02	.14		.03	T.	2.48
Williamstown[2]	Dauphin	T.		.24	.04		.40	.44	T.			.16		.09			.06			T.	.38	.24	.46	.09					.22				2.82
Woodward[3], 2 NE	Centre	T.	.16	.07		T.	.74	.06			.03	T.	.05			.03	06	.22		.75	.01	1.26	.07					.22		T.	T	.14	3.87
York, 3 SW	York	.03		.16			.35	.36						.04				.07		.35		.28	.06	.02				.11				.34	2.17
York Haven[2]	York	.15		.14			.27	.58	.02			.03		.07			T.		.14	T.	.08	.21	.38	.02				.03	.15				2.27
Potomac Basin																															
Chambersburg[2], 1 SW	Franklin	.20		.20	T.		.21	.52				.04		.06					.03	.01	.32	.14	.25	.04				.14			.07	.04	2.27
Gettysburg	Adams	.01		.09			.29	.44			.06	T.		.01			T.	.01	T.	.14		.31	.05								.09	.10	1.60
Hewitt, 2 SW	Bedford	.23	.02	.24			*	.76			.02		T.				.02	.06		.20	T.	.47	.15					.15		.09		.03	2.44
Hyndman[2]	Bedford	.17		.22			.47	.46				T.		T.						T.	.17	.05	.61	.09				.19			.15		2.58
McConnellsburg[2]	Fulton	.09		.18			.21	.53									T.			T.	.15	.11	.70	.10				.12			.20	T.	2.39
Mercersburg[2]	Franklin	.23		.18			.17	.40				.05		.04			.02		.02	.08	.22	.18	.31	.03				.19			.04	.02	2.18
South Mt. San't'm[2]	Franklin	.21		.19	.02		.17	.56	.02			T.		.04			T.		.13		.33	.06	.18	.13				.10			.09	.03	2.26
GULF DRAINAGE																															
Ohio Basin																															
ALLEGHENY																															
Acmetonia[2]	Allegheny	.12		1.05	.05		1.05	1.45	.01		T.	.03		.22			.11		.46	.20	.63	.50	1.42								.30		7.60
Allens Mills[1, 5]	Jefferson	.08	.29	.48			1.44	.08			.04		.13			.09	.08	.56		.92	.30	1.23	.26				.08	.01		.15	.02	.07	6.31
Blairsville[2], 6 NE	Indiana	.03		.86	T.		1 57	1.59	.11		T.	.07		.27			T.		.08	.65	.60	.23	1.17	.04				.03			.24	.04	7.58
Boswell[2], 6 NW	Somerset			.79	T		1.60	.90	.04			.02		.21			.10			.39	.20	.16	.81	.14							.47		5.83
Bradford, 4 W	McKean	.03	T.	.35			.37	.18	T.	T.	.14	.03	T				.08	.24		.38	.27	1.51	1.41							T.	.45	.62	6.06
Brookville[3], 1.5 SW	Jefferson	T.	.53	.15		.22	1.51	.11			.01		.09			.10	.06	.19		.98	.24	1.72	.06				.02			.17	T.	.11	6.27
Buckstown[1, 5]	Somerset		.43	.22			1.93	.07			.06	.02	.15				.05	.02		.20	.04	.49	.18				.03	.12		.35	.08	.03	4 47
Clarion[2], 3 SW	Clarion	.11		.67	.05		.55	.82	T.			.02		.07			.21		.18	.11	.70	.55	1.59	T.							.25	.02	5.90
Corry	Erie	.03	.01	.35			.43	.03		T.	.04		.14					.43		.35	.34	1.10	.42								.25	.35	.60	4.87
Coudersport	Potter	.04		.24			.24	.16			.12		.02					.35			.18	.90	.52											2.77
Derry	W'moreland		T.	.88			2.50	.74			.05		.28				.30	.12		.28	.14	1.02	.50				T.			.20		T.	7.01
Donegal[1]	W'moreland	.10	.90	.25			2.55	.31			T.		.20			.05	.15	.05		.01	.10	.21	.26							.29			5.43
Dunlo[1, 5], 0.5 SW	Cambria	.02	.51	.17		.01	2.17	.10	.02	.02	.08		.21				.06	.19		.44		1.10	.20				.01	.11		.10	.06		[5].58
Ebensburg[2]	Cambria	.14		.79	T.		1.26	1.13	.01		.02	.07		.30			.03			.37	1.24	.15	.91	.01				.09			.27	T.	6.79
Ford City[2], 4 S	Armstrong	.10	T.	.83	.03		1.06	1.16	.04		.04	.07		.18			.19		.35	.78	1.02	.40	1.13								.28	T.	[7].66
Franklin[2]	Venango	.03		.34	T.		.70	.30			T.	T.		T.			.10		.12	.09	.84	.66	1.23								.17	.28	4.86
Glen Hazel[2], 1 NE	Elk	.19		.45	T.		.42	.54	T.		.04	T.		.02			.21		.14	.08	.47	.64	1.25	.04				T.			.18	.08	4.75
Home[1, 5]	Indiana	.02	.74	.25			1.91	.18		.04	.06		.12			.04	.04	.34		1.72	.05	.89	.16				.23			.12	.21		[7].12
Indiana	Indiana		.06	.89			1.88	.44			.10		.19	T.			.15	.28		.88	.17	.95	.29				.13	.19		.12	.18	.06	6.96
Johnstown[2], 0.5 W	Cambria	.08		.80	.09		2.00	.85	T.		.09	.02		.25			.20		.09	.26	.10	.15	.55	.09				.05			.24	.03	5.94
Kane[1], 1 N	McKean	T.	.16	.06			.10	.08		T.	.06	T.	T.			.09	T.	.30		.62	.33	1.82	.19							.30	T.	.42	[4].58
Kregar[1], 4.5 SE	W'moreland		.64	.62			2.68	.45			T.		.12			.21	.07	.15		.16	.31	.51	.80				T.	.12		.55	.05	.02	7.46
Lycippus, 1.5 E	W'moreland		.21	.87			2.46	.63			.11		*				.20	.21		.55	.17	.96	.56							.21		.05	7.19
Marienville[1, 5]	Forest	.04	.29	.30			1.10	.14			.06		.04			.14	.16	.22		.76	.17	1.88	.12							.41		.31	[6].14
Meadville[2], 1 S	Crawford	.21		.27	.08		.67	.23						.04			.02	.30	.21	.04	.48	.44	.63								.48	.22	4.22
Mosgrove[2]	Armstrong	.11		.76	.08		.50	1.26	.02		T.	T.		.16			.45		.26	.11	1.17	.56	1.71	T.							.22		7.37
Parkers Landing[2]	Armstrong	.11		.83			69	.79	T.					.05			.17		.29	.11	.81	.61	1.44								.27		6.17
Pittsburgh Cty Of[1, 5]	Allegheny		.64	.17		.07	2.52	.22		T.	T.		.17			.03		.15		.54	.05	1.27	T.							.11	.08	.02	6.04
Port Allegany[2]	McKean	.16		.22	.04		.16	.15			.03	.05		T.			.08		.26	.09	.03	.36	1.68	.02				.01			.27	.19	3.80
Punxsutawney[2]	Jefferson	.12		.81	.05		.84	1.05	T.		.01			.25			.28		.18	.16	.95	.40	1.15	T.				.15			.33		6.73

Continued on page 21.

Daily Precipitation for March 1945—Continued from Page 20

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																															
Putneyville[2], 2.5 SE.	Armstrong	.12		.74	.08		.78	1.12	.02		.01	T.		.25			.33		.18	.13	1.03	.43	1.45	T.				T.			.35	T.	7.02
Ridgway[2]	Elk	.18		.40	.04		1.00	.65	T.		.03	.02		.02			.10		.23	.09	.35	.66	1.41	T.				.05			.10	.06	5.39
Saltsburg[2]	Indiana	.06	T	.81			1.19	1.29	T		T.	.07		.22			.02	T.	.05	.39	.42	.38	1.12	T.				T.			.25	.01	6.28
Seward[2]	W'moreland	.11		.82	.04		1.23	1.27	.01					.22			.05		.03	.26	.13	.21	1.02	.20							.47		6.07
Sheffield[1, 5], 6 W.	Warren	.04	.19	.18			.56	.10		.03	.02				.05	.11	.02	.19		.52	.17	1.85	.03								.26	.02	.72	5.06
Smethport[1, 5], 1 SW	McKean	.04	.07	.26		.02	.41	.06	.04		.02					.02	.09	.18		.41	.15	1.55	.38					.02			.30		.35	4.37
Strongstown[1, 5]	Indiana		.25	.05			.87	.23			.09		.33				.10	17		1.46	.07	*	1.25					.03			.13	.28	.06	5.37
Tionesta[2], 1.5 SE	Forest	.10	.01	.42	.04		.73	.56	.04		.02	.03		.01			.16		.25	.09	.55	.66	1.39									.13	.27	5.46
Titusville, 2 S.	Crawford	.01	.01	.33			.60	.14		T.	.02		T.					.31		.47	.38	1.58	.26								.17	.10	.42	4.80
Union City[1, 5]	Erie	.02	.19	.21			.48		.03				.13				.03	.46		.50	.16	.85	.09								.16		.41	3.72
Vandergrift[1]	W'moreland		.37	.40			1.96	.39			.02		.15				.08	.04	.34	.70	.39	2.66	.27								.20	.14	.02	8.13
Warren[2]	Warren	.19		.18	.32		.33	.21			T.	T.					T.		.33	.01	.25	.44	1.96									.35	.31	4.88
Youngsville[1, 5]	Warren																																
MONONGAHELA																															
Confluence[2], 1.5 NW	Somerset	.20		.96	.04		.50	1.34	T.		T.	T.		.17			.04		T	.05	.21	.22	1.27	.07							.23		5.30
Connellsville[2]	Fayette	.05	T.	1.08	T.		.85	1.69	T.					.11			.10	T		.18	.24	.51	.98	.02							.33		6.14
Donora[1]	Washington		.52	.26			2.59	.26			T.					.02	.02	.19		.71	.14	1.63	.07								.11	.04	.02	6.71
Greensboro[2]	Greene	.09		1.05	.10		.48	1.66	.02					06			T			.09	.31	.43	1.33	.01							.28	.04	5.95
Greensburg, 2 S	W'moreland		.10	.87			2.33	.45			.01		.25				.09	.12		.58	.21	.84	.57				T.				.18	.01	01	6.62
Irwin	W'moreland	T.	.07	.81		T.	2.40	.56			.02		.24				.03	12		.38	.25	.70	.70								.32	.06	.08	6.74
Meyersdale[2]	Somerset	.26		.55	.01		.52	1.16	T.								.02		.02	.05	.21	.12	.35	.22					.12		32		3.93
Murrysville // [1, 5]	W'moreland		.55	.21		.06	2.26	.21			.04		.20				.03		.10	1.01	.03	.86	.14	.06							.15	.09		6.00
Newell[7]	Fayette		.08	.40			1.70	.68						.10			.18	.22		.23	.06	.40	.58	.01								.43		5.07
Pittsburgh Arpt.// [1, 5]	Allegheny	T.	.51	.12		.06	2.58	.21			.01		.24			.05	.01	.10		.70	.04	1.05	.05				T.				.23	.01	T.	5.97
Rices Landing[2]	Greene	.06		1.10	.03		.87	1.55	.01			.03		.05			.05		.03	.28	.06	.23	.84								.30			5.49
Somerset	Somerset	T.	T	.86			1.80	.31	T.		.01		12	T.			.03	.01		.26	.08	.40	.31					T.			.26	T.	T.	4.45
Springs[6], 1 SW	Somerset	T.	.23	.51			1.64	.18			.02		.15	.01			.04	.05		.42	.05	.55	.33					.13			T.		.05	4.36
Uniontown	Fayette		.29	.73			1.90	.63			T		.10				.04	.01		.19	.34	1.31	.46								.30			6.30
Waynesburg	Greene		.26	.64			1.86	.32					.15				*	.09		.28	.16	1.00	.15								.39			§5.30
BEAVER																															
Beaver Falls[2]	Beaver	T.		.63	T.		.39	1.25	T		T.	T.		.26			.15		T.	.19	1.07	.31	1.49								.30		6.04
Butler	Butler		.02	.80			1.06	.65			T.		.18				.35	.32		.75	.55	.82	1.20								.21	.05	6.96
Farrell[2]	Mercer	.08		.55			.78	.70				T.		T.			.01		.10	.14	1.33	.49	.43								.13	.07	4.81
Greenville	Mercer		.08	.37			.80	.32			.03		.03				.04	.43		.70	.56	.63	.30								.02	.02	.33	4.66
Jamestown[2], 2 NW	Mercer	.14		.27	.06		.52	.23			T.	.02		.03			.04	.03		.05	.63	1.35	.50									.03	.24	4.14
Mercer Arpt.[3], 2.5 NE	Mercer		.34	.01		.11	1.25	.12		T.	T.		T.			.02	T.	.06	T.	1.11	.30	.61									.26	.11	.15	4.45
New Castle, 1.5 N.	Lawrence	.05		.70			1.03	.55			T.		.06				.13	.10		.24	.51	1.10	.61								.27	.15	.22	5.72
Pennline, [2] 1 S	Crawford	.24		.27	.03		.47	.12	T.		T.	T.		.09			.08	T.	.40	.15	.34	.35	.57								.30	.25	3.66
OHIO																															
Claysville[2]	Washington	.08		1.05			1.73	1.41	T.					.17			.02		.17	.27	.50	.22	.85								.54		7.01
Coraopolis[2], 1 E	Allegheny	.12	T.	.79	.02		1.13	1.11	T.		02			.15			.05	.03	.30	.20	1.05	.42	.95	.01							.37		6.72
Midland[2]	Beaver	.07	T	.86	.03		.76	1.32	.02		1			.27			.14	.41	.24	.39	.93	.53	1.42								.33		7.72
Mt. Lebanon[6]	Allegheny		.47	.32		T.	2.50	.40			T.		.19			.02		.20		1.13	.34	1.20	.02								.14	.03	.02	6.98
Washington[1, 5]	Washington		.71	.27		.31	2.40	.10					.21			.06	.04	.12		.97	.04	.56	.04								.23	.02		6.08
LAKE DRAINAGE																															
Albion[2]	Erie	.37		.26			.65	*			.18		.01	.11			.08		.33	.29	.37	.56	.87								.11	.28	4.47
Erie[1, 5]	Erie		.14	.07			.56	.04		T.	.14		.21			.14		.25		.78	.12	1.46					T.			.05	T.	.56	4.52
Raymond[1, 5]	Potter	.05	.03				.30	.05		.01	.08					.10	.09	.21		.09													§§

[See page 24 for explanation of reference marks.]

Daily Temperatures for March 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	41	41	54	40	65	56	33	..	..	38	46	43	54	67	73	74	72	66	67	62	53	47	..	76	80	83	78	80	75	64	55	60.1[c]
	Minimum	19	33	34	27	27	38	24	..	..	31	28	15	20	33	51	56	54	34	48	47	33	32		32	42	58	52	57	52	47	41	38.0[c]
Allentown Arpt.[3-4] NE	Maximum	45	48	56	48	40	45	41	45	48	52	48	45	55	62	70	80	84	65	70	80	61	42	60	67	71	71	74	85	86	74	76	61.1
	Minimum	29	27	37	31	27	35	28	21	26	29	30	29	29	26	31	46	44	37	36	49	41	36	35	35	33	35	45	44	46	52	45	35.3
Allentown /.	Maximum	47	50	58	50	41	46	40	45	49	53	47	46	56	62	72	80	84	65	72	86	62	60	62	67	70	70	75	85	85	75	77	62.5
	Minimum	25	29	31	31	26	29	34	24	25	29	30	30	32	27	29	35	44	45	38	40	52	39	37	34	34	35	36	44	45	48	54	35.2
Altoona-4.5 W	Maximum	42	48	59	47	46	45	45	41	45	47	45	47	53	67	69	79	79	69	73	73	62	44	66	70	71	75	75	81	80	70	72	60.8
	Minimum	25	27	39	26	27	36	31	21	25	27	28	29	26	29	34	47	50	37	43	54	43	31	32	41	34	41	51	47	50	48	46	36.3
Arendtsville[6]	Maximum	49	51	67	51	40	47	44	47	50	51	49	52	60	65	69	83	82	67	79	82	63	48	69	72	70	73	79	85	86	79	79	64.1
	Minimum	29	26	42	31	28	37	37	24	28	29	31	27	28	27	37	47	51	44	41	51	48	38	35	41	37	36	50	46	50	61	52	38.4
Berwick/	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bethlehem[1]	Maximum	46	50	59	51	42	46	40	46	49	50	47	46	56	63	74	81	85	66	72	81	62	40	59	66	70	70	74	85	85	74	77	61.7
	Minimum	30	33	40	32	30	38	24	24	30	34	34	32	35	32	39	54	54	45	43	52	40	36	35	42	40	40	51	50	53	54	48	39.5
Bradford-4 W	Maximum	42	45	54	40	57	52	38	37	40	38	44	44	50	63	66	72	71	70	61	61	60	34	58	60	72	81	80	79	77	64	65	57.3
	Minimum	20	23	34	15	17	30	23	5	10	27	14	20	10	21	26	35	29	24	34	45	33	30	15	30	22	32	35	36	42	40	40	26.4
Brookville[3]	Maximum	39	50	57	45	58	47	35	38	38	41	43	48	52	64	70	77	71	65	63	59	55	39	63	67	75	81	73	78	77	62	66	57.9
	Minimum	24	26	27	21	30	35	22	17	21	30	28	24	19	23	30	43	39	31	45	52	32	28	25	31	28	41	43	38	43	46	43	31.8
Burnt Cabins[1-2] NE	Maximum	46	53	66	54	42	48	45	46	50	50	50	52	57	68	71	83	81	68	76	83	62	42	68	69	71	72	80	82	84	76	76	63.6
	Minimum	26	23	40	29	25	38	34	23	25	27	26	35	21	24	34	50	46	45	48	50	42	33	30	40	29	44	50	40	44	56	47	36.3
Butler	Maximum	36	43	55	59	62	62	52	35	42	43	49	43	53	65	63	73	78	73	65	68	61	43	62	68	75	80	84	77	80	79	68	61.2
	Minimum	27	32	32	42	35	52	30	18	24	33	30	33	23	25	38	55	45	40	46	58	43	32	30	35	33	45	52	40	47	45	50	37.7
Canton /-1 NW	Maximum	43	47	56	36	40	44	34	39	44	42	42	34	52	60	69	75	75	65	61	71	41	39	57	60	71	72	74	79	80	67	69	56.1
	Minimum	17	18	32	24	24	25	26	15	15	21	20	24	25	26	32	46	50	36	38	48	38	31	28	35	32	35	47	50	55	42	42	32.2
Carlisle	Maximum	48	45	66	60	48	47	45	46	51	52	50	52	58	65	69	83	82	75	70	82	75	51	68	69	69	72	78	85	86	77	78	64.6
	Minimum	25	32	22	28	28	34	33	22	27	27	30	25	28	23	31	45	43	43	38	47	47	37	32	38	30	34	49	40	47	54	53	35.2
Chambersburg[6-1] SW	Maximum	47	51	67	54	44	47	47	44	51	51	52	52	60	65	70	84	79	67	79	82	70	45	71	72	72	73	79	83	85	74	77	64.3
	Minimum	26	29	35	35	28	37	35	26	28	31	27	29	28	27	36	48	48	49	41	50	45	37	38	42	32	37	42	43	47	60	51	37.6
Clarion[6-3] SW	Maximum	40	43	58	50	60	56	46	40	41	42	47	46	54	66	68	78	73	66	65	63	59	43	66	72	78	83	76	81	80	65	69	60.5
	Minimum	25	24	34	20	24	39	29	15	20	24	29	28	19	22	31	41	38	30	39	50	32	32	25	31	29	37	47	37	42	43	43	31.6
Claysville/	Maximum	42	57	59	49	62	55	34	39	44	49	49	53	56	68	73	80	71	70	78	67	54	48	66	73	82	79	76	78	78	65	65	61.9
	Minimum	23	27	39	25	25	43	30	20	19	20	18	20	22	23	27	43	50	33	40	52	53	31	28	37	38	56	50	49	50	48	46	35.0
Coalport/	Maximum	40	55	58	49	51	48	35	42	42	45	45	46	53	57	70	77	75	70	74	71	58	33	53	71	75	78	75	80	81	70	72	59.6
	Minimum	14	15	30	14	23	35	33	19	18	23	21	25	21	20	21	30	41	31	32	35	50	32	28	23	26	29	46	40	37	41	48	29.1
Coatesville[6]	Maximum	45	55	58	54	41	50	46	48	48	54	47	49	55	63	71	83	86	73	75	83	71	45	64	66	69	70	75	84	87	74	78	63.3
	Minimum	28	29	44	33	28	37	35	26	28	30	33	28	31	28	38	50	53	51	45	54	44	38	36	40	37	36	46	49	51	60	54	39.4
Columbia	Maximum	50	55	62	54	44	46	47	48	52	54	51	49	59	64	71	83	85	74	78	83	77	50	66	71	71	74	78	86	87	77	80	65.4
	Minimum	27	25	44	29	26	37	34	26	27	28	31	29	28	28	36	48	45	48	40	43	50	36	38	37	30	34	44	44	44	57	54	37.0
Corry	Maximum	40	42	52	37	59	55	36	35	36	37	44	40	52	64	69	74	72	68	61	62	69	42	61	61	76	80	78	78	75	65	63	57.5
	Minimum	20	31	33	16	23	36	26	17	19	30	22	30	19	19	30	54	39	33	50	51	32	29	24	30	29	46	51	46	60	37	40	33.0
Coudersport	Maximum	42	48	52	42	50	49	42	40	42	39	45	43	51	64	68	74	74	71	61	64	59	36	63	72	80	78	79	79	85	77	69	59.2
	Minimum	11	26	35	15	18	35	24	9	14	25	14	23	16	19	27	40	32	28	30	48	33	28	29	21	46	33	36	33	39	38	40	27.9
Curwensville[3-6] NW	Maximum	37	46	53	43	45	45	34	37	39	36	40	41	48	61	65	75	70	64	60	60	53	32	58	64	70	78	72	77	77	64	67	55.2
	Minimum	19	26	25	17	27	33	17	11	16	26	25	25	21	27	39	47	49	30	50	50	30	27	25	37	37	45	53	53	52	43	48	33.2
Derry	Maximum	43	49	60	53	60	60	48	39	45	48	49	56	44	68	75	78	75	68	80	71	62	44	66	72	82	81	74	82	79	68	74	63.0
	Minimum	27	28	37	26	32	46	31	21	25	26	29	23	25	25	34	58	55	35	51	59	37	32	31	42	36	60	55	57	50	49	47	38.4
Donegal[1]	Maximum	39	54	59	52	58	56	43	36	42	46	46	56	54	67	72	77	76	68	76	72	56	39	63	68	80	82	74	77	80	65	73	61.5
	Minimum	24	24	34	26	32	42	28	17	23	28	24	27	21	23	34	51	49	34	50	52	28	29	26	39	44	46	49	42	46	46	38	34.7
Donora[1]	Maximum	46	55	63	53	64	60	46	42	48	51	49	57	59	71	75	82	78	72	82	74	58	49	70	75	85	85	80	83	82	66	74	65.6
	Minimum	29	31	40	32	44	46	33	25	27	36	29	34	29	31	41	59	55	41	50	58	34	35	34	42	40	55	56	50	52	51	48	40.9
Eagles Mere/	Maximum	43	42	50	42	35	42	33	42	43	43	41	36	49	57	63	77	77	66	61	77	46	34	58	61	77	75	76	85	81	70	66	56.4
	Minimum	16	18	29	22	20	26	22	12	12	18	20	18	24	23	32	42	49	37	37	45	39	32	29	28	35	36	42	49	56	42	42	30.7
East Waterford[6-3] E	Maximum	41	47	57	45	38	48	45	38	43	44	42	42	51	61	64	76	74	65	69	75	59	42	60	63	66	69	73	81	81	67	70	57.9
	Minimum	21	33	42	25	29	32	29	19	25	32	26	30	31	37	48	52	58	41	47	58	42	30	31	46	44	46	50	60	58	50	43	39.2
Ebensburg/	Maximum	37	53	58	48	48	48	32	35	39	42	42	48	49	65	68	75	72	64	75	70	57	33	61	63	71	61	71	71	78	65	69	57.0
	Minimum	15	22	30	23	28	35	32	15	18	22	26	25	25	27	32	41	50	32	42	50	51	30	27	34	35	44	47	48	48	45	44	33.6
Emporium /-1 E	Maximum	42	55	61	49	54	45	..	43	45	44	48	49	55	68	71	79	77	..	65	61	47	36	63	..	79	83	78	82	82	72	70	60.8[c]
	Minimum	11	22	27	20	19	22	29	..	12	27	25	25	17	17	21	30	36	..	31	40	46	32	27	27	..	23	32	36	37	43	48	27.9[c]
Ephrata	Maximum	47	55	60	52	47	46	45	45	49	53	48	49	57	62	69	82	84	71	75	84	77	47	65	69	70	69	77	85	87	76	80	63.9
	Minimum	29	28	45	33	30	38	36	27	27	30	33	32	31	30	40	52	48	50	44	51	46	40	37	42	36	38	48	46	48	60	56	39.7
Erie[1]	Maximum	42	46	57	34	65	55	31	34	41	39	41	43	44	65	73	66	74	59	67	62	35	44	56	55	73	81	74	82	68	53	63	55.5
	Minimum	24	36	29	24	34	31	25	22	28	32	30	36	31	39	50	60	42	40	48	35	31	33	36	35	46	58	57	64	44	42	38	38.1
Everett[1-0.5] SW	Maximum	44	52	64	53	44	47	47	43	47	48	48	54	55	68	72	81	78	67	84	80	62	42	67	72	72	75	76	84	86	73	78	63.3
	Minimum	26	23	38	27	25	37	32	32	29	24	25	28	24	24	40	44	42	40	38	48	38	38	38	38	30	34	45	36	34	54	44	34.7
Farrell	Maximum	41	44	55	46	64	61	40	31	40	41	47	47	57	69	72	78	78	69	69	64	61	44	73	73	82	84	82	82	82	69	69	61.5
	Minimum	27	34	33	26	31	36	22	18	26	32	26	32	25	28	40	58	52	37	53	60	34	32	33	42	42	58	55	52	51	45	48	38.3
Ford City-4 S	Maximum	40	46	61	49	61	54	52	40	43	47	46	50	54	67	73	79	79	75	68	66	61	44	67	71	78	82	82	80	80	65	68	62.2
	Minimum	25	25	42	23	25	43	30	17	21	30	27	29	21	22	30	48	42	34	42	56	40	30	29	36	33	40	49	39	45	47	46	34.4
Franklin/	Maximum	39	55	58	49	60	49	33	38	40	39	46	45	56	66	69	78	73	66	68	61	45	46	69	77	75	81	77	80	77	64	66	59.5
	Minimum	14	26	35	22	22	31	29	16	17	22	30	30	23	23	25	33	43	34	34	53	44	32	28	28	32	32	42	43	43	46	47	31.6
Fredericksville-1 S	Maximum	45	48	57	52	38	45	45	42	47	51	46	44	55	61	69	79	83	74	72	82	76	47	60	65	69	68	73	82	83	72	76	61.5
	Minimum	26	22	39	29	24	34	31	22	22	24	29	27	27	25	34	47	46	47	35	47	43	35	34	36	31	34	44	42	45	53	52	35.0
Freeland	Maximum	40	55	51	51	39	40	40	39	39	41	42	42	39	48	57	70	73	77	69	62	73	53	43	52	61	69	69	77	80	73	70	55.9
	Minimum	21	28	23	23	23	30	24	15	15	21	28	24	25	26	33	43	50	62	40	46	45	41	33	28	36	35	41	57	57	44	50	34.4
George School[6]	Maximum	49	55	61	56	43	49	46	44	50	54	48	47	57	62	69	83	85	72	72	83	72	54	62	69	68	68	76	83	87	75	77	63.7
	Minimum	30	28	45	32	25	37	31	22	27	30	32	23	29	28	36	50	50	49	38	48	41	38	34	36	36	36	35	45	49	49	59	52	37.5
Gettysburg	Maximum	47	51	67	67	49	49	47	44	50	54	49	53	58	66	71	84	83	75	79	84	81	60	70	70	68	73	78	85	86	85	79	66.6
	Minimum	30	30	46	34	29	38	39	28	29	33	31	31	31	32	38	51	48	50	43	50	57	40	38	42	34	38	52	44	48	61	57	40.4
Gordon	Maximum	45	53	60	46	41	44	42	41	46	47	47	45	54	61	72	79	79	73	69	78	69	45	59	66	73	72	73	83	84	76	79	61.3
	Minimum	26	20	39	26	22	35	31	21	22	24	30	26	26	25	31	49	39	44	36	47	45	36	34	28	28	38	45	37	40	50	54	34.0
Greensburg-2 S	Maximum	43	48	59	50	60	59	51	36	44	48	48	54	54	68	74	79	76	69	79	70	62	44	66	72	81	83	75	80	79	66	71	62.8
	Minimum	22	33	46	23	24	51	32	19	22	24	29	22	21	21	29	49	43	31	40	55	41	33	25	38	32	40	46	35	40	50	47	34.3
Hanover/	Maximum	48	54	62	51	41	48	43	46	51	55	51	52	59	66	70	84	84	84	65	78	84	65	43	68	71	73	78	85	86	76	80	64.5
	Minimum	25	28	37	35	31	36	37	28	28	31	30	34	30	29	41	42	54	49	50	52	54	40	34	37	33	37	49	51	53	60	59	39.8
Harrisburg Arpt. [1-3.5] S	Maximum	48	53	67	51	44	47	45	47	50	51	51	52	58	67	71	83	82	66	70	81	63	45	68	68	67	75	79	84	86	78	77	63.7
	Minimum	30	29	41	31	32	37	36	29	32	31	36	35	35	35	39	52	49	48	45	50	44	40	39	42	34	42	52	46	49	59	49	40.3
Hawley-0.5 E	Maximum	43	51	55	46	43	46	42	39	42	39	44	40	50	60	69	75	81	63	64	77	61	41	56	62	72	75	71	84	83	75	74	58.8
	Minimum	23	21	35	25	15	35	30	14	17	23	20	19	24	20	29	38	35	41	30	45	41	35	32	27	27	30	41	37	43	47	48	30.5
Hewitt-2 SW	Maximum	46	55	68	63	50	48	48	45	50	54	49	56	59	71	72	83	79	72	85	83	69	46	68	76	72	79	78	85	86	72	79	66.0
	Minimum	27	21	40	31	25	39	36	25	25	21	25	24	19	22	29	41	41	42	37	45	44	35	28	36	30	33	51	35	40	52	45	33.7
Holtwood[1]	Maximum	46	53	57	46	40	46	42	44	48	51	47	51	55	61	64	81	77	63	73	79	61	48	67	64	72	67	76	81	82	70	80	61.0
	Minimum	31	30	40	32	30	38	37	30	32	33	35	36	37	35	41	48	48	47	46	50	48	41	41	43	38	41	48	49	52	57	54	40.9
Huntingdon	Maximum	46	48	64	51	47	44	45	45	49	50	48	49	56	71	73	82	78	75	71	78	61	47	68	71	75	79	78	85	83	73	80	63.5
	Minimum	17	21	38	25	24	38	35	23	26	25	30	24	23	24	32	47	41	42	38	51	47	34	31	41	28	36	52	38	50	54	50	35.0

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Daily Temperatures for March 1945—Continued from page 22.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	40	45	59	60	60	58	51	40	41	45	48	53	53	67	71	78	78	69	70	69	60	41	65	69	79	81	74	79	78	66	69	61.4
	Minimum	21	28	43	26	34	46	31	18	23	28	28	33	23	32	11	34	32	35	52	57	42	31	28	39	42	4	52	50	52	48	45	37.7
Irwin	Maximum	44	47	58	50	58	58	52	35	43	49	48	52	56	68	73	80	80	69	76	71	62	43	67	73	84	84	84	81	82	75	67	63.5
	Minimum	28	28	44	26	30	50	31	20	24	30	27	30	23	24	37	56	54	45	50	58	42	31	30	30	37	53	50	45	49	48	47	37.7
Jamestown/-2 NW	Maximum	39	59	59	47	65	55	37	41	42	40	46	45	54	67	72	78	73	66	70	63	48	49	70	71	80	84	79	80	78	67	66	61.0
	Minimum	18	22	33	18	19	30	25	12	13	18	18	24	18	18	27	39	49	29	29	52	35	29	25	28	30	47	38	46	41	41	40	29.5
Johnstown[1]	Maximum	38	45	59	61	55	50	53	36	53	46	48	49	55	54	69	73	79	70	80	78	73	44	64	67	78	76	81	74	83	83	72	62.8
	Minimum	24	28	34	31	32	34	35	24	27	33	31	32	28	29	32	40	49	41	47	56	55	45	35	43	32	41	47	43	48	41	43	37.1
Kane[1]-1 N	Maximum	39	44	54	44	55	43	34	37	38	38	42	44	52	62	66	73	76	64	64	59	52	33	59	62	74	79	73	77	76	64	65	56.0
	Minimum	21	24	27	13	22	29	16	6	12	29	19	22	14	19	30	36	33	28	32	49	33	30	17	29	22	34	41	36	40	40	40	27.2
Lancaster	Maximum	48	57	58	58	51	47	47	46	51	55	50	49	59	63	70	85	85	75	76	87	83	56	67	71	70	70	79	86	88	88	80	66.1
	Minimum	28	24	43	32	25	38	35	25	26	28	32	28	25	25	34	46	42	44	38	46	49	38	34	34	29	34	43	40	43	57	54	36.1
Lawrenceville	Maximum	47	53	57	42	49	44	42	40	40	40	44	43	51	65	72	75	74	72	65	65	60	38	52	61	72	80	77	83	82	75	74	59.2
	Minimum	15	27	35	26	20	37	26	17	20	29	17	21	21	23	31	31	37	34	37	50	38	33	28	30	27	37	51	38	44	41	47	31.4
Lebanon /-	Maximum	48	54	63	52	41	46	39	47	50	53	50	48	59	68	70	82	82	68	72	83	62	49	66	68	73	74	78	86	88	74	79	63.5
	Minimum	24	27	32	30	30	32	35	27	27	31	33	32	30	30	35	40	40	49	42	48	51	40	38	40	30	33	41	45	48	50	56	37.0
Lewistown/-2 SW	Maximum	46	49	64	53	57	45	41	46	50	51	45	48	56	58	72	83	76	....	68	80	63	44	67	69	74	....	79	85	86	74	78	62.3[b]
	Minimum	....	....	....	....	....	....	....	25	25	29	31	31	29	26	26	34	44	44	42	....	53	37	37	30	31	32	....	14	42	46	51	36.3[b]
Lock Haven[6]	Maximum	46	46	60	48	47	44	45	48	48	45	50	47	58	68	73	81	74	70	60	74	63	46	65	71	72	82	78	85	85	76	77	62.3
	Minimum	25	25	37	25	26	36	31	20	24	29	29	29	24	25	33	45	42	39	39	49	44	37	32	35	29	36	50	42	47	52	51	35.1
Marcus Hook[1]	Maximum	48	56	62	53	47	55	50	52	49	....	....	....	....	....	....	....	....	88	71	76	84	69	52	68	69	69	69	78	86	91	78	82	66.8[g]
	Minimum	34	37	47	36	34	40	34	21	....	....	....	....	....	....	....	....	53	52	48	56	46	40	41	47	45	43	51	55	56	57	54	41.7[b]
Martinsburg[6]	Maximum	41	50	58	48	43	46	42	39	44	44	44	47	51	66	68	77	78	65	76	72	60	37	62	68	72	74	72	79	77	69	72	59.4
	Minimum	25	30	35	28	31	36	30	22	26	31	28	35	28	29	40	52	55	41	50	51	34	32	33	49	37	46	51	51	54	50	54	38.5
Mauch Chunk-1 SW	Maximum	42	46	52	52	42	42	45	38	43	46	43	43	50	58	67	75	79	....	....	76	76	48	57	63	67	68	70	80	81	81	74	58.8[b]
	Minimum	....	29	35	28	20	34	31	20	26	26	31	24	27	21	29	41	37	39	....	....	39	38	35	30	29	30	40	36	39	51	51	32.7[c]
Meadville /-1 S	Maximum	39	55	55	44	61	49	32	37	41	39	46	44	55	66	69	77	71	65	66	60	48	46	66	69	78	80	77	78	74	65	61	58.3
	Minimum	17	24	37	19	21	32	27	15	17	22	26	21	21	21	25	35	43	32	32	56	38	29	26	32	33	37	49	43	48	44	44	31.2
Mercer[3]-2.5 NE	Maximum	38	51	56	44	61	53	31	35	37	38	44	44	53	65	69	75	71	65	66	60	54	43	64	68	76	80	74	77	75	63	61	57.8
	Minimum	23	31	28	21	31	30	16	13	21	28	24	25	23	30	40	52	41	32	50	52	30	29	27	36	43	52	49	51	47	44	41	34.2
Middletown[1]-1.5 W.	Maximum	47	54	66	50	43	46	46	44	50	51	48	54	56	63	69	81	80	68	70	80	64	45	66	66	69	71	76	82	83	73	77	62.5
	Minimum	30	29	40	28	27	38	34	27	26	32	31	34	32	30	35	50	46	46	42	49	44	38	38	38	32	37	50	44	45	58	49	38.0
Midland[6]	Maximum	46	46	58	47	61	55	45	44	47	47	46	48	55	65	72	75	72	65	67	62	57	47	67	72	77	82	75	79	78	64	69	60.8
	Minimum	28	32	36	34	31	38	27	24	27	34	24	28	27	28	37	47	47	37	49	57	38	34	33	40	41	48	47	45	48	46	46	37.2
Montrose/-3 E	Maximum	49	44	51	34	38	40	30	33	38	33	39	36	45	57	67	69	75	61	61	69	....	....	....	....	....	72	68	78	78	65	67	54.3[c]
	Minimum	16	20	26	25	18	20	23	14	14	20	18	18	25	25	33	41	48	37	45	42	....	....	....	....	....	....	41	50	48	41	41	30.2[e]
Mt. Lebanon[6]	Maximum	43	48	61	47	59	56	42	40	44	42	42	49	56	69	72	80	74	68	75	67	58	47	68	72	80	83	78	81	81	65	67	61.7
	Minimum	26	31	34	29	36	42	29	19	22	30	24	35	28	31	47	57	59	39	54	57	32	31	32	45	45	57	52	56	58	47	45	39.6
Mt. Pocono[3]-2 N.	Maximum	40	47	53	38	36	43	35	35	40	41	39	36	46	56	67	72	76	60	63	75	55	37	52	58	69	67	69	79	79	64	70	54.7
	Minimum	21	26	32	22	17	32	21	15	23	23	22	24	27	27	38	49	49	39	38	53	31	29	28	35	39	38	51	48	52	42	48	33.2
New Bloomfield	Maximum	47	52	64	61	44	45	45	45	49	50	49	48	56	65	69	82	78	73	72	80	72	53	67	68	72	73	78	83	85	78	78	63.9
	Minimum	25	22	41	27	22	35	33	21	26	25	27	27	25	24	30	45	40	46	38	48	51	37	35	34	27	39	49	38	42	53	52	35.0
Newburg[1]-3.5 NW	Maximum	46	48	65	50	42	50	44	44	48	48	50	52	58	66	70	82	80	76	74	81	61	42	70	70	72	72	80	80	80	84	74	63.1
	Minimum	18	28	39	29	28	32	36	26	32	28	30	28	34	34	36	51	50	42	41	50	43	35	38	40	34	38	52	46	48	58	50	37.8
New Castle-1.5 N.	Maximum	50	57	58	50	62	58	41	38	43	43	48	44	57	68	70	80	74	71	72	71	60	48	69	70	80	83	83	81	76	66	66	62.5
	Minimum	27	32	41	23	27	41	30	17	23	30	22	28	23	25	30	54	46	33	47	57	37	30	30	38	37	47	49	45	48	45	49	35.8
Palmerton[1]	Maximum	44	46	54	45	40	45	43	43	45	48	44	43	49	55	69	77	80	58	67	77	60	42	52	63	66	69	73	81	83	72	76	58.4
	Minimum	31	27	40	30	24	37	30	21	31	31	33	32	30	25	35	48	43	41	45	48	40	37	37	34	33	36	47	43	47	53	48	36.8
Park Place[3]-1 NW	Maximum	40	47	56	42	34	41	32	37	42	40	41	38	48	56	66	74	76	61	62	74	56	37	54	60	68	65	69	76	79	66	71	55.1
	Minimum	23	28	30	23	24	32	17	17	23	29	27	26	27	34	42	51	57	48	47	55	37	30	30	38	39	42	51	57	58	48	42	46.5
Philadelphia Arpt [1]	Maximum	49	52	58	48	44	51	47	44	50	54	46	49	57	62	66	82	86	68	77	83	63	45	63	68	68	68	76	83	87	74	80	62.8
	Minimum	31	31	47	30	30	39	33	28	30	33	28	28	32	38	41	51	50	41	40	50	45	38	39	44	41	37	47	47	51	58	51	39.6
Philadelphia C.O.[1]	Maximum	49	52	60	48	44	50	47	45	50	51	48	47	58	62	66	81	85	69	77	82	66	44	62	69	68	67	76	83	85	77	79	62.9
	Minimum	31	34	47	36	34	40	33	28	36	38	35	34	39	39	48	53	62	48	47	59	41	39	40	49	48	45	53	59	57	59	52	44.2
Phila. Shawmont	Maximum	47	55	59	52	51	56	42	45	49	51	49	49	56	66	65	82	84	78	76	83	82	46	61	67	69	70	78	84	87	85	79	64.2
	Minimum	30	28	33	34	26	37	37	26	26	41	34	30	30	30	31	57	47	51	42	50	45	37	38	52	34	36	47	48	49	60	56	39.5
Philipsburg[3]-7 E	Maximum	36	45	54	46	40	46	35	36	40	37	42	41	49	62	66	74	73	65	64	67	55	33	60	65	69	74	72	78	79	67	70	56.1
	Minimum	20	22	28	21	28	33	21	16	21	26	26	29	23	23	31	41	38	34	48	50	32	28	28	28	25	46	43	39	41	43	40	31.4
Phoenixville-1.5 SE	Maximum	49	57	59	49	50	46	46	53	63	61	56	61	67	76	84	87	78	76	86	74	45	63	71	71	70	78	85	88	83	85	66.8	
	Minimum	29	37	45	34	22	33	36	22	22	25	32	26	25	24	35	47	42	48	35	47	44	39	37	31	28	31	42	42	44	60	54	36.0
Pittsburgh Arpt Sta.[1]	Maximum	42	52	59	48	50	56	41	38	42	47	49	51	58	68	72	78	73	69	76	68	57	46	66	73	80	81	76	80	80	65	68	61.9
	Minimum	26	32	36	29	36	41	28	22	25	31	26	33	31	33	46	57	53	43	53	56	32	31	34	50	49	58	54	55	59	48	45	40.4
Pittsburgh City Office[1]	Maximum	44	56	61	49	60	57	41	40	45	48	47	51	57	69	73	81	74	69	74	67	59	48	68	74	81	82	79	81	82	66	68	62.9
	Minimum	29	36	38	31	36	41	28	26	29	34	30	35	30	34	42	60	53	42	57	57	32	34	37	48	44	57	57	55	59	49	49	41.6
Port Clinton/	Maximum	45	50	61	45	40	45	40	42	43	41	42	45	52	60	67	79	80	63	65	82	61	43	60	66	65	67	73	83	84	71	75	59.2
	Minimum	22	25	31	30	23	33	34	25	25	28	31	30	30	25	34	45	43	43	35	45	52	39	37	32	31	35	40	40	40	50	52	35.1
Putneyville-2.5 SE	Maximum	46	44	55	48	57	53	46	40	38	40	44	41	56	64	68	76	73	72	65	62	58	40	65	66	75	80	75	79	77	65	68	59.1
	Minimum	25	26	35	22	28	44	30	17	22	29	23	29	20	25	33	49	35	32	43	55	36	31	28	35	33	50	51	42	47	46	41	34.3
Quakertown-0.5 E	Maximum	45	50	57	47	44	46	47	43	47	52	44	48	55	60	69	78	83	71	71	82	76	44	60	65	66	68	73	83	84	80	76	61.7
	Minimum	27	24	42	30	21	35	33	22	22	25	30	24	27	23	30	47	72	48	34	60	42	36	35	35	29	36	44	40	42	53	61	36.4
Reading[1]	Maximum	49	54	62	51	42	47	46	45	50	53	48	48	57	63	71	83	85	67	75	84	63	46	63	70	72	72	77	85	86	76	80	63.5
	Minimum	31	33	41	34	30	38	33	28	32	33	35	34	36	35	40	54	53	48	47	53	46	39	39	41	40	41	51	52	53	61	50	41.4
Ridgway /	Maximum	39	54	58	49	56	47	36	41	42	40	46	47	55	64	70	78	72	68	66	59	46	37	63	65	78	82	77	73	72	61	61	58.2
	Minimum	5	22	28	18	17	30	30	10	10	16	29	25	17	17	19	29	35	29	28	52	45	31	22	21	23	23	37	35	35	40	43	26.5
Scranton[1]	Maximum	45	50	59	40	46	45	36	39	44	44	43	44	52	64	73	76	81	65	61	75	60	43	54	61	71	76	72	83	82	68	77	59.0
	Minimum	27	30	35	28	23	36	27	20	28	31	29	32	34	28	37	51	46	42	39	54	43	33	33	35	33	43	51	45	50	48	48	36.7
Selinsgrove	Maximum	47	48	63	62	45	45	45	45	49	48	53	47	57	63	69	81	79	74	65	78	77	52	64	67	70	71	77	82	83	76	73	63.1
	Minimum	26	24	39	27	24	36	31	22	24	27	29	26	22	25	33	49	39	43	38	50	49	37	34	33	28	40	50	40	46	44	45	34.8
Somerset	Maximum	40	46	57	55	51	53	48	40	42	45	47	56	65	66	70	76	75	68	78	75	63	38	62	69	75	77	74	77	78	69	71	61.2
	Minimum	24	23	45	25	27	43	29	19	25	25	26	19	18	28	48	40	32	45	48	36	30	31	48	30	35	48	33	39	47	43	33.4	
Springs[6]-1 SW	Maximum	38	48	57	52	48	58	48	39	40	43	44	56	53	63	67	74	72	67	76	71	58	34	60	67	72	74	70	75	74	61	69	59.1
	Minimum	22	23	40	28	28	40	18	21	23	26	24	25	20	26	32	47	44	32	38	45	30	28	28	35	33	38	48	40	42	49	37	32.4
State College[1]	Maximum	41	49	59	45	45	45	37	42	45	42	46	46	53	67	70	78	75	65	68	74	61	38	64	67	73	75	75	81	80	74	74	59.8
	Minimum	25	31	35	27	29	37	31	21	27	31	32	36	31	28	40	54	53	42	49	53	38	32	35	43	33	50	54	49	53	51	45	38.5
Stroudsburg-2 E.	Maximum	49	51	55	48	49	44	45	46	48	51	51	49	56	63	71	78	84	66	68	80	79	47	61	67	72	72	75	85	86	84	78	63.2
	Minimum	28	23	37	29	20	35	33	18	20	26	27	24	27	22	30	46	40	44	32	45	45	38	36	30	28	31	44	39	42	52	53	33.7
Tamarack /-2 S.	Maximum	42	48	52	44	41	42	35	40	42	39	43	40	51	62	64	74	71	67	59	60	44	31	57	64	79	75	74	80	80	68	71	56.1
	Minimum	13	18	28	20	19	24	25	14	14	19	23	22	25	25	34	44	50	36	36	48	43	29	26	26	38	39	46	51	56	44	43	31.5
Tionesta /-1.5 SE	Maximum	40	50	58	45	60	46	32	39	39	43	45	45	53	65	68	71	72	66	66	60	42	41	64	68	76	80	75	78	76	65	65	57.8
	Minimum	18	23	32	17	20	32	27	12	16	25	25	26	20	20	25	34	36	29	30	52	39	30	24	31	28	38	40	38	42	42	45	29.5
Titusville-2 S.	Maximum	37	39	53	45	59	57	39	38	38	38	45	43	54	65	71	76	72	68	66	66	59	40	61	68	78	82	78	83	83	77	65	58.7
	Minimum	20	28	34	12	28	38	26	11	19	30	24	30	19	26	37	52	50	30	46	55	33	30	24	31	30	51	49	48	48	43	40	33.6
Towanda-1 E.	Maximum	49	56	62	43	49	48	42	42	47	40	45	42	58	65	73	78	76	69	63	73	59	46	54	63	69	79	75	83	83	77	74	60.5
	Minimum	22	28	39	26	19	38	28	16	20	26	22	26	28	22	32	42	38	38	35	52	40	34	33	30	26	37	50	40	43	44	50	33.0

Continued on page 24.

Daily Temperatures for March 1945—Continued from page 23.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	45	49	61	56	64	62	51	42	50	53	51	59	57	70	77	83	78	74	81	75	64	45	70	77	85	86	81	83	82	66	74	66.2
	Minimum	29	29	49	31	38	51	33	25	26	34	25	31	24	28	37	60	51	40	53	54	38	32	30	41	45	59	55	44	50	50	50	40.1
Vandergrift[1]	Maximum	44	49	62	52	62	56	46	42	45	50	49	52	56	69	75	80	74	70	71	66	57	48	69	74	85	86	80	83	81	68	72	63.6
	Minimum	30	30	37	27	30	45	32	22	26	33	30	31	25	27	34	52	48	35	46	54	35	34	32	40	45	45	54	45	50	51	47	37.8
Warren	Maximum	41	41	54	43	58	49	32	39	39	39	45	40	53	64	69	74	71	67	62	59	55	35	58	63	70	80	74	79	76	66	67	56.8
	Minimum	24	29	33	20	25	32	25	16	19	30	25	31	22	24	32	49	41	31	42	55	32	32	22	32	30	45	52	42	46	44	41	33.0
Waynesburg	Maximum	44	47	58	54	60	58	49	39	47	50	50	57	58	68	73	79	76	71	79	71	61	48	66	75	84	81	77	80	78	64	67	63.5
	Minimum	26	28	45	26	27	49	30	21	21	32	19	27	20	23	35	58	50	35	47	53	35	30	28	41	36	57	49	44	47	47	47	36.5
Wellsboro/	Maximum	46	50	57	41	46	45	37	42	45	41	45	44	52	64	71	75	73	68	64	67	39	35	56	60	74	78	75	81	80	69	72	57.8
	Minimum	15	15	33	22	19	20	25	14	13	18	17	17	20	19	19	29	35	33	33	46	38	31	24	24	23	23	43	35	35	42	41	26.5
West Chester	Maximum	47	56	57	50	45	50	46	44	50	53	48	48	58	62	70	82	85	72	77	83	76	46	63	69	70	69	76	84	87	79	79	63.9
	Minimum	28	49	44	33	29	38	36	25	28	30	34	29	31	31	42	50	54	51	44	52	45	38	36	42	39	39	47	51	52	59	54	40.0
Wilkes-Barre[3]	Maximum	47	50	60	43	42	45	40	41	49	47	47	44	55	64	74	78	82	67	64	78	59	43	58	63	70	75	74	83	83	69	77	60.4
	Minimum	29	26	39	26	24	35	23	19	24	28	28	29	28	26	33	47	40	39	39	43	42	34	35	31	32	39	47	41	46	48	43	34.2
Williamsport Arpt.[3-4] E	Maximum	46	45	60	46	42	43	40	43	47	46	48	44	56	63	69	80	71	65	57	73	56	42	61	66	69	71	76	83	83	71	75	59.3
	Minimum	27	27	34	26	26	35	26	21	24	28	29	32	28	25	34	47	41	42	42	52	42	36	34	33	30	48	47	42	46	51	47	35.5
Williamstown	Maximum	46	52	64	63	55	45	46	44	48	50	48	47	56	64	72	80	81	78	73	79	68	47	63	67	73	73	76	83	84	82	77	64.0
	Minimum	25	22	41	28	23	35	31	24	26	26	31	25	33	27	33	50	42	47	37	49	46	37	35	40	28	37	49	40	44	64	55	36.5
Woodward[3-2] NE	Maximum	39	45	51	42	36	44	32	38	43	37	43	37	50	63	66	75	73	62	62	73	55	34	58	62	65	73	72	79	79	69	69	55.7
	Minimum	18	30	27	22	27	31	21	19	22	28	24	30	27	35	46	51	50	39	51	54	34	29	28	38	40	46	50	57	57	47	41	36.1
York-3 SW	Maximum	50	56	63	53	47	46	47	52	53	52	54	59	67	72	83	84	75	83	84	77	60	68	71	74	75	78	84	86	84	81	67.1	
	Minimum	29	27	46	33	27	38	36	27	25	28	29	29	24	29	36	49	46	47	42	49	56	35	34	38	29	36	48	44	46	59	55	37.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.37	11	29.30	31	8.2	27	sw.	17§	84	73	81	59	574
Harrisburg	30.33	18	29.33	21	7.8	41	s.	31	80	50	60	65	413
Philadelphia	30.37	11	29.40	21	8.1	37	sw.	31	84	48	60	59	439
Philipsburg	30.34	18	29.35	21	10.3	45[a]	sw.	31	83	58	68	.....	658
Pittsburgh	30.35	18	29.41	21	10.4	44	w.	31	77	56	61	56	445
Reading	30.35	12	29.40	21	10.9	42	w.	31	72	45	45†	62	411
Scranton	30.32	18	29.36	31	6.3	26	sw.	31	84	63†	....	65	530

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	6.5	10.4	18	4.3	31	18
Easton	Delaware	9.3	15.3	19	5.1	31	22
Lehighton	Lehigh	5.0	6.2	4	4.0	31	9
Reading	Schuylkill	6.4	8.8	7	4.7	31	13
Wilkes-Barre	N. Br. Susquehanna	14.3	21.2	5	8.4	31	22
Williamsport	W. Br. Susquehanna	10.6	18.0	4	4.6	31	20
Newport	Juniata	7.7	14.5	8	5.3	31	22
Harrisburg	Susquehanna	8.9	13.4	5	5.4	31	17
Schenley, (nr) Lock No. 5	Allegheny	22.2	33.8	7	16.7	31	24
Sutersville	Youghiogheny	8.1	18.9	7	4.9	18	20
Charleroi (nr.), Lock No. 4	Monongahela	18.3	31.7	7	13.2	21	30
Pittsburgh	Ohio	.....	33.4	7	*	.....	25
Midland, Dam No. 7	Ohio	.....	44.3	7	.....	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Hawley, 1 S.	"	Wallenpaupack Dam (Evaporation)
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Shaver Creek (Evaporation)
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—6-13-45—975)

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CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. L. APRIL 1945. No. 4.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

Vegetation's phenomenal start in March continued through the first half of April (which averaged about 11° above normal) and well-founded anxiety grew as to the prospects of damaging frosts. The average last killing frost in spring occurs, in the southeastern counties, about April 10 and ranges to as late as early June in Potter County, but the most common date for the State as a whole, is May 8. Conditions were too ideal and a reaction to cold, wet weather prevailed for the latter half of the month, with at least one hard freeze general in most localities, except the southeast counties.

At the beginning of the month, a brief change of airmass, from warm to cold, set off rather severe thunderstorms on the 4th, during which high winds caused some damage in the southwest. A six-family row house at Crescent Heights, Washington County, was unroofed and moved from its foundation. Trees were blown down and electric service was interrupted. Work was halted in Monessen due to power failure. One storm followed a path from Murrysville to Tunnellton, blowing down trees and resulting in minor damage to property. Lowest temperatures of the month occurred on the 5-6th and justified earlier anxiety about frosts. This was the first time since early March that daily temperatures fell below normal. Hail fell on the 5-6th at scattered stations.

Temperatures rose again during the following week and were climaxed by highest readings of the month about the 13th. An unusual feature was the fact that, at many eastern stations, April's extreme maxima were lower than those of March. New record maxima for the day were set at Pittsburgh on the 10th, and at Harrisburg on the 13th. By the latter date, dogwood was blossoming at Valley Forge, more than a month early.

The balance of the month was cool and wet. Minor storm damage occurred at Reading on the 14th, where a new record maximum wind velocity for April was established. The 19-23d was the longest period during which temperatures were below normal since mid-February, and the closing days of the month were cooler, relatively, than any period since January. Frost was reported on the 20th at southwestern stations, and more generally on the 23d. On the latter date, fruits and vegetation, which were not far advanced, were injured. Hail fell at Coatesville on the 14th, and on the 20-21st chiefly in the southwest. Damage from hail was reported near Philadelphia on the 22d and scattered localities reported occurrences on the 26th. Wind damaged property in the Philadelphia area on the 27th.

Agricultural prospects were bright as the month began, but frosts nullified the rapid progress which continued until the 14th. The frost on the 23d was the most damaging. Fruits were hard hit, and prospects were reduced one-half. Cherries suffered most, many orchards being a complete loss. Although the latter part of the month was unfavorable, cool, and wet, spring plowing and planting were ahead of the average, and were about twice as far advanced as they were last year at this time.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 82 stations was 52.4°, which is 3.8° above the 58-year normal for April. The highest monthly mean was 59.7° at Marcus Hook, and the lowest was 46.6° at Kane. Extremes ranged from a maximum of 90° at Marcus Hook on the 14th, to a minimum of 18° at Springs on the 6th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 193 stations, was 4.17 inches, which is 0.72 inch above the 58-year normal for April. The greatest monthly amount was 6.67 inches at South Mountain, while the least was 1.93 inches at Covington. The greatest amount recorded in any 24 consecutive hours was 1.92 inches at Doylestown on the 25th.

The average snowfall for the State was a trace, which is 2.2 inches below the 58-year normal. The greatest monthly snowfall was 1.6 inches at Kane. The greatest fall for any observational day was 1.2 inches at Kane on the 5th.

ERRATA

March, 1945.—Page 20, Middletown, precipitation on 5th should be 0.05 inch.

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	47.2	92	12	2.52	1.3	8	14	10	6
1889	49.7	88	14	4.50	0.9	11	11	8	11
1890	48.6	85	12	3.46	0.4	10	14	8	8
1891	49.8	87	11	2.08	1.2	8	13	9	8
1892	46.9	85	14	2.04	1.1	10	10	10	10
1893	47.7	85	16	4.74	0.6	14	7	10	13
1894	48.0	83	5	3.62	14.7	11	11	8	11
1895	49.2	90	5	3.76	0.2	10	10	8	12
1896	53.0	97	4	1.75	0.9	8	10	10	10
1897	49.0	92	12	3.30	0.3	10	12	9	9
1898	45.6	84	4	2.93	2.5	12	9	8	13
1899	50.2	92	2	1.76	0.5	6	15	9	6
1900	49.2	90	13	1.57	0.9	8	14	8	8
1901	47.2	95	10	5.41	4.9	11	9	5	16
1902	48.0	91	20	3.56	3.0	9	8	10	12
1903	48.8	90	12	3.53	T	10	11	7	12
1904	44.7	86	9	3.45	1.0	13	8	8	14
1905	48.4	84	16	2.84	2.8	12	9	11	10
1906	50.0	89	12	3.13	0.6	9	14	8	8
1907	43.6	84	8	2.64	4.0	11	10	7	13
1908	49.8	89	0	3.51	1.0	12	12	8	10
1909	48.5	87	8	5.39	2.6	13	10	9	11
1910	52.6	89	13	5.07	0.6	13	10	9	11
1911	46.2	84	6	3.79	4.4	13	11	7	12
1912	50.2	83	18	4.39	1.6	15	10	7	13
1913	50.6	90	17	3.82	0.2	11	12	6	12
1914	47.3	93	5	4.66	1.1	14	10	8	12
1915	53.9	98	15	1.92	1.6	8	13	10	7
1916	48.0	87	16	3.65	5.6	14	9	9	12
1917	48.5	87	14	2.08	2.6	9	11	10	9
1918	48.2	81	12	4.53	10.8	14	10	9	11
1919	48.5	90	6	2.70	1.2	11	10	10	10
1920	46.0	87	8	4.39	3.0	16	9	9	12
1921	55.3	96	10	3.11	0.8	11	13	7	10
1922	50.1	91	11	3.17	0.4	12	12	9	9
1923	48.3	89	−5	2.94	1.9	9	14	8	8
1924	46.5	82	6	4.15	7.4	12	13	7	10
1925	51.3	96	9	2.32	0.5	10	15	7	8
1926	44.9	84	9	2.03	0.9	9	12	9	9
1927	47.7	92	17	3.52	1.0	13	12	7	11
1928	46.0	88	11	5.50	6.5	13	12	8	10
1929	51.4	94	19	6.12	1.1	15	9	8	13
1930	48.2	92	9	2.71	1.1	10	11	8	11
1931	48.4	85	16	3.33	2.3	10	14	6	10
1932	47.0	86	14	1.71	1.2	8	14	6	10
1933	50.9	89	15	4.49	0.5	13	12	8	10
1934	48.9	86	14	3.06	0.6	11	13	8	9
1935	47.1	91	12	2.56	2.9	11	11	7	12
1936	46.1	90	14	3.01	1.3	14	8	8	14
1937	47.7	89	19	5.53	0.2	14	9	8	13
1938	51.3	92	11	2.85	3.5	10	13	7	10
1939	46.7	90	9	3.70	1.0	15	7	9	14
1940	45.1	82	9	5.30	2.3	12	9	7	14
1941	55.1	94	18	2.02	T.	6	17	7	6
1942	52.8	94	14	2.21	4.5	7	13	8	9
1943	43.1	83	7	3.97	3.7	14	9	9	12
1944	45.5	81	6	4.06	2.5	16	7	8	15
1945	52.4	90	18	4.17	T.	13	10	8	12
Period	48.6	98	−5	3.45	2.2	11	11	8	11

Climatological Data for April 1945

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. -4 NE.	Lehigh	384	5	52.6	+3.9	84	13	28	23	3.46	+0 06	1.03	4-5	0	10	8	10	12	sw.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	52.2	+4.1	83	13	26	6	5 32	+1.87	1.33	2-3	T.	12	14	11	5	e.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	53.0	.....	83	13	25	6	3.88	.....	0.79	4-5	T.	14	14	2	14	w.	Penna. Turnpike Comm
Carlisle	Cumberland	473	77	53.5	+1.5	83	13	25	7	5.10	+1.56	1.80	4-5	0	12	19	2	9	se.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	53.9	+3.4	82	13	27	6	5.23	+2.02	1.17	25	T.	14	12	11	7	nw.	William B Spear.
Coatesville	Chester	431	58	55.4	+4.9	84	14	30	7	2.91	−0.82	0.85	24-25	0	12	7	6	17	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2, 215	3	47.4	.....	80	12	19	6	5.43	....	1.46	24-25	1.1	17	6	10	14	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2, 020	4	48.5	.....	80	13	23	6†	4.78	.....	0.97	25	T	11	10	8	12	n.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2, 125	8	50.8	.....	81	13	28	6	4.47	.....	0.88	25	0.2	15	6	7	17	s.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1, 100	59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	55.4	+4.8	85	13	31	6†	4.16	+0.76	1.12	5	T.	12	10	11	9	ne.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	52.4	+3.5	88	13	24	7	3.91	+0.71	0.88	25	T.	14	11	4	15	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	49.2	+4.8	83	13	25	6	4.09§	+0.05	1.13	4-5	T	12	11	3	16	w.	Andrew B. Evansha.
George School	Bucks	184	39	54 9	+4.5	85	14	29	23	3.33	−0.23	1.04	25	0	12	15	3	12	w.	N. W. Swayne.
Gettysburg	Adams	500	72	56.4	+5.4	82	13	31	6†	5.20	+1.55	1 39	4-5	0	11	16	6	8	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	51.3	+3.7	83	13	24	23	4.80	+0.70	1.22	5	T.	11	13	5	12	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	55.0	+2 6	84	13	31	6	4.23	+0.67	0.87	25	T.	14	12	6	12	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	54.7	+3.8	85	13	32	7	4.09	+1 40	1.24	4-5	0	11	9	6	15	se.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	50.8	+5.2	85	13	23	23	4.10	+0.83	1.31	4-5	0.2	12	13	6	11	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	56.4	+4.9	81	13	35	6	2.41	−0.61	0.63	25	T.	16	12	9	9	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	53.7	+4.3	87	13	24	7	4.48	+1.01	0.95	4-5	T	12	8	6	16	nw.	Paul R. Yoder, jr.
Lancaster	Lancaster	255	58	54.9	+5.3	85	13	28	6†	4.31	+0.80	1.12	5	0	13	14	8	8	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	51.7	+5.7	87	10	25	6†	2.85	−0.01	1.09	24-25	T.	11	10	7	13	n.	Carlos P. Darling.
Lebanon	Lebanon	469	61	53.8	+3.5	85	13	30	6†	4.32	+0.85	1.15	4-5	T.	12	16	6	8	w.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	7	54.3[e]	.....	88	13	29	7†	5.05	.....	1.08	25-26	0	13	.....	.....	.....	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	54.7	+4.4	88	12†	27	6	5.43	+1.98	0.97	4-5	T.	17	12	4	14	w.	William R. Kelley.
Marcus Hook‡‡	Delaware	12	19	59.7	+5.0	90	14	35	6	4.13	+0 73	1.49	24-25	0	12	12	11	7	s.	Sun Oil Co.
Martinsburg	Blair	1,493	3	51.7	.....	80	13	27	6	4.49	.....	1.08	1-2	T.	16	7	10	13	s.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	40	47.8	+3.9	80	13	22	6	4.07	+0.71	1.08	26	T.	15	8	7	15	n.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	47.6	.....	79	13	26	6	4.12	.....	1.19	4-5	T.	11	3	21	6	s.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	52.4	+4.6	82	13	29	23	3.99	+0.87	1.06	4-5	0	12	15	4	11	sw.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	4	56.4	+5.8	84	14	33	6	2 89	−0.16	0.89	17	0	10	8	7	15	sw.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	3	48.1	.....	80	13	25	6	5.28	....	1.02	24-25	0.1	16	5	6	19	se.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	36	56.4	+4.6	89	13†	26	23	3.56	+0.01	0.89	25	0	12	9	9	12	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	51.4	+1.9	79	13	27	23	4.92	+0.78	1.20	2	0	12	19	6	5	.....	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	60	52.4	+3.8	82	13	26	23	4.74	+1.29	1.00	17	0	12	12	8	10	s.	John E. Benner.
Reading	Berks	273	75	55.5	+4.8	84	13	34	23	3.43	+0.16	1.03	4-5	T.	10	8	9	13	se.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	52.6	+4.5	85	13	29	23	3.71	+0.94	1.50	2	T.	10	7	10	13	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	53.0	+3.6	82	13	26	6†	4.77	+1.22	1.61	2	T.	11	11	8	11	sw.	Dr. George E. Fisher.
State College	Centre	1,217	60	53.1	+5.5	84	13	29	6	4.38	+0.94	0.90	2	T.	13	10	8	12	n.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	54.4	+6.0	85	13†	25	7†	4.03	+0.33	1.03	4-5	T.	12	10	5	15	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2, 250	5	48.0	.....	83	13	24	6	3.98	.....	0.74	4-5	T.	15	8	8	14	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	51.6	+5.1	85	13	22	23	2.42	−0.50	0.74	25	0.2	12	11	8	11	e.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	47.8	+3.3	84	12	21	23	2.62	−0.65	0.57	25	T.	13	8	12	10	w.	M. S. Bliss.
West Chester	Chester	440	96	55.2	+5.2	84	14	29	6	3.75	−0.01	1.78	25	0	11	12	8	10	nw.	Clyde T. Saylor.
Wilkes-Barre‡‡	Luzerne	541	7	52.4	.....	86	13	27	23	3.26	+0.33	0.94	4-5	0	11	8	6	16	sw.	Civil Aeronautics Authority
Williamsport Apt.-4E	Lycoming	520	1	52.4	.....	83	13	28	23	3.44	.....	0.73	2	T.	14	5	11	14	se.	U. S. Weather Bureau.
Williamstown‡‡	Dauphin	775	29	53.6	+3.9	85	13	25	23	5.11	+1.66	1.17	4-5	0	13	8	9	13	.....	Gordon E. Lower.
Woodward-2 NE	Centre	2, 191	4	48.9	.....	83	13	26	5†	3.90	.....	0.86	2	T.	14	7	9	14	s.	U. S. Weather Bureau.
York-3 SW	York	390	57	55.8	+4.7	86	13	27	6	4.53	+1.28	0.98	4-5	0	12	13	9	8	s.	York Water Co.
Division mean			....	**52.8**	.....	**90**	**14**	**19**	**6**	**4.14**	.....	**1.92**	**25**	T.	**13**	**10**	**8**	**12**	w.	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	28	49.2	+4.0	83	12	23	6	4.11	+0.45	1.05	4-5	0.5	14	8	8	14	w.	City Water Dept.
Brookville	Jefferson	1,400	55	49.1	+4.2	81	13	25	6	5.70	+2.58	1.26	2	T.	17	4	6	20	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	32	53.9	+5.6	83	13	26	6	4.76	+1.33	1.12	4-5	T.	13	9	10	11	nw.	Butler Eagle.
Clarion‡‡-3 SW	Clarion	1,114	35	51.5	.....	83	13	22	6	5.45	+1.91	1.24	4	T.	16	10	4	16	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	52.0	+1.6	81	12	20	6	4.03	+0.52	0.82	4-5	T	13	9	7	14	nw.	Walter B. Paget.
Corry	Erie	1,410	31	50.2	+5.1	80	10†	26	6	4.44	+0.78	1.21	25	T.	14	13	5	12	sw.	J. Fred Kinley.
Coudersport‡‡	Potter	1,653	21	49.1	+4.3	82	12†	20	6	4.37	+0.07	1.21	25	T.	12	10	13	7	se.	Potter Enterprise.
Derry	Westmoreland	1,180	48	54.9	+5.3	84	12†	28	6	4.71	+0.89	1.25	25	T.	11	10	9	11	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	50.8	.....	82	12†	21	6	4.45	.....	1.12	25	T.	14	10	16	4	w.	Penna. Turnpike Comm.
Donora‡‡	Washington	761	19	56.7	+4.7	86	12	29	6	4.49	+1.34	0.98	25	0	11	3	7	20	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	49.0	+3.8	80	13	28	6	3 68	+0.18	0.79	2	0.2	15	13	7	10	w.	Miss Emma H. Eastman.
Farrell	Mercer	855	32	55.8	+6.9	84	10†	29	6	3.14	+0.08	0.57	17	T.	13	15	6	9	ne.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	2	53.6	.....	82	13	27	6†	5.35	.....	1.08	4-5	0	13	14	2	14	w.	U.S. Engineers.
Franklin	Venango	987	71	50.1	+4.0	81	10†	27	6†	3.61	+0.43	1.08	4-5	T.	12	14	5	11	s.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	36	52.8	+2.5	82	12†	20	6	4.15	+0.37	0.89	17	0	14	13	5	12	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	54.4	+5.1	82	11	23	6	4.92	+1.04	1.24	24-25	T.	13	11	15	4	w.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	50.0	.....	83	12	21	6	2.82	−0.49	0.56	16-17	....	15	....	..	....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	53.7	+3.4	85	13	29	7	4.10	+0.08	0.79	2	T.	14	11	8	11	se.	.....
Kane-1 N	McKean	1,750	30	46.6	.....	81	12	20	6	4.79	+0.91	1.70	4	1.6	15	9	5	16	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	51	49.3	+3.7	82	12	24	6	2.84	−0.50	0.79	2	1.1	15	9	4	17	sw.	City of Meadville.
Midland	Beaver	780	9	54.0	.....	83	16	29	6	4.51	.....	0.90	4	T.	14	9	10	11	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	53.6	+5.0	82	13†	27	6†	4.49	+1.42	1.19	4	0.2	12	10	13	7	w.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	54.4	+5.2	83	12	29	6	3.81	+0.89	0.98	25	T.	13	8	8	14	nw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	51.8	.....	81	12	25	6	5.59	.....	1.22	4-5	T.	15	8	7	15	w.	U. S. Engineers.
Ridgway	Elk	1,365	38	48.0	+2.8	85	12†	19	6†	4.74	+1.63	1.22	4-5	T.	16	12	2	16	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	50.7	+4.5	81	12	24	6	3.61	−0.88	0.85	4-5	T.	14	4	9	17	se.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	48.6	+3.1	77	13	18	6	4.26	+0.26	1.00	17	T.	17	6	8	16	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	49.1	.....	81	10†	23	6	4.61	.....	1.54	4-5	T.	15	11	2	17	w.	U. S. Engineers.
Titusville 2 S	Crawford	1,550	2	51.6	.....	80	10†	24	6	4.19	.....	1.10	4-5	0.2	13	6	10	14	s.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	57.9	+6.5	86	11†	25	6	3.78	+0.02	0.97	17	0	12	12	16	2	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	55.7	+5.2	85	10†	29	6	4.98	+1.88	0.90	4†	T.	15	2	24	4	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	57	50.4	+5.5	84	12	22	6	3.72	+0.19	1.60	4-5	T.	13	12	10	8	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	54.2[d]	+3.6	.....	.....	.....	.....	3.99	+0.46	0.77	25	0	9	7	20	3	w.	Thomas S Knox.
Division mean			....	**51 8**	.....	**86**	**11†**	**18**	**6**	**4.32**	.....	**1.70**	**4**	**0.1**	**14**	**9**	**9**	**12**	w.	
Lake Drainage																				
Albion	Erie	900	2	52.4[d]	.....	83	11	26	28	3.36§	.....	0.76	2	.....	14	11	3	16	sw.	Samuel D. Lewis
Erie	Erie	705	72	51.6	+6.5	85	11	32	5	3.62	+0.89	0.86	2-3	0.7	15	5	11	14	w.	U. S. Weather Bureau.
State mean			....	**52.4**	**+3.8**	**90**	**14**	**18**	**6**	**4.17**	**+0.72**	**1.92**	**25**	**T.**	**13**	**10**	**8**	**12**	w.	

[See page 32 for explanation of reference marks.]

Daily Precipitation for April 1945

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	.12	.09	.53	....	.90	.11	..	..	..	..	..	..	..	..	.04	.06	.06	.22	..	..	.10	..	..	..	1.13	14	..	..	..	..	..	3.50
Hawley[2], 0.5 E	Wayne	T.	.13	.39	....	1.31	.02	..	..	..	..	..	..	..	..	.02	.04	.03	.91	14	..	.09	..	..	..	T.	.96	06	T.	..	..	..	4.10
Hollisterville[2]	Wayne	.05	.03	.51	....	1.06	.01	..	..	..	..	..	..	..	..	..	.01	.02	.28	07	..	.14	..	..	.02	.74	.07	T.	..	..	..	..	3.01
Lakeville[2], 1 N	Wayne	.01	.07	.39	....	1.38	.02	..	..	..	..	..	..	..	..	*	*	*	.33	51	*	.41	..	..	*	.79	T.	..	..	..	..	..	§4.91
Matamoras[2]	Pike	..	.12	.96	....	.91	.29	..	..	..	..	..	..	..	..	..	..	.07	.48	..	..	..	..	..	..	.05	1.02	.18	..	..	..	..	4.08
Mount Pocono[3], 2 N	Monroe	..	.95	.01	.47	.72	..	..	..	..	..	..	T.	T.	.04	....	.20	.38	T.	..	T	.16	..	..	.10	.83	.26	T.	T.	..	..	..	4.12
Pleasant Mount[1, 5], 1 W	Wayne	..	*	*	*	*	*	*	*	2.18	..	..	..	.07	..	..	.56	.08	..	..	..	.20	..	..	..	.40	.43	..	..	..	..	..	3.92
Stroudsburg, 2 E	Monroe	.14	.31	.41	....	1.03	T.	..	..	..	..	..	T.	..	.20	....	.01	.21	.18	..	..	.12	..	..	T	.31	.68	.43	..	..	..	..	4.03
Tanners Falls[1, 5], 1 SE	Wayne	..	1.30	..	.62	.58	..	..	..	..	..	..	.02	..	..	..	..	.25	.05	..	..	.15	..	..	..	.93	.14	..	..	..	..	..	4.04
LEHIGH																																	
Allentown Arpt[3], 4 NE	Lehigh	T.	.59	....	.03	1.00	..	..	..	..	..	..	T.	..	.14	T.	.07	.46	..	..	T.	.19	..	..	.07	.63	.28	..	..	..	..	..	3.46
Allentown[2]	Lehigh	.21	.18	.33	....	1.10	.02	..	..	..	..	..	T.	..	..	.32	.06	.03	.39	..	..	T.	.21	..	..	.08	.60	.19	..	..	..	..	3.72
Bethlehem[1]	N'rthampton	..	.47	....	.01	1.02	..	..	..	..	..	..	T.	..	.35	....	.09	.40	..	..	..	.21	..	..	.09	.74	.21	..	..	..	..	..	3.59
Blakeslee Corners[1, 5]	Monroe	..	1.27	....	.38	72	..	..	..	..	..	..	..	..	.04	....	.02	.34	..	..	..	.17	..	..	.01	.72	.28	..	..	..	..	..	3.95
Gouldsboro[2]	Wayne	T	.18	.47	....	1.18	T.	..	..	..	..	..	T.	..	..	.05	.08	.09	.57	T.	..	..	.25	..	..	.03	....	.12	..	..	..	..	3.02
Lansford[2]	Carbon	.32	.32	.74	..	1.45	T.	..	..	..	..	..	T.	..	.16	*	.25	.10	.59	..	..	..	.25	..	T.	.12	.60	42	..	..	..	..	5.32
Mauch Chunk, 1 SW	Carbon	.10	.28	.91	T.	1.34	..	..	..	..	..	..	..	..	.35	....	.04	.51	.18	..	..	.20	..	..	T.	.59	....	.46	..	..	..	..	4.96
New Tripoli	Lehigh	..	.52	.51	..	1.15	..	..	..	..	..	..	..	..	.19	....	T.	.57	.02	..	..	.28	..	..	.02	.87	.42	.06	..	..	..	..	4.61
Palmerton[1, 5]	Carbon	..	.85	....	.28	.78	..	..	..	..	..	..	T.	.02	.06	....	.01	.70	..	..	.01	.16	..	..	.11	.64	.37	..	..	..	..	..	3.99
Zionsville, 1 SW	Lehigh	.12	.45	.47	..	.77	..	..	..	..	..	..	..	..	.31	....	.03	.11	.56	..	..	.34	..	..	..	.66	.12	.13	..	..	..	..	4.07
SCHUYLKILL																																	
Conshohocken	Montgomery	*	.20	*	..	.60	..	..	..	..	..	..	..	..	.05	....	T.	.51	.39	....	T.	.08	..	..	.19	.61	.21	..	..	..	..	..	§2.84
Fredericksville[2], 1 S	Berks	.14	.26	.30	....	1.22	..	..	..	..	..	..	T.	T.	..	.47	.13	.07	.45	..	..	..	.32	..	..	.17	.63	.23	..	..	..	..	4.39
Gratersford[2]	Montgomery	.11	.14	.23	..	.28	.07	..	..	..	..	..	..	..	..	.74	.01	.11	.82	..	..	..	.23	..	..	.21	.68	.28	..	..	..	..	3.91
Phoenixville[2], 1.5 SE	Chester	.22	.15	.25	....	.21	..	..	..	..	..	..	..	..	..	.47	.06	.05	.58	..	..	T.	.36	..	T.	.15	.89	.17	..	..	..	..	3.56
Port Clinton[2]	Schuylkill	.27	.25	.95	....	1.00	..	..	..	..	..	..	..	..	..	.38	.16	.05	.48	..	..	..	.30	..	..	.11	.55	.42	..	..	..	..	4.92
Pottstown[2], 0.5 S	Montgomery	.14	.17	.28	....	.42	.11	..	..	..	..	..	..	..	..	.43	.09	.04	.84	..	..	T.	.22	..	T.	.15	.66	.22	..	..	..	..	3.77
Pottsville[2]	Schuylkill	.18	.25	.71	....	1.25	T.	..	..	..	..	..	..	..	.02	.15	.12	.06	.82	..	..	..	.34	..	..	.12	.68	.48	..	..	..	..	5.18
Reading[1, 5]	Berks	..	.56	T.	.02	1.01	..	..	..	..	..	..	T.	..	.25	....	.10	.33	..	..	T.	.13	..	..	.08	.63	.32	..	..	..	..	..	3.43
Wernersville	Berks	..	.53	.20	T.	.89	..	..	..	..	..	..	.01	..	.20	....	.09	.29	.15	..	T.	.18	..	..	.01	.76	.36	.02	..	..	..	..	3.69
LOWER DELAWARE																																	
Coatesville[6]	Chester	..	.17	.20	.10	.06	..	..	..	..	..	T	..	..	.26	T.	.20	.39	.28	..	..	.10	..	..	.05	.85	.25	..	..	..	..	..	2.91
Doylestown	Bucks	.08	.25	.02	..	.25	..	..	..	..	..	..	..	..	.47	T.	.08	.09	.79	T.	T.	.15	..	..	T	1.92	.35	.38	..	..	..	..	4.83
George School[6]	Bucks	..	.21	.06	T.	.30	..	..	..	..	..	..	.02	.34	..	..	.12	.40	.29	..	.04	.14	..	..	T.	1.04	.37	..	..	..	..	..	3.33
Marcus Hook[2]	Delaware	.30	.20	.15	T.	.12	..	..	..	..	..	..	..	..	..	.22	.15	.03	.94	..	..	.03	T.	..	..	.17	1.32	.50	..	..	..	..	4.13
Philadelphia Airport Station[1, 5]	Philadelphia	..	.28	T.	T.	.08	..	..	..	..	..	T.	T.	..	36	T.	.05	.89	T.	..	.02	.18	..	..	.11	.69	.23	..	..	..	..	..	2.89
City Office[1, 5]	Philadelphia	..	.32	T.	T.	.07	..	..	..	..	..	..	T.	T.	..	.25	T.	.05	.61	..	..	.01	.18	..	..	.10	1.18	.23	..	..	..	..	..	2.95
Shawmont	Philadelphia	*	.20	.15	T.	.32	..	..	..	..	..	..	..	..	.23	....	.08	.10	.72	..	T.	.17	T.	..	T.	1.48	.10	.40	..	..	..	..	3.95
Quakertown, 0.5 E	Bucks	..	.35	.36	....	.71	..	..	..	..	..	..	..	..	.24	....	.15	.26	1.00	..	..	.31	..	..	T.	.84	.15	.35	.02	..	..	..	4.74
West Chester	Chester	..	.21	.16	....	.20	..	..	..	..	..	..	..	..	.12	....	.12	.18	.66	..	T.	.12	..	..	..	1.78	.18	.02	..	..	..	..	3.75
West Grove[2], 1.5 SE	Chester	.30	.16	.22	T.	.13	.12	..	..	..	..	..	T.	..	..	.17	.21	.03	.76	..	..	..	.17	..	..	*	1.43	.68	..	..	..	..	4.38
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	..	.42	....	.56	.01	..	..	..	..	..	..	..	..	..	..	.05	.10	.06	..	..	.27	..	..	.13	*	*	.95	..	..	..	..	2.55
Covington[2]	Tioga	..	.10	.41	....	.34	T.	..	..	..	..	..	..	..	..	..	..	.04	.02	..	..	..	..	..	.54	....	.48	..	..	..	..	..	1.93
Lawrenceville	Tioga	..	.22	.10	T.	.38	..	..	..	..	..	..	..	..	.05	....	T.	.05	.05	..	T.	.32	..	..	.18	1.09	.23	.18	..	..	..	..	2.85
NORTH BRANCH																																	
Berwick[2]	Columbia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Canton[2], 1 NW	Bradford	.37	.10	.38	.01	.63	.02	..	..	..	..	..	..	..	T.	..	..	.10	.03	.09	..	.05	.22	..	.09	.08	.65	.50	T.	..	..	..	3.32
Danville[2]	Montour	*	.20	1.32	....	.80	..	..	..	..	..	..	..	..	.06	....	.20	.08	.33	..	..	.10	.25	..	.03	.03	.91	.18	..	..	..	..	4.49
Freeland[2]	Luzerne	.15	.20	.70	....	1.13	T.	..	..	..	..	..	..	..	..	.18	.05	.55	.07	..	..	..	.05	..	..	.20	.61	.20	..	..	..	..	§1.09
Hop Bottom[2], 2 S	Susquehanna	T.	.33	.52	T.	.92	.02	..	..	..	..	..	..	..	..	..	.11	.01	.09	.06	..	.01	.17	..	..	.04	.94	.50	.01	..	..	..	3.73
Millville[1, 5]	Columbia	..	.76	....	.56	.39	..	..	..	..	..	..	..	.14	.10	....	.02	.46	..	.12	..	.23	..	..	..	1.18	.43	..	..	..	..	..	4.39
Monroeton[2], 2 S	Bradford	T.	.04	.45	....	.50	.02	..	..	..	..	..	..	..	.16	T.	.06	.12	.07	.02	..	.03	.21	..	.01	.03	.83	.62	T.	..	..	..	3.17
Montrose[2], 3 E	Susquehanna	.05	.18	.59	....	.89	.01	..	..	..	..	..	..	..	T.	T.	.02	.01	.02	.02	T.	.01	.29	..	T.	.03	.81	1.08	.06	..	..	..	4.07
Orwell[2], 3 N	Bradford	.12	.25	.09	T.	.82	.02	..	..	..	..	..	..	..	..	..	.01	..	T.	.06	..	.06	.24	..	.06	.05	.72	.68	.01	..	..	..	3.19
Park Place[3], 1 NW	Schuylkill	..	1.00	....	.56	.76	..	..	..	..	..	..	..	.15	.28	.03	.03	.60	..	..	.06	.20	..	..	.04	.56	.56	..	..	..	..	..	4.83
Pikes Creek[1, 5]	Luzerne	..	1.00	....	.44	.50	..	..	..	..	..	..	..	..	.14	....	.09	.60	..	..	..	.22	..	..	..	.78	.50	..	..	..	.01	..	4.28
Scranton[1, 5]	Lackawanna	..	1.50	....	.42	.57	..	..	..	..	..	..	..	..	.06	....	.01	.30	.02	....	T.	.08	..	..	T.	.67	.08	T.	..	..	..	..	3.71
Susquehanna[2]	Susquehanna	.05	.08	.60	..	1.02	.03	..	..	..	..	..	..	..	.06	....	..	.01	T.	.08	....	.03	..	..	T.	.02	.82	.82	..	..	..	..	3.62
Towanda, 1 E	Bradford	..	.22	.16	T.	.56	T.	..	..	..	..	..	..	..	.03	....	.03	.08	.03	T.	T.	.09	..	..	.10	.74	.25	.13	T.	..	..	..	2.42
Tunkhannock[1, 5]	Wyoming	..	.47	....	.33	.22	..	..	..	..	..	..	..	.01	.05	....	.01	.18	..	..	..	.15	..	..	..	.77	.93	..	..	..	..	..	§3.12
Wilkes-Barre[3], 3 N	Luzerne	..	.86	....	.56	.38	..	..	..	..	..	..	..	T.	.06	..	.03	.31	.02	....	.01	.20	..	..	T.	.81	.02	T.	..	T.	..	..	3.26
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.15	.11	.24	..	.60	T.	..	..	..	..	..	..	..	..	T.	.01	.15	.01	.04	..	.02	.35	..	.08	.12	.53	.24	..	..	.01	..	2.66
Carrolltown[2]	Cambria	.03	.19	.95	T	.80	.05	..	..	..	..	..	..	..	..	62	.03	.49	.08	.02	..	.11	.32	..	.21	.22	.76	.25	T.	..	..	..	5.13
Carter Camp[2]	Potter	.03	.12	.49	....	.97	T.	..	..	..	..	..	..	..	T.	.08	.02	.16	.08	.03	....	.07	.50	..	.21	.24	.60	.40	..	..	..	..	4.00
Cedar Run[2]	Lycoming	.14	.11	.45	....	.54	..	..	..	..	..	..	..	..	..	.05	.03	.12	.14	.04	....	.04	.38	..	.22	.39	.62	.28	..	..	..	..	3.55
Clearfield[2]	Clearfield	.03	.18	.49	....	.82	.04	..	..	..	..	..	..	..	.18	.36	..	.38	.13	.03	....	.04	.32	..	.28	.39	.70	.32	..	..	..	..	4.09
Coalport[2]	Clearfield	*	*	.91	....	.80	*	..	..	..	..	..	..	..	..	.91	.41	*	*	..	..	*	..	..	*	.91	.36	.25	..	..	..	..	4.55
Curwensville Apt[3] 6NW	Clearfield	..	.70	.03	1.11	.08	..	..	..	..	..	..	..	.03	.53	T.	.01	.55	.06	T.	.05	.29	..	.06	.10	1.44	.23	.02	..	..	.14	..	5.43
Driftwood[1, 5]	Cameron	..	.69	....	.68	..	..	..	..	..	..	..	..	..	.17	.02	.04	.32	.08	....	.07	.29	..	.04	.23	.86	.32	..	..	..	.23	..	4.04
Dushore[1, 5]	Sullivan	..	.57	..	*	*	*	*	.65	..	..	..	..	..	.06	....	..	.38	.04	..	..	.29	..	..	..	.81	.56	..	..	..	..	..	3.36
Eagles Mere[2]	Sullivan	.02	T.	.85	....	.83	T.	..	..	..	..	..	..	..	.10	.15	..	.17	.53	T.	..	T.	.23	..	T.	.09	.97	.84	..	..	..	..	4.78
Emporium[2], 1 E	Cameron	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Galeton	Potter	..	.03	.37	.04	.89	.02	..	..	..	..	..	..	..	..	..	.13	T	.06	T.	.03	.46	..	..	.05	.60	.47	T.	..	T.	..	..	3.15
Karthaus[2]	Clearfield	.33	.21	.75	....	.73	.06	..	..	..	..	..	..	..	.20	.17	.10	.20	T.	.15	..	.20	.22	..	.25	.56	.66	.29	..	..	..	..	5.08
Lock Haven[2]	Clinton	.09	.21	.71	....	.97	.01	..	..	..	..	..	..	..	.22	.35	.02	.21	.09	.03	....	.18	.46	..	.32	.11	.75	.70	..	..	..	..	5.43
Medix Run[1, 5]	Elk	..	.69	.02	.74	.05	..	..	..	..	..	..	.03	.22	..	.02	.32	.02	....	.08	.26	..	..	..	.20	.84	.11	..	..	.19	..	..	3.79
Philipsburg[3], 7 E	Centre	T.	.85	.01	.60	.05	..	..	..	..	..	..	.12	.55	T.	.02	.45	.07	T.	T.	..	.46	..	.02	.49	1.01	.26	T.	..	.01	.31	..	5.28
Renovo[2]	Clinton	.10	.08	.43	....	.56	T.	..	..	..	..	..	..	..	.12	.19	.07	.08	.10	T.	..	.03	.30	..	.22	.32	.66	.56	..	..	..	..	3.82
State College[1, 5]	Centre	..	.90	....	.63	.06	..	..	..	..	..	..	.02	.38	T.	.01	.31	.01	....	T.	.37	..	T.	.53	.58	.44	T.	..	..	.14	..	4.38
Tamarack[2], 2 S	Clinton	.02	.13	.55	T.	.74	T.	..	..	..	..	..	T.	.09	.11	.09	.19	.11	T.	..	.10	.38	..	.24	.30	.56	.37	T.	..	T.	..	..	3.98
Tyrone[1, 5], 4 NE	Blair	..	.87	....	.59	.01	..	..	..	..	..	..	..	.33	..	..	.53	..	..	..	.23	..	..	.45	1.20	.12	..	..	.04	..	..	4.37
Wellsboro[2]	Tioga	.16	.09	.29	....	.42	T.	..	..	..	..	..	..	..	..	..	.06	.06	.04	....	.01	.37	..	.05	.21	.57	.29	T.	..	T.	..	..	2.62

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport Apt.[3-4 E	Lycoming		.73		.51	.02								.19	.22	.01	.06	.20	.03		.02	.40			.15	.57	.33	T.			T		3.44
Williamsport[2]	Lycoming		.02	.75		.62									.22	.23	.02	.18	.18	.03		T.	.29		.04	.20	.50	.18					3.46
Williamsport[2], 4 SE	Lycoming	.08	.07	.73		.64	T.								.17	.25	.13	.17	.12	.04		.09	.26		.12	.13	.70	.32					4.02
JUNIATA																																	
Altoona, 4.5 W	Blair		.25	1.08	.07	.83									.50		.10	.52	.02			.45			.49	.88	.13						5.32
Breezewood[1], 0.5 E	Bedford		.92		.55	.20									.11	.24	.25	.57	.01		.06	.04			.35	.82	.08				T.		4.20
Buffalo Mills[2]	Bedford		.27	.33		.72										.18	.39	.65	.23			.05			.42		.34	.17					3.75
Burnt Cabins[1], 2 NE	Fulton		.53		.42	.37									.48	.11	.13	.38	.02		.10	.07			.43	.66	.15				.03		3.88
East Waterford[2], 3 E	Juniata	.08	.33	.47		.85	.01						1			.45	.15	.18	.30	T.		.01	.21		.29	.10	.88	.16	T.				4.47
Everett[2], 0.5 SW	Bedford	.02	.25	.34		.58	T.									.13	.41	.44	.42	T.		.09	.04		.20	.01	.88	.10					3.91
Huntingdon[2]	Huntingdon		.26	.62		.95	T.									.54	.08	.32	.19	T.		T.	.30		.41	.09	.57	.15					4.48
Lewistown[2], 2 SW	Mifflin		*	.94		.98	.02									.30	*	.40	.45			T.	.41		.18	.14	1.08	.15					5.05
Mapleton Depot[2]	Huntingdon		.21	.77		1.14	T.									.70	.12	.18	.29				.27		.26	.06	.62	.12					4.74
Martinsburg[3]	Blair	.04	1.04		.92	.04									.30	.24	.01	.63	.02		.20	.15		.09	.14	.53	.13	T.			.01		4.49
McConnellstown[2], 4NW	Huntingdon	.06	.20	.69		.92	T									.87	.10	.40	.12				.31		.34	.13	.73	.36					5.23
Neffs Mills[1, 5], 3.5 NE	Huntingdon		.72	.03	.67	.06									.23			.50			.04	.40	.04		.60	.57	.61				.06		4.53
New Bloomfield	Perry		.38	.31		.80									.29		.14	.35				.48			.12	.84	.41						4.12
Newport[2]	Perry	.31	.25	.64		.86										.28	.09	.04	.27			T.	.34		.05	.09	.80	.40					4.42
Saxton[2], 1 W	Bedford		.27	.65		.62										.19	.15	.25	.17			.18			.18	.05	.65	.10					3.46
Shade Gap[1, 5], 0.5 SW	Huntingdon		.94		.43	.22									.51	.13		.52			•	•	.26	.01	.54	.60	.13				.05		4.34
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	.25	.21	.86		1.10	T									.11	.61	.26	.25			T.	.08		.11	.19	1.11	.86					6.00
Bloserville, 1.5 N	Cumberland		.62	.38		.86									.30		.14	.47			.04	.25			.18	1.06	.42						4.72
Carlisle	Cumberland		.58	.80	T.	1.80									.28	.09	.07	.28	T.		.01	.16			.12	.82	.09						5.10
Columbia	Lancaster		.45	.33		.92							T		.41		.19	.23	T.			.18			.07	.69	.43						3.90
Dauphin[2], 3 N	Dauphin	.11	.16	.41		1.13										.38	.09	.04	.22					.25	.03	.06	.69	.39						3.96
Ephrata	Lancaster		.46	.24		1.12	T.						.02		.31		.12	.20	.28		T.	.27			.02	.77	.35						4.16
Glen Rock[1, 5]	York		.74		.30	.52									.18	.05	.44	.55								.57	.69			•	•		4.04
Gordon	Schuylkill		.54	.52		1.22									.32		.07	.62				.26			.02	.70	.35	.18					4.80
Grantville, 2 SW	Dauphin		.72	.54	.02	1.30									.60		.14	.70			T.	.28			.04	.97	.44	.03					5.78
Hanover[2]	York	T.	.38	.55		.86	T.						T.	.01		.24	.48	.01	.40			.01	.06		.02	.03	.87	.31					4.23
Harrisburg Apt[1, 5], 3.5 S	Dauphin		.80		.42	.82							T.		.29	.02	.07	.32	T		T.	.17		T.	.04	.92	.22						4.09
Holtwood[2]	Lancaster	.11	.13	.13		.14	.03					T.	.01	.01		.09	.30	.02	.49			T.	.05		.01	.05	.63	.21					2.41
Huntsdale[2]	Cumberland	T.	.22	.59		1.05	T.						T.			.22	.14	.03	.17	T.		T.	.12		.01	.13	.73	.26					3.67
Kirkwood[1, 5], 1 SW	Lancaster		.43			.12									.20	.02	.20	.74				.13			.09	.52	.23						2.68
Lancaster	Lancaster	.09	.41	.21		1.12							T.		.37		.20	.17	.39			.13			.01	.85	.11	.25					4.31
Lebanon[2]	Lebanon	.03	.35	.69		1.15	T.						T.			.27	.09	.05	.43				.24		T	.09	.50	.43					4.32
Middletown[1], 1.5 W	Dauphin		.82	.01	.01	.67							T.		.34	.03	.10	.29	T.		T.	.36		T.	.09	.87	.48						4.07
Millersburg[1, 5], 2 E	Dauphin		.74		.35	.43								•	•	.10	.09	.35	.01			.41				.72	.44						3.64
Milroy[2], 5 N	Mifflin																																
Newburg[1], 3.5 NW	Cumberland		.79		.42	.48									.37	.03	.05	.43			.02	.10			.20	.97	.33				T.		4.19
New Park	York		.34	.16	T.	.33									.18		.53	.28	.44			.05			.02	.80	1.20						4.33
Pine Grove[2], 1.5 NE	Schuylkill	.30	.05	.85		1.19										.05	.29	.05	.62				.34		T.	.33	.68	.46					5.21
Ringtown[2], 1.5 SW	Schuylkill		.16	.84		1.19	.08								.06	.16	.03	.11	.78			.02	.19		T.	.07	.74	.63					5.06
Selinsgrove	Snyder		.93	.68		.88							.05		.30			.44			.02	.35			.06	.88	.18						4.77
Shamokin[2]	N'umberland	*	.41	.76		1.02										•	.44	.02	.37			T.	.34			.05	.68	.06					4.15
Shippensburg	Cumberland		.55	.55		.92	T.								.20		.30	.26		.01	T.	.12			.12	1.00	.57						4.60
Sunbury[2]	N'umberland	.10	.13	1.38		.80	T.								.03	.22	T.	.07	.35			.04	.36		.03	.05	.95	.11					4.62
Williamstown[2]	Dauphin	.25	.28	.74		1.17										.31	.12	.10	.34				.34		.10	.14	.72	.50					5.11
Woodward[3], 2 NE	Centre		.86		.71	.05								.06	.18		T.	.26	.01		.02	.32		.01	.27	.63	.41	T.		T.	.08		3.90
York, 3 SW	York		.68	.24		.98									.35		.39	.23	.11			.12			.02	.72	.66	.03					4.53
York Haven[2]	York	.04	.28	.75		1.18										.25	.14	.02	.26				.16		.04	.02	.75	.58					4.47
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin	.07	.30	.81	T.	1.00	T.									.17	.68	.06	.25	.01		T.	.10		.11	.05	1.17	.45					5.23
Gettysburg	Adams		.57	.25		1.39									.17		.58	.30	.01		T.	.06			.33	1.15	.39						5.20
Hewitt, 2 SW	Bedford		.45		T.	.65									.18		.19	.85	T.		T.	.16			.46	1.45	.20						4.59
Hyndman[2]	Bedford	T.	.16	.17		.42										.08	.20	.53	.45	.05		.21	T.		.19		.59	.08					3.18
McConnellsburg[2]	Fulton		.21	.39		.60										.20	.56	.15				.21	T.		.32	T.	.86	.15					3.65
Mercersburg[2]	Franklin	.01	.20	.72		.70										.17	.32	.12	.18			.03	.05		.29	.13	.88	.55					4.35
South Mt. San't'm[2]	Franklin	.05	.30	.71		1.40	T.									.23	.55	.06	.70				.06		.12	.07	1.01	1.41					6.67
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.02	.39	.42		.88	T.									.47	.10	.55	.03	.01		.21	.13		.05	.21	.62	T.					4.09
Allens Mills[1, 5]	Jefferson		1.11		1.44	.06								.14	.81			.53	.03		.05	.26		.09	.13	1.45	.23				.08		6.41
Blairsville[2], 6 NE	Indiana	.01	.24	.35		1.21	.02								T.	.80	.13	.93	T.	T.	T.	.24	.14		.23	.61	.53	.23	T				5.67
Boswell[2], 6 NW	Somerset		.22	.45		.94	.02									.35	.14	.72	.08			.22	.07		.09	.08	.63	.21					4.22
Bradford, 4 W	McKean	.07	.30	.54	.22	1.05	T.											.27	.08	.05	.09	.40			.21	.52	.25	.06					4.11
Brookville[3], 1.5 SW	Jefferson	T	1.26	T	1.07	.04								.12	.68	.02	.01	.53	.14	T.	.07	.32		.15	.15	1.04	.05	.01			.04		5.70
Buckstown[1, 5]	Somerset		.80		.83										.16	.12		.53	.02		.13	.07		.06	.05	.51	.09				.06		3.43
Clarion[2], 3 SW	Clarion	.12	.23	.76		1.24	.01								T.	.61	.05	.52	.03	.11	T.	.15	.24		.09	.31	.91	.07					5.45
Corry	Erie		.91	.05	.13	.85									.06			.28		.03	.18	.26			.20	1.21	.12	.12			.04		4.44
Coudersport	Potter		.41		.31	.99									.08			.29	.05	.04	•	.64			.27	1.21	.08						4.37
Derry	W'moreland		.29	T.	.09	.89									.64		.10	.99			.20	.05			.14	1.25		.07			T.		4.71
Donegal[1]	W'moreland	T.	.40		.58	.33									.40	.10		.81			.24	.08		.03	.02	1.12	.11	.13			.10		4.45
Dunlo[1, 5], 0.5 SW	Cambria		1.11	.03	71	.01						.01			.20	.12									.17	.42	.20				.03		§§
Ebensburg[2]	Cambria	.04	.18	.61	.01	.64	.02									.31	.17	.55		.01		.04			.09	.20	.56	.25	T.				3.68
Ford City[2], 4 S	Armstrong	.06	.29	.72		1.08	T								T.	.60	.05	.70		T.	T.	.28	.24		.19	.37	.75	.02					5.35
Franklin[2]	Venango	.13	.22	.30		1.08	T.									.05		.44		T.	T.	.05	.15		.12	.21	.68	.18					3.61
Glen Hazel[2], 1 NE	Elk	.07	.20	.54	.24	1.25	.04							T.		.12		.41	.01	.15		.18	.24		.20	.18	.69	.38	.02		T.		4.92
Home[1, 5]	Indiana		.77		.89	.08				.02				.05	.73	.01		.69			.10	.30		.04	.04	.99	.24				.02		4.97
Indiana	Indiana		.27	.28	.23	.69									.58		.05	.80	T.	T.	.02	.48			.08	1.24	.14	.06					4.92
Johnstown[2], 0.5 W	Cambria		.24	.55		.75	.04									.45	.13	.58			.02	.15	.15		.21	.37	.36	.10					4.10
Kane[1], 1 N	McKean		.79	.04	1.70	.11									.01	T.	.18	.40	.06	T.	.10	.25		T	.19	.69	.13	.04		T.	.10		4.79
Kregar[1], 4.5 SE	W'moreland	T.	.70	T.	.75	.41										.35	.15	T.	.72	T.		.21	.26		.10	.02	.78	.20	.07			.18		4.90
Lycippus, 1.5 E	W'moreland		.13	.14	.05	.93									.60	T.	.17	1.21	T.		.05	.21				.13	.89	.06	.05	T.				4.62
Marienville[1, 5]	Forest		.76	.02	1.54	.04										.10	.05		.47	.02		.17	.23		.01	.06	1.04	.10				*to*		§4.74
Meadville[2], 1 S	Crawford	.12	.31	.48		.33	.05										.01	T.	.55		.04	.03	.25	.11		.05	.21	.22	.08					2.84
Mosgrove[2]	Armstrong	.09	.30	.50		1.14	.03										.65	.04	.45	T.	.10		.18	.51		.13	.56	.65	.03					5.36
Parkers Landing[2]	Armstrong	.09	.24	1.11		1.12	T.										.31	.03	.43		.02		.17	.17		.05	.16	.91	.04					4.85
Pittsburgh Cty Of[1, 5]	Allegheny	.09	.45	T.	.80	.02										.40	.11	T.	.49	.02		.13	.09		.01	.10	.77	.01	T.			.14		3.63
Port Allegany[2]	McKean	.07	.16	.53		1.12	.07											T.	.30		.11		.03	.38		.03	.04	.67	.95	T.				4.46
Punxsutawney[2]	Jefferson	.12	.24	.92	T.	1.30	T									.08	.55	.02	.54	T.		T.	.08	.40		.11	.42	.50	.08					5.36

Continued on page 29.

Daily Precipitation for April 1945—Continued from Page 28

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[3], 2.5 SE	Armstrong	.11	.25	.90	T.	1.22	T.								.01	.60	.04	.60	T.	.08		.14	.34		.12	.48	.69	.01					5.59
Ridgway[2]	Elk	.07	.20	.69		1.19	.03								.06	.12	.04	.38		.10		.20	.23		.34	.28	.62	.19	T.				4.74
Saltsburg[2]	Indiana	T.	.26	.39		1.06	T.									.39	.05	.79		.01	T.	.15	.19		.06	.36	.66	.08	T.				4.45
Seward[2]	W'moreland		.23	.47	.10	.58	.10									.54	.11	.67		.04		.24	.11		.32	.19	.64	.14					4.48
Sheffield[1, 5], 6 W	Warren		.86	.02	1.55	.05											.21	.35	.05		.13	.31		.10	.21	.80	.17	.03	.04		.10		4.98
Smethport[1, 5], 1 SW	McKean		.51	.04	1.23	.05											.17	.27	.13		.04	.46			.10	.84	.41	*01*			*.11*		§4.40
Strongstown[1, 5]	Indiana		.42	.02	.75	.15									.50			.66			.14	.35		.03	.18	.94	.20				.21		4.55
Tionesta[2], 1.5 SE	Forest	.16	.30	.28		1.54	.01									.05	.13	.47		.03	T.	.22	.19		.21	.06	.81	15					4.61
Titusville, 2 S	Crawford		.39	.34	.24	1.10	T.								.01		.01	.44	T	.01	.18	.25			.19	.92	.11						4.19
Union City[1, 5]	Erie		.74		.37													.36			.17	.20		.12	.30	.47	.35				.05		3.13
Vandergrift[1]	W'moreland		.80		.90	.15									.78	.05	.45	.35	.01		.18	.20		.04	.10	.90	.05				.02		4.98
Warren[2]	Warren	.17	.12	.46		1.60	.12											.30	T.	.06		.12	.20			.10	.07	.18	.22					3.72
Youngsville[1, 5]	Warren																																
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	T.	.14	.33	T.	.84	T.									.17	.12	.62	.06	T.		.28	.01		.01	T.	.81	.05	T.					3.44
Connellsville[2]	Fayette		.19	.06		.77										.47		.93	.02			.50	.02		.04	.24	.31	.09	.06				3.70
Donora[1]	Washington	T.	.50	T	.56	.10									44	.14		.88	T.		.24			T.		.98	.46	.03			.16		4.49
Greensboro[2]	Greene	.01	.12	.24		.54	T.									.39	.06	.84	.06	.05		.35	.01		T.	.27	.75	.01					3.70
Greensburg, 2 S	W'moreland		.59	.05	.06	.71									.53	.01	.16	.89			.03	.25			.07	.68	.10	.02					4.15
Irwin	W'moreland		.33	.02	.10	.79									.50		.17	.77	T.		.04	.18			.03	.88	.05	.02					3.88
Meyersdale[2]	Somerset		.18	.20		.72										.15	.17	.58	.17			.23			.12		.47	.18	T.				3.17
Murrysville[1, 5]	W'moreland	.03	.82		.74	.01								.02	.43	.10		.70			.15	.13		.02		.85					.13		4.13
Newell[7]	Fayette		.28	.23		.54		.03							.75	.03	.12	1.00			.10	.18			.04	.72	.10						4.12
Pittsburgh Arpt.[1, 5]	Allegheny	.05	.49	T	.65	T									.48	.14		.59	.02		.20	.01		T.	T	.98	.02	.01				.17		3.81
Rices Landing[2]	Greene	.01	.23	.14		.73	.04									.36	.13	.84	.09	.01		.35	.02		.02	.69	.42	.06					4.14
Somerset	Somerset		.16	.40	.15	.85									.16		.15	.60	.01		.02	.21			.05	.73	.01	.11					3.61
Springs[6], 1 SW	Somerset		.33	.08	.06	.78	T.								.24	.07	.15	1.00	.06		.33	.08		.02	.08	57	.25	.11			.05		4.26
Uniontown	Fayette		.25	.06	.05	.72									.36		.13	.97	T.		.16	.36			.02	.67	T.	.03					3.78
Waynesburg	Greene		.66			.65									.44		*	.99			.15	.17			.13	.77	.03						3.99
BEAVER																																	
Beaver Falls[2]	Beaver	T.	.34	.28	T.	.78	.02								T.	.70	.09	.64	T.	T.	T.	.27	.25		.07	.74	.44	.05					4.67
Butler	Butler		.35	.11	.06	1.06									.90		.02	.51	.03	.03	.08	.52			.05	1.04							4.76
Farrell[2]	Mercer	.10	.34	.22		.56	T.									.19	.05	.57			.07	.26			.32	.09	.26	.11					3.14
Greenville	Mercer		1.00	.01	.26	.20	T.								.10	T.	.06	.60		.01	.15	.18			.14	.23	.09	T			.03		3.06
Jamestown[2], 2 NW	Mercer	.17	.37	.47		.33	T.									.04	.01	.56		.01	.01	.17	.13		.09	.17	.09	.20					2.82
Mercer Arpt.[3], 2.5 NE	Mercer	.02	1.06	.01	.95	.01								T.	.13	.02	.34	.26	.01	T.	.08	.30		.09	.05	.64	.06				.08		4.11
New Castle, 1.5 N	Lawrence		.65		.50	.69									.35		.10	.58		T.	.24	.13		T	.14	.93	.15	T.			.03		4.49
Pennline, 2, 1 S	Crawford	.14	.26	.50		.27	.02										.03	.63		T.	T	.18	.09		.12	.67	.06	.85					3.82
OHIO																																	
Claysville[2]	Washington	.06	.32	.17		82	T.									.60	.27	.59		.03		.28	T.		.04	.47	.33	.05					4.03
Coraopolis[2], 1 E	Allegheny	.04	.34	.40		.88	.02								T	.42	.12	.43		.02	.04	.12	.12		.04	.44	.43	T.					3.86
Midland[2]	Beaver	.07	.33	.20		.90	T.									.77	.14	.80		.02	T.	.09	.15		.07	.56	.39	.02					4.51
Mt. Lebanon[6]	Allegheny		.48		.75	.13									.47	.16		.55	.05		18	.07		T.	.10	.88	.08	.03			.19		4.12
Washington[1, 5]	Washington	.03	.32	.03	.77										.58	.22		.45	.01		.36	.03			.10	.67					.10		3.67
LAKE DRAINAGE																																	
Albion[2]	Erie	.26	.26	.50		.35	.14											.46	.02	.12		.08	.12		.12	.39	.05	.49					§3.36
Erie[1, 5]	Erie		.83	.03	.54	.13								.01			.07	.29		T.	.18	.15	T.	.10	.61	.08	.48	.06		T.	.06		3.62
Raymond[1, 5]	Potter																					.01	.38			.13	.69	.20		.03		.25		§§

[See page 32 for explanation of reference marks.]

Daily Evaporation(inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Hawley, 1 S	Evaporation																																
	Wind movement																																
Jamestown[2], 2 NW	Evaporation						.024	.156	.176	.164	.170	.156	.202	.168	.178	.056	.076	.148	.202	.094	.100	.016	.126	.096	.120	.004	.034	.106	.032	.116	.078		3.358
	Wind movement						119	59	47	55	27	46	41	41	83	43	68	112	99	97	71	33	69	44	62	42	24	128	57	33	56		*1,557
Neffs Mills[2], 3.5 NE	Evaporation																																
	Wind movement																								103	*	*	*	253	49	72		§§

Italics mean minus quantity. [See page 32 for explanation of other references.]

Daily Temperatures for April 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum..	69	78	61	69	67	56	65	71	77	....	83	79	78	....	....	75	60	51	55	..	50	50	71	65	62	55	51	51	54	50	....	63.6[d]
	Minimum..	47	56	53	53	31	29	38	49	41		54	61	....	44	....	43	48	37	31	....	33	29	35	52	45	37	34	26	28	34	....	41.1[d]
Allentown Arpt.[3-4] NE..	Maximum..	72	68	69	50	53	56	61	70	75	80	72	72	84	80	66	52	70	65	58	56	58	55	61	68	59	72	52	58	59	63	....	64.5
	Minimum..	44	51	50	42	35	31	29	32	37	37	42	54	48	52	43	46	49	42	35	32	39	32	28	45	48	46	42	37	32	43	....	40.8
Allentown /.....	Maximum..	73	70	69	60	51	56	61	69	70	77	72	72	84	80	64	60	70	65	50	57	59	55	60	68	59	73	51	58	57	64	....	64.5
	Minimum..	46	47	51	44	44	31	31	32	36	37	40	45	50	51	46	46	46	45	39	36	38	35	29	34	49	47	43	43	33	39	....	41.1
Altoona-4.5 W....	Maximum..	70	67	64	66	56	53	62	70	75	77	75	78	83	74	60	59	67	62	54	53	60	56	61	57	64	72	64	59	60	59	..	64.6
	Minimum..	39	50	52	44	31	26	29	32	37	40	41	51	51	54	53	41	49	36	32	30	35	30	32	45	52	46	36	34	33	34	....	39.8
Arendtsville[6]	Maximum..	72	63	78	60	58	58	62	69	73	74	74	76	84	79	63	55	65	66	59	58	67	63	63	57	63	72	60	63	58	63	....	65.8
	Minimum..	38	53	56	48	35	26	26	32	40	39	46	56	50	55	48	46	50	39	34	32	36	34	31	48	52	47	40	32	35	39	....	41.4
Berwick/.....	Maximum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Bethlehem[1]	Maximum..	72	70	69	55	49	56	60	70	73	75	68	69	81	76	62	50	69	64	56	56	56	52	61	68	56	71	47	56	56	63	....	62.9
	Minimum..	47	50	53	43	36	32	34	36	42	40	44	53	50	50	42	43	47	45	38	40	40	36	33	48	50	50	43	40	36	47	....	42.9
Bradford-4 W.....	Maximum..	65	68	68	66	59	50	64	71	76	80	80	83	81	79	55	56	63	62	51	52	47	49	64	66	60	66	61	51	49	58	....	63.3
	Minimum..	39	46	40	35	27	23	26	27	30	33	37	44	41	44	26	44	50	30	28	35	31	27	24	45	49	41	29	30	30	38	....	35.0
Brookville[3]	Maximum..	67	69	59	69	40	52	63	70	75	80	77	80	81	55	61	60	63	58	53	47	53	55	68	69	64	71	39	56	49	59	....	61.9
	Minimum..	39	54	42	40	28	25	27	29	31	36	34	49	45	44	37	48	34	29	31	31	29	28	32	50	51	36	33	32	29	36	....	36.3
Burnt Cabins[1-2] NE....	Maximum..	72	65	68	64	59	57	60	70	76	78	77	80	83	78	64	52	70	66	59	58	66	60	62	58	68	74	50	61	63	66	..	66.1
	Minimum..	39	52	48	46	33	25	28	32	36	36	38	56	50	54	48	47	50	34	32	29	33	33	32	48	52	46	38	36	31	32	....	39.8
Butler.....	Maximum..	71	68	77	74	75	43	59	68	74	79	81	82	83	82	68	70	74	61	51	53	57	64	63	72	76	75	75	51	55	56	....	67.9
	Minimum..	33	50	43	46	33	26	32	30	42	38	35	48	45	45	47	45	59	33	33	35	30	35	52	55	49	38	33	34	35	....	....	39 9
Canton /-1 NW	Maximum..	68	61	60	51	42	52	58	68	72	80	77	80	81	61	52	54	67	59	57	56	51	48	60	52	56	68	44	51	42	56	....	59.5
	Minimum..	41	43	47	37	31	24	27	35	41	42	48	54	52	54	31	34	46	37	29	31	34	28	25	34	45	47	35	32	35	37	....	38.0
Carlisle.....	Maximum..	78	70	74	70	55	58	70	70	73	75	74	76	83	80	67	74	65	68	63	55	63	60	62	60	58	70	68	63	57	63	..	67.4
	Minimum..	40	50	54	45	40	28	25	30	35	35	40	54	48	53	44	60	47	36	34	30	33	30	26	45	48	42	30	35	32	40	..	39.6
Chambersburg[6-1] SW..	Maximum..	71	67	75	64	59	56	60	70	75	78	75	78	82	77	64	53	66	66	60	59	67	64	61	56	64	76	56	63	63	66	....	66.4
	Minimum..	43	53	57	48	36	27	30	31	39	38	42	54	50	54	48	47	51	38	34	32	35	33	33	48	52	47	40	33	35	35	....	41.4
Clarion[6-3] SW	Maximum..	68	74	61	72	60	55	65	72	77	81	79	82	83	76	62	65	65	57	56	49	58	57	67	72	67	74	50	61	52	61	....	65.9
	Minimum..	35	51	43	41	29	22	26	28	36	35	35	44	44	48	34	48	53	31	31	32	36	27	31	49	53	47	35	29	29	36	....	37.1
Claysville/.....	Maximum..	68	76	64	74	42	54	65	74	78	80	79	81	80	58	65	80	63	56	55	56	65	58	71	73	71	78	48	57	56	59	....	66.0
	Minimum..	42	53	47	47	36	20	21	31	37	40	38	40	51	53	44	45	54	32	25	27	38	25	28	35	49	49	37	27	32	33	....	38.0
Coalport/.....	Maximum..	73	68	63	68	40	54	55	73	77	81	78	85	83	59	60	68	65	58	55	48	58	56	65	58	56	60	48	60	54	60	....	62.9
	Minimum..	38	54	52	41	31	28	24	24	29	30	33	22	45	45	39	46	47	30	30	29	35	29	27	27	48	40	36	33	29	31	....	35.1
Coatesville[6]	Maximum..	72	76	72	62	60	55	62	70	73	75	73	75	83	84	66	52	71	65	57	61	64	57	61	68	63	75	57	60	61	64	....	66.5
	Minimum..	46	51	59	47	40	31	30	33	40	39	49	58	49	58	47	46	49	48	40	38	41	35	31	46	51	50	44	39	52	45	....	44.4
Columbia.....	Maximum..	76	75	77	69	61	59	63	73	78	78	74	77	86	82	64	62	68	69	62	61	68	62	65	65	61	76	63	63	65	64	....	68.9
	Minimum..	44	51	55	48	43	30	28	31	38	36	37	51	49	54	48	46	48	45	38	39	37	35	28	46	51	45	44	37	34	41	....	41.9
Corry	Maximum..	66	71	58	69	61	52	64	70	75	80	80	80	80	74	58	64	61	58	53	52	48	49	68	68	67	69	47	49	48	56	....	62.8
	Minimum..	40	54	40	41	28	26	30	30	40	40	41	52	46	43	27	44	53	35	30	30	30	27	27	48	49	44	33	29	32	36	..	37.5
Coudersport..	Maximum..	68	66	62	62	57	58	65	72	77	81	81	82	82	80	57	52	65	64	54	52	48	60	58	65	65	70	67	54	52	59	..	64.5
	Minimum..	37	50	45	37	28	20	21	26	29	32	31	45	40	46	26	40	46	25	29	28	30	24	21	24	45	48	33	32	36	35	..	33.7
Curwensville[3-6] NW...	Maximum..	66	61	57	65	40	50	63	69	74	76	74	80	79	58	56	51	61	55	50	44	51	52	60	54	60	65	36	55	46	58	....	58 9
	Minimum..	36	50	43	40	24	19	30	37	39	44	46	51	52	42	34	43	33	30	28	33	27	26	29	44	48	32	30	30	28	32	....	36.0
Derry.....	Maximum..	77	76	62	74	68	54	68	75	80	83	81	84	84	80	66	66	59	60	56	52	63	58	72	74	69	76	43	59	56	59	....	67.8
	Minimum..	39	55	40	46	32	28	32	34	49	49	46	59	50	53	45	50	57	37	33	40	36	29	34	51	51	41	41	34	33	36	....	42.0
Donegal[1]	Maximum..	73	71	63	75	54	50	42	72	78	80	76	82	82	62	65	65	65	58	50	50	61	53	67	73	66	73	41	52	56	56	..	63.7
	Minimum..	36	51	43	47	29	21	25	29	38	45	44	50	51	51	44	47	46	29	30	30	36	26	33	48	50	38	33	28	32	29	....	38.0
Donora[1]	Maximum..	73	81	62	78	60	56	69	77	80	82	83	86	85	70	65	79	69	61	59	54	67	59	72	79	74	77	47	61	58	63	....	69.5
	Minimum..	43	57	51	51	33	29	36	38	42	46	43	56	55	53	48	54	46	38	33	41	43	32	40	56	59	44	39	34	38	40	....	43.9
Eagles Mere/.	Maximum..	75	65	64	55	43	55	63	62	75	77	78	77	80	66	55	55	64	60	54	53	47	47	62	62	55	72	42	51	49	56	....	60.6
	Minimum..	38	40	42	38	38	28	23	31	36	43	47	49	54	55	34	31	41	34	28	28	33	26	26	27	47	47	34	32	32	34	....	36.4
East Waterford[6-3] E....	Maximum..	68	59	63	57	54	50	57	64	70	73	70	72	81	72	55	51	61	60	52	49	56	52	57	52	54	66	59	55	52	56	....	59 9
	Minimum..	42	49	53	45	29	28	36	40	48	51	49	54	58	54	40	42	45	40	31	40	38	29	32	43	48	53	35	33	32	37	....	41.8
Ebensburg/.	Maximum..	68	67	57	67	35	49	62	70	73	76	74	76	80	62	60	56	56	62	55	48	58	59	63	57	63	69	37	49	45	55	..	60.3
	Minimum..	40	47	49	45	32	23	25	36	39	44	43	45	51	53	40	40	44	34	30	28	35	27	32	34	46	45	33	31	30	32	....	37.8
Emporium /-1 E.....	Maximum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Ephrata	Maximum..	73	71	73	69	60	58	62	71	75	78	76	75	85	83	66	65	69	68	65	60	62	59	63	64	59	74	60	62	59	63	....	67.6
	Minimum..	44	52	56	47	43	31	32	34	39	39	47	56	50	55	48	46	49	43	38	36	38	36	31	48	52	45	44	40	35	45	....	43.3
Erie[1]	Maximum..	68	76	45	71	42	48	66	70	74	81	85	78	81	53	44	74	63	48	49	51	50	46	58	67	60	55	42	50	50	55	....	60.0
	Minimum..	50	43	38	41	32	35	42	50	52	56	58	62	53	39	34	43	47	38	38	42	39	35	37	52	46	39	36	37	39	42	....	43.2
Everett[1-0.5] SW.....	Maximum..	72	65	67	70	62	55	62	70	76	78	73	80	88	73	62	52	70	65	58	56	70	60	61	55	67	76	50	59	61	61	....	65.8
	Minimum..	40	52	46	46	35	27	24	27	32	32	33	49	47	51	46	45	51	34	33	28	38	33	31	46	53	47	38	37	37	35	....	38.9
Farrell.....	Maximum..	71	71	64	72	67	56	69	74	81	84	84	84	84	82	61	79	78	64	57	57	55	55	70	74	73	73	57	57	56	61	....	69.0
	Minimum..	47	58	44	50	33	29	35	37	39	45	45	57	55	45	37	54	54	40	35	40	40	31	37	56	49	42	38	35	35	38	....	42.7
Ford City-4 S	Maximum..	70	74	75	75	65	53	65	73	76	81	81	81	82	81	62	74	65	63	55	55	66	55	71	73	70	74	66	57	61	60	..	68.6
	Minimum..	35	52	44	42	33	27	27	30	32	36	35	47	47	50	39	49	56	32	30	34	34	27	28	50	55	51	37	33	32	38	....	38.7
Franklin/.....	Maximum..	68	72	60	72	39	53	64	71	76	81	79	81	81	55	63	69	64	52	55	50	56	56	68	71	65	70	41	55	50	60	....	63.2
	Minimum..	40	40	42	43	34	27	27	29	32	34	38	38	49	49	34	35	51	34	34	34	35	31	32	35	54	47	36	32	31	32	....	37.0
Fredericksville-1 S.....	Maximum..	70	68	69	62	56	54	59	67	72	74	69	70	81	78	63	59	67	64	60	56	56	56	58	65	59	69	60	57	55	61	....	63.8
	Minimum..	38	49	54	41	39	27	25	29	34	33	41	48	47	52	43	43	46	37	33	29	32	32	25	24	48	45	40	45	31	43	....	38.4
Freeland..	Maximum..	67	65	61	53	52	50	67	71	75	72	71	80	83	57	57	51	61	59	53	52	49	48	59	57	57	68	57	50	50	55	....	60.2
	Minimum..	39	48	50	38	30	25	34	45	48	47	54	55	48	33	33	39	41	38	30	36	34	27	27	42	30	47	35	33	31	37	....	38.3
George School[6]	Maximum..	73	74	74	67	64	58	62	71	73	74	70	75	81	85	68	53	79	67	58	61	61	53	61	69	65	74	54	58	59	60	....	66.7
	Minimum..	45	52	57	43	40	30	30	31	37	40	50	55	53	54	47	47	49	47	37	40	40	36	29	44	51	50	46	42	36	36	....	43.1
Gettysburg.....	Maximum..	73	70	75	75	60	55	69	68	72	74	72	74	82	81	68	60	64	68	67	67	68	70	62	60	58	74	65	61	61	62	....	67.8
	Minimum..	48	54	58	50	43	31	31	33	40	40	64	57	53	56	50	48	51	42	48	37	40	35	35	49	54	47	44	36	38	40	....	45.1
Gordon.....	Maximum..	72	66	67	62	54	55	60	69	74	79	75	75	83	78	63	63	65	63	59	54	57	57	61	61	58	71	45	57	56	58	....	63.9
	Minimum..	40	50	52	43	38	29	27	29	32	32	36	51	47	50	40	42	46	35	40	30	32	32	24	47	47	41	39	38	33	40	....	38.7
Greensburg-2 S	Maximum..	73	77	63	77	70	54	66	73	78	81	79	82	82	78	65	73	65	61	55	55	64	56	73	75	69	75	55	57	55	60	....	68.2
	Minimum..	30	53	50	44	34	20	22	27	30	36	34	45	44	49	46	51	58	29	26	29	32	24	30	51	54	43	38	29	34	32	....	37.5
Hanover/.....	Maximum..	70	68	75	65	53	56	63	70	74	76	72	74	84	79	72	61	67	67	59	58	67	60	63	62	61	76	54	61	58	64	..	66.2
	Minimum..	45	54	50	43	31	33	37	40	43	48	50	54	58	50	47	48	44	39	41	41	35	36	39	50	51	43	35	38	40	....	....	43.9
Harrisburg Arpt.[1-3.5] S.	Maximum..	73	67	74	55	56	58	62	69	72	76	73	77	85	79	64	53	67	66	59	58	64	60	63	60	61	72	53	62	56	63	..	65.2
	Minimum..	46	53	55	50	37	34	32	38	41	42	46	57	55	58	48	48	50	45	39	39	39	37	32	48	52	47	42	39	35	41	....	44.2
Hawley-0.5 E.	Maximum..	72	61	63	53	52	54	61	73	78	80	83	80	85	75	61	52	67	65	56	59	52	52	64	64	58	75	55	47	56	61	....	63.8
	Minimum..	46	51	53	34	36	25	24	28	30	32	40	47	48	53	37	41	45	36	32	30	37	32	23	38	48	44	40	36	36	40	....	37.9
Hewitt-2 SW.....	Maximum..	74	75	73	72	60	56	64	72	75	76	75	80	87	81	67	56	70	68	60	58	69	61	63	61	70	77	73	61	64	62	..	68.7
	Minimum..	32	34	53	45	40	23	21	25	30	31	35	47	45	49	51	46	52	33	35	27	33	27	31	47	55	46	42	33	31	29	....	37.6
Holtwood[1]	Maximum..	73	69	71	63	63	56	61	70	73	75	72	72	81	80	64	54	68	67	58	61	65	58	63	63	62	71	58	59	57	60	....	65.6
	Minimum..	51	55	61	53	41	35	36	40	44	44	50	57	55	59	52	50	50	50	41	43	45	42	37	50	55	52	45	39	41	46	....	47.3
Huntingdon	Maximum	75	68	67	66	59	56	64	74	78	80	78	83	87	75	65	58	71	64	57	58	64	59	65	58	66	76	61	62	59	63	....	67.2
	Minimum..	48	53	56	43	36	29	24	29	33	35	35	54	50	53	46	49	52	33	36	28	30	31	27	48	53	48	41	38	32	37	..	40.2

Continued on page 31.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	72	70	70	75	61	53	66	74	78	81	82	81	81	79	64	65	65	64	54	55	62	56	58	71	68	66	66	58	59	59	...	67.1
	Minimum	37	54	46	49	29	23	33	40	48	51	48	59	56	53	41	48	54	36	31	36	36	28	36	50	53	43	36	31	34	37	...	41.8
Irwin	Maximum	69	77	75	76	63	58	65	74	80	84	84	83	83	83	64	73	70	64	56	56	63	57	72	75	75	75	69	55	56	58	...	69 6
	Minimum	37	54	47	47	32	26	30	32	38	40	40	53	52	51	45	50	52	35	31	36	38	28	32	53	56	49	38	32	33	36	...	40.8
Jamestown/-2 NW	Maximum	70	78	58	72	47	55	67	72	77	82	81	83	82	53	60	79	64	53	55	55	55	52	70	71	60	74	42	53	55	60	...	64.5
	Minimum	38	41	36	36	31	21	27	30	35	41	44	48	51	42	34	32	49	35	29	31	33	25	32	35	51	42	33	24	28	28	...	35.4
Johnstown/	Maximum	75	72	70	73	52	41	54	73	80	81	80	79	85	65	65	65	61	67	60	57	57	61	61	67	60	67	74	57	59	60	...	65.9
	Minimum	44	50	44	46	35	31	29	32	45	41	41	51	51	57	47	48	51	37	35	33	37	35	33	39	51	51	39	37	36	38	...	41.5
Kane[1]-1 N	Maximum	67	68	57	68	51	52	63	70	76	80	79	81	80	66	59	52	63	53	53	45	50	52	64	63	60	68	37	53	45	57	...	61.1
	Minimum	25	47	35	34	25	20	25	26	27	31	30	41	40	42	27	43	33	25	27	28	30	22	25	46	49	35	32	29	27	33	...	32.0
Lancaster	Maximum	79	72	76	74	67	59	61	71	75	77	75	73	85	82	71	63	69	70	69	62	66	63	62	66	65	73	65	64	63	65	...	69.4
	Minimum	42	51	54	47	41	28	28	31	35	34	41	50	46	50	47	45	49	40	33	34	34	33	28	46	51	45	43	37	33	37	...	40.4
Lawrenceville	Maximum	71	67	63	55	55	53	65	74	80	87	82	85	87	80	56	52	70	66	55	55	49	49	63	60	59	71	63	52	49	59	...	64.4
	Minimum	39	53	50	42	34	25	27	33	35	37	37	49	50	52	32	40	50	30	32	35	31	28	25	48	53	49	39	35	39	40	...	39.0
Lebanon /	Maximum	75	75	73	54	49	58	61	71	76	78	75	76	85	82	65	62	68	68	58	59	62	57	63	63	58	73	50	62	60	61	...	65.9
	Minimum	43	44	44	47	43	30	31	35	38	41	46	51	51	57	47	47	47	41	38	37	37	35	30	39	50	46	43	40	34	40	...	41.7
Lewistown/-2 SW	Maximum	75	...	69	67	48	57	68	...	76	79	76	82	88	73	62	...	71	65	58	56	68	...	65	58	62	72	51	64	...	64	...	67.0[e]
	Minimum	51	...	58	48	43	36	29	29	31	..	39	41	52	52	44	44	...	39	38	32	32	36	...	49	49	48	42	41	38	...	..	..	41.6[e]
Lock Haven[6]	Maximum	75	68	73	68	54	60	66	76	81	82	83	88	88	71	63	58	71	66	69	56	60	60	65	60	61	74	66	65	59	61	..	68.3
	Minimum	47	52	56	46	38	27	28	30	35	38	40	53	51	54	40	45	50	36	33	30	36	30	28	48	52	48	40	40	42	40	...	41.1
Marcus Hook[1]	Maximum	80	80	77	70	65	57	71	72	82	73	71	79	82	90	68	57	75	72	61	64	68	59	63	76	68	76	62	63	64	65	...	70.3
	Minimum	52	54	61	64	41	35	49	41	47	49	52	57	57	59	50	48	52	52	43	48	46	40	38	51	54	55	46	44	40	47	...	49.1
Martinsburg[3]	Maximum	70	64	70	64	59	51	59	70	75	77	72	78	80	67	60	51	63	57	53	50	59	54	60	55	63	70	45	55	56	57	...	62.1
	Minimum	44	52	49	46	32	27	32	34	43	45	46	54	54	53	45	45	50	39	33	34	35	30	32	46	53	45	36	35	34	37	...	41.3
Mauch Chunk-1 SW	Maximum	74	70	66	64	52	51	58	65	71	74	74	72	82	80	59	61	63	64	64	55	56	...	59	62	62	70	66	55	55	59	...	64.2[a]
	Minimum	45	50	52	42	40	29	24	27	30	30	40	51	48	52	41	45	46	38	33	29	...	32	25	43	50	44	41	40	32	42	...	39.3[a]
Meadville /-1 S	Maximum	67	74	56	70	39	54	64	70	76	80	80	82	79	52	60	72	61	52	54	52	50	54	68	70	59	71	41	51	52	58	...	62.3
	Minimum	40	42	39	39	34	24	26	33	33	38	38	50	49	46	30	33	51	30	31	31	34	26	32	38	53	45	36	26	30	32	...	36.3
Mercer[3]-2.5 NE	Maximum	65	73	52	68	38	51	62	68	74	78	78	79	78	52	58	71	60	48	52	49	54	51	67	70	60	68	40	51	49	55	..	60 6
	Minimum	39	46	39	36	27	26	32	37	41	47	49	58	52	39	33	48	41	33	30	35	30	29	35	50	44	34	30	31	31	33	...	37.7
Middletown[1]-1.5 W	Maximum	71	65	73	63	55	56	60	68	78	75	72	75	82	78	63	54	66	66	58	58	63	58	62	62	59	73	55	61	57	61	...	64.9
	Minimum	44	53	55	47	36	34	33	33	38	40	44	57	52	56	48	46	50	40	39	35	36	35	30	48	52	45	42	39	32	43	...	42.7
Midland[6]	Maximum	69	76	62	75	55	53	64	70	76	80	80	81	81	61	64	83	68	56	55	57	62	56	72	75	70	75	45	57	53	60	...	66.4
	Minimum	43	52	45	47	34	29	32	33	37	44	44	51	51	47	50	52	48	37	33	42	40	31	39	51	51	41	38	33	36	37	...	41.6
Montrose/-3 E	Maximum	69	60	52	52	43	50	57	68	72	76	78	75	80	59	52	56	64	60	51	55	46	44	59	58	54	69	39	40	48	54	...	58.0
	Minimum	40	43	48	36	38	22	25	34	38	44	49	50	54	55	32	32	41	36	29	31	34	27	25	30	45	48	36	30	30	35	...	37.2
Mt. Lebanon[6]	Maximum	70	70	60	74	57	55	66	73	77	80	79	84	83	68	61	78	65	59	56	55	66	56	71	77	69	74	45	57	54	62	...	66.7
	Minimum	41	54	46	51	30	24	36	38	48	51	50	58	54	49	43	48	48	36	31	42	41	29	39	52	53	42	37	31	35	35	...	42.4
Mt. Pocono[3]-2 N	Maximum	67	59	60	43	48	50	56	65	72	75	74	74	79	70	58	46	62	59	50	52	47	44	59	61	52	71	47	45	49	56	...	58.3
	Minimum	38	49	41	39	30	26	29	32	38	35	41	52	51	44	34	39	44	39	29	35	32	28	27	41	45	47	35	30	32	36	...	37.3
New Bloomfield	Maximum	73	71	72	68	54	57	62	67	75	78	75	77	85	82	67	60	68	66	60	58	62	60	63	64	57	73	73	62	63	63	...	67.2
	Minimum	42	50	52	45	39	28	25	29	36	33	33	54	47	52	43	46	47	34	35	29	32	34	26	46	50	43	40	38	30	38	...	39.2
Newburg[1]-3.5 NW	Maximum	70	64	73	56	57	58	60	70	75	77	77	80	82	76	62	52	68	66	58	56	64	58	62	56	64	77	52	62	62	67	...	65.4
	Minimum	42	54	48	50	32	32	30	32	39	40	44	52	50	56	50	48	48	40	38	36	36	36	32	50	51	50	38	38	32	38	...	42.1
New Castle-1.5 N	Maximum	68	76	64	77	65	56	63	72	77	79	80	80	82	82	60	77	75	62	57	53	60	53	70	74	72	71	49	56	56	61	...	67.6
	Minimum	40	55	43	44	31	27	30	33	39	40	39	48	50	48	37	49	57	36	33	36	40	27	35	35	54	47	39	32	31	34	...	39 6
Palmerton[1]	Maximum	70	64	66	50	53	55	60	67	72	74	70	71	82	77	64	50	65	65	67	56	57	53	59	65	59	70	54	55	56	60	...	62.9
	Minimum	43	50	50	43	35	31	30	32	37	37	44	55	52	51	43	46	49	42	45	35	38	35	29	49	51	48	42	40	32	43	...	41.9
Park Place[3]-1 NW	Maximum	66	59	63	49	51	50	54	63	70	73	72	69	79	69	56	46	60	57	50	50	52	47	54	57	53	64	41	51	49	52	...	57.5
	Minimum	42	48	43	39	28	25	33	37	46	50	50	55	56	41	36	39	46	34	26	37	32	28	29	42	46	41	35	34	32	37	...	38.9
Philadelphia Arpt [1]	Maximum	72	76	73	63	65	56	61	72	73	72	73	76	82	84	65	52	74	68	58	60	66	57	60	70	65	76	55	61	60	62	...	66.9
	Minimum	47	51	57	48	40	33	34	36	46	45	51	57	55	57	50	47	52	49	42	43	42	37	35	46	53	51	45	42	39	47	...	46.0
Philadelphia C.O.[1]	Maximum	72	75	74	63	64	58	62	72	73	71	72	76	81	83	66	52	73	66	58	59	64	58	58	65	65	73	53	60	61	62	...	66.4
	Minimum	51	54	57	47	39	35	42	42	50	51	51	57	56	57	50	48	52	50	44	44	44	40	39	48	54	53	46	42	42	50	...	47.8
Phila. Shawmont	Maximum	79	75	73	72	64	56	72	74	73	75	72	73	82	84	66	65	74	67	66	60	59	61	63	66	65	73	65	60	69	65	...	68.9
	Minimum	50	54	58	48	43	31	32	34	39	40	49	55	53	57	49	48	50	47	37	40	38	55	30	47	52	50	47	45	37	48	...	45.4
Philipsburg[3]-7 E	Maximum	67	60	61	57	49	50	59	67	73	75	72	76	80	62	56	47	64	56	51	46	54	53	57	53	60	67	41	56	52	57	...	59.3
	Minimum	38	50	39	45	26	25	34	34	44	41	36	54	49	45	33	48	38	31	27	28	30	27	30	44	47	36	32	32	33	33	...	36 9
Phoenixville-1.5 SE	Maximum	85	81	80	82	68	59	62	71	74	75	70	82	89	89	67	64	74	68	61	61	65	63	67	76	74	78	66	67	61	65	...	71.5
	Minimum	46	52	57	44	43	27	27	32	33	43	51	49	53	47	47	50	41	33	36	34	34	34	26	42	52	44	46	41	32	46	...	41.2
Pittsburgh Arpt Sta.[1]	Maximum	71	76	60	75	46	54	65	73	78	81	80	83	82	69	61	74	64	54	54	53	63	57	71	75	69	73	44	57	54	59	...	65.8
	Minimum	41	54	45	46	32	29	36	43	49	54	52	59	60	48	43	50	46	37	32	41	39	34	36	51	52	39	35	33	35	39	...	43.0
Pittsburgh City Office[1]	Maximum	70	76	62	75	45	55	66	73	77	82	80	85	84	67	60	77	67	58	57	56	64	57	72	75	71	75	45	58	54	62	...	66.8
	Minimum	46	56	47	45	33	33	39	41	44	50	48	61	57	49	45	54	50	41	37	45	40	35	39	56	53	41	39	38	38	42	...	44.7
Port Clinton/	Maximum	72	65	70	58	49	55	58	65	72	74	70	71	79	77	64	57	62	65	56	58	57	54	60	63	65	73	53	60	61	62	...	62.5
	Minimum	42	51	51	44	43	31	30	30	34	33	37	45	48	52	45	45	47	42	38	32	34	36	27	37	50	45	42	40	33	44	...	40.3
Putneyville-2.5 SE	Maximum	70	72	60	73	59	54	65	72	76	79	77	81	80	74	65	60	61	56	55	51	48	56	68	68	67	73	52	56	52	48	...	64.3
	Minimum	37	52	44	43	29	25	28	32	37	40	43	50	53	48	37	48	53	32	30	37	38	29	31	49	53	50	35	36	28	36	...	39.4
Quakertown-0.5 E	Maximum	70	71	68	64	57	54	60	67	71	73	68	71	82	80	62	62	71	64	62	58	56	56	58	68	68	72	59	56	58	62	...	64.9
	Minimum	43	57	55	42	40	27	28	28	33	33	40	51	45	52	44	44	46	41	35	31	35	34	26	43	48	46	42	40	30	40	...	40.0
Reading[1]	Maximum	73	71	74	56	59	57	62	72	75	76	72	72	84	83	65	52	70	67	58	58	61	58	62	66	60	74	56	61	58	63	...	65.8
	Minimum	47	54	56	45	38	34	40	36	43	43	48	58	54	55	48	46	49	46	40	43	41	37	34	50	52	49	43	42	38	47	...	45.2
Ridgway /	Maximum	69	69	63	70	39	55	65	73	78	83	82	85	85	59	65	59	62	57	56	48	54	57	66	64	67	71	41	59	47	62	...	63.7
	Minimum	34	33	48	38	34	19	19	23	28	29	31	31	42	42	31	31	47	26	25	28	31	22	23	30	50	51	35	30	28	34	...	32.4
Scranton[1]	Maximum	70	64	59	54	55	53	62	73	78	81	83	79	85	72	57	51	66	63	55	56	54	48	62	64	57	76	53	46	54	56	...	62.9
	Minimum	44	54	46	43	35	31	32	34	38	41	46	59	54	49	39	47	51	42	38	36	39	33	29	47	53	53	38	37	40	42	...	42.3
Selinsgrove	Maximum	72	68	69	69	56	56	59	73	75	79	76	75	82	80	61	61	67	68	61	56	61	56	59	57	60	72	66	61	59	61	...	65.8
	Minimum	44	51	55	43	40	26	29	30	34	35	39	51	50	54	39	48	48	36	32	32	34	33	26	47	52	44	41	31	39	43	...	40.2
Somerset	Maximum	70	68	67	70	63	52	63	69	74	79	75	81	79	76	62	56	65	59	52	50	61	56	63	64	65	71	60	54	59	57	...	66 7
	Minimum	35	49	48	43	31	24	29	25	29	32	32	46	44	46	46	45	51	32	30	26	35	28	29	46	53	44	35	31	29	39	...	36.7
Springs[6]-1 SW	Maximum	65	66	66	71	63	50	60	66	70	72	70	75	77	67	56	53	60	54	51	46	59	54	57	59	62	69	49	52	58	54	...	61.0
	Minimum	38	46	48	45	23	18	24	28	32	35	38	44	46	46	47	44	50	30	29	28	32	28	32	45	52	44	27	30	29	30	...	36.3
State College[1]	Maximum	71	64	67	57	59	54	61	71	76	79	76	81	84	66	61	52	67	59	55	52	58	57	61	57	62	69	45	60	50	61	...	63.1
	Minimum	45	54	50	48	32	29	38	38	44	47	50	59	55	54	40	49	50	36	33	36	35	31	35	48	54	43	39	37	40	44	...	43.1
Stroudsburg-2 E.	Maximum	74	74	71	70	53	58	62	71	78	79	82	75	85	85	69	68	70	67	67	59	56	56	62	68	68	72	69	55	59	64	..	68.2
	Minimum	42	52	53	40	43	29	25	29	33	33	42	52	49	54	43	47	47	39	31	30	36	34	25	42	50	54	45	40	32	44	...	40.5
Tamarack /-2 S	Maximum	67	59	65	53	36	55	61	71	79	77	76	80	83	58	57	51	60	54	53	51	48	51	58	52	55	66	36	57	44	58	..	59 0
	Minimum	40	43	49	41	31	24	25	34	42	46	49	50	54	55	30	31	41	35	28	29	35	25	27	30	43	48	32	32	31	34	...	37.1
Tionesta /-1.5 SE	Maximum	67	72	58	71	41	52	64	71	75	81	79	81	80	59	65	65	63	52	53	46	48	54	64	72	64	68	39	55	47	58	...	62.1
	Minimum	35	50	42	39	30	23	25	28	30	34	33	44	44	50	31	48	50	29	31	30	32	27	29	41	50	47	34	30	29	37	...	36.1
Titusville-2 S.	Maximum	66	72	69	68	61	52	64	70	75	80	80	80	79	77	64	68	61	61	53	51	49	53	68	70	68	69	61	52	51	58	...	65.0
	Minimum	39	52	40	39	29	24	30	38	35	48	47	52	49	44	30	47	54	32	28	33	30	25	32	48	54	44	34	27	29	32	...	38.2
Towanda-1 E.	Maximum	72	65	65	57	59	56	62	73	76	78	82	82	85	77	57	53	71	67	57	59	51	50	61	62	62	75	62	51	50	57	...	64.5
	Minimum	40	53	49	38	33	27	27	30	33	36	38	52	49	51	35	43	50	31	34	29	31	31	22	41	53	49	40	37	38	41	...	38.7

Continued on page 32.

Daily Temperatures for April 1945—Continued from page 31.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum..	78	80	68	78	71	58	70	77	82	85	86	86	85	80	68	75	70	66	59	55	68	60	75	79	71	78	60	57	62	63	...	71.7
	Minimum..	43	61	50	53	36	25	30	34	42	52	59	54	53	53	48	53	57	37	32	35	37	29	41	55	58	52	40	32	37	35	....	44.1
Vandergrift[1]	Maximum..	75	80	64	78	60	56	68	75	80	85	83	83	85	75	61	70	76	59	57	55	66	58	75	76	71	75	46	61	56	62	....	69.1
	Minimum.	39	56	52	48	34	29	30	33	35	40	41	54	50	53	43	54	52	37	35	38	39	31	34	54	55	45	41	36	38	42	...	42.3
Warren	Maximum..	66	70	55	67	55	52	65	71	77	83	81	84	80	72	60	61	62	53	53	46	45	50	67	66	59	67	47	52	46	59	....	62.4
	Minimum..	42	53	44	41	29	22	28	33	34	43	39	51	51	47	30	48	50	30	29	34	35	27	29	49	53	48	34	30	33	38	...	38.5
Waynesburg	Maximum..	69	75	66	74	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§§
	Minimum..	38	52	46	46	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§§
Wellsboro/	Maximum..	70	61	60	54	42	54	64	72	78	82	79	84	83	58	55	54	68	58	55	54	49	49	62	55	56	69	41	54	47	60	....	60.9
	Minimum..	38	38	52	42	36	26	24	28	29	31	34	34	46	48	30	30	46	28	30	33	29	28	21	25	47	42	37	35	35	37	....	34.6
West Chester	Maximum..	73	74	73	69	62	56	61	71	74	76	73	75	82	84	65	51	71	66	57	59	64	58	62	70	63	73	58	60	58	62	....	66.7
	Minimum..	45	51	57	46	36	29	32	37	44	45	49	57	52	58	47	45	48	45	37	39	39	35	31	45	52	50	43	39	37	43	....	43.8
Wilkes-Barre[3]	Maximum..	72	65	63	51	56	56	61	74	78	83	82	80	86	72	59	55	67	64	56	58	55	51	64	64	57	74	50	51	58	58	...	64.0
	Minimum..	41	54	44	43	33	30	30	34	38	40	44	56	53	46	40	46	50	37	35	35	36	29	27	45	52	50	41	38	39	41	..	40.9
Williamsport Arpt.[3-4 E]	Maximum..	71	66	67	56	55	56	62	69	74	78	77	79	83	65	60	52	69	61	57	56	51	52	59	58	57	71	45	57	52	60	..	62.6
	Minimum..	45	54	47	46	34	31	30	35	37	40	42	60	53	47	48	47	50	37	35	31	37	32	28	49	49	45	41	41	43	48	....	42.1
Williamstown	Maximum..	73	70	72	70	55	56	61	69	76	79	76	77	85	78	65	65	66	65	63	56	58	59	61	62	62	72	64	60	60	61	..	66.5
	Minimum..	45	50	53	45	39	29	28	31	34	35	38	56	47	63	43	45	46	38	36	34	34	33	25	46	50	43	40	39	35	42	..	40.7
Woodward[3-2 NE]	Maximum..	70	60	66	54	47	50	58	66	72	73	72	77	83	64	56	46	64	58	52	47	54	52	56	52	54	65	37	58	43	56	....	58.7
	Minimum..	42	49	52	43	26	26	35	38	46	49	50	54	57	41	34	42	43	34	29	38	31	28	28	42	48	38	33	33	34	34	....	39.1
York-3 SW	Maximum..	74	74	77	75	64	59	63	72	76	77	79	79	86	85	70	64	68	68	68	62	66	65	66	65	62	72	68	63	65	65	...	69.9
	Minimum..	41	57	56	47	43	27	30	32	36	36	41	51	49	53	50	47	51	38	33	40	36	32	29	49	54	46	44	33	33	37		41.7

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.59	6	29.40	26	9.4	28	se.	16	77	62	74	59	419
Harrisburg	30.67	7	29.46	26	9.0	34	nw.	27	75	54	61	61	320
Philadelphia	30.70	7	29.50	25	9.4	37	w.	14	80	48	63	56	264
Philipsburg	30.59	7	29.47	26	13.0	35[a]	se.	16	80	57	65	....	508
Pittsburgh	30.61	6	29.45	26	11.3	47	nw.	4	75	47	56	58	333
Reading	30.70	7	29.49	26	12.6	59	nw.	14	74	50	55‡	60	292
Scranton	30.67	7	29.46	26	7.3	33	nw.	21	83	61†	....	40	384

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.0	6.9	6	2.8	22†	18
Easton	Delaware	5.0	10.0	6	2.8	25	22
Lehighton	Lehigh	4.2	5.6	6	3.6	25	9
Reading	Schuylkill	5.2	7.8	6	4.1	25	13
Wilkes-Barre	N. Br. Susquehanna	6.5	10.9	28	3.9	23	22
Williamsport	W. Br. Susquehanna	5.3	9.5	27	3.4	22	20
Newport	Juniata	5.9	8.6	6	4.8	17	22
Harrisburg	Susquehanna	5.2	7.0	8	4.3	25	17
Schenley, (nr) Lock No. 5.	Allegheny	16.2	23.7	6	13.8	25	24
Sutersville	Youghiogheny	5.1	7.5	6	4.2	14	20
Charleroi (nr.), Lock No. 4	Monongahela	13.6	16.8	6	12.0	16	30
Pittsburgh	Ohio	*	19.1	6	*	.....	25
Midland, Dam No. 7	Ohio	*	24.4	6	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Hawley, 1 S.	"	Wallenpaupack Dam (Evaporation)
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Shaver Creek (Evaporation)
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—7-9-45—975)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

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UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

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GENERAL SUMMARY.

There was plenty of action in May, although the weather held to the pattern set the latter half of April, with wet, cool, and somewhat dismal conditions. The contrast between the pleasant start spring had in March, and its close in May, was very marked, but the three months averaged about 7° above normal, due to the impetus of the warm March. These same months were more than 2 inches too wet for normal.

May opened with a moderate snowstorm in the north-central counties, and someone aptly remarked that "it was a short summer." Heaviest fall was 9.5 inches at Kellogg Mountain Fire Tower, Bradford County, but traces were reported southeast to Berks, Dauphin, and Perry Counties. Cold air associated with the snow caused some damage to vegetation, as temperatures were below freezing the following morning. Two days later, light snow was again reported from north-central counties.

Mr. Dixon R. Miller, observer at the East Waterford Airway Station, taking an observation at 3:36 a.m. EWT, May 4, under leaden skies, noticed "a mysterious early morning flash which lit up the sky as bright as a very close lightning discharge. First it appeared not as a flash, but more slowly as that of an approaching meteor disintegrating upon entering the earth's atmosphere. Then, there were two or three consecutive flashes as of a meteor splitting up and exploding. Heavy fog obscured the sky and diffused the light over the entire hemisphere. The display had a greenish hue, and was about three seconds duration." Mr. Miller observed a bolide, or disintegrating meteor, falling to earth at some point, probably east of the Jersey Coast, the noise of which was plainly heard in the Philadelphia area.

The first decade of the month closed with 2 to 4 inches more snow at some stations in north-central counties, helping to make this the snowiest May since 1923. Frost and freezing temperatures were reported on the 11th, but warmer weather set in with above-normal temperatures continuing through the 18th. Thunderstorms, some very heavy, occurred during this helpful warm spell. On the 15th, a storm of cloudburst proportions sent streams over their banks in northern Berks County, and on the following day, a circus tent collapsed during a windstorm at Greensburg, but 3,500 spectators escaped unhurt.

The observer at State College, Dr. Hans Neuberger, Chief, Division of Meteorology at the College, reported the details of a tornado which struck Centre County on May 17, between 3:30 and 3:45 p.m. EWT, and caused about $100,000 damage. The first evidence was found 1.5 miles east of Boalsburg, then traveling northeastward, passed through Center Hall and ended 1.5 miles southwest of Penns Cave, a path 9 miles long. No loss of life occurred, but there were some minor injuries. Two farm houses and three barns were leveled with many other structures damaged.

A cold front, moving eastward on the 22d, set off violent thunderstorms, attended by high winds, causing widespread damage across the state. Two days later, killing frosts occurred in the mountains. On the 28th, another cold front crossed the state with attending thunderstorms. Hail and heavy rains contributed to damage in this series of storms.

The fine start vegetation and farm work achieved at the beginning of the season was mostly overcome by the cool, wet weather of May, and frosts, which have wiped out many fruit crops. Much replanting was necessary. Sunshine and warmth are needed badly.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 83 stations was 55.7°, which is 4.0° below the 58-year normal for May. The highest monthly mean was 75.3° at Phoenixville, and the lowest was 36.1° at Kane. Extremes ranged from a maximum of 91° at Phoenixville on the 15th and 16th, and Hewitt on the 21st, to a minimum of 18° at Kane, on the 2d.

PRECIPITATION.

The average precipitation for the State as deduced from the observations at 202 stations was 5.12 inches, which is 1.20 inches above the 58-year normal for May. The greatest monthly amount was 8.49 inches at Millersburg, while the least was 2.65 inches at Holtwood. The greatest amount recorded in any 24 consecutive hours was 2.62 inches at Claysville on the 16-17th.

The average snowfall for the State was 0.3 inch, which is 0.3 inch above the 58-year normal. The greatest monthly snowfall was 16.0 inches at Monroeton. The greatest fall for any observational day was 9.5 inches at Monroeton on the 1st.

ERRATA

April, 1945.—Page 26, Bradford, total snowfall should be 0.8 inch. Montrose, mean temperature should be 47.6°. Mt. Pocono, mean temperature should be 47.8°.

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more pre.	Clear	Partly cloudy	Cloudy
1888	57.3	91	24	4.24	T.	16	4	11	16
1889	60.4	96	25	5.91	0	11	11	9	11
1890	58.5	89	23	6.71	0	15	7	11	13
1891	57.3	93	20	2.12	0.2	8	10	10	11
1892	58.5	91	28	5.70	0	16	7	10	14
1893	57.9	93	26	5.54	0	12	11	8	12
1894	60.8	92	27	8.88	0	16	9	8	14
1895	60.6	102	22	2.68	0	9	13	10	8
1896	65.4	98	31	2.85	0	10	10	12	9
1897	57.7	88	25	5.24	T.	12	11	10	10
1898	60.0	94	22	5.11	0	15	8	9	14
1899	61.1	100	24	3.82	0	11	10	11	10
1900	60.4	96	20	2.79	T	9	13	9	9
1901	58.9	91	28	5.56	0	15	8	9	14
1902	59.8	95	25	1.96	0	8	13	11	7
1903	61.8	94	18	1.67	0	7	16	9	5
1904	61.6	94	21	3.78	0	11	12	10	9
1905	60.8	93	22	2.59	0	12	11	9	11
1906	60.0	99	23	3.23	0	10	12	10	9
1907	54.8	91	19	3.08	0.1	11	11	9	11
1908	61.2	96	22	6.28	0.3	15	10	10	11
1909	59.2	92	23	2.90	0.1	10	12	10	9
1910	56.8	88	24	3.38	0	12	11	10	10
1911	65.2	99	20	1.97	0	7	17	10	4
1912	61.2	91	28	3.15	0	11	14	8	9
1913	58.5	93	21	3.86	0	10	13	8	10
1914	61.5	96	19	3.34	0	9	16	9	6
1915	56.2	84	21	4.16	0	14	10	8	13
1916	61.0	93	26	3.19	T.	13	12	11	8
1917	53.3	90	20	3.39	T.	13	9	10	12
1918	65.1	95	21	5.04	0	14	13	12	6
1919	59.5	98	27	5.80	0	14	13	7	11
1920	56.6	92	18	2.02	0	8	17	8	6
1921	59.8	93	22	3.93	0	11	14	8	9
1922	62.5	96	20	3.21	0	10	15	8	8
1923	58.3	93	20	3.50	0.6	8	19	6	6
1924	54.6	92	18	5.71	0	17	9	9	13
1925	55.2	98	22	3.49	0.2	11	13	10	8
1926	58.8	95	18	1.78	0	8	17	10	4
1927	58.2	92	23	4.14	0	16	9	9	13
1928	58.0	95	20	2.23	0	10	15	9	7
1929	58.5	97	23	4.81	T	14	13	9	9
1930	61.2	99	25	3.03	0	10	15	8	8
1931	59.8	98	19	5.28	T.	15	13	9	9
1932	59.8	98	21	3.69	0	10	15	8	8
1933	62.2	94	24	5.86	0	18	8	10	13
1934	62.2	98	22	2.51	0	8	18	8	5
1935	56.0	92	21	3.00	0	10	13	8	10
1936	62.8	96	24	2.09	0	7	19	8	4
1937	60.7	96	24	3.39	0	11	14	10	7
1938	58.8	93	20	3.85	0	13	11	9	11
1939	62.8	99	20	1.58	T.	7	16	10	5
1940	59.2	93	22	4.46	T.	16	9	9	13
1941	61.3	102	21	2.25	T.	9	15	9	7
1942	62.5	99	22	5.88	0	12	10	10	11
1943	60.4	93	19	6.08	T.	18	6	11	14
1944	65.6	95	27	4.28	T.	12	12	11	8
1945	55.7	91	18	5.12	0.3	12	9	10	12
Period	59.7	102	18	3.92	T.	12	12	9	10

Climatological Data for May 1945

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	57.0	−3.5	85	22	35	2	4.36	+0.86	1.14	10	0	15	7	11	13	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	55.6	−3.6	85	21†	25	2	5.86	+1.78	2.02	17	0	14	13	11	7	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	57.2	.....	84	15†	22	2	5.93§	.....	2.13	17	0	13	14	5	12	w.	Penna. Turnpike Comm
Carlisle	Cumberland	473	77	58.0	−3.8	85	15	27	2	4.10	+0.29	1.03	16-17	0	12	20	1	10	nw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	58.0	−3.6	84	15	26	2	4.82§	+1.13	1.04	16	0	14	17	7	7	s.	Charles A. Bender.
Coatesville	Chester	431	58	60.0	−1.5	85	15†	35	2	4.45	+0.55	1.06	10	0	13	9	8	14	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	3	50.4	.....	82	21	23	2	6.02	.....	1.73	16-17	0.6	16	2	15	14	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	50.8	.....	78	22	30	2†	7.14	.....	1.03	28	4.0	18	8	10	13	sw.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	54.0	.....	80	21	31	2	5.27	.....	0.90	16	T.	18	5	11	15	nw.	U. S. Weather Bureau.
Emporium‡-1 E	Cameron	1,100	59	53.2§	−4.8	88	21	23	2	5.75	+1.40	1.54	16-17	.....	18	13	3	15	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	60.6	−1.3	87	22	36	2	4.84	+1.43	1.04	10	0	18	8	16	7	ne.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	56.6	−3.3	90	21	24	2	4.46	+0.84	1.33	17	0	15	12	9	10	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	53.8	−3.0	79	22	30	1	4.48	+0.39	1.25	1	T.	13	5	1	25	s.	Andrew B. Evansha.
George School	Bucks	184	39	59.2§	−2.1	.....	.....	38	12	4.38	+0.91	1.13	10	0	14	17	5	9	w.	N. W. Swayne.
Gettysburg	Adams	500	72	60.2	−1.7	84	15	31	2	4.28	+0.36	1.06	26-27	0	14	16	5	10	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	56.1	−2.3	83	15†	30	2	6.96	+2.72	1.17	15-16	T.	17	12	6	13	sw.	Miss Sallie M. Johnson.
Hanover	York	600	41	59.8	−3.6	87	15	35	2	3.65	+0.23	0.86	17-18	0	16	14	5	12	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	59.7	−2.1	87	15	37	2	5.26	+1.82	1.53	16-17	0	14	6	12	13	w.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	35	54.6	−2.9	86	22	31	6†	5.88	+2.22	1.08	10	T.	15	12	13	6	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	60.2	−3.1	82	15†	41	2†	2.65	−0.17	0.57	28	0	15	13	9	9	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	58.2	−2.3	89	21	26	2	4.28	+0.13	0.95	16-17	0	16	10	10	11	nw.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	58	59.3	−2.0	86	22	33	2	3.91	+0.60	0.89	10	0	15	17	7	7	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	54.6	−3.0	85	21†	32	2	6.02	+2.25	1.18	17-18	4.0	13	9	11	11	n.	Carlos P. Darling.
Lebanon	Lebanon	469	61	58.4	−2.9	87	15	35	2	7.06	+3.22	1.73	28	0	18	13	10	8	w.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	7	56.4[d]	.....	88	15†	29	2	6.41	.....	1.20	17-18	0	15	11	9	11	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	58.4	−3.4	89	21	29	2	6.21	+2.19	2.27	16-17	0	17	12	6	13	e.	William R. Kelley.
Marcus Hook‡‡	Delaware	12	19	63.5	−2.7	88	15†	40	2	4.71	+1.59	1.20	17-18	0	14	17	2	12	s.	Sun Oil Co.
Martinsburg	Blair	1,493	3	55.0	.....	84	21	26	2	4.07	.....	1.12	16-17	0	15	2	17	12	w.	U. S. Weather Bureau
Montrose-3 E.	Susquehanna	1,176	40	53.5[k]	−1.7	81	22	34	2	3.71	−0.19	.....	.....	.....	17	7	10	14	. . .	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	50.9	.....	80	22	31	10†	6.74	.....	1.18	16-17	1.0	15	2	24	5	s.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	56.7	−3.3	85	22	36	2	4.31	+0.63	0.97	10	0	14	15	5	11	s.	New Jersey Zinc Co.
Philadelphia Airport	Philadelphia	10	4	60.2	−1.9	86	22	39	2	3.85	+0.59	0.95	10	0	12	6	13	12	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	50.2	.....	83	21	22	2	7.36	.....	1.67	16-17	T.	16	4	11	16	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	36	60.7	−1.6	91	15†	31	2	5.55	+1.60	1.05	28	0	17	17	4	10	w.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	56.2	−4.9	81	22	35	2†	6.93	+2.79	1.57	26-27	0	17	15	10	6	.....	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	58.1	−1.6	84	15†	32	2†	4.89	+1.06	1.25	10	0	16	15	9	7	w.	John E. Benner.
Reading	Berks	273	75	59.9	−2.0	86	15	38	2	4.79	+1.12	1.20	10	0	15	10	9	12	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	56.4	−3.0	87	22	36	11	5.78	+2.51	0.95	17-18†	T	15	6	15	10	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	57.8	−3.0	82	15†	34	2	5.91	+1.87	1.10	17	0	15	6	14	11	sw.	Dr. George E. Fisher.
State College	Centre	1,217	60	56.1	−2.9	86	21	29	2	6.09	+2.04	1.64	28	0	15	9	9	13	nw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	58.2	−1.5	86	22	34	2†	5.57	+2.07	1.44	10	0	18	10	8	13	nw.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	5	50.9	.....	86	21	28	2	6.76	.....	1.73	17	0.3	17	7	12	12	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	55.4	−2.4	85	22	33	1†	4.97	+1.59	0.91	3-4	2.2	15	7	8	16	n.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	51.3	−5.2	85	21	28	2	6.50	+2.71	1.51	17-18	4.0	18	6	11	14	s.	M. S. Bliss.
West Chester	Chester	440	96	59.2	−1.8	85	15	35	2	4.99	+0.74	1.90	17-18	0	16	12	11	8	sw.	Clyde T. Saylor.
Wilkes-Barre ‡‡	Luzerne	544	7	55.8	.....	86	22	35	11	5.94	+2.79	1.57	28	0	12	4	11	16	.....	Civil Aeronautics Authority
Williamsport Apt.-4E	Lycoming	520	1	56.0	.....	85	22	37	2†	6.01	.....	1.03	1	0	16	1	17	13	se.	U. S. Weather Bureau.
Williamstown ‡‡	Dauphin	775	29	57.4	−3.1	84	15†	31	2	7.66	+3.69	1.73	16-17	0	15	6	15	10	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	52.0	.....	82	21†	30	2	5.86	.....	2.02	16-17	T.	15	4	8	19	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	61.1	−0.8	89	15†	31	2	5.08	+1.62	1.61	28	0	13	15	7	9	sw.	York Water Co.
Division mean				**56.7**	.....	**91**	**15†**	**20**	**2**	**5.38**	.....	**2.46**	**16-17**	**0.4**	**15**	**10**	**10**	**11**	w.	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	28	51.9	−3.7	84	21†	21	2	5.05	+1.25	0.85	16-17	1.7	18	3	10	18	w.	City Water Dept.
Brookville	Jefferson	1,400	55	51.4	−4.4	83	21	22	2	5.09	+1.36	1.50	16-17	0	16	2	13	16	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	32	56.4	−3.5	87	22	32	20	4.27	+0.67	1.15	16-17	0	17	10	12	9	nw.	Butler Eagle.
Clarion‡‡-3 SW	Clarion	1,114	35	54.3	.....	87	21	22	2	4.46	+0.72	0.82	10	0	18	6	9	16	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	53.8	−7.0	83	16†	28	2	5.38	+1.59	2.62	16-17	0	13	12	8	11	nw.	Walter B. Paget.
Corry	Erie	1,410	31	51.8	−3.4	83	21	21	2	4.16	+0.29	0.75	17-18	T.	18	11	7	13	nw.	J. Fred Kinley.
Coudersport‡‡	Potter	1,653	21	52.0	−4.5	85	21	21	2	7.78	+3.44	1.39	10-11	.....	15	5	13	13	ne.	Potter Enterprise.
Derry	Westmoreland	1,150	48	56.4	−4.4	87	21	21	2	5.23	+1.27	1.00	10	0	17	11	15	5	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	53.4	.....	84	16†	22	2	4.72	.....	1.46	10	T.	19	9	14	8	w.	Penna. Turnpike Comm.
Donora‡‡	Washington	761	19	59.4	−3.7	89	16	30	2	3.90	+0.81	0.86	10	0	15	10	11	10	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	53.2§	−3.3	.....	.....	23	2	5.70§	+1.31	1.28	17-18	0	16	9	6	16	nw.	Miss Emma H. Eastman.
Farrell	Mercer	855	32	58.7	−1.3	89	21†	28	2	3.99	+0.66	1.58	16-17	0	13	15	6	10	ne.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	2	53.5	.....	84	21	26	2	3.83	.....	0.96	10	0	15	14	0	17	w.	U.S. Engineers.
Franklin	Venango	987	71	52.9	−4.7	84	21	25	2	3.98	+0.34	1.03	16-17	0	16	13	8	10	n.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	36	55.8	−4.7	85	16	23	2	4.19	+0.15	1.04	10-11	0	15	14	6	11	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	55.0[d]	−4.8	85	21†	29	2	5.01	+0.53	1.09	10	0	16	12	13	6	w.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	52.2	.....	84	21	22	2	3.90	+0.40	0.93	16-17	.....	16	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	57.4	−3.6	90	22	28	2	4.48	+0.04	1.35	15-16	T.	15	9	5	17	nw.	Johnstown Tribune Pub. Co.
Kane-1 N.	McKean	1,750	30	49.4	.....	85	21	18	2	5.29	+0.79	0.89	10	2.3	16	7	7	17	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	52.2	−4.8	84	21	25	2	4.30	+0.26	1.28	12-13	T.	17	3	14	14	sw.	City of Meadville.
Midland	Beaver	780	9	56.1	.....	84	21	30	2	3.94	.....	0.89	16-17	0	17	9	13	9	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	56.7	−3.0	86	16†	27	2	3.76	+0.29	1.40	16-17	0	14	6	18	7	w.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	56.4	−3.8	85	21	32	2	5.06	+1.85	1.65	16-17	0	15	3	18	10	nw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	54.3	.....	84	21	24	2	4.75	.....	1.16	16-17	0	17	4	14	13	nw.	U. S. Engineers.
Ridgway	Elk	1,385	38	51.3	−4.6	87	21	21	2	5.29	+1.34	0.89	4-5	T.	18	12	2	17	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	53.8	−2.9	85	16	20	2	4.29	−0.55	1.34	10	T.	17	4	9	18	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	51.7	−3.8	81	16†	23	2	5.44	+1.24	1.66	10	1.0	17	5	10	16	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	52.2	.....	85	21	24	2	3.70	.....	0.64	12-13	0	19	13	2	16	w.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	53.4	.....	82	21	20	2	3.79	.....	0.88	16-17	0.2	19	3	17	11	w.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	59.0	−3.1	87	16	29	2	4.10	−0.01	1.05	10	0	16	11	11	9	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	57.2	−3.9	88	21	28	2	3.72	+0.14	0.90	10	0	12	5	21	5	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	57	52.4	−4.2	75°	16	26	2	3.04	−1.16	0.74	12-13	0	15	13	10	8	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	55.4	−5.8	.....	.....	.....	.....	3.83	−0.22	1.29	16-17	0	10	7	18	6	sw.	Thomas S Knox.
Division mean				**54.3**	.....	**90**	**22**	**18**	**2**	**4.52**	.....	**2.62**	**16-17**	**0.2**	**16**	**8**	**11**	**12**	w.	
Lake Drainage																				
Albion	Erie	900	2	52.3[d]	.....	79	28	28	2†	3.43§	.....	0.82	12-13	0	17	11	8	12	nw.	Samuel D. Lewis.
Erie	Erie	705	72	52.8	−4.0	87	21	33	2	2.88	−0.52	0.92	16-17	0	13	4	12	15	w.	U. S. Weather Bureau.
State mean				**55.7**	**−4.0**	**91**	**15†**	**18**	**2**	**5.12**	**+1.20**	**2.62**	**16-17**	**0.8**	**16**	**9**	**10**	**12**	w.	

[See page 40 for explanation of reference marks.]

Daily Precipitation for May 1945

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	....	.98	....	1.23	17	....	....	....	.34	....	1.04	....	13	.23	....	.05	.06	.55	1.01	....	....	....	15	....	....	....	.23	12	1.09	.05	....	7.43
Hawley[2], 0.5 E	Wayne	....	.65	....	.58	.21	T	....	....	.17	T.	1.08	....	....	.43	....	.20	.38	.46	.11	T.	....	....	.30	....	....	....	.40	.14	.71	.06	....	5.88
Hollisterville[2]	Wayne	T	.72	....	.36	.08	T.	T.	T.	.24	T.	1.11	....	T.	.32	....	.06	.36	.33	.21	....	....	....	.31	T.	....	....	.27	.10	1.10	.09	....	5.66
Lakeville[2], 1 N	Wayne	.01	.73	....	.41	.14	....	....	.55	....	T.	.87	....	....	.25	....	.28	.39	.35	.26	.02	....	....	.32	....	....	....	.41	.09	1.23	.08	....	6.42
Matamoras[2]	Pike	....	.86	....	.98	.12	....	....	....	.29	....	1.06	....	....	.56	....	.14	.51	.08	.20	.06	....	....	.16	....	....	....	.29	.12	.39	.13	....	5.95
Mount Pocono[3], 2 N	Monroe	.55	....	.72	.13	.02	T.	....	.33	....	1.09	T.	....	.36	....	.45	.73	.48	.06	....	....	T	.25	T	....	....	.06	.75	.76	T.	....	....	6.74
Pleasant Mount[1, 5], 1 W	Wayne	.49	....	.39	....	.06	....	....	.40	....	.93	.03	....	61	....	.40	.02	.74	....	....	....	....	.56	....	....	....	.01	.45	.09	.15	.12	....	5.35
Stroudsburg, 2 E	Monroe	.30	.05	.30	.50	.16	....	....	.32	....	.90	.54	....	.17	14	....	77	.24	.09	....	....	....	.47	....	....	....	....	.36	.09	.16	.01	....	5.57
Tanners Falls[1, 5], 1 SE	Wayne	.65	....	.48	.12	....	....	....	.27	....	1.10	.01	....	.35	....	....	....	.62	.05	....	....	....	.55	....	....	....	.05	.58	.21	....	....	....	4.99
LEHIGH																																	
Allentown Arpt[1], 4 NE	Lehigh	.34	....	.47	.45	.11	....	....	.34	....	1.14	....	....	.16	....	.28	.12	.15	.01	T.	T.	T	.21	T	....	....	.11	.33	.14	T.	....	....	4.36
Allentown[2]	Lehigh	T.	.52	.01	.49	.28	.13	....	....	.30	T.	1.11	....	....	.17	....	.10	.03	.08	T.	T.	....	....	.32	....	....	....	.23	.14	.15	....	....	4.06
Bethlehem[1]	N'rthampton	.23	....	.45	.50	.11	....	....	.25	....	.95	....	....	.26	....	.08	.03	.12	.05	....	....	....	.57	T.	....	....	.10	.29	.26	....	....	....	4.25
Blakeslee Corners[1, 5]	Monroe	.27	....	.29	.24	.07	....	....	.34	....	.89	....	....	.29	....	.40	....	.71	.05	....	....	....	.35	....	....	....	.07	.27	.13	....	....	....	4.37
Gouldsboro[2]	Wayne	T	.70	T.	.80	.08	.02	....	....	.27	T.	1.18	....	.07	.52	....	.25	.48	.27	.28	....	....	....	.37	.05	....	....	.38	.18	1.92	.05	....	7.87
Lansford[2]	Carbon	.22	.32	....	.80	.17	.03	....	T.	.35	T.	1.22	....	*	.25	....	.43	1.33	.20	.08	....	....	....	.32	....	....	....	*	1.15	.30	T.	....	7.17
Mauch Chunk, 1 SW	Carbon	.51	.31	.22	.36	....	.20	....	.20	....	1 14	.13	....	.10	.10	....	.25	.48	.24	....	....	....	.24	....	....	....	....	.89	.22	.33	.02	....	5.94
New Tripoli	Lehigh	.60	.08	.59	.22	.31	....	....	.34	....	1.29	.02	....	.12	....	....	.31	.05	.16	....	....	....	.44	....	....	....	....	.96	.06	.23	T	....	5.78
Palmerton[1, 5]	Carbon	.35	....	.39	.22	.04	....	....	.29	....	.97	....	....	.23	....	.42	....	.17	.06	T.	....	....	.25	....	....	....	.10	.63	.19	T.	....	....	4.31
Zionsville, 1 SW	Lehigh	.50	.26	.55	.10	.40	.06	....	.22	....	.91	.27	....	.05	.08	....	.50	.21	.27	....	....	....	.25	....	....	....	....	.75	.07	.19	....	....	5.64
SCHUYLKILL																																	
Conshohocken	Montgomery	.16	....	.54	.02	....	.06	....	.41	....	.91	.06	....	....	.19	T.	....	....	.97	.02	....	....	....	....	....	....	T.	.28	....	.14	....	....	§3.76
Fredericksville[2], 1 S	Berks	T.	1.46	....	.88	.25	.37	....	....	.31	.05	1.19	....	....	.12	....	.55	....	.16	.02	....	....	....	.28	....	....	....	.41	.68	.14	T	....	6.87
Gratersford[2]	Montgomery	.02	.35	....	.57	....	.12	....	....	.26	.07	.89	....	T.	.29	....	.11	.32	.37	.94	....	....	....	.22	....	....	....	.07	.14	.16	.03	....	4.93
Phoenixville[2], 1.5 SE	Chester	.10	.29	....	.65	....	.72	.02	....	.30	*	.95	T	.01	....	....	.04	.15	....	.58	.18	....	....	.37	....	....	....	.09	.05	1.05	....	....	5.55
Port Clinton[2]	Schuylkill	.26	.50	....	.51	.35	....	....	.36	.05	1.09	....	.03	.10	....	.80	.30	.38	.32	....	....	....	....	.23	....	....	....	1.02	.55	.08	....	....	6.93
Pottstown[2], 0.5 S	Montgomery	.14	.27	....	.78	.21	.11	T.	....	.21	.04	1.02	....	T.	.03	....	.40	.62	.10	.07	.01	....	....	.12	....	....	....	.32	.10	.08	....	....	4.63
Pottsville[2]	Schuylkill	.33	.18	....	.58	.15	.07	.01	....	.35	....	1.09	....	....	T.	....	1.15	.65	.50	.04	T.	....	....	.42	....	....	....	.40	.52	.24	T	....	6.68
Reading[1, 5]	Berks	.68	....	.62	.14	.12	.04	....	.29	....	1.20	....	....	.30	....	.20	....	.21	.02	T.	....	T.	.20	....	....	....	.17	.49	.11	....	....	....	4.79
Wernersville	Berks	.64	T.	.49	.48	.02	.02	....	.26	....	1.24	....	....	.01	....	....	.11	.06	.11	....	....	....	.34	....	....	....	.05	.74	.06	.33	....	....	4.96
LOWER DELAWARE																																	
Coatesville[6]	Chester	.33	....	.70	.02	.02	T.	....	.31	....	1.06	....	....	.13	....	....	....	.21	.63	....	....	....	.47	....	....	....	.09	.32	.16	....	....	....	4.45
Doylestown	Bucks	.16	....	.74	.09	.10	....	....	.37	....	.94	.30	....	T.	.24	....	.01	....	.73	.01	....	....	.11	T.	....	....	....	.29	.04	.37	....	....	4.50
George School[6]	Bucks	.21	.03	.56	.04	.02	T.	....	.40	....	1.13	....	....	.17	....	T.	....	T.	1.02	.11	....	....	.22	....	....	....	.02	.30	.15	....	....	....	4.38
Marcus Hook[2]	Delaware	.07	.11	....	.95	.02	....	....	....	.51	T.	1.00	....	....	.10	....	....	....	1.10	.10	T.	....	....	.14	....	....	....	.11	.05	.20	.25	T.	....	4.71
Philadelphia Airport Station[1, 5]	Philadelphia	.13	....	.50	T.	.07	T	....	.48	....	.95	....	....	.17	....	T.	....	.21	.73	T.	....	....	.16	....	....	....	.03	.28	.14	....	T	....	3.85
City Office[1, 5]	Philadelphia	.10	T	.52	T.	.05	T.	....	.29	....	.74	....	....	.10	....	T.	....	.25	.80	T.	....	....	.10	T.	....	....	T	.23	.15	....	T.	....	3.33
Shawmont	Philadelphia	.15	.15	.62	.15	.10	.05	....	.50	....	.85	.23	....	....	.13	....	....	T.	.65	....	....	....	T.	.25	....	....	.07	.20	.05	1.35	....	....	§4.56
Quakertown, 0.5 E	Bucks	.31	.10	.71	.13	T.	....	....	.24	....	.86	.39	.02	.17	....	....	.17	.05	.48	....	....	....	.28	....	....	....	....	.74	.10	.14	....	....	1.89
West Chester	Chester	.39	.01	.60	.02	....	T.	....	.42	....	.84	.01	....	.22	....	.01	....	.42	1.48	T	....	....	.13	....	....	....	.02	.27	.01	.14	....	....	4.99
West Grove[2], 1.5 SE	Chester	.20	.10	.73	T.	....	....	....	....	1.38	*	.90	....	....	.02	T.	....	....	.76	T.	....	....	....	.16	....	....	....	.18	*	.46	....	....	4.89
Susquehanna Basin CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.32	....	.64	.14	.40	.12	.03	.37	....	1.00	....	....	.42	....	....	.14	.85	....	....	....	....	.07	....	....	....	.13	.11	.18	.08	....	....	5.00
Covington[2]	Tioga	.58	.10	....	.93	.42	....	....	.08	.14	03	.34	....	....	....	....	....	.58	1.47	....	....	....	....	....	....	....	....	.27	....	....	.08	....	5.02
Lawrenceville	Tioga	.79	....	.68	.38	.22	....	....	.38	....	.92	....	....	.49	....	.08	....	.30	1.18	....	....	....	.18	....	....	....	T.	.24	.18	....	....	....	6.02
NORTH BRANCH																																	
Berwick[2]	Columbia	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Canton[2], 1 NW	Bradford	.66	.33	....	.70	.57	.10	T	.12	.08	.07	.76	....	.06	.54	....	....	.12	.93	T.	....	....	....	.20	....	....	....	.48	.01	.20	.09	....	6.02
Danville[2]	Montour	.50	.55	....	.92	.34	.18	....	.10	.18	.23	.55	....	.03	.25	....	.03	2.00	.45	.03	....	....	....	.35	....	....	....	.44	....	.05	.05	....	7.23
Freeland[2]	Luzerne	.55	.70	....	.45	....	....	T.	....	.33	.90	....	....	....	05	....	....	.22	.15	.04	....	....	....	.38	T.	....	....	.36	.30	.05	....	....	4.48
Hop Bottom[2], 2 S	Susquehanna	T	.58	....	.28	T.	.16	....	T.	.40	.08	.82	....	.08	.28	.02	....	.50	.30	.02	....	....	....	.52	....	....	....	.40	.10	.04	.07	....	4.65
Millville[1, 5]	Columbia	.60	....	.52	.09	.18	....	....	.23	.30	....	....	....	.30	....	....	.27	1.20	.03	....	....	....	.25	....	....	....	.29	.31	.17	....	....	....	4.74
Monroeton[2], 2 S	Bradford	.38	.52	....	1.16	.76	.04	....	T.	.25	.05	.93	....	.02	.67	....	....	.16	.32	.03	....	....	....	.18	....	....	....	.56	.02	.05	.09	....	6.19
Montrose[2], 3 E	Susquehanna	T.	.05	T.	36	*	....	....	....	*	*	*	....	*	1 71	....	....	.10	.41	.14	.01	....	....	.16	....	....	....	*	.51	.07	.19	....	3.71
Orwell[2], 3 N	Bradford	.06	.27	....	.68	.49	.07	.02	.04	.31	.06	.74	....	.10	.33	T.	....	.04	.74	.10	....	....	....	.17	....	....	....	.14	.02	.04	.08	....	4.80
Park Place[3], 1 NW	Schuylkill	.50	....	.46	.40	....	.01	....	.40	....	.80	....	....	.07	....	.24	.39	.53	.11	....	....	....	.23	....	....	....	.41	.63	.10	.03	....	....	5.31
Pikes Creek[1, 5]	Luzerne	.28	....	.36	.43	.02	....	....	.32	....	.94	....	....	.35	....	....	.04	1.10	....	....	....	....	.26	....	....	....	.16	.63	1.05	....	....	....	5.94
Rush[2]	Susquehanna	*	....	*	1.07	.41	.06	....	.05	.32	.05	.78	....	....	.40	....	....	.08	.62	.02	....	....	....	.34	....	....	....	.59	.05	.09	.12	....	§5.05
Scranton[1, 5]	Lackawanna	.62	....	.43	.03	T.	T.	....	.21	....	.78	.02	....	.33	....	....	....	.58	.91	T.	....	....	.36	T	....	....	.14	.36	.95	.05	.01	....	5.78
Susquehanna[2]	Susquehanna	....	.11	....	.29	.03	....	.01	T.	.31	....	1.00	....	....	.28	....	.03	.08	.17	.45	.02	....	....	.53	.02	....	....	....	.27	....	.19	.07	3.86
Towanda, 1 E	Bradford	.67	....	.58	.33	.72	.05	T	.21	....	.85	.04	....	.46	....	....	....	.09	.20	T.	....	....	.22	....	....	....	....	.35	.08	....	.12	T	4.97
Tunkhannock[1, 5]	Wyoming	.66	....	.55	.38	.05	....	....	.18	....	.82	....	....	.34	....	....	....	1.13	....	....	....	....	.28	....	....	....	.14	.16	1.17	....	....	....	5.86
Wilkes-Barre[3], 3 N	Luzerne	.67	T.	.24	.11	T.	....	....	.29	....	1.01	....	....	.46	....	....	T.	.94	T.	....	T.	....	.25	....	....	....	.20	.13	1.57	.07	....	....	5.94
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.42	....	....	.57	.45	.16	....	.42	.02	.08	.69	....	06	.34	....	T.	.05	.97	.03	....	....	....	.17	....	....	....	.19	.01	.19	.06	....	4.88
Carrolltown[2]	Cambria	.22	....	....	.21	.19	....	.18	.49	.09	.24	.66	....	.38	.11	....	....	.54	.81	.03	....	....	....	.17	....	....	....	.20	....	.08	.04	....	4.64
Carter Camp[2]	Potter	.39	....	....	.67	.93	.34	....	.39	.23	T.	.81	....	.06	.39	.01	....	.24	1.60	....	....	....	....	.19	....	....	....	.58	T.	.32	.22	....	7.37
Cedar Run[2]	Lycoming	.37	....	....	.64	1.18	.15	....	.30	.28	.10	.81	....	.03	.52	....	....	.11	1.05	....	....	....	....	.19	....	....	....	.38	.07	.92	.03	....	7.13
Clearfield[2]	Clearfield	.07	....	....	.46	.48	.21	.03	.51	.12	.22	.72	....	.25	.02	....	....	.39	.85	....	....	....	....	.02	....	....	....	.18	....	.31	.11	....	4.95
Coalport[2]	Clearfield	....	....	....	.30	.13	....	....	.43	....	.42	.46	....	.06	....	....	....	.61	.94	T.	....	....	....	.23	....	....	....	....	....	.20	.09	....	§3.87
CurwensvilleApt[3] 6NW	Clearfield	T.	....	.56	.46	.32	.08	T.	.60	....	1.18	T.	.20	.01	....	....	.73	1.00	.04	T.	....	....	.12	T.	....	....	.47	.01	.07	.17	....	....	6.02
Driftwood[1, 5]	Cameron	....	....	.80	.53	.28	....	....	.59	....	.81	....	04	.27	....	....	.36	1.47	....	....	....	....	.35	....	....	....	.30	.07	....	.04	....	....	5.91
Dushore[1, 5]	Sullivan	.59	....	.56	.84	.02	....	....	.22	....	.78	....	....	.30	....	....	....	.61	....	....	....	....	.33	....	....	....	.09	.19	1.38	....	....	....	5.91
Eagles Mere[2]	Sullivan	.12	.86	....	.46	.76	.14	.03	T.	.43	T.	.83	....	.03	.24	....	....	.44	.39	.26	....	....	....	.33	....	....	....	69	.07	1.03	.03	....	7.14
Emporium[2], 1 E	Cameron	.23	T.	....	*	1.36	*	.39	.55	*	.17	.59	....	*	.53	....	T.	.43	1.11	....	....	....	T	.03	T.	....	....	*	.23	.05	.08	....	5.75
Galeton	Potter	.45	....	.70	.10	.95	.02	....	.59	T.	.80	.02	....	.35	....	....	T.	1.02	.30	T.	....	....	.11	....	....	....	.05	.37	.24	....	.07	....	6.14
Karthaus[2]	Clearfield	.46	....	....	.34	1.47	.14	.05	.29	.28	.20	.60	....	.19	.03	....	....	.33	1.75	T.	....	....	....	.27	....	....	....	.23	.04	.07	.10	....	6.84
Lock Haven[2]	Clinton	.33	....	....	.43	.64	.05	....	.09	.15	.14	.60	....	.05	.56	....	....	.31	1.96	....	....	....	....	.10	T.	....	....	.36	.02	.41	.01	....	6.21
Medix Run[1, 5]	Elk	.01	....	.77	.91	.45	.03	....	.60	....	.85	....	.04	.10	....	....	.53	.97	....	....	....	....	.12	....	....	....	.17	.04	....	.06	....	....	5.65
Philipsburg[3], 7 E	Centre	.02	....	.86	.48	.04	.04	....	.52	T.	1.11	T.	.13	.11	....	....	.28	1.44	T	T.	....	....	.16	T.	....	....	.70	.12	1.29	.06	....	....	7.36
Renovo[2]	Clinton	.13	....	....	.92	1.04	.07	.01	.23	.32	.16	.53	....	.05	.23	....	....	.04	1.42	.02	....	....	....	.12	....	....	....	....	.25	.05	.18	.04	....	5.81
State College[1, 5]	Centre	.11	....	.54	.36	.01	T.	....	.37	....	.59	....	.11	.18	....	....	.35	1.38	T.	....	....	....	.11	T	....	....	.31	.02	1.64	.01	T.	....	6.09
Tamarack[2], 2 S	Clinton	.20	....	....	.47	.78	.34	T.	.28	.27	.08	.65	....	.06	.44	....	....	.25	1.73	T.	....	....	....	.29	T.	....	....	.53	.08	.26	.05	....	6.76
Tyrone [1, 5], 4 NE	Blair	....	....	.65	.25	....	.07	....	.47	....	.89	....	.04	.18	....	....	.54	1.92	....	....	....	....	.14	.05	....	....	.32	.13	.73	.08	....	....	6.46
Wellsboro[2]	Tioga	.39	.21	....	.89	.43	.55	T.	.17	.28	.05	.82	....	.06	.45	....	T.	.03	1.51	.02	....	....	....	.12	....	....	....	.28	....	.14	.10	....	6.50

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport Apt.[3-4 E	Lycoming	1.03		.69	.20	.19	.01		.17		.64	T.	.01	.19			.38	.89	T.	T.			.29				.57	.16	.58	.01			6.01
Williamsport[2]	Lycoming	.50	.30		.70	.08	.08			.26	.02	.57		.02	.18			.97	.74	.02				.15				.28	.34	.58			5.79
Williamsport[2], 4 SE	Lycoming	.59	.26		.88	.15	.11		.07	.16	.04	.83		.01	.25			.48	.87	.02				.45				1.03	.04	.37	.01		6.62
JUNIATA																																	
Altoona, 4.5 W	Blair	.10		.40	.29	.17	.09		.43		.91			.27			.04	2.02	.04				.08				.10	.64	.28				5.86
Breezewood[1], 0.5 E	Bedford			.81	.24	.15	.06		.25		.59		T.				.54	.75					.12				.55	.07	.07				4.20
Buffalo Mills[2]	Bedford	.05			.53	.19	.04		.19	.03	.29	.61						.08	1.19					.11				.34		.04			3.69
Burnt Cabins[1], 2 NE	Fulton			.64	.15	.22	.03		.18		.57			.02			1.07	2.13					*13*				.67	.09	.03				§5.93
East Waterford[2], 3 E	Juniata	.19	T.		.76	.26	.13	T.	.06	.14	*	.58		.04	.02		.42	.90	.69	.01				.36	T.			.62	T.	.08	.01		5.27
Everett[2], 0.5 SW	Bedford	.03			.65	.21	.01	.03	.10	.15	.17	.64		.02				.48	1.33					.14				.40		.10			4.46
Huntingdon[2]	Huntingdon	.06			.50	.10	.17	.03	.13	.14	.11	.59		.22	.09			.50	.88					.15	T.			.52		.09			4.28
Lewistown[2], 2 SW	Mifflin	.09			.70	.49	.11		.06	.25	.13	.51		.08				1.07	1.20					.37				.72	T.	.57	.06		6.41
Mapleton Depot[2]	Huntingdon	.04			.53	.08	.08	T.	.01	.15	.12	.48		.06	.01			.58	.98	T.				.27				.87		.42			4.68
Martinsburg[2]	Blair	T.		.44	.28	.16	.03		.35	T.	.82		.05	.02			.33	.86	T.				.08	.03			.38	.01	.23	T.			4.07
McConnellstown[2], 4NW	Huntingdon	.06			.56	.10	.14	.07	.16	.26	.19	.51		.24	.13			.52	1.29					.18				.88	T.	.14				5.43
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.11		.46	.33	.11			.35		.65		.01	.24			.28	1.72	.01				.13				.50	.18	.41				5.49
New Bloomfield	Perry	.16		.76	.11	.59	.02	.17	.04		.64	.01		.09			.55	1.31	.43				.32	T.			.17	.65	T.	.51	.02		6.55
Newport[2]	Perry	.14			.97	.18	T.	T	.07	.12	.02	.64		.05	T.		.78	1.25	.85	.05				.18				.74	T.	.23	T		6.27
Saxton[2], 1 W	Bedford	.05			.45	*.25*	.05		.12	.10	.14	.56					.04	.34	1.40					.18				.45					§4.13
Shade Gap[1, 5], 0.5 SW	Huntingdon	.02		.52	.17	.15	.04		.20		.48			.03		.36	.30	2.03	.04				.14				.28	.03	.10				4.89
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	.04		.02	1.01	.03	.01		.04	.11	.04	.55					.05	1.44	.73					.11				1.10	.06	.25			5.59
Bloserville, 1.5 N	Cumberland	.18		.60	.42	.12	.02		.14		.78	.02		.03			.06	1.06	.86				.55				.65	1.58	T.	.40			7.47
Carlisle	Cumberland	.09		.58	.41	.03	T.		.21		.66						T.	1.03	.07				.17				.33	.38	.14	T			4.10
Columbia	Lancaster	.19		.59	.46		.03		.22		.82	.02							.56	.03			.19				.25	.24		.13			3.73
Dauphin[2], 3 N	Dauphin	.17			.67	.10	.02		T.	.17	T.	.63		T.			1.99	1.02	.45	.06				.26				1.58	.08	.23	.02		7.45
Ephrata	Lancaster	.47	.09	.37	.59	.08	.03		.32		1.03	.01		.03		T.	.24	.02	.13				.38				.17	.47		.40	.01		4.84
Glen Rock[1, 5]	York	.18		.68	.05			.01	.19		.48							.54	.19				.15				.49	.34	.16				3.45
Gordon	Schuylkill	.82	.09	.43	.23	.30	.08		.31		.73			.12			1.17	.89	.47				.34				.02	.76	.15		.05		6.96
Grantville, 2 SW	Dauphin	.22		.82	.22	.09			.29		.99			T.		1.38	.31	.96	.60				.24				.27	.99	.37		.03		7.78
Hanover[2]	York	.12	T.	.04	.60	.06	.04	T.	.01	.22	.06	.64			.01				.86	.13				.11				.46	.01	.28			3.65
Harrisburg Apt[1, 5], 3.5 S	Dauphin	.16		.64	.16	.08	T.		.22		.73			T.		.03	.71	.82	.02				.20	T.			.54	.44	.51	T.	T.		5.26
Holtwood[2]	Lancaster	.16	.05	T.	.45	.14	.01		.01	.30	.04	.44			T.	T.	T.		.07	.03				.06				.25	.07	.57				2.65
Huntsdale[2]	Cumberland	.06			.88	*	*		*.20*	.15	T.	.58			T.		.31	1.32	.87	.06				.27	T			.60	.02	.66	T.		§5.98
Kirkwood[1, 5], 1 SW	Lancaster	.34		.29	T.	T.			.35		.70					T.		.36	.17				.22				.30	.19	.40				3.32
Lancaster	Lancaster	.33	.05	.43	.06	.30	.02		.33		.67	.22		T.			T.	T.	.13	.13			.35				.18	.57		.14			3.91
Lebanon[2]	Lebanon	.23	.01	T.	.85	.22	.06	T.	.01	.29	.09	1.00					.53	.57	.47		.01			.34				.57	.07	1.73	.01		7.06
Middletown[1], 1.5 W	Dauphin	.14		1.01	.13	.01	T.		.26		.88			T.		.38	.04	.45	.01				.28	T.			.42	.32	.43	.03	T		4.79
Millersburg[1, 5], 2 E	Dauphin	.24		.50	.25	.06			.21		.70					1.24	.59	1.49	.04				.58				.34	.25	2.00				8.49
Milroy[2], 5 N	Mifflin																																
Newburg[1], 3.5 NW	Cumberland	.10		.95	.40	.16	.01		.22		.60			.02		.17	.68	.91					.49				.84	.65	.02				6.22
New Park	York	.11		.60	.30	T.			.35		.55								.18	.65			.18				.50	.50	.03	.63			4.58
Pine Grove[2], 1.5 NE	Schuylkill	.25	.10		.72	.31	.10			.33	.01	1.00		.02	.10		.63	1.10	.53	T.				.16				1.18	.50	.16	T		7.20
Ringtown[2], 1.5 SW	Schuylkill																																
Selinsgrove	Snyder	.62		.82	.37	.42			.18		.78					.03	T.	1.10	.52				.40	.02			.15	.43	.04	.03			5.91
Shamokin[2]	N'umberland	.57	.45		.34	.26	*	.08	.04	.17	.06	.59			T.		.82	1.42	.45	.02				.14	T.			*	.34	.33	.02		6.10
Shippensburg	Cumberland	.13		.56	.32	.09			.25		.60	T.		T.			.34	.68	.74				.39	T.			.20	.29	T.	.10			4.69
Sunbury[2]	N'umberland	.56	.31		.90	.27	.03	T.	.03	.23	.10	.64		.02	.08		.15	1.66	.41	.03				.56		T.		.55	T.	.35	T.		6.88
Williamstown[2]	Dauphin	.33	.16		1.03	.13				.28		.65		.13	.15		.67	1.73	.57	T.				.44				1.04	.07	.28	T.		7.66
Woodward[3], 2 NE	Centre	.06		1.12	.28	.04	T.		.32		.58		.08	.12			.98	1.10	T.	T.			.21	T.			.78	.13	.05	.01			5.86
York, 3 SW	York	.11		.67	.30		.02		.23		.63	.13							.61	.18			.11				.19	.29		1.61			5.08
York Haven[2]	York	.16			.85	.02	.04		T.	.20	.03	.82					.26	.08	.68	T.				.53				.47	.05	.10			4.29
Potomac Basin																																	
Chambersburg[2], 1 SW	Franklin	*.05*		.71	.22	.04			.24		.61					.01	1.04	.92	.04				.21				.45	.17	.11				§4.82
Gettysburg	Adams	.04		1.02	.06	T.	.07		.15		.44	.12		.05				.11	.88				.19				.14	.92		.09			4.28
Hewitt, 2 SW	Bedford	.28		1.00	*.09*	T.	.04		.22	T.	.91						*.10*	*.65*	T.				T.				*.41*	*.24*	T.	.03			§3.92
Hyndman[2]	Bedford	T.		.03	.52	.17	.07	T.	.10	T.	.29	.59						1.15	.38					.21				.36		.11			3.98
McConnellsburg[2]	Fulton	T.		.10	1.15	.16	.18	T.	.09	T.	.08	.45						1.26	1.27					.32				.70		T.			5.76
Mercersburg[2]	Franklin	.06		.04	.78	.13	.01		.12	.07	.08	.48			T.			1.25	1.32					.22				1.23		.03			5.82
South Mt. San't'm[2]	Franklin	.15			.75	.32	.08		.01	.23	.03	.59			.44			.53	1.83					.29				.78		.03			6.06
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.16			.36	.17	.15		.47	T.	.05	.88		.15			.07	1.09	1.02	.02				.05				.01	T.	T.	.02		4.67
Allens Mills[1, 5]	Jefferson			.54	.29	.51	.04		.74	.02	1.04		.11	.10			.31	.87					.10	.02			.23	.09	.33	.10			5.44
Blairsville[2], 6 NE	Indiana	.23	T.	.01	.35	.18	.37	.02	.68	.01	.24	.79		.54	.03	T	T.	.40	1.30	.09				.20	.04		T.	.28	T.	.07	.02		5.85
Boswell[2], 6 NW	Somerset	.19		.02	.50	.19	.48		.55	.09	.34	.80	.06	.15				.08	1.16	.28				.15				.24		.32			5.60
Bradford, 4 W	McKean	.15		.37	.30	.42	.05		.42		.65	.10		.78	.03		.05	.85	.06	.05			.24					.08	*.22*		.23		5.05
Brookville[3], 1.5 SW	Jefferson			.37	.33	.26	.05	.02	.60		1.14		.28	.08	T.	T.	.39	1.15	.01		T.		.05				.10	T.	.15	.11			5.09
Buckstown[1, 5]	Somerset	.14	.04	.41	.10	.11	.13		.26		.90		.02		.03		.13	.47					.20				.28	.02	.28	.03			3.55
Clarion[2], 3 SW	Clarion	.07			.34	.31	.05	.02	.51	.02	.07	.75		.24	.06	T.	.03	.74	.48					.09				.11		.48	.09		4.46
Corry	Erie	.03		.29	.15	.09			.42	.03	.34	.04	.26	.46			.02	.67	.75	.06			.05	.03					.29		.18		4.16
Coudersport	Potter	.36		.68	.24	.68	.74				1.30	.09		.71				1.05	.92				.03				.02	.03	.74		.19		7.78
Derry	W'moreland	.25		.35	.22	.37	.10		.57		1.00	.03		.36				.80	.03				.38	.02			.08	.03	.60	T.	.04		5.23
Donegal[1]	W'moreland	.15		.21	.18	.21	.23		.60		1.46	.10	.05	.12			.20	.72	.13	.04			.14	.03			.10	.01	.04				4.72
Dunlo[1, 5], 0.5 SW	Cambria			.42	.14	.09	.13		.41		.92		.03	.05			.15	1.50		.04			.10				.24		.20				4.42
Ebensburg[2]	Cambria	.11			.10	.28	.28	T.	.44	.05	.37	.85	T.	.32	T.			.61	1.28	.02				*.10*				.40		.48	.01		§5.70
Ford City[2], 4 S	Armstrong	.05			.31	.25	.16		.67		.18	.78		.13			.06	.50	.56					.07				.03		.03	.05		3.83
Franklin[2]	Venango	.08			.22	.14	.32		.33		.04	.42		.24	.14		.02	1.03	.36	.03				.15				T.		.36	.10		3.98
Glen Hazel[2], 1 NE	Elk	.14	.01		.63	.62	.19	.02	.65		.22	.50		.14	.26	T.	.02	.37	.48	.03				.07				.22		.07	.12		4.76
Home[1, 5]	Indiana			.33	.05	.25	.03	.04	.81		.96		.04	.16			.42	.72			.02		.29				.04		.03	.08			4.27
Indiana	Indiana	.08		.25	.18	.23	.18		.61		1.09	T.		.34		T.		.95	.05	.02			.29	T.			.04	*	.63		.07		5.01
Johnstown[2], 0.5 W	Cambria	.08		.04	.13	.18			.44	.44	*	1.25	.18				.33	1.02	.02					.12				.08		.17			4.48
Kane[1], 1 N	McKean	T		.79	.15	.31	.01		.55	T.	.89		.13	.52	.01		.68	.59	.02	T.			.12				.14	T	.22	.16			5.29
Kregar[1], 4.5 SE	W'moreland	.12		.32	.31	.82	.34		.55		1.44	T.	.12	.84			.03	.68	.21	T.			.15				.38		.68				6.99
Lycippus, 1.5 E	W'moreland	.28		.46	.31	.24	.08		.76		1.45	.04		.18				.76		.16			.23	.03			.13		.42	T.			5.53
Marienville[1, 5]	Forest			*	*.69*	.20			.48		.72		.15	.39			.77	.46					.08				.09	.04	.10	.12	.02		§4.31
Meadville[2], 1 S	Crawford	.17			.27	.10	.14		.61		.12	.17		.62	.66	T.	.02	.79	.25	.04		T.		.03					.15	.01	.15		4.30
Mosgrove[2]	Armstrong	.01			.27	.31	.17		.60	T.	.15	.96		.55	T.		T.	.54	.94	T				.07				.04		.18	.14		4.93
Parkers Landing[2]	Armstrong	.08			.31	.41	.07		.42		.12	.70		.27			.06	.45	.58					.03				.09		.50	.12		4.21
Pittsburgh Cty Of[1, 5]	Allegheny	.04		.45	.41	.07	.08	T.	.40		.90	T.	.11	.02		T.	.46	1.81	.01	T			.07	T.			.12		.81	T.		T.	5.76
Port Allegany[2]	McKean	.15	T.		.74	.15	.12	T.	.55	.04	.08	.72		.08	.56	.02	T.	.26	1.07	.02				.02	T.			.09		.19	.13			4.99
Punxsutawney[2]	Jefferson	.05		T.	.35	.36	.33	.01	.73		.28	.82		.50	T.		T.	.33	.63					.13	T.			.06	T.	.60	.11			5.29

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Stations	Counties	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALLEGHENY (continued)																																	
Putneyville[3], 2.5 SE	Armstrong	.02			.37	.35	.30	.02	.64	.02	.22	.80		.48	T.		.06	.55	.61	T.				.04	T.			.08		.06	.13		4.75
Ridgway[2]	Elk	.13	T.		.54	.69	.20	.02	.68	.06	.06	.64		.12	.51			.53	.76	.02				.08	T.			.11		.02	.12		5.29
Saltsburg[2]	Indiana	.08		.01	.46	.25	.19		.69	T.	.16	.77		.43	T.		.01	.49	.29	T.				.03	T.			.10	.01		T		3.97
Seward[2]	W'moreland	.18			.57	.17	.27		.14	.16	.26	.82		.39	.02			.91	.65	.04				.23	.01			.15		.37			5.34
Sheffield[1, 5], 6 W	Warren			.47	.35	.30	.03		.37		.70		.12	.53			.60	.30					.25				.06	.05	.43	.10			4.66
Smethport[1, 5], 1 SW	McKean			.51	*	*	.62		.48		.78	.03	.10	.51		.01	.42	.68					.08				.14	.03	.30	.13			§4.82
Strongstown[1, 5]	Indiana			.08	.06	.09	.18		.57		1.09		.16	.19			.28	.77					.17				.07		.49	.02	.01		4.23
Tionesta[2], 1.5 SE	Forest	.09			.37	.27	.13	.01	.37		.12	.48		.24	.40		.02	.52	.32	.01				.15				.07	.01	.04	.08		3.70
Titusville, 2 S	Crawford	.15	.01	.21	.38	.18	.04		.37		.44	.02		.51			.04	.88	.10	.01			.03	T.			.01	.05	.22		.14		3.79
Union City[1, 5]	Erie	.01	.01	.29				.02	.44	.01	.30		.22	.50			.39	.45									.03		.20	.10			2.97
Vandergrift[1]	W'moreland			.40	.05	.34			.68		.90		.05	.05			.38	.75					.09				.01			.02			3.72
Warren[2]	Warren	.02	T.		.28	.07	.09		.27		.01	.40		.15	.59			.59	.25	.01				.20				T.		.01	.10		3.04
Youngsville[1, 5]	Warren																						.02						.04	.03			§§
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.44	T.	T.	.27	.24	.19	.02	.31	.08	.53	1.04		.02					.91	.08	T.			.12	T.		T.	.24	T.	.37	T.		4.86
Connellsville[2]	Fayette	.17		T.	.34	.21	.28		.37	.12	.17	.84		.16				.40	.48				.22			T.	.05		.07			3.88
Donora[1]	Washington	.09		.55	.05	.11	.01		61		.86		.07	.02		T.	.30	.64					.42				.09		.06		.02	T.	3.90
Greensboro[2]	Greene	.24			.28	.04	.10	.01	.58	.09	.11	.83		.13	T.		T.	.07	.55	T.				.13			T.	.10		.38	.01		3.65
Greensburg, 2 S	W'moreland	.26		.38	.14	.13	.19		.59		.98	.06		.11		T.		.59	T.	T.			.28	.01			.18		.27	.02			4.19
Irwin	W'moreland	.31		.46	.18	.09	.13		.74		.82	.05		.26		T.	.04	1.26	.04				.46	T.			.10	.02	.89	T.			5.85
Meyersdale[2]	Somerset	.13	T.	.01	.31	.14	.11	T.	.06	.08	.41	1.20							.90	.01				.08			T.	.14		.22			3.80
Murrysville // [1, 5]	W'moreland	.07		.40	.06	.12	.06		.59		.80		.20	.10			.47	.94					.06						.15				4.02
Newell[7]	Fayette	.15		.10	.31	.34	.18	.03	.52		.65	.32		.11		.08		.30	.38				.18				.12	.08		.08			3.93
Pittsburgh Arpt.// [1, 5]	Allegheny	.02		.37	.11	.10	.04	T.	.41		.79	T.	.20	.03		T.	.82	1.65	.01	T.			.15	T.			.11	T.	.25	T.	T.	T	5.06
Rices Landing[2]	Greene	.15			.39	.20	.08		.43	.04		.78		.09			.03	.02	.38					.30			T.	.09		.08	.04		3.10
Somerset	Somerset	.15		.15	.25	.17	.23		.35		1.26	.08		T.				1.03	.03	.02			.35	.02			.12	.02	.02	.04			4.29
Springs[6], 1 SW	Somerset	.40		.35	.31	.24	.29		.24		1.59	.07	.02	.01			T.	.93	.03	.08			.13	T			.43	.07	.25				5.44
Uniontown	Fayette	.24		.22	.31	.10	.13		.72		1.05			.06		T.		.65	.03	.06			.18	.02			.06		T	.23	.04		4.10
Waynesburg	Greene	.27		.32	.11	.11					1.23							1.29		.06			.09				.14		.21				3.83
BEAVER																																	
Beaver Falls[2]	Beaver	.29			.25	.13	.12		.42	T.	.05	.50		.08	T.		.08	.82	.55	T.				.07				.19		.03	.04		3.62
Butler	Butler	.11		.12	.27	.22	.03		*		1.18	.11		.19			.03	1.15	.34	.02			.09	.13				.14			.14		4.27
Farrell[2]	Mercer	.12			.27	.50	T.		.35		.15	.29		.23				1.20	.38					.22				.08		.09	.11		3.99
Greenville	Mercer	.02		.24	.06	.06			.51		.31		.02	.63			.02	1.50	.18	.02			.01						.34		.06		3.98
Jamestown[2], 2 NW	Mercer	.05			.33	.37	.01		.50		.08	.21		.49	.33		.01	.93	.25	.02			T.	T					.17	.07	.08		3.90
Mercer Arpt.[3], 2.5 NE	Mercer			.34	.38	.05	.01	.08	.36		.40		.24	.13		T.	.60	.70	.02				.16				.01		.69	.08			4.25
New Castle, 1.5 N	Lawrence	.15		.23	.02	.09			.35		.49	.07	T.	.11	T.		.12	1.40	T.				.30	.08					.10	T.	.25	T.	3.76
Pennline[2], 1 S	Crawford	.06			.32	T.	.03	T.	.48	T.	.12	.16		.62	.21	.03	T.	.95	.22	.15			.05	T.				T.	.03	.07	.12		3.62
OHIO																																	
Claysville[2]	Washington	.18			.33	.29	.14		.39		.08	.71					.25	1.93	.69					.25			.03	.11					5.38
Coraopolis[2], 1 E	Allegheny	.17			.60	.11	.10		.32		.08	.59		.13			.10	1.09	.63	.03				.10	T.		T.	.12		.04	.01		4.22
Midland[2]	Beaver	.14			.32	.04	.15		.46		.08	.61		.26	*		.12	.89	.65	.02				.07				.03		.02	.08		3.94
Mt. Lebanon[6]	Allegheny	.09		.49	.07	.14	.19		.45		.82		.14	.08			.42	1.72	.04	.04			.08	T.			.14	.02	.18	T.		T.	5.11
Washington[1, 5]	Washington			.26	.10	.09			.39		.76		.07	.03			.90	1.64					.14				.05			.01			4.44
LAKE DRAINAGE																																	
Albion[2]	Erie	.06			*	.30	T.		.31	.02	.12	.26		.30	.52		*	.92		.28			.04						.03	.11	.16		§3.43
Erie[1, 5]	Erie	.01		.30		T.			.34	T.	.36		.13	.15	T.	.14	.53	.43	.17		T.		.12				T.		.05	.15	T.		2.88
Raymond[1, 5]	Potter	.26	.02	.50	.38	.54	.02		.49	.02	.36	.34	.08	.42			.32	2.15	.01	.04			.05				.19	.15	.63	.23			7.20

[See page 40 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Hawley, 1 S	Evaporation	.058	.083	.436	.029	.112	.086	.176	.057	.072	.117	.165	.189	.171	.284	.273	.033	.163	.133	.066	.220	.191	.339	.278	.196	.093	.200	*.021*	.076	.258	.266	4.959	
	Wind movement	66	58	109	59	123	70	59	93	97	145	144	111	58	86	145	66	183	10	73	119	68	256	154	97	45	88	24	113	140	166	[3]3025	
Jamestown[2] 2 NW	Evaporation	.074	.052	.046	.094	.038	.042	.100	.166	.216	.100	.032	.156	.110	.080	.052	.076	.090	.036	.026	.190	.160	.236	.142	.186	.196	.140	.124	.136	.150	.188	.110	3.544
	Wind movement	32	39	53	65	16	41	29	78	61	49	46	35	38	41	15	29	40	50	60	47	21	71	126	57	19	28	41	36	61	40	44	1408
Neffs Mills[2], 3.5 NE	Evaporation	.276	.084	.116	.024	.056	.078	.030	.182	.186	.238	.182	.156	.178	.150	.152	.232	.188	.294	.168	.222	.196	.194	.296	.223	.221	.180	.014	.024	.164	.284	.320	5.308
	Wind movement	69	48	49	58	*	*	*	111	96	*	*	219	*	91	10	49	*	*	132	70	12	18	136	115	33	13	*	32	45	104	97	1607

Italics mean minus quantity. [See page 40 for explanation of other references.]

Daily Temperatures for May 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	47	69	57	53	51	57	76	....	50	46	52	65	60	61	60	56	64	54	69	55	78	72	73	73	76	.....	.....	79	70	58	65	62.4°
	Minimum	37	28	28	42	40	40	.....	.....	.....	33	31	42	50	43	44	42	44	41	34	38	54	57	40	40	54	.....	.....	57	54	43	40	42.2°
Allentown Arpt.[3-4 NE]	Maximum	46	58	49	57	60	60	75	67	65	48	61	71	71	78	84	75	80	79	60	76	77	85	71	70	75	73	60	75	78	71	66	68.4
	Minimum	36	35	40	45	37	36	43	45	39	39	39	38	52	47	53	55	54	56	45	40	50	56	49	43	39	43	52	57	56	52	44	45.6
Allentown /.....	Maximum	46	58	49	59	59	59	75	67	64	50	60	70	71	77	84	76	81	78	63	74	77	85	71	68	74	73	60	76	77	71	66	68.3
	Minimum	42	35	39	45	38	40	42	46	42	43	40	39	40	47	52	59	56	57	53	39	48	58	53	43	39	45	51	54	56	53	52	46.6
Altoona-4.5 W	Maximum	57	59	56	54	50	51	75	73	61	56	57	76	74	80	82	80	71	62	67	70	85	85	63	68	71	70	70	82	73	70	67	68.2
	Minimum	37	25	39	38	40	39	35	44	32	39	33	36	51	40	54	48	56	46	44	36	44	54	48	34	36	49	54	59	52	43	50	43.1
Arendtsville[6]	Maximum	52	60	47	56	60	57	76	68	66	52	63	74	78	80	85	77	80	75	70	72	82	84	70	71	73	63	70	75	79	75	74	69.8
	Minimum	41	28	42	40	35	38	36	48	38	42	37	39	55	44	51	58	58	56	51	41	45	55	53	37	43	49	55	62	53	52	51	46.2
Berwick/	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bethlehem[1]	Maximum	47	56	46	53	58	58	75	66	62	49	59	69	70	79	84	74	80	77	58	74	77	86	68	68	75	72	58	74	76	69	64	67.1
	Minimum	37	36	40	44	39	39	45	53	45	38	38	42	54	52	56	54	54	55	48	44	54	60	52	46	42	48	52	56	58	53	46	47.7
Bradford-4 W	Maximum	55	56	55	48	50	47	71	71	55	47	52	68	63	62	74	70	73	64	60	71	84	84	58	62	72	72	74	75	74	65	62	64.3
	Minimum	33	21	36	32	35	36	30	32	28	27	31	32	51	36	43	42	52	49	42	35	50	56	46	37	36	44	54	59	47	35	36	39.5
Brookville[3]	Maximum	44	61	45	48	49	51	71	61	53	44	56	73	66	73	77	80	68	58	63	69	83	75	61	67	72	67	76	76	71	64	63	64.0
	Minimum	25	22	35	37	40	32	30	36	30	33	33	38	38	46	56	45	34	30	43	48	33	30	32	55	56	54	48	40	42	38	9	
Burnt Cabins[1-2 NE]	Maximum	52	62	48	54	60	58	78	66	63	49	62	72	78	80	84	82	80	76	67	71	82	84	69	71	77	62	72	80	80	73	72	69.8
	Minimum	30	22	40	42	38	40	32	50	36	42	37	37	54	40	60	55	54	52	46	33	49	57	45	32	34	57	57	62	53	49	50	44.7
Butler	Maximum	60	57	62	47	50	60	70	76	63	57	50	66	74	74	81	77	84	68	65	75	81	87	70	65	70	72	75	80	81	70	67	68.8
	Minimum	37	42	42	36	41	40	35	47	38	43	33	35	40	45	58	48	60	50	45	32	44	63	44	33	34	56	55	56	43	44	48	44.1
Canton /-1 NW	Maximum	39	47	46	56	56	52	70	64	57	38	52	68	64	68	71	70	70	69	59	71	77	79	63	64	72	69	59	67	73	66	58	62.4
	Minimum	30	30	34	35	37	37	38	43	32	33	32	36	40	40	45	41	40	53	41	41	45	54	47	37	39	44	52	46	52	41	41	40.5
Carlisle	Maximum	60	62	58	57	59	60	77	72	65	62	63	66	76	79	85	82	81	74	69	72	81	84	71	70	73	70	67	75	80	73	72	70.8
	Minimum	39	27	39	41	35	36	37	51	38	39	36	40	53	43	53	53	58	60	50	37	47	62	50	38	36	48	53	60	50	48	47	45.3
Chambersburg[6-1 SW]	Maximum	54	61	48	54	60	56	76	67	66	51	64	73	78	78	84	82	80	75	72	72	82	82	70	73	75	63	73	77	79	74	74	70.1
	Minimum	35	26	43	41	38	37	33	52	41	42	38	38	53	41	52	58	57	54	50	37	46	56	53	36	37	51	56	60	55	51	52	45.8
Clarion[6-3 SW]	Maximum	48	60	51	52	53	57	74	65	55	52	58	74	69	77	78	82	72	62	62	72	87	78	68	69	74	69	78	79	73	67	64	67.1
	Minimum	34	22	38	35	40	40	32	44	29	37	32	36	51	37	54	46	57	48	45	31	43	53	43	31	33	49	55	57	51	41	44	41.5
Claysville/	Maximum	50	61	49	53	51	72	74	62	57	49	58	73	72	81	77	83	71	56	64	74	83	73	64	68	75	66	78	80	72	68	68	67.2
	Minimum	33	28	33	35	40	41	37	40	34	39	32	33	37	42	48	50	52	51	43	32	34	61	41	33	36	38	49	52	45	43	43	40.5
Coalport/	Maximum	46	52	55	48	49	51	74	63	59	45	58	75	71	80	81	83	65	63	67	74	86	80	61	70	75	63	77	82	74	68	67	66.5
	Minimum	37	20	22	40	38	39	32	32	29	28	32	34	40	36	35	47	48	47	45	30	42	44	47	33	29	31	55	55	50	42	42	42.1
Coatesville[6]	Maximum	54	62	49	66	63	61	77	67	66	58	61	71	78	79	85	84	84	80	70	73	79	85	72	68	76	71	61	78	77	72	69	70.8
	Minimum	40	35	42	47	37	42	44	49	45	43	39	39	53	54	53	63	56	63	53	44	56	63	54	43	42	46	54	57	61	56	52	49.2
Columbia	Maximum	64	65	50	63	64	60	78	75	68	60	66	75	78	84	86	80	82	78	74	74	82	88	74	72	76	68	66	80	80	76	74	72.9
	Minimum	40	32	42	46	37	38	41	55	42	41	38	37	53	43	48	53	58	59	58	38	39	55	57	42	54	49	55	61	57	54	48	47.4
Corry	Maximum	44	60	54	52	49	50	72	71	51	44	53	67	61	60	70	71	71	65	60	70	83	82	59	64	71	71	76	76	70	64	57	63.5
	Minimum	34	21	35	34	39	39	29	42	35	33	32	39	51	36	49	44	48	47	41	30	45	54	45	29	33	42	55	55	51	40	36	40.1
Coudersport	Maximum	55	55	56	53	50	48	71	70	61	51	55	71	62	66	79	78	76	67	61	81	85	84	62	63	71	71	72	75	75	66	63	66.2
	Minimum	33	21	29	31	37	34	31	43	26	31	30	34	47	35	46	40	51	53	42	29	33	46	46	30	27	37	52	56	50	36	36	37.8
Curwensville[3-6 NW]	Maximum	42	56	40	43	45	47	71	61	53	41	54	71	67	73	79	78	62	54	63	69	82	76	61	65	69	62	72	77	70	64	63	62.3
	Minimum	26	23	33	34	34	37	36	33	28	30	30	36	41	40	50	44	52	42	41	37	49	46	33	30	37	52	52	50	44	36	40	38.6
Derry	Maximum	50	62	57	47	54	59	52	78	59	54	57	69	76	81	80	81	80	62	67	75	87	79	64	64	74	72	78	82	70	69	68	68.1
	Minimum	38	21	39	34	40	41	38	44	38	40	35	40	41	41	67	52	59	49	45	34	48	60	49	35	36	60	55	63	51	44	48	44.7
Donegal[1]	Maximum	44	60	47	46	50	56	72	64	54	52	54	72	72	79	80	84	68	59	62	74	84	78	62	65	72	61	76	82	70	66	66	65.6
	Minimum	26	22	38	36	33	36	33	44	34	35	35	30	46	36	55	50	50	43	41	39	44	52	43	42	32	54	54	55	50	43	47	41.2
Donora[1]	Maximum	52	65	52	52	52	64	78	68	63	56	61	78	77	84	83	89	71	60	69	77	88	74	67	73	79	67	82	88	76	70	72	70.5
	Minimum	39	30	45	42	44	44	43	50	40	48	38	37	54	46	63	53	60	49	45	38	52	54	52	40	41	58	61	75	54	49	50	48.2
Eagles Mere/	Maximum	34	50	42	55	41	51	69	61	60	42	55	73	68	69	77	75	73	72	57	74	76	78	65	66	74	75	56	72	74	66	60	63.2
	Minimum	32	30	30	35	35	36	39	31	31	30	31	39	41	41	41	40	41	42	40	41	50	42	35	31	43	48	48	49	40	39	38	38.3
East Waterford[6-3 E]	Maximum	41	56	47	48	52	48	71	62	57	43	56	69	70	75	77	70	71	67	62	68	80	78	61	65	69	61	59	69	70	65	65	63.0
	Minimum	35	31	36	38	37	38	42	48	37	35	32	43	51	48	58	50	54	54	44	44	50	57	48	41	48	52	52	56	51	43	50	45.1
Ebensburg/	Maximum	45	57	41	44	47	47	70	59	55	45	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	45	23	27	37	32	37	36	48	31	33	32	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52	40	40	.....
Emporium /-1 E.	Maximum	44	63	48	53	42	65	74	65	58	42	61	75	67	76	83	83	69	69	65	76	88	84	65	61	76	70	72	82	78	69	64	$67.0
	Minimum	35	23	32	34	33	35	28	49	28	35	35	34	38	35	46	45	47	55	45	30	37	47	49	33	31	40	51	52	55	42	45	$49.5
Ephrata	Maximum	62	62	58	63	63	58	78	73	69	63	62	72	79	81	85	81	82	79	76	74	80	87	73	71	77	74	62	76	78	74	73	72.4
	Minimum	41	36	44	47	38	41	45	55	44	42	38	41	55	46	58	60	58	61	54	40	52	62	53	41	41	47	54	59	55	53	50	48.7
Erie[1]	Maximum	45	51	49	49	49	58	78	65	47	43	48	64	57	56	49	48	60	53	58	66	87	77	52	64	70	76	77	79	66	61	56	59.9
	Minimum	36	33	39	39	43	43	46	45	40	37	40	45	48	44	42	45	45	46	45	43	61	52	47	45	52	60	59	56	48	45	45	45.6
Everett[1-0.5 SW]	Maximum	45	60	57	50	55	53	78	65	63	51	58	79	76	81	88	85	79	66	68	73	90	86	66	70	77	63	76	85	77	72	72	69.8
	Minimum	32	24	42	39	40	34	30	48	35	40	37	32	53	40	50	52	52	49	47	34	42	51	42	34	34	49	57	63	56	50	53	43.3
Farrell	Maximum	51	63	63	47	50	65	79	79	64	56	59	73	70	79	79	83	83	64	64	77	89	89	65	71	74	76	83	83	75	72	72	70.9
	Minimum	39	28	41	40	44	45	42	47	39	37	35	43	52	47	56	50	58	48	46	37	54	56	47	37	42	60	57	64	56	47	49	46.5
Ford City /-4 S	Maximum	49	61	46	50	52	59	74	64	57	48	57	73	71	78	79	83	61	57	67	72	84	72	64	68	72	65	78	80	73	69	67	66.1
	Minimum	37	26	28	37	40	41	31	36	33	41	33	35	41	39	44	48	54	52	46	37	36	52	47	35	35	42	53	56	46	42	45	40.9
Franklin/	Maximum	59	60	48	53	49	60	73	63	54	45	56	70	63	75	74	79	69	58	62	73	84	73	62	68	73	69	78	78	72	67	62	65.3
	Minimum	37	25	26	36	39	42	34	35	35	39	35	35	41	39	43	47	48	51	45	34	35	48	47	34	35	38	55	56	52	43	45	40.5
Fredericksville-1 S.	Maximum	55	54	53	60	58	56	72	65	62	62	59	69	72	74	82	75	80	75	70	71	76	82	68	65	72	70	58	72	74	68	64	67.5
	Minimum	33	30	38	44	32	34	35	51	54	40	35	31	50	38	47	57	54	60	50	54	44	58	47	37	34	38	50	56	50	50	43	44.3
Freeland	Maximum	50	53	49	56	55	55	68	67	60	50	53	66	64	71	76	73	73	70	65	68	74	79	68	62	71	70	58	65	70	68	63	64.2
	Minimum	30	31	35	40	43	37	40	45	36	33	31	37	50	45	53	46	55	56	43	39	49	58	45	39	39	50	46	53	51	43	44	43.3
George School[6]	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	40	39	41	46	40	40	41	52	40	43	40	38	54	45	54	56	55	60	52	40	40	61	54	46	41	44	54	57	58	54	52	47.6
Gettysburg	Maximum	61	60	59	55	59	58	75	73	68	65	62	73	74	77	84	83	79	74	73	70	80	83	74	70	71	69	67	74	76	76	72	70.8
	Minimum	41	31	45	45	41	39	40	55	44	46	40	41	57	47	55	61	62	59	53	41	51	64	55	42	43	57	57	62	55	54	55	49.6
Gordon	Maximum	58	54	52	61	56	54	74	72	63	60	60	72	71	78	83	78	78	74	68	73	79	83	72	68	76	71	60	71	71	69	68	68.6
	Minimum	35	30	36	44	40	37	40	51	33	38	36	34	51	36	55	51	58	58	49	33	47	55	45	36	33	39	52	58	56	46	41	43.6
Greensburg-2 S	Maximum	50	62	60	47	52	60	75	74	61	56	62	74	72	80	79	85	82	62	66	73	84	83	63	68	75	75	77	81	75	68	67	69.3
	Minimum	38	23	42	44	39	42	31	47	31	43	36	44	55	36	51	49	57	40	46	30	41	52	43	30	41	50	56	50	44	43	44	42.2
Hanover/	Maximum	52	61	48	57	60	57	76	68	67	55	63	73	77	80	87	82	83	77	73	70	83	86	71	72	74	64	72	76	79	78	74	70.8
	Minimum	43	35	38	45	40	39	45	51	46	45	39	44	45	45	60	62	61	59	52	42	46	57	54	42	45	56	56	62	56	52	54	48.9
Harrisburg Arpt. [1-3.5 S]	Maximum	50	60	49	59	56	58	77	68	65	52	63	75	77	81	87	76	81	76	67	74	85	85	68	72	77	64	67	76	79	74	71	70.0
	Minimum	43	37	43	40	40	41	44	54	45	42	40	45	56	51	60	57	59	55	51	41	54	59	52	44	43	53	56	62	58	52	54	49.4
Hawley-0.5 E	Maximum	47	57	50	54	60	59	74	64	61	49	56	70	65	75	83	77	77	76	65	70	77	86	66	66	76	75	61	72	77	66	60	66.8
	Minimum	34	38	34	41	42	31	35	48	31	33	34	33	48	43	48	48	55	61	48	32	47	51	51	39	32	38	48	53	53	48	41	42.5
Hewitt-2 SW	Maximum	61	60	59	51	57	58	78	74	64	67	59	80	77	84	87	88	78	70	69	78	91	86	68	70	74	68	78	80	78	74	74	72.5
	Minimum	38	22	40	40	31	41	29	48	35	43	39	30	55	38	48	51	54	51	49	52	41	50	53	33	31	48	56	56	50	51	55	43.8
Holtwood[1]	Maximum	51	57	51	57	59	55	73	66	65	59	61	72	75	77	82	79	79	73	68	73	77	82	69	70	79	63	64	75	77	73	71	68.8
	Minimum	45	41	47	45	41	43	46	50	47	47	44	44	55	52	55	62	63	59	52	47	55	63	56	50	48	55	56	62	61	56	55	51.7
Huntingdon	Maximum	59	63	58	54	58	53	78	75	65	57	61	78	74	82	86	83	75	70	70	75	89	86	65	71	76	65	70	81	77	72	70	70.8
	Minimum	41	26	42	42	46	40	35	53	35	42	38	38	54	40	56	52	61	53	49	34	43	54	53	32	33	51	50	60	55	49	56	45.6

Continued on page 39.

Daily Temperatures for May 1945—Continued from page 38.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	56	61	43	48	49	54	75	76	62	44	56	73	72	80	80	84	63	63	65	73	85	85	63	67	73	74	77	...	...	...	...	66.7[d]
	Minimum	37	29	34	37	39	40	37	46	33	34	33	42	52	42	61	52	53	50	44	35	50	58	41	34	41	58	56	...	...	...	...	43.3[d]
Irwin	Maximum	58	63	63	46	50	60	75	75	75	58	57	72	71	80	80	86	86	67	65	74	85	85	65	70	77	77	77	83	75	71	67	70.7
	Minimum	36	24	43	36	40	41	39	47	38	43	35	34	55	41	60	50	59	51	45	33	48	61	48	33	35	57	56	59	50	45	48	44.8
Jamestown/-2 NW	Maximum	52	63	50	54	52	65	76	64	54	43	55	72	68	70	63	75	69	53	65	74	84	75	64	69	74	74	80	79	75	69	60	65.8
	Minimum	32	22	30	33	37	37	34	42	30	36	28	34	43	39	45	42	45	45	40	28	41	58	43	29	36	44	49	56	42	36	42	38.6
Johnstown/	Maximum	61	49	62	48	49	54	63	77	61	60	51	58	79	73	83	85	88	71	60	67	78	90	82	64	71	76	72	81	83	74	71	69.1
	Minimum	39	28	43	41	43	42	35	47	38	43	38	39	47	43	56	55	59	49	47	36	47	55	51	35	38	53	56	62	57	46	47	45.6
Kane[1]-1 N	Maximum	41	58	44	49	50	48	71	61	51	42	56	70	63	67	76	78	67	59	60	71	85	74	60	61	70	70	75	72	70	64	59	62.6
	Minimum	27	18	29	33	32	30	27	37	28	31	32	33	37	32	46	43	53	45	32	26	41	51	35	26	28	41	55	52	46	39	35	36.1
Lancaster	Maximum	61	57	57	63	62	59	78	77	73	68	64	72	78	80	83	81	81	79	80	74	79	86	74	74	75	76	61	74	80	78	75	72.9
	Minimum	38	33	43	46	35	35	42	50	39	42	37	37	51	42	52	56	58	59	52	37	49	55	49	40	38	44	53	58	52	50	45	45.7
Lawrenceville	Maximum	57	62	54	52	54	55	74	69	61	51	54	72	68	67	81	66	68	73	74	75	85	85	64	66	76	75	61	74	74	68	63	66.9
	Minimum	33	32	33	38	41	37	37	49	33	33	33	39	34	40	48	44	50	53	46	35	51	57	52	35	35	40	55	58	55	45	42	42.3
Lebanon/	Maximum	45	59	48	61	60	59	78	68	66	50	65	74	78	80	87	76	81	76	68	73	83	86	70	72	76	66	68	75	78	73	70	69.7
	Minimum	30	35	43	43	38	37	39	50	42	42	40	41	50	46	56	60	57	59	52	40	45	58	52	40	41	49	54	54	54	50	52	47.1
Lewistown/-2 SW	Maximum	50	60	54	57	58	...	77	68	63	48	63	74	...	81	88	75	78	70	68	...	88	86	67	71	77	68	...	78	77	72	71	69.9[d]
	Minimum	38	29	30	44	43	39	37	...	40	38	38	39	40	43	...	50	50	55	51	37	40	...	53	39	38	38	54	...	57	50	49	42.9[d]
Lock Haven[6]	Maximum	60	60	56	59	54	53	77	73	65	56	65	77	72	80	85	80	74	73	69	77	89	87	68	73	80	69	65	82	77	74	70	70.9
	Minimum	39	29	40	43	39	41	38	54	35	38	39	40	52	42	55	49	60	54	52	37	47	57	51	37	37	48	56	59	57	46	51	45.9
Mareus Hook[1]	Maximum	57	62	52	69	67	65	78	69	69	62	63	73	81	81	88	87	87	78	67	75	79	88	80	72	81	75	67	80	81	73	74	73.5
	Minimum	41	40	45	49	48	46	48	58	52	47	43	47	60	55	60	59	58	65	51	49	59	65	60	50	54	52	58	61	64	59	56	53.5
Martinsburg[3]	Maximum	45	58	44	47	52	49	72	61	57	46	56	75	70	78	82	82	71	62	65	70	84	79	60	65	70	59	72	77	71	66	65	64.8
	Minimum	39	26	42	40	40	41	36	48	37	37	33	39	52	42	60	50	54	48	45	38	47	60	50	37	41	52	56	61	54	45	51	45.2
Mauch Chunk-1 SW	Maximum	58	56	56	55	..	58	71	71	62	58	58	70	70	75	82	....	71	74	75	73	77	84	....	67	74	75	63	64	76	75	68	68.5[c]
	Minimum	35	34	37	42	....	34	38	44	36	37	37	35	48	41	....	47	57	60	50	33	45	..	49	41	32	37	51	55	52	49	43	42.8[c]
Meadville/-1 S	Maximum	48	60	47	51	50	59	73	60	52	42	55	68	63	68	69	77	68	53	61	71	84	71	61	66	72	71	79	77	70	66	58	63.5
	Minimum	32	25	28	35	40	40	33	40	32	37	32	38	46	39	48	45	49	48	42	32	40	63	43	32	37	47	57	58	48	41	41	40.9
Mercer[3]-2.5 NE	Maximum	48	58	45	52	49	59	72	60	51	44	53	68	66	74	71	78	68	53	61	70	82	69	60	65	69	72	75	75	69	64	59	63.2
	Minimum	29	26	35	35	39	39	39	36	32	33	32	38	40	41	41	44	52	43	35	32	53	47	36	32	39	54	54	55	46	39	43	40.1
Middletown[1]-1.5 W.	Maximum	51	59	50	58	56	57	76	67	64	54	62	73	76	78	85	77	82	74	66	72	81	85	68	70	74	64	68	76	76	72	72	69.1
	Minimum	42	34	44	43	40	38	44	55	44	42	40	41	54	45	58	57	55	56	48	41	53	59	52	40	39	50	55	60	56	52	53	48.1
Midland[6]	Maximum	50	61	52	53	50	63	75	63	59	50	57	75	69	80	73	81	70	59	64	73	84	70	64	69	75	69	80	80	74	69	68	67.1
	Minimum	37	30	39	39	43	43	40	45	37	40	35	39	52	40	54	46	57	46	45	38	49	58	48	39	40	55	59	57	50	46	51	45.1
Montrose/-3 E	Maximum	40	56	47	...	...	...	...	...	...	...	...	...	...	65	78	72	73	72	53	70	74	81	58	60	72	70	....	64	70	60	52	64.4[k]
	Minimum	38	34	36	37	...	...	...	...	...	...	...	...	...	...	45	41	41	55	43	40	44	52	46	38	39	44	44	...	52	43	40	42.6[k]
Mt. Lebanon[6]	Maximum	50	59	52	51	53	61	74	65	59	49	58	74	73	80	80	84	68	58	65	72	84	75	65	70	73	64	78	82	74	69	68	67.3
	Minimum	36	31	43	38	41	41	43	47	36	40	34	38	54	48	58	48	56	45	44	37	55	56	46	38	40	56	54	61	49	45	48	45.4
Mt. Pocono[3]-2 N.	Maximum	41	53	44	51	53	53	70	57	54	41	51	65	61	71	76	67	71	72	50	66	72	80	61	61	69	69	53	65	72	61	53	60.7
	Minimum	32	32	34	39	35	34	38	45	34	31	31	41	48	42	49	46	54	50	38	34	48	53	42	38	32	41	45	52	51	52	41	41.1
New Bloomfield	Maximum	63	61	60	56	55	55	68	78	67	64	63	71	76	80	85	77	81	74	68	73	84	85	76	71	75	64	64	76	77	74	71	70.8
	Minimum	40	28	40	43	36	35	36	40	35	39	37	36	53	40	54	50	59	55	50	34	46	54	49	36	35	46	54	59	52	46	47	44.0
Newburg[1]-3.5 NW	Maximum	52	64	48	57	60	57	76	66	64	52	62	72	78	78	84	77	82	74	70	72	82	84	69	71	77	64	70	72	80	74	72	69.7
	Minimum	42	30	42	39	34	37	38	50	38	40	38	42	54	55	54	56	56	54	46	38	46	57	53	37	41	52	55	60	58	51	56	46.7
New Castle-1.5 N	Maximum	50	60	60	52	52	64	74	73	62	52	60	73	70	80	79	86	82	67	64	73	86	84	62	70	78	71	77	83	76	69	70	69.5
	Minimum	36	27	44	38	39	42	39	47	35	41	32	33	53	44	40	45	60	49	40	35	49	56	47	36	39	54	53	64	49	44	46	43.9
Palmerton[1]	Maximum	45	57	48	59	55	57	75	68	63	45	60	71	69	75	84	72	78	76	61	74	78	85	69	68	75	71	60	73	77	71	64	67.2
	Minimum	38	36	43	45	40	38	37	46	37	39	38	38	51	45	54	57	57	57	44	37	53	61	51	43	37	43	53	60	57	53	45	46.2
Park Place[3]-1 NW	Maximum	42	48	41	56	51	48	69	61	56	39	53	65	64	71	76	69	74	70	56	68	73	79	63	63	70	63	56	65	70	64	56	61.3
	Minimum	31	31	38	39	38	38	40	44	37	32	33	40	50	46	51	48	55	48	43	42	49	42	44	38	44	50	48	55	53	47	38	43.0
Philadelphia Arpt.[1]	Maximum	49	57	51	65	61	61	75	68	66	60	61	71	77	78	85	85	84	78	63	71	78	86	72	69	75	71	65	79	78	71	69	70.3
	Minimum	40	39	43	48	44	42	46	52	48	44	43	42	55	51	54	57	57	61	49	45	55	63	54	47	47	49	56	58	62	54	51	50.2
Philadelphia C.O.[1]	Maximum	54	57	50	64	60	60	73	67	64	59	60	70	76	76	85	83	83	79	61	73	76	86	70	68	74	71	64	77	79	71	68	69.6
	Minimum	40	42	44	49	46	47	48	57	52	42	42	49	59	58	58	58	56	60	51	48	55	64	59	52	56	55	56	58	64	57	53	52.7
Phila. Shawmont	Maximum	62	67	65	63	62	60	76	75	66	65	60	71	76	79	85	83	83	80	77	74	77	85	79	70	76	74	69	76	78	79	78	73.2
	Minimum	40	37	43	48	41	41	40	51	42	44	42	40	55	45	56	59	56	60	51	40	53	60	55	43	41	59	59	58	58	57	49	49.1
Philipsburg[3]-7 E	Maximum	42	55	42	46	49	47	71	60	54	43	51	71	68	73	78	77	65	61	63	68	83	79	58	65	69	61	62	74	69	64	64	62.4
	Minimum	20	22	36	37	36	33	32	38	27	32	30	37	37	30	49	44	50	44	32	27	51	47	39	33	27	53	53	52	47	38	38	38.1
Phoenixville-1.5 SE	Maximum	57	58	62	70	69	62	79	73	66	63	63	80	85	85	91	91	89	81	74	74	79	85	73	74	80	81	69	80	85	79	77	75.3
	Minimum	36	31	41	48	33	47	35	48	37	40	39	35	51	42	54	58	56	63	54	36	50	59	51	39	36	43	55	58	55	54	46	46.1
Pittsburgh Arpt Sta.[1]	Maximum	49	60	48	46	50	61	76	65	58	51	58	74	71	81	78	85	66	58	65	73	85	76	63	69	73	62	78	82	72	68	68	66.7
	Minimum	37	32	40	39	41	41	44	46	40	39	34	39	53	48	55	49	55	45	43	42	55	53	49	43	48	55	55	57	52	45	51	46.0
Pittsburgh City Office[1]	Maximum	51	60	52	50	51	64	75	65	61	50	60	76	72	81	81	85	69	58	66	74	86	77	65	70	74	66	80	84	75	72	69	68.4
	Minimum	39	33	44	42	43	44	46	48	43	41	39	44	53	50	54	51	58	47	47	42	54	55	51	44	45	58	58	61	55	49	53	48.1
Port Clinton/	Maximum	52	59	48	60	54	55	74	66	62	50	60	70	73	74	80	74	76	76	64	72	73	81	67	68	67	69	60	72	73	75	65	66.7
	Minimum	39	35	45	42	40	35	40	44	38	40	40	37	53	43	53	57	57	57	52	36	52	53	50	38	36	41	52	55	54	56	43	45.6
Putneyville-2.5 SE	Maximum	48	60	56	52	48	57	72	70	58	48	58	70	69	78	80	81	78	60	65	70	84	81	62	67	72	68	78	80	73	67	65	66.9
	Minimum	35	24	39	33	39	39	33	44	30	38	32	37	37	40	58	47	56	49	42	33	46	55	45	32	36	52	54	52	49	41	47	41.7
Quakertown-0.5 E	Maximum	60	58	64	57	59	60	72	71	64	60	58	69	73	77	84	84	81	76	73	71	75	83	70	66	73	73	62	74	75	73	67	69.7
	Minimum	37	32	39	44	40	32	56	50	38	44	38	35	52	40	55	57	53	61	65	44	49	59	52	39	34	39	51	55	54	51	45	46.5
Reading[1]	Maximum	49	57	49	62	60	57	77	68	65	52	61	72	76	78	86	78	82	78	66	74	80	85	70	70	76	70	62	76	77	72	68	69.5
	Minimum	39	38	44	45	42	44	46	55	46	42	42	43	56	51	59	61	58	60	51	45	57	61	52	46	45	49	55	60	59	55	53	50.3
Ridgway/	Maximum	44	62	47	49	41	51	73	63	56	40	60	73	66	74	80	81	69	58	67	74	87	78	63	70	78	70	77	81	76	69	65	65.9
	Minimum	35	21	23	32	31	38	29	29	26	29	33	33	38	34	35	46	46	52	44	30	30	43	45	29	30	32	54	55	54	40	41	36.7
Scranton[1]	Maximum	44	58	49	58	55	54	75	64	59	44	54	72	65	75	83	77	81	74	58	72	81	87	63	67	75	76	61	71	75	65	58	66.1
	Minimum	36	39	41	41	44	40	46	50	42	36	36	39	53	46	52	48	62	54	45	39	56	58	51	47	39	45	52	58	57	47	44	46.6
Selinsgrove	Maximum	61	58	61	59	55	56	74	72	65	60	62	70	71	75	82	81	79	74	70	70	79	82	75	71	73	72	63	75	76	70	69	69.7
	Minimum	38	34	41	42	42	38	41	53	39	39	38	39	53	40	56	45	59	56	51	35	53	56	53	36	36	45	54	58	57	48	47	45.9
Somerset	Maximum	54	57	55	46	49	53	75	73	56	54	53	73	68	79	80	85	77	59	63	73	84	81	60	65	71	68	77	79	74	66	66	66.9
	Minimum	33	20	38	36	36	37	32	45	38	39	33	30	54	34	53	48	53	42	41	29	41	51	42	29	30	50	54	52	48	43	49	40.6
Springs[6]-1 SW	Maximum	43	54	49	46	46	52	71	58	55	50	58	70	67	77	80	81	69	57	60	70	81	70	60	62	68	58	74	77	68	64	64	63.0
	Minimum	32	23	37	34	34	51	32	40	36	37	32	32	54	36	49	49	52	42	39	30	35	49	49	30	30	49	51	50	45	43	50	40.4
State College[1]	Maximum	47	60	50	53	51	51	74	66	57	49	57	75	70	79	82	80	70	66	65	72	86	82	62	68	75	65	61	78	73	68	67	66.4
	Minimum	39	29	40	40	41	39	46	46	36	37	35	45	52	49	58	48	57	49	47	39	57	51	44	37	39	57	56	60	54	43	49	45.8
Stroudsburg-2 E.	Maximum	62	60	60	54	60	59	76	78	68	60	59	72	72	77	84	83	78	82	79	74	78	86	70	70	74	76	70	73	80	79	73	71.8
	Minimum	36	34	35	44	43	42	36	54	35	38	39	35	52	43	52	53	58	62	52	35	49	54	47	40	38	34	46	50	52	50	40	44.5
Tamarack/-2 S	Maximum	42	54	39	50	49	50	71	62	56	35	58	72	64	71	81	76	61	66	69	71	86	78	61	66	71	65	56	73	73	60	59	62.7
	Minimum	33	28	29	32	34	34	36	40	32	32	30	32	40	42	44	40	40	51	42	39	41	51	44	35	36	46	51	52	50	38	38	39.1
Tionesta/-1.5 SE	Maximum	45	60	45	54	50	56	73	61	51	42	56	70	70	74	75	80	68	55	63	72	85	74	61	67	74	71	78	77	71	66	62	64.7
	Minimum	35	24	30	33	37	39	30	33	29	36	32	36	37	38	40	45	48	50	44	33	37	65	46	34	35	44	53	56	51	42	41	39.8
Titusville-2 S.	Maximum	47	60	59	52	51	52	72	72	56	48	55	68	63	69	72	77	78	67	61	70	82	81	60	64	72	71	77	76	76	67	63	65.7
	Minimum	33	20	40	32	39	38	34	42	31	36	31	39	48	40	53	45	55	48	42	29	51	55	43	29	34	49	55	59	49	39	38	41.2
Towanda-1 E.	Maximum	47	61	55	60	55	54	74	67	62	53	56	70	65	71	82	72	77	74	60	72	82	85	65	67	75	77	59	73	76	70	60	67.0
	Minimum	33	34	35	40	42	36	37	50	34	33	33	37	51	42	48	45	59	54	47	33	53	60	52	39	33	40	51	58	56	46	45	43.7

Continued on page 40.

Daily Temperatures for May 1945—Continued from page 39.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum..	59	66	60	51	50	61	77	74	64	59	61	76	75	83	86	87	84	62	68	76	86	83	66	70	78	73	80	84	75	73	71	71.5
	Minimum..	39	29	44	40	41	43	40	49	37	45	35	37	58	43	62	54	58	50	45	38	50	64	50	37	38	58	55	61	50	47	48	46.5
Vandergrift[1]	Maximum..	52	64	53	50	53	62	77	67	61	52	60	75	74	82	83	86	67	59	70	75	88	78	68	73	74	75	80	84	74	72	70	69.6
	Minimum.	37	28	41	38	42	43	38	50	36	41	35	39	55	43	59	52	59	50	48	37	40	59	48	37	35	37	56	60	49	46	51	44.8
Warren	Maximum..	42	62	55	50	47	48	71	66	51	45	54	69	66	62	72	75	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum..	35	26	34	35	40	39	31	43	35	33	30	39	51	40	50	46	57	47	44	34	50	50	48	33	35	47	55	59	53	40	40	41.9
Waynesburg	Maximum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wellsboro/	Maximum..	43	57	46	58	52	54	73	64	57	37	54	71	63	71	79	71	66	71	60	74	85	82	64	65	74	70	60	74	74	65	59	64.3
	Minimum..	33	28	34	35	38	36	33	35	29	32	32	34	38	35	37	42	42	54	45	39	42	54	49	31	31	36	42	54	54	42	41	38.3
West Chester	Maximum..	57	58	55	61	60	60	75	70	65	61	60	71	77	78	85	84	82	76	71	72	77	84	70	68	74	70	60	76	76	70	69	70.1
	Minimum..	37	35	42	46	48	42	43	51	45	44	39	41	44	48	54	61	56	60	52	44	51	61	53	44	45	49	53	56	57	53	49	48.4
Wilkes-Barre[3]	Maximum..	45	60	50	64	58	58	75	63	62	43	57	72	67	75	83	76	80	76	59	71	81	86	65	68	76	74	62	72	76	68	61	67.2
	Minimum..	40	39	40	45	37	37	44	41	39	37	35	40	46	43	51	48	61	54	40	36	52	54	46	42	37	44	52	58	55	48	39	44.5
Williamsport Arpt.[3-4 E]	Maximum..	48	57	48	60	51	53	74	66	60	45	60	74	68	75	83	74	76	72	64	72	79	85	65	69	74	68	60	74	76	71	63	66.4
	Minimum..	38	37	42	44	40	42	40	45	38	37	39	41	46	43	51	48	62	52	40	42	54	54	46	40	38	56	56	60	57	48	40	45.7
Williamstown	Maximum..	60	57	56	61	58	54	75	75	66	60	60	72	72	77	84	83	78	77	69	71	80	84	74	68	75	74	61	75	75	69	69	70.0
	Minimum..	37	31	40	44	37	34	39	53	41	39	38	36	52	41	53	52	59	58	50	34	47	55	50	38	33	41	52	59	56	49	44	44.9
Woodward[3-2 NE]	Maximum..	41	54	41	49	48	52	70	61	57	40	57	70	68	74	81	71	70	67	60	68	82	82	61	64	71	60	56	70	71	65	61	62.5
	Minimum..	33	30	33	37	35	35	41	40	34	31	31	41	48	44	48	44	55	44	43	41	50	46	40	37	45	50	50	54	47	39	39	41.4
York-3 SW	Maximum..	66	61	60	61	63	58	77	77	69	67	64	76	78	83	89	89	81	78	78	75	85	87	79	72	78	79	70	78	81	81	75	74.8
	Minimum..	43	31	46	48	36	35	39	56	38	45	39	38	55	42	60	58	66	60	53	37	51	59	51	36	38	49	56	62	52	52	45	47.4

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.28	24	29.47	8	8.2	27	sw.	22	80	69	74	53	399
Harrisburg	30.24	25	29.47	10	9.3	30	n.	19	75	53	60	62	202
Philadelphia	30.24	27	29.43	10	9.8	32	w.	22	77	53	64	59	192
Philipsburg	30.24	25	29.54	10	11.4	40[a]	sw.	22	79	58	63	....	458
Pittsburgh	30.24	24	29.59	10	10.7	37	nw.	16	78	49	54	53	284
Reading	30.22	25	29.44	10	18.1	50	w.	22	71	52	51‡	58	197
Scranton	30.24	25	29.45	10	7.0	26	nw.	30§	79	46†	....	49	290

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.5	5.8	19	3.5	27	18
Easton	Delaware	5.8	7.8	20	4.0	27	22
Lehighton	Lehigh	4.5	5.9	19	3.9	1	9
Reading	Schuylkill	6.1	8.5	11	4.8	1†	13
Wilkes-Barre	N. Br. Susquehanna	9.2	15.2	19	5.6	31	22
Williamsport	W. Br. Susquehanna	7.3	14.9	19	4.1	27	20
Newport	Juniata	6.2	12.3	18	4.8	31	22
Harrisburg	Susquehanna	6.3	9.9	20	5.0	27	17
Schenley, (nr) Lock No. 5.	Allegheny	15.6	19.1	18	13.1	31	24
Sutersville	Youghiogheny	5.4	10.8	11	3.8	28	20
Charleroi (nr.), Lock No. 4	Monongahela	14.2	22.7	11	11.5	31	30
Pittsburgh	Ohio	*	17.9	11	*	.....	25
Midland, Dam No. 7	Ohio	*	21.5	11	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Hawley, 1 S.	"	Wallenpaupack Dam (Evaporation)
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Shaver Creek (Evaporation)
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—8-7-45—975)

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CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. L. JUNE 1945. No. 6.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

June made her debut with the arrival of snow traces at Coudersport, Eagles Mere, Gouldsboro, Hollisterville, and Scranton, the third occasion of record in 58 years. Previously it had been noted at Cassandra, Hanover, and Wilkes-Barre June 1, 1907, and at Mt. Pocono on June 23, 1918.

The attending cold which remained ten days (averaging 9° below normal, and accumulating the entire month's deficiency) necessitated fires being rekindled with diminishing fuel supplies. A number of long standing records for the lowest June temperatures were equalled or lowered on the first in the southeast and widespread on the 6th over western and northern plateau counties. Damaging frosts on the latter date recalled to the minds of many residents the stories of the "Year of the Frost" (1859) when everything was wiped out west of the mountains by a late frost.

By the 10th, the temperature reached the normal level for June and continued above to the end, with but brief interruptions. During the 12-day period (10-21st) there were thunderstorms reported some place in the state every day. Storm damage was reported on the 13th from Mechanicsburg and Philadelphia. The next day was the warmest of the year to date, and deaths from prostration and drownings began to mount. Heavy afternoon thunderstorms produced damage from Martinsburg to Carlisle on the 15th. Two days later a loaded Pittsburgh trolley was struck by lightning and 21 persons were injured. The first day of summer (21st) was attended by the passage of a cold front which set off a series of vigorous thunderstorms, spreading minor damage across the state.

A high cloud cover noted over the eastern portion of the state on the 26th was the evidence of the season's first tropical disturbance. It passed up the coast, well to the east, in the next 24 hours.

The most violent storms of the month occurred on the 28th, causing one death near Williamsport, and half to a million dollars in damage from Lycoming to Philadelphia Counties. Much hail was reported in these storms; at Liverpool hailstones the size of walnuts covered the ground, broke windows, flattened crops, stripped trees, and damaged tin and shingle roofs not previously harmed by wind or lightning. Elsewhere mostly wind, rain, and lightning caused damage, but hail was of less severity.

June's departure was not without strong contrast to its debut. The early morning (low) temperatures of the 30th were probably the highest of record.

The accumulated precipitation departure since the first of the year is +1.58 inches, and excesses for the first three months of the growing season are general, with the exception of deficiencies beginning in a number of western counties. Field crops have improved during the month, although cold at the beginning, too wet in the east, and quite dry in the west. Fruit prospects have declined; frosts, thunderstorms, and hail, in various localities, all combined to produce a heavy drop of fruits.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 83 stations was 66.7°, which is 1.5° below the 58-year normal for June. The highest monthly mean was 75.4° at Marcus Hook, and the lowest was 60.2° at Kane. Extremes ranged from a maximum of 103° at Marcus Hook on the 30th, to a minimum of 27° at Kane on the 6th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 198 stations, was 4.07 inches, which is 0.06 inch below the 58-year normal for June. The greatest monthly amount was 7.10 inches at Bradford, while the least was 1.56 inches at Gettysburg. The greatest amount recorded in any 24 consecutive hours was 2.66 inches at Millersburg on the 28-29th.

ERRATA

January, 1940.—Page 2, Claysville, precipitation departure should be 2.22 inches.
Annual, 1940.—Page 74, Claysville, total precipitation should be 43.78 inches. Page 76, Claysville, departure in January should be —2.22 inches, total precipitation should be 43.78 inches, departure should be +3.48 inches.

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	68.4	100	30	3.04	.....	9	12	11	7
1889	66.7	95	33	5.43	.....	15	5	12	13
1890	70.1	97	33	3.42	.....	9	12	11	7
1891	68.2	100	30	4.50	.....	11	14	8	8
1892	71.8	99	40	5.64	.....	13	9	11	10
1893	69.8	100	38	3.12	.....	9	10	11	9
1894	69.6	102	30	2.57	.....	10	13	12	5
1895	71.4	104	32	3.50	.....	9	13	10	7
1896	67.4	98	32	4.64	.....	11	10	11	9
1897	64.8	96	28	3.38	.....	11	11	11	8
1898	69.6	100	33	2.79	.....	9	14	11	5
1899	69.9	101	32	3.51	.....	9	13	11	6
1900	69.9	97	35	3.60	.....	10	11	12	7
1901	69.1	103	32	3.47	.....	10	12	11	7
1902	66.0	97	32	5.97	.....	13	11	12	7
1903	63.5	90	34	6.53	.....	15	7	10	13
1904	67.9	96	32	4.06	.....	13	12	10	8
1905	68.0	99	30	4.39	.....	13	11	10	9
1906	69.3	97	28	5.43	.....	13	11	12	7
1907	63.6	98	30	4.99	T.	12	11	9	10
1908	68.8	102	28	2.36	.....	7	19	9	2
1909	68.8	96	34	4.48	.....	13	12	9	9
1910	65.4	95	32	4.31	.....	11	12	8	10
1911	68.3	99	38	4.71	.....	12	12	10	8
1912	65.6	96	29	3.36	.....	8	13	9	8
1913	68.2	99	20	2.26	.....	7	19	7	4
1914	68.6	101	25	3.71	.....	9	16	8	6
1915	65.6	92	31	4.00	.....	11	14	10	6
1916	63.7	89	28	6.14	.....	15	11	10	9
1917	66.8	92	32	5.38	.....	14	12	11	7
1918	66.0	98	29	3.46	T.	10	13	11	6
1919	71.2	102	32	3.90	.....	10	16	9	5
1920	67.0	99	32	4.97	.....	13	12	11	7
1921	70.6	101	26	3.12	.....	8	17	9	4
1922	69.5	96	30	5.11	.....	13	11	11	8
1923	70.9	103	32	2.73	.....	9	16	9	5
1924	65.8	98	26	5.57	.....	15	11	11	8
1925	71.9	104	29	3.04	.....	9	16	11	3
1926	64.1	94	23	3.63	.....	12	13	10	7
1927	63.8	99	25	3.72	.....	9	15	8	7
1928	65.5	93	30	7.96	.....	17	9	9	12
1929	67.8	98	28	3.56	.....	10	15	10	5
1930	69.1	100	22	4.20	.....	9	17	8	5
1931	68.5	102	28	3.71	.....	9	16	5	6
1932	68.5	98	26	3.15	.....	11	13	9	8
1933	70.9	107	28	2.58	.....	9	18	8	4
1934	72.9	104	35	3.64	.....	9	17	9	4
1935	67.4	96	33	4.22	.....	12	13	9	8
1936	68.5	100	33	3.80	.....	10	14	9	7
1937	69.5	99	38	4.37	.....	12	13	9	8
1938	67.1	99	32	5.14	.....	11	12	10	8
1939	69.9	101	35	4.46	.....	13	12	9	9
1940	67.8	95	31	4.11	.....	13	10	11	9
1941	68.6	99	31	4.95	.....	12	14	7	9
1942	69.0	96	34	3.82	.....	13	10	10	10
1943	73.0	101	35	3.33	.....	10	13	11	6
1944	69.3	100	29	4.53	.....	12	10	11	9
1945	66.7	103	27	4.07	T.	14	9	11	10
Period	68.2	107	20	4.13	T.	11	13	10	7

Climatological Data for June 1945

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	68.4	−1.4	96	30	39	1	5.59	+1.59	1.54	19-20	0	18	3	14	13	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	66.0	−0.8	93	30	37	5†	2.43	−1.67	0.40	3	0	14	15	13	2	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	68.2	.....	100	30	31	6	2.91	.....	1.77	17-18	0	11	13	6	11	s.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	77	68.1	−3.0	95	29†	38	1†	2.08	−1.87	0.45	15	0	9	17	7	6	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	69.4	−0.9	99	30	35	6	1.93	−2.02	0.58	10-11	0	9	16	10	4	sw.	Charles A. Bender.
Coatesville	Chester	431	58	72.4	+2.0	98	30	43	1†	4.42	+0.21	1.05	28-29	0	12	7	11	12	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	3	62.2	.....	87	30	31	6	3.36	.....	0.85	29-30	0	16	2	12	16	nw.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	62.6	.....	87	24†	33	1†	4.99	.....	0.83	2-3	T.	16	10	10	10	se.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	65.6	.....	90	30	38	5	3.12	.....	0.94	10-11	0	14	4	13	13	nw.	U. S. Weather Bureau.
Emporium‡-1 E.	Cameron	1,100	59	62.4	−1.6	92	29	31	1	3.69	−0.69	0.93	1-2	0	14	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	71.2	+1.3	97	30	41	1	5.54	+1.17	1.72	28-29	0	12	4	20	6	w.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	67.6	+0.1	97	29†	36	7	3.80	−0.87	1.05	17-18	0	14	10	9	11	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	64.7	−0.4	90	14	38	2	3.82	1.03	0.82	2-3	0	17	8	5	17	w.	Andrew B. Evansha.
George School	Bucks	184	39	70.2	+0.6	96	30	40	1	5.49	+1.72	1.97	18-19	0	12	16	6	8	sw.	N. W. Swayne.
Gettysburg	Adams	500	72	70.6	+0.2	97	30	42	6	1.56	−2.22	0.35	10-11	0	9	18	7	5	s.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	66.8	+0.5	93	30	34	7	4.05	−0.37	1.90	28-29	0	14	15	6	9	sw.	Miss Sallie M. Johnson.
Hanover	York	600	41	71.2	−0.4	99	30	41	6	1.82	−2.13	0.39	19-20	0	11	13	9	8	w.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	71.4	+1.1	97	14	43	6	3.95	+0.36	1.14	19	0	11	2	14	14	w.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	35	64.4	−1.8	95	15	33	1	6.08	+2.18	1.31	21	0	18	10	13	7	nw.	Penna. Water & Power Co.
Holtwood	Lancaster	200	30	72.7	−0.1	95	29†	47	6	3.44	+0.09	1.04	28-29	0	13	8	15	7	s.	Paul R. Yoder, Jr.
Huntingdon	Huntingdon	700	58	67.7	−1.0	95	29†	34	6	4.15	+0.06	0.94	2-3	0	12	12	9	9	nw.	Lancaster Water Bureau.
Lancaster	Lancaster	255	58	70.2	−0.1	95	30	37	1	5.42	+1.42	2.00	28-29	0	14	22	2	6	nw.	Carlos P. Darling.
Lawrenceville	Tioga	996	48	64.9	−1.4	93	14†	31	1	4.15	+0.35	0.74	1-2	0	14	10	12	8	n.	Lebanon Valley Gas Co.
Lebanon	Lebanon	469	61	70.6	+0.6	97	30	40	6	3.20	−0.98	1.53	28-29	0	13	16	7	7	sw.	Penna. Dept. of Highways.
Lewistown-2 SW	Mifflin	580	7	67.3§	.....	95	30	37	6	3.17	.....	1.17	2	0	14	11	14	5	.....	William R. Kelley.
Lock Haven	Clinton	557	54	68.4	−1.4	92	14	35	1	3.88	−0.23	1.00	28-29	0	13	11	10	9	e.	Sun Oil Co.
Marcus Hook‡‡	Delaware	12	19	75.4	0.0	103	30	47	1†	4.22	+1.37	1.02	19-20	0	13	17	5	8	s.	U. S. Weather Bureau
Martinsburg	Blair	1,493	3	66.0	.....	92	30	36	5	5.34	.....	1.84	15-16	0	16	2	22	6	w.	Harry S. Fancher.
Montrose-3 E.	Susquehanna	1,176	40	62.5	−1.2	88	14†	32	1	5.14	+1.16	1.13	28	0	20	5	10	15	s.	U. S. Weather Bureau.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	61.6	.....	88	15	32	1	6.20	.....	1.38	15-16	0	17	6	10	14	n.	New Jersey Zinc Co.
Palmerton	Carbon	455	27	67.2	−1.2	93	30	37	1	4.26	−0.06	1.06	2	0	15	15	7	8	sw.	U. S. Weather Bureau.
Philadelphia Airport	Philadelphia	10	4	71.5	+0.9	97	30	44	1	3.77	+0.53	0.99	21	0	15	2	17	11	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	61.4	.....	88	30	28	7	4.91	.....	1.66	2	0	17	2	10	18	w.	Phila.-Suburban Water Co.
Phoenixville-1.5 SE.	Chester	100	36	71.6	−0.1	99	30	35	1	3.70	−0.19	1.04	19-20	0	14	19	4	7	sw.	Earl E. Rarick.
Port Clinton‡‡	Schuylkill	407	7	67.0	−2.2	94	15†	38	1†	4.35	−0.11	0.75	28-29	0	13	19	7	4	n.	John E. Benner.
Quakertown-0.5 E.	Bucks	480	60	69.1	+0.6	94	30	36	1	5.63	+1.69	1.43	28-29	0	14	14	10	6	sw.	U. S. Weather Bureau.
Reading	Berks	273	75	71.7	+1.4	97	30	45	1	5.02	+1.47	1.72	19-20	0	13	3	16	11	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	66.6	−1.2	93	15	40	1	4.30	+0.63	1.03	15	T.	18	4	17	9	n.	Dr. George E. Fisher.
Selinsgrove	Snyder	476	55	68.0	−1.1	93	15	37	2	5.43	+1.51	2.30	28-29	0	16	8	12	10	sw.	Penna. State College.
State College	Centre	1,217	60	67.4	+0.4	94	30	38	6	3.19	−0.90	0.97	1-2	0	16	6	14	10	sw.	Metropolitan Edison Co.
Stroudsburg-2 E.	Monroe	440	26	67.8	+0.4	96	15†	35	1	5.13	+0.36	1.18	19-20	0	17	12	9	9	nw.	James E. Swartz.
Tamarack-2 S.	Clinton	2,250	5	62.0	.....	87	29	34	1	4.42	.....	0.91	28-29	0	13	4	12	14	w.	Mrs. M. Ordelia Parks.
Towanda-1 E.	Bradford	754	51	65.4	−0.6	92	14†	34	1	4.34	+0.63	0.93	1-2	0	17	6	14	10	nw.	M. S. Bliss.
Wellsboro	Tioga	1,319	75	62.4	−2.2	91	29	29	1	3.00	−0.79	0.74	1	0	16	8	14	8	w.	Clyde T. Saylor.
West Chester	Chester	440	96	70.2	+0.5	96	30	41	1†	5.66	+1.41	1.90	18-19	0	15	15	8	7	w.	Civil Aeronautics Authority
Wilkes-Barre ‡‡	Luzerne	544	7	66.8	.....	93	15†	36	1	6.47	+2.49	1.24	15-16	0	18	3	14	13	nw.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	1	67.2	.....	92	14	36	1	3.07	.....	0.97	25	0	15	1	19	10	sw.	Gordon E. Lower.
Williamstown ‡‡	Dauphin	775	29	67.4	−0.9	93	14†	36	7	5.05	+0.77	2.63	28-29	0	12	3	19	8	.....	U. S. Weather Bureau.
Woodward-2 NE.	Centre	2,191	4	63.4	.....	88	30	36	5	4.67	.....	1.54	28	0	15	2	8	20	w.	York Water Co.
York-3 SW	York	390	57	71.4	+0.9	100	30	37	6	3.35	−0.40	0.94	28-29	0	10	12	11	7	w.	
Division mean				**67.6**	.....	**103**	**30**	**28**	**7**	**4.18**	.....	**2.66**	**28-29**	T.	**14**	**9**	**11**	**10**	w.	
Ohio Drainage																				
Bradford-4 W.	McKean	1,680	28	62.6	−2.9	88	29†	29	1†	7.10	+2.44	1.73	1-2	0	18	2	12	16	w.	City Water Dept.
Brookville	Jefferson	1,400	55	63.4	−0.6	90	30	31	6	3.93	−0.31	0.89	13	0	15	1	13	16	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	32	67.0	−1.6	93	15†	32	6	2.73	−1.70	0.89	16-17	0	12	15	10	5	nw.	Butler Eagle.
Clarion‡‡-3 SW	Clarion	1,114	35	66.1	.....	94	21	31	6	5.20	+1.04	1.81	13-14	0	14	4	7	19	e.	Penna. Electric Co.
Claysville	Washington	1,170	42	65.1	−4.1	91	14†	32	6†	3.91	−0.52	1.07	17	0	11	10	12	8	s.	Walter B. Paget.
Corry	Erie	1,410	31	62.6	−2.8	90	29	30	6	6.03	+1.24	1.45	1-2	0	14	14	9	7	sw.	J. Fred Kinley.
Coudersport‡‡	Potter	1,653	21	61.8	−2.7	90	29†	28	1	4.33	−0.30	1.08	2	T	13	8	11	11	ne.	Potter Enterprise.
Derry	Westmoreland	1,150	48	68.1	−0.9	94	30	34	6	3.39	−1.41	0.73	17-18	0	12	10	15	5	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	64.6	.....	90	30	31	7	4.33	.....	0.87	2	0	14	12	14	4	w.	Penna. Turnpike Comm.
Donora‡‡	Washington	761	19	70.2	−1.8	96	29†	39	6†	3.16	−0.20	0.68	17	0	12	6	9	15	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	62.9§	−2.1	88	29	34	5†	3.53	−1.06	0.92	2-3	0	13	11	3	16	w.	Miss Emma H. Eastman.
Farrell	Mercer	855	32	70.0	+0.4	97	29†	37	6	2.27	−1.19	1.13	13	0	15	13	8	9	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	2	66.2	.....	94	30	34	6	3.94	.....	0.88	2-3	0	14	12	6	12	w.	U.S. Engineers.
Franklin	Venango	987	71	64.5	−1.8	91	29	32	6	3.16	−1.14	2.10	30	0	16	15	9	6	s.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	36	66.2	−2.7	91	30	33	6	2.97	−1.43	0.72	16-17	0	13	12	8	10	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	64.0	.....	90	29	28	6	2.63	−0.78	0.72	28	.....	14	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	68.2	−1.2	96	29	37	6†	3.84	−1.17	1.28	14	0	14	13	5	12	sw.	Johnstown Tribune Pub. Co.
Kane-1 N.	McKean	1,750	30	60.2	.....	90	29†	27	6	5.28	+0.54	1.67	1-2	0	18	6	5	19	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	64.0	−1.9	92	30	32	6	3.81	−0.23	0.89	15	0	14	5	12	13	sw.	City of Meadville.
Midland	Beaver	780	9	68.8	.....	94	29	37	5	3.43	.....	0.97	2	0	11	10	5	15	.....	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	67.6	−1.5	94	29	34	5	2.71	−1.49	1.02	13	0	15	9	19	2	sw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	68.5	−0.1	92	29†	38	5	3.65	−0.16	1.09	16-17	0	12	6	12	12	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	64.8	.....	92	30	32	6	2.91	.....	1.08	2	0	13	5	13	12	sw.	U. S. Engineers.
Ridgway	Elk	1,385	38	63.0	−1.4	92	30	31	7	4.79	+0.58	0.84	2-3	0	16	5	9	16	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	63.6	−1.7	89	14†	30	6†	3.74	−1.28	0.85	2-3†	0	14	3	15	12	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	61.8	−2.2	86	14†	31	6	3.97	−1.28	0.87	2	0	15	4	15	11	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	64.2	.....	90	30	33	6	5.67	.....	1.59	15-16	0	15	9	9	12	w.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	62.8	.....	89	29	28	6	3.51	.....	0.68	26	0	16	1	15	14	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	69.4	−0.9	95	30	35	6	4.53	−0.22	0.98	10-11	0	15	9	16	5	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	69.1	−0.7	95	29†	36	6†	3.88	−0.59	1.58	2	0	11	5	22	3	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	57	63.5§	−2.0	.....	.....	30	7	6.33	+1.89	1.40	1	0	16	13	14	3	se.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	67.5§	−3.0	92	30	33	6	3.32	−0.88	0.73	9-10	0	8	5	16	9	sw.	Thomas S Knox.
Division mean				**65.4**	.....	**97**	**29†**	**27**	**6**	**4.00**	.....	**2.12**	**1-2**	T.	**14**	**8**	**11**	**11**	sw.	
Lake Drainage																				
Albion	Erie	900	2	64.8§	.....	93	29	32	6	4.47§	.....	0.83	15	0	13	17	4	9	nw.	Samuel D. Lewis
Erie	Erie	705	72	64.8	−1.4	88	14	42	1	4.85	+1.51	1.96	1-2	0	14	7	11	12	w.	U. S. Weather Bureau.
State mean				**66.7**	**−1.5**	**103**	**30**	**27**	**6**	**4.07**	**−0.06**	**2.66**	**28-29**	T.	**14**	**9**	**11**	**10**	sw.	

[See page 48 for explanation of reference marks.]

Daily Precipitation for June 1945

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike		.17	.53	.24	.47	.20					.04	.01				.15	1.11	.04	.53	1.13		1.23					.40		.05			6.29
Hawley[2], 0.5 E	Wayne		.32	.35	.25	.39	.08	.02			T.	.08	.02		.50		.68		.11	.37	.46	.17	1.31					.72	19		.06			6.08
Hollisterville[2]	Wayne		.27	.52	.24	.26	.06	T.			T.	.02	.01		.07		1.43		.23	1.05	.49	.02	.59					.82	.06		.11			6.25
Lakeville[2], 1 N	Wayne		.36	.40	.29	.32	.08	.09				.09	.01		.59		.68		.16	.98	.59	T.	.95					.53	.03		.05			6.20
Matamoras[2]	Pike		.14	.42	.15	.42	.07					.04	.12				.66	.44	.31	.37	1.14		.24					.05	1.45			.07		6.09
Mount Pocono[3], 2 N	Monroe	.10	.99	.11	.19	.13					.26	.02	.05	T.		1.38	.55	T.	.53	.54	.35	.30					.56	.03		.11			6.20
Pleasant Mount[1, 5], 1 W	Wayne	.04	.77	.86	.16	.15				.05	.16		.01	.40		.09	.43			.08	.50	.21					.05	.15		.70			4.31
Stroudsburg, 2 E	Monroe	.02	.80	.88	.19	.47					.21	.03	.02	.17			.09	.44	.02	.18	1.18		.26					.11			.06			5.13
Tanners Falls[1, 5], 1 SE	Wayne	.01	.52	.30	.23	.29					.06		.07	.11		.47	.71		.15	.10	.31	.07					.05	.08		.12		.01		3.96
LEHIGH																																	
Allentown Arpt[1], 4 NE	Lehigh	.04	.82	.08	.16	.56					.36	.11	.02	02		.12	14		.35	.57	.97	.62						.16		.18	.31	T.		5.59
Allentown[2]	Lehigh		.39	.56	.03	.17	.20				.28	.19	.05		T.		.08	.34		.24	1.70		.38						.07		.48			5.16
Bethlehem[1]	N'rthampton	.03	.83	.05	.24	.32					.29	.06	.06			.01	.14		.35	.56	.83	.42						T.		.16	.11			4.46
Blakeslee Corners[1, 5]	Monroe	.10	1.32	.15	.07	11					.03			.03		1.74	.32	.22	.17	.53	.26	.16					.20			.12				5.55
Gouldsboro[2]	Wayne		.30	.72	.18	.24	.08				T.	.10	.10		.05		2.12		.41	.14	.48	.06	.48					.34	.10	.18				6.08
Lansford[2]	Carbon		.18	*	.77	.06	.10				*	.95		.02			.35	*	.86	.25	.41		.49								.26	.05		1.75
Mauch Chunk, 1 SW	Carbon	.03	.56	.43	.04	.08	.04				.20	.35	.01	T.			.25	.34	.34	.28	.61		.48					T			.24			4.31
New Tripoli	Lehigh	T.	.51	.34	.03	.17					.94	.18		.06			.31	.36	.40	.17	.68		.06					.04			.43	T.		4.68
Palmerton[1, 5]	Carbon	.13	1.06	.02	.02	.07					.34	.17		.01		.08	.18		.53	.44	.64	.39						T.		.18				4.26
Zionsville, 1 SW	Lehigh		.12		.20	.63	.07				.80	.12	.05	.08					.05	.38	1.21	.10	.65					.10			1.10			5.66
SCHUYLKILL																																	
Conshohocken	Montgomery		*		*	*					*	*		*	*			2.30	.09	.23	.82	.11	.96					.03			.73			5.27
Fredericksville[2], 1 S	Berks		.08	.31	.06	.10	.06				.52	.38	.14		f			.07		.27	1.54		1.43						.01		.79			5.76
Gratersford[2]	Montgomery				.19	.06	.21				.18	.83	.16		.11					.26	1.01		.36					.04			.84			4.25
Phoenixville[2], 1.5 SE	Chester		.02	.04	.01	.11	.04				.33	.81	T.		.03			T.		.15	1.04		.67					.02	T.	.06	.37			3.70
Port Clinton[2]	Schuylkill		.52	.38	.03		.10				.40	.39	.04				.42	.62		.12	.48							.10			.75			4.35
Pottstown[2], 0.5 S	Montgomery		.06	.15	.06	.11	.02				.18	.79	.04	T.						.43	1.08		.23							.02	.93			4.10
Pottsville[2]	Schuylkill		.10	.50		.04	.02				.34	.36	.01		.05		.35	.02	.15	.32	.37		T.						T.		1.27			3.90
Reading[1, 5]	Berks	T.	.22	.03	.02	.07					.65	.28	T.	T.		T.	.02		.44	1.20	.58	.60						T.		.69	.22			5.02
Wernersville	Berks	T.	.13	.08	T.	.05					.59	.59	T.					.32	.38	.22	.88		.78							T.	.98			5.00
LOWER DELAWARE																																	
Coatesville[6]	Chester		.53		.02						.50	.36		.09				.01	.60	.29	.26		.71					T.		.91	.14			4.42
Doylestown	Bucks	T.	.31	.14	.08	.30	.02				.27	.22	.06					.17	T.	1.57	1.82		.53					T.			.81			5.80
George School[6]	Bucks		.09	.10	T.	.23					.22	.41	T.	.02					.03	1.97	.22		1.00	T.				.01			1.19			5.49
Marcus Hook[2]	Delaware		.57	.03	.02	.08	.02				.20	.47								.30	1.02		.69					.02	T.		.78	.02		4.22
Philadelphia Airport Station[1, 5]	Philadelphia		.19	T.	.05	.15					.46	.01	T.	.06			.16	.11	.03	.98	.01	.99						.01		.44	.12			3.77
City Office[1, 5]	Philadelphia		.43	.04	.03	.37					.46	T.		.36			T	T.	.01	.91	T.	.74						T.		.61	.02			3.98
Shawmont	Philadelphia	T.	.05	T.	.05	.38	T.				.62	1.06		.08	.45				F.	1.60	.52	T.	.90					.02			.70	.03			6.46
Quakertown, 0.5 E	Bucks		.28	.17	.10	.19	.13				.50	.17	.05	.02					T.	15	1.06	.82	.56								1.43			5.63
West Chester	Chester	T.	.31	.01	.03	.03	.09				.61	.35		.19	.01			T.	.20	1.26	.64		1.26							.64	.03			5.66
West Grove[2], 1.5 SE	Chester		.20	.09	T.						.78	.02			.20			.04		.58	.96		.67								1.06			4.60
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.44	.42	.14	.02	.05					.05	.08		.36		.13	.15	.03	.09			.36						.03						2.35
Covington[2]	Tioga		1.08	.44	.02	.04						.08	.03				.18				.18						.52			.09			2.66
Lawrenceville	Tioga	.03	.74	.36	T.	.12	T.			.06	.15	.18		.62		T	.50	.14	.54			.32					.05			.34			4.15
NORTH BRANCH																																	
Berwick[2]	Columbia																																
Canton[2], 1 NW	Bradford		.67	.42	.13	.12	.13	.07		.11		.05	.03		.27		1.02	.11		.03	.33		.04					.28			.51			4.32
Danville[2]	Montour		.18	1.02		.10	.39				.33	.10	.05		.09		.03	.05		.15	.88		.15						.38		1.85			5.75
Freeland[2]	Luzerne		*	1.04	.02	.15	.17		.04	T.	.12	.16	.15		.09		.42	.02	T.	.58	.54		.08					.03			.21			3.82
Hop Bottom[2], 2 S	Susquehanna		.49	.61	.31	.26	.05			T.	.08	.16			.23		.11	.06	.31	.05	.42		.27					.16	.02		.94			4.53
Millville[1, 5]	Columbia	.42	.68	.13		.04	.02				.18					.30				.18	.25	.10				.50	.32		.17	.03			3.32
Monroeton[2], 2 S	Bradford	T.	.62	.53	.20	.08	.17	.02		.02	T	.12	.06		.77		.32	.19	.42	.01	.32	T.	.18					.25	T.		.19	.05			4.52
Montrose[2], 3 E	Susquehanna	T.	.46	.50	.24	.33	.14	.03		.07	.04	.19	.09		.32		.22	.05	.26	T.	.49	.04	.35					.18	.01		1.13			5.14
Orwell[2], 3 N	Bradford		.60	.26	.18	.14	.05	.14			.03	.10	.07		.34	.79	.38	.34	.02		.15		.25					.19	T.	.49	.10	.12			4.74
Park Place[3], 1 NW	Schuylkill	.06	.96	.01	1	.27					.63	.06	.06	T.		.14	.03		.17	.39	.09	.04					T.		.61	.01			3.53
Pikes Creek[1, 5]	Luzerne	.26	.88	.04			.10			.10	.14			.14		.70			.95	.10	.45	.14				.54	.26		.41	.12			4.43
Rush[2]	Susquehanna		.63	.56	.10	.23	T.	T		.02	T.	.06	.01		.41		.10	.15	.12	.07	.22		.45					.10			.59			3.82
Scranton[1, 5]	Lackawanna	.01	.74	.20	.08	.14				T	.04	.02	.04	.28	T.	1.03	.40		.13	.22	.39	.12				.10	.14		.22					4.30
Susquehanna[2]	Susquehanna																																
Towanda, 1 E	Bradford	.01	.93	.17	.06	.08	.01	T.		T.	.10	.03	.05	.36		.82		.81		T.	.22	.12	.05					.22		.30		T			4.34
Tunkhannock[1, 5]	Wyoming	.13	.67	.11	.22	.06				.02	.05	.05	.05	.05		.12	.12			.10	.27	.16				.14	.10		.27					2.69
Wilkes-Barre[3], 3 N	Luzerne	.21	.90	.13	.03	.10					.23	.14	.01	.04		1.24	.26		.12	.34	.52	.91				.72	.30		.27		T.			6.47
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga		1.38	.69	.02	.06						.09	.01		.14		.01	.34	.13	.04	T		.32					.06	T.		.21			3.50
Carrolltown[2]	Cambria	T.	.03	1.27	.23	T.					.06	.30	.79	.02	.41		.35	.24		.12	.11		.31											4.24
Carter Camp[2]	Potter		1.26	.71	.07		T.					.14	.06		.15		T.	.08	.10	.38	.02		.08					T.			1.68	T.		4.73
Cedar Run[2]	Lycoming		1.12	.73	.03	.13	.03			.08		.08	.12		.39		.13	.03	.16		.15		.39					.20			1.55	.04		5.36
Clearfield[2]	Clearfield		.04	.49							.06	.07	.08		.44		.01	.07	.45	.15	.03		.04								.14			2.07
Coalport[2]	Clearfield		*	.60								*	.48		.28	*	.15	.16	.09		.16		.66					.51						3.09
CurwensvilleApt[3] 6NW	Clearfield	.03	.54	.05	T.	.01				.02	.04	.12		.47		.21	.01	.51	.14			.16									.20	.06	.79		3.36
Driftwood[1, 5]	Cameron	.11	1.09	.03							.12	.19	*	*	*	*	*	1.19	.12		.13	.40									.63	.06			4.07
Dushore[1, 5]	Sullivan	.07	1.03	.07	.03	.24	.02						.22	.47			.33				.32	.76	.12			.50	.07		.40						4.65
Eagles Mere[2]	Sullivan		.59	.83	.09	.07	.20	.04		.18	T.	.37	.07		.13		.03	.30			.21	T.	.62					.72			.54			4.99
Emporium[2], 1 E	Cameron		.93	.65	.01		T.				.04	.24	.15		.37		.04	.09	.12	.26			.11								.64	.04		3.49
Galeton	Potter	.23	1.77	.23	.05	.08					.10	.24		.32			.30	.10	.08			.10						.09		.93				4.62
Karthaus[2]	Clearfield		.13	.95	.05						.08	.04	.08		.60	T.	.04		.38	.23	.15		.41					.04			.33			3.51
Lock Haven[2]	Clinton	T.	.37	.77	.04		T				.03	.10	.08		.12		.04		.07	T.	.25		.22					.71			1.00	.08		3.88
Medix Run[1, 5]	Elk	.12	.90	.03			.01				.10	.31		.72	.03			.15	.10			.65							.40	.03			3.55
Philipsburg[3], 7 E	Centre	.05	1.66	.03	T.	T.				T.	.19	.37	1	.18	.38	.05	.01	.38	.01	.05	.27	.16				1.04			.04		.04			4.91
Renovo[2]	Clinton		.49	.75	.01						.07	.06	.07		.36		.10	T.	.38	.03	.12		.05					.32			.56			3.37
State College[1, 5]	Centre	.04	.97	.01	T.	T.					.14	.17	.01	.12		.04	.09	.27	.08	.06	.31	.12				.58			.18		T.			3.19
Tamarack[2], 2 S	Clinton		.74	.70	.02		T.			T.	.06	.22	.32		.57		.01	T	.43	.10	.09		.25					T.			.91			4.42
Tyrone[1, 5], 4 NE	Blair	.07	1.00		.02				.03		.43	.48	.03	.20		.22		.24	.04	.08	.20	.04				.16								3.24
Wellsboro[2]	Tioga		.74	.45	.04	.11	.02			T.		.20			.18		.10	.17	.18	.09	.06		.37					.13	.03		.13			3.00

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport Apt.[3] 4 E	Lycoming	.42	.73	.01	.01	.10				.02	.08	.03		T		T	T.	T.	.03	.05	.15	.23				.97			.18	T.	.06		3.07
Williamsport[2]	Lycoming		.48	.77		.02	.03			.03	.03	.10			.10		T.	.01		.01	.21		.20				.38			.72		3.09
Williamsport[2], 4 SE	Lycoming		.52	.77	.03	.05	.11				.09	.14	.01		.10		.01	T.		.04	.28		.26				1.30			.59		4.30
JUNIATA																																	
Altoona, 4.5 W	Blair	.14	.32	.40	.08							.38		.24		.10	.08	.06	.05	.03	.21	.26	.08										2.43
Breezewood[1], 0.5 E	Bedford	T.	.23	.09							.34	.24		.06	T.	1.10		.61	.37	.23	.09	.14				.63					.56		4.69
Buffalo Mills[2]	Bedford		.17	.36								.38					.98	.06	.34	.09	.33						.35					3.06
Burnt Cabins[1], 2 NE	Fulton	T.	.22	.02							.48	.16	.02		.02	.06		1.29	.48		.11	.05						T.		.03		2.91
East Waterford[2], 3 E	Juniata		.07	.15	.01	T.					.05	.94	.05		.37		.03	.18	.15	.27	.48	T.	.34									3.12
Everett[2], 0.5 SW	Bedford		.01	.34	.06						.01	.47	.01		.01		.77	.39	.66	.15	.71		.03				.18					3.80
Huntingdon[2]	Huntingdon		T.	.94	T.						.04	.38	.02		.44		.33	.03	.47	.03	.60		.18				.69					4.15
Lewistown[2], 2 SW	Mifflin		.03	1.17							.07	*	.31		.08		.05	*	*	.07	.27		.21				.08			.83		3.17
Mapleton Depot[2]	Huntingdon		.15	.61	T.							.87	.11		.11	.07	.84	.02	.13	.06	.27		.01				.79					4.04
Martinsburg[3]	Blair	.07	.31	.02						.03	1.02	.30	T.	.10	.15	1.83	.29	.25	.05	.17	.46	.08	T.			.21							5.34
McConnellstown[2] 4NW	Huntingdon			.77	.08						.04	.34	.04		.35		.21		.39	.06	.84		.15				.15					3.42
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.03	.85	.05			*	*	*	*	*	.42	.09	.15				.32	.06	.05	.58	.10				.13	.01			.40		3.24
New Bloomfield	Perry		.17	.06								.74	.02			T.		.06	.13	.35	.38		.04							.08		2.03
Newport[2]	Perry			.29							.09	.65	.01				.03	.09	.05	.31	.89		.19					.03		.04		2.67
Saxton[2], 1 W	Bedford		.08	.38								1.30	.05		.06		T.	.06	.74	.18	1.15		.27									4.27
Shade Gap[1, 5], 0.5 SW	Huntingdon		.11	.02						.02	.41	.42					.07	.08	.44	.19	.23	.43	.02									2.44
LAKE SUSQUEHANNA																																	
Arendtsville[2]	Adams		.28	.04							.29	.35	.44					.06	.35	.08	.31		.12									2.32
Bloserville, 1.5 N	Cumberland	T.	.40	.02							.22	.54	T.	T			T.	.29	*	.33	.13		.09			T.				T.		2.02
Carlisle	Cumberland		.03		T						.18	.41		.07		.45			.28	.19	.22	T.							T.	.25	T.	2.08
Columbia	Lancaster		.07	.03		T.					.46	.28	*	.59			.44	.42	.47		.33				T.			1.66				4.75
Dauphin[2], 3 N	Dauphin		.03	.24							.42	.52	.11		.02		.11	.13	.03	.18	.43		.04					.02		.57		2.85
Ephrata	Lancaster	T	.12	.13	T.	.06					.39	.52	.01	.23					.71	.24	.55	T.	.86							1.72	T.	5.54
Glen Rock[1, 5]	York		.20	.03							.46	.19		.15	.04		.13		.84	.73	.08	.50	.01						.90	.01	.26	4.53
Gordon	Schuylkill	.02	.72	.25		.16					.17	.10		.02			.02		.13	.26	.25	.03				.02				1.90		4.05
Grantville, 2 SW	Dauphin	T.	.22	.09							.68	.22	.01	T.			.03	.07	.09	.25	.24	T.							1.55	.22		3.67
Hanover[2]	York		.09	.17							.03	.29	.01					.03	.24	.34	.39		.21							.02		1.82
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T.	.06		T.	T.				T.	.61	.26	T	.10		T.	T.	T.	.13	1.14	.06	.23					T.		.41	.46	.49	3.96
Holtwood[2]	Lancaster		.07	.11	.05		.04				.07	.41	.11		.03			.13		.38	.68		.32							1.04		3.44
Huntsdale[2]	Cumberland		.15	.08							.08	.52	.02		T.		.05		.16	.37	.21		.15							T		1.79
Kirkwood[1, 5], 1 SW	Lancaster		.09								.75	.06	.06	.15			.12		.50	.65	.26	1.25							*	1.35		5.24
Lancaster	Lancaster	T.	.11	.04	.02		.04				.57	.40	.04	.12	.08				.48	.42	1.05		.05							2.00		5.42
Lebanon[2]	Lebanon		.13	.11	T.		.08				.34	.25	.09		T.		.04	.01	.07	.17	.36		.02							1.53		3.20
Middletown[1], 1.5 W	Dauphin	T	.02	T.	T.	T.	T.			T.	.63	.49	T	.06		.02	.05	T.	.05	.43	.11	.04					T.		55	.44		2.89
Millersburg[1, 5], 2 E	Dauphin		.39							.07	.48	.45		.07					.06	.34	.26	.22					.09		2.58	.08		5.09
Milroy[2], 5 N	Mifflin																																
Newburg[1], 3.5 NW	Cumberland	T.	.20	.01							.84	.27		T.			.03	.06	.43	.33	.38	.20									T.	2.75
New Park	York		.83	.03							*	.53		.02		.07			.21	.19	2.10		.85							1.08		5.91
Pine Grove[2], 1.5 NE	Schuylkill		.06	.34		T	.04				.34	.70	T.		.03		.45	.22	.10	.35	.36								.01	2.11		5.11
Ringtown[2], 1.5 SW	Schuylkill																																
Selinsgrove	Snyder		.52	.87		.10	.06				.34	.10	.06	.02		.10			.20	.53	.15		.13				.05		.17	2.03		5.43
Shamokin[2]	N'umberland		.10	1.22		.07	.12				*	.53			.05		.13	.15		.08	.33		.18				T	.01		2.25		5.22
Shippensburg	Cumberland		.17	T.							.09	.23	T.	T.		.22	T.	T.	.30	.32	.13		.37									1.83
Sunbury[2]	N'umberland		.09	.94			.05	T.			.24	.10	.23		.12		.10	.18	.02	.10	.65		.05				.09	.30		1.89		5.15
Williamstown[2]	Dauphin		.18	.66	T.	T.	T.				.11	.48	.06		.06		T.	.18	.06	.20	.32		.11							2.63		5.05
Woodward[3], 2 NE	Centre	.19	1.31	.01		T.				T.	.08	.14	.15	.09		.09	.17	T.	.18	.04	.09	.04				.55			1.54	T.		4.67
York, 3 SW	York		.13	.04							.39	.31	.03						.19	.24	.74		.34							.94		3.35
York Haven[2]	York		.19	.02							.31	.42	.26		.70				.02	.57	.41		1.33							1.12		5.35
Potomac Basin																																	
Chambersburg[3], 1 SW	Franklin	T	.41	.02							.26	.58		T.		.08		.10	.26	.13	.09										T.	1.93
Gettysburg	Adams		.06	.03							.24	.35	.03						.23	.22	.16		.24							T.		1.56
Hewitt, 2 SW	Bedford	T.	*		.29						.01	1.02		.07		.04	.10	T.	.48	.85						1.47					4.33
Hyndman[2]	Bedford			.35	T.						T.	.32			.06		.57		.19	T.	.31		.17				1.21					3.18
McConnellsburg[2]	Fulton		.24	.19							T.	.26	T.					.15	.12	.36	.50						T					1.82
Mercersburg[2]	Franklin		T.	.13							.04	.74					.29		.29	.56	.19											2.24
South Mt. San't'm[2]	Franklin			.13							.14	.87	.18					.01	.28	.32	.20		.33									2.46
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny		T.	.61	T.	T.					.47	.39	.43	.05	.46		.08	.42	.32	.33												3.56
Allens Mills[1, 5]	Jefferson	.16	.47	.05	.01					.01	.20	.81		.79	.04	.01		.26	.24			.07								10		.59	3.81
Blairsville[2], 6 NE	Indiana	T.	T.	.66	.13	.01					.05	.86	.62	.05	.27		.41	.39	.80	.19	.92		.17										4.63
Boswell[2], 6 NW	Somerset	.08	.23	.96	.48	.05					.08	.69	.20	.10			1.15	.58	.13	.18	.06		.18										5.15
Bradford, 4 W	McKean	.40	1.73	.34		.03					.35	.40	.29	.48		.31	1.10	.20	.08	.02		.79					.15		.08	.30	.05	7.10
Brookville[3], 1.5 SW	Jefferson	.15	.71	.05						.02	.07	.72		.89	.08	.45	T.	.11	.24			.05					.02		.36		.01	3.98
Buckstown[1, 5]	Somerset	.04	1.15	.09						.06	.60	.51	.09	.10		.31		.62	.06	.07	.21	.34				.90							5.15
Clarion[2], 3 SW	Clarion	.01	.03	.30							.02	.08	.47		1.81	.46	.62	.44	.23	.16			.01								.56	T.	5.20
Corry	Erie	.30	1.45	.62							.14	.57	.08	.43		.02	.98	.08				.33				.80	.08		.15				6.03
Coudersport	Potter	.35	1.08	.29							.18		.11	.48				.78	.06	.46		.19					.06		.10	.19			4.33
Derry	W'moreland	.03	.21	.25	.08						.25	.70	.04	.24		T.	.18	.47	.73	.21							T						3.39
Donegal[1]	W'moreland	.07	.87	.30	.05					.04	.33	.58	.42	.34		.36		.42	.20	.04		.31											4.33
Dunlo[1, 5], 0.5 SW	Cambria		.45	.20	.02					.02	.40	.35		.16		.51	.07	.29		.03	.15					.19							2.84
Ebensburg[2]	Cambria		.12	.92	.09	T.					.03	.40	.24	T.	.33		.70	.14	.02			.03	.46				.05						3.58
Ford City[2], 4 S	Armstrong	.04	.05	.86	.02						.06	.11	.69		.76	.58	.05	.24	.09	.32										.07			3.94
Franklin[2]	Venango	.10	.13	.11	T.	T.						.10	.40	.01	.43	.02	.35	.21	.07	.03			.04				.73			.41	.02		3.16
Glen Hazel[2], 1 NE	Elk	.05	.46	.59	.03	T.	T.				.12	.22	.12		.38	T.	.13	1.11	.14	.34			.44				.01	T.		.79	.14		5.07
Home[1, 5]	Indiana	.02	1.29	.02						.03	.45	.36		.55		.15		.57	.18														3.62
Indiana	Indiana																																
Johnstown[2], 0.5 W	Cambria	T.	.48	.08						.04		.47	.28		.38	1.28	.08	.12	.12	.01	.02		.45				.08						3.84
Kane[1], 1 N	McKean	.35	1.67	.05		.02				.15	.35	.34	.01	.35	T.	.33	.44	.04	.32			.55					.05		.22	.01	.03		5.28
Kregar[1], 1.5 SE	W'moreland	.04	1.00	.26	.28					.10	.29	1.33		.40		.34		.34	16	.17		.05					T.						4.76
Lycippus, 1.5 E	W'moreland	.02	.12	.90	.09					.12	.76	.53	.22	.28		.24	.08	.75	.84	.03		.64					T.						5.62
Marienville[1, 5]	Forest	.10	.30								.17	.12		.42		.39	.44	.44	.52								.15		.98	.40	.52		4.95
Meadville[2], 1 S	Crawford	.06	.09	.36	.03							.25	.19	.38	.50	.12	.77	.10	T.	T.		T	.08							.20	.68		3.81
Mosgrove[2]	Armstrong	T.	T.	.59	.05	T	T.				.36	.04	.57		.30	.08	.55	.25	.04	.17		T.	T.						T.	T			3.00
Parkers Landing[2]	Armstrong	.03	T.	.53							.03	.08	1.14		1.52		.23	.54	.37	.19							.05			.37	02		5.10
Pittsburgh Cty Of[1, 5]	Allegheny	.02	.37	T.	.01					T.	10	.45	.08	.53		.04	.27	.68	.27			.05					T.						2.87
Port Allegany[2]	McKean	T.	.89	.69	.02	.02	.01	.01			.02	.55	.61	T.	.83		.14	.40	.15	.23			63				.07			.82	.02		6.11
Punxsutawney[2]	Jefferson	T.	T.	.80	.02		T.				.05	T.	.12	T.	.40		.05	.30	.10	.16			.02							T.			2.02

Continued on page 45.

Daily Precipitation for June 1945—Continued from Page 44

Stations	Counties	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong	T.	T.	1.08	.09	.01	T.				.02	.02	.27		.36	.06	.05	.21	.03	.16			.55											2.91
Ridgway[2]	Elk	T	.28	.84	.06		.02				.11	.12	.16		.49		.23	.12	.14	.40			.27				.34			.71	.47		4.79
Saltsburg[2]	Indiana	T.	T.	.95	.04						.07	.29	.49	.09	.29		1.03	.48	T	.10			T.										3.83
Seward[2]	W'moreland			.64	.11						.04	.59	.40	.02	.34		.24	.41	.21	.12			.42				.21						3.75
Sheffield[1, 5, 6 W]	Warren	.18	1.15	.11							.17	.29	.02	.48		1.03	.18	.15	.42			.36					.50		.21		.04		5.54
Smethport[1, 5, 1 SW]	McKean																																
Strongstown[1, 5]	Indiana	.21	1.85	.08						.01	.14	.86	.02	.75		.24	.10	.39	.08	T.	.01	.99											5.28
Tionesta[2], 1.5 SE	Forest	.04	.18	.48	T.						T.	14	.25	.02	.70		.95	.64	.20	.33			.02				.09			.33	1.30		5.67
Titusville, 2 S	Crawford	.21	.40	.20		.01					.17	.04	.19	.33		.15	.48	.07	.10			.02					.68		.26		.20		3.51
Union City[1, 5]	Erie	.66	1.30	.02						.02	.56	.85		.43		.68	.52	.02				.05			.37			.23				5.71
Vandergrift [1]	W'moreland	.05	1.53	.04	.01						.21	.50		.55		.06	.13	.40	.40													3.88
Warren[2]	Warren	T.	1.40	1.22	.02	.10					.01	.42	.18	T.	1.25	.04	.66	.40	.44	.01		.12				T.			.05	.01		6.33
Youngsville[1, 5]	Warren	.98	1.54		.01	.08					.36	.30	.01	1.10		.07	.25		.05			.05				.06		.06	.05	.02		4.99
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	T.	T.	.49	.18	1					.18	1.01	.19		.21		T.	.06	.06	.52	.08		.08											3.06
Connellsville[2]	Fayette			.69	.11							.30	.21		.36		.03	.20		.34	.04		.35				.13						2.76
Donora[1]	Washington	.03	.53	.06	.01					T.	.19	.51	.21	.27		.40		.68	.22			.05											3.16
Greensboro[2]	Greene			.20	.03						.24	1.63	.29		.15		.52	1.36		.33	.04		.33				.80						5.92
Greensburg, 2 S	W'moreland	T.	.12	.38	.04						.23	.49	.08	.13		.02	.48	.72	.19		.04	.05											2.97
Irwin	W'moreland	.02	.32	.49	.02						.33	.68	.01	.43		.36	.19	1.08	.29														4.22
Meyersdale[2]	Somerset		.04	.45	.12						.08	.65	.05		.04		.02		.08	.09	.44		.14				.08	.27					2.55
Murrysville // [1, 5]	W'moreland		.38	.01	.02					.11	.27	.20	.18	.17		.97	.62	.25	.22														3.40
Newell[7]	Fayette		.30	.70							.08	.66	.42	.32			.18	.93		.60													4.19
Pittsburgh Arpt.// [1, 5]	Allegheny	.01	.88	.01	.02					.05	.17	.18	T.	.22		.80	.84	.31	.16	T.	T.	T.					T.							3.65
Rices Landing[2]	Greene			.35	.07							.81	.14		.50		.21	.81		.45			.01										3.35
Somerset	Somerset	.21	.38	.85	.06						.33	.85	.11	.14			.05	.31	.12	.18	.07	.08											3.74
Springs[6], 1 SW	Somerset	.02	.87	.38	.22	T.				.16	.54	.53	.01	.21		.03	T.		.17	.15	.23	.42					.03						3.97
Uniontown	Fayette		.07	.20	.12						.63	.93	.16	.45		.08	.17	.87	.26	.05	.04	.48				.02	T.							4.53
Waynesburg	Greene		.09								.73	.65	.17	.64			.18	.27	.59														3.32
BEAVER																																	
Beaver Falls[2]	Beaver	T.	.14	.43	.04	T.					.05	.77	T.	.29		.68	.25	.03	.34			.02											3.04
Butler	Butler	.05	.06		.42					*	*	.30	.43			.15	*	1.03	.11										.18				2.73
Farrell[2]	Mercer	.07		.17	.02						.15	.23	.20	.93	.03	.03	.07		.03			.10				.03			.14	.07		2.27
Greenville	Mercer	.19	.12	.03	.02						.17	.07	.22	.39	01	.16	T.	.02	.01			.11			.10			.30		.02		1.94
Jamestown[2], 2 NW	Mercer	.03	.08	.27	.01	T.						.20	.20	.15	.32		T.	.01	.04	T.		T.	.09				.14			.72	.37		2.63
Mercer Arpt.[3], 2.5 NE	Mercer	.13	.15	.02	T.	T.				T	.09	.36		.82		.28	.07	.06	.05			.06						.12	T.	.36		2.57
New Castle, 1.5 N	Lawrence	.07	.08	.26	.06		T.				.12	.01	.27	1.02	T.	.36	.01	.11	.10	.01	T.		.01				.22		T				2.71
Pennline, [2], 1 S	Crawford	.08	.18	.95	T.							.20	.37	1.28	.06		.37	.65	.04	T.		.06	.10				.02			.34	.06		4.76
OHIO																																	
Claysville[2]	Washington			.52	.08						.10	.45	.38		.60		.13	.76	.31	.51			.07										3.91
Coraopolis[2], 1 E	Allegheny			.61	.01							.19	.93	.54	.15		.11	1.04	.39	.33													4.30
Midland[2]	Beaver	T.		.97	.04							.17	.40	.23	.41		.47	.28	.04	.39			.08										3.43
Mt. Lebanon[6]	Allegheny	.03	.52	.05	.05						.10	.14	.28	.10	.46		.20		.67	.62			T.				.06						3.28
Washington[1, 5]	Washington		.33								.12	.32	.60	.02	.43		.10	.63	.21	.20			.16										3.12
LAKE DRAINAGE																																	
Albion[2]	Erie	.17	.54	.68								.62	.19	.29	.30		.83	.17	.08				.26							.14	.20		§4.47
Erie[1, 5]	Erie	1.71	.51	.12	.03					1	.55	.16		.16	T.	.19	.17	.07	.33			.50				T.			.29	.06	T.		4.85
Raymond[1, 5]	Potter	1.21	.76	.03	.10					.05	.04	.29								.27		.35					.65		.80	.02			§§

[See page 48 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Hawley, 1 S	Evaporation	.238	.100	.020	.102	*.102*	.018	.243	.058	.202	.118	*.005*	.195	.190	.054	.310	.008	.199	163	.270	.033	.139	.236	.235	.304	.198	.242	.101	.237	.109	.134		4.349
	Wind movement	177	83	32	78	2	18	52	45	28	59	14	166	20	8	28	64	70	37	127	19	24	44	63	103	42	46	27	24	21	43		1564
Jamestown[2], 2 NW	Evaporation	.096	.122	.026	.020	.036	.052	.146	.148	.190	.140	.002	.090	.088	.108	.260	.132	.074	.030	.078	.140	.142	.088	.232	.192	.244	.072	.278	.150	.188	.276		3.840
	Wind movement	37	65	25	21	37	17	20	17	41	19	30	32	13	17	23	20	15	38	9	10	20	16	22	20	17	30	39	17	35	40		762
Neffs Mills[2], 3.5 NE	Evaporation	.268	.066	.092	.142	*.018*	.170	.127	.173	.164	.098	.038	.174	.174	.046	.190	.165	.139	.168	.138	.076	.116	.136	.214	.264	.222	.170	.196	.224	.118	.188		4.438
	Wind movement	58	26	5	77	30	43	15	7	3	6	16	26	17	4	0	5	*	19	42	12	*	*	*	13	8	10	23	2	1	17		485

Italics mean minus quantity. [See page 48 for explanation of other references.]

Daily Temperatures for June 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	54	70	48	52	59	68	68	72	71	80	77	75	81	91	88	80	74	66	78	78	74	75	83	84	85	79	85	88	93	91	...	75.4
	Minimum	42	46	46	42	43	32	35	49	41	55	55	55	61	66	67	67	62	55	49	52	59	52	55	58	63	60	56	65	70	68	...	54.2
Allentown Arpt.[3-4 NE]	Maximum	54	68	55	52	56	66	72	76	74	65	86	83	81	94	95	91	91	90	74	84	84	81	89	93	91	78	87	90	91	96	...	79.4
	Minimum	39	45	50	46	46	42	42	49	48	56	62	63	59	63	68	66	68	66	63	62	60	57	56	64	67	61	57	56	65	74	...	57.3
Allentown/	Maximum	54	64	57	52	57	64	71	75	73	69	86	82	84	93	95	90	90	90	75	83	83	81	88	92	91	79	85	89	91	95	...	57.8
	Minimum	42	45	47	47	47	42	42	56	50	55	57	68	60	64	68	68	69	70	65	63	62	59	56	63	68	67	54	56	61	69	...	54.4
Altoona-4.5 W	Maximum	64	76	74	52	52	65	70	72	70	68	82	78	82	87	89	83	82	79	69	79	81	78	87	89	86	80	81	88	92	93	...	77.7
	Minimum	38	41	51	40	37	39	37	41	46	59	60	61	62	64	63	61	64	61	57	56	59	56	51	62	61	60	48	59	67	69	...	54.4
Arendtsville[6]	Maximum	61	69	71	61	61	71	73	76	70	73	87	83	89	94	94	92	90	86	70	84	87	81	90	94	90	83	90	91	95	98	...	81.8
	Minimum	44	44	58	50	46	40	44	44	47	60	64	64	62	65	66	67	69	63	65	63	57	60	55	66	63	63	56	60	64	77	...	58.2
Berwick/	Maximum																																
	Minimum																																
Bethlehem[1]	Maximum	52	61	53	50	53	64	70	75	72	66	86	83	83	94	96	92	91	91	86	83	84	81	89	93	92	78	88	89	91	97	...	79.4
	Minimum	42	44	48	45	46	44	45	51	51	55	62	66	61	67	72	69	70	66	63	61	62	59	60	70	72	65	60	60	65	77	...	59.3
Bradford-4 W	Maximum	54	74	62	53	50	60	66	71	71	70	78	73	78	87	87	80	77	74	73	79	78	77	81	85	85	78	83	83	88	88	...	74.8
	Minimum	29	40	43	40	39	35	29	36	44	53	60	55	54	59	66	56	60	59	45	50	55	48	56	62	55	58	49	54	61	60	...	50.3
Brookville[3]	Maximum	55	68	58	51	52	63	71	73	74	78	78	77	79	86	84	82	80	72	75	79	74	79	82	86	86	80	84	87	89	90	...	75.7
	Minimum	39	44	43	40	35	31	33	39	50	59	62	59	61	62	61	63	65	56	53	52	52	46	43	53	54	49	45	58	65	65	...	51.2
Burnt Cabins[1-2 NE]	Maximum	64	70	71	58	59	70	76	78	72	76	90	85	90	94	96	93	88	86	70	83	86	80	87	93	92	80	86	93	98	100	...	82.1
	Minimum	42	42	52	46	40	31	36	46	44	61	63	62	60	62	64	65	66	63	60	59	53	56	42	57	61	57	47	58	65	71	...	54.4
Butler	Maximum	67	74	55	55	52	62	65	73	76	85	86	86	82	88	93	88	84	84	73	78	82	79	81	91	91	92	86	88	90	93	...	79.3
	Minimum	45	49	40	42	38	32	35	41	54	62	61	62	65	60	65	72	62	61	62	52	52	56	47	57	55	65	49	60	72	68	...	54.7
Canton/-1 NW	Maximum	46	58	52	53	55	59	67	71	72	65	81	76	77	89	89	82	81	79	69	79	79	77	83	88	87	75	79	82	86	89	...	74.2
	Minimum	33	38	40	39	40	42	41	42	49	55	59	57	55	63	64	63	62	63	54	56	57	54	55	62	61	60	49	56	63	67	...	53.3
Carlisle	Maximum	69	70	71	63	61	67	74	76	74	71	87	84	86	93	93	90	87	86	75	80	86	80	88	92	88	81	85	90	95	95	...	81.2
	Minimum	38	42	52	45	44	38	38	42	44	55	60	60	60	63	64	65	65	63	61	60	54	58	50	61	62	64	54	56	61	70	...	55.0
Chambersburg[6-1 SW]	Maximum	65	71	71	61	62	70	74	73	70	76	88	84	89	92	92	92	89	85	73	84	87	82	89	94	90	84	89	94	98	99	...	82.2
	Minimum	46	44	56	49	43	35	40	44	47	59	62	64	62	64	66	65	67	62	63	61	57	58	56	59	58	64	51	59	65	72	...	56.6
Clarion[6-3 SW]	Maximum	57	76	66	52	53	66	73	75	82	81	83	77	82	86	87	84	80	78	90	82	94	81	90	89	90	83	84	88	91	91	...	79.7
	Minimum	40	46	46	41	38	31	34	40	53	59	63	57	60	60	61	61	62	65	53	53	53	52	44	55	56	61	47	58	64	63	...	52.5
Claysville/	Maximum	79	78	55	50	52	63	69	75	75	81	76	77	82	91	84	84	79	73	74	78	77	78	82	87	88	80	85	88	91	90	...	77.4
	Minimum	45	50	52	41	34	32	34	36	44	47	55	58	62	61	65	67	65	64	56	50	52	53	49	50	56	59	52	62	69	64	...	52.8
Coalport/	Maximum	68	67	59	75	57	54	54	68	73	75	74	73	80	80	81	91	72	85	81	79	72	82	81	80	85	85	80	81	87	84	...	75.4
	Minimum	37	39	40	42	41	32	31	32	35	49	60	60	60	59	60	61	64	63	58	57	52	50	44	45	57	56	46	45	56	67	...	49.9
Coatesville[6]	Maximum	60	73	75	60	61	68	74	78	76	78	89	85	92	96	97	95	95	94	81	86	90	80	88	94	94	80	86	94	95	98	...	83.7
	Minimum	43	45	53	50	47	43	48	47	49	59	67	69	64	71	73	73	71	68	63	64	65	61	65	72	71	67	64	59	65	76	...	61.1
Columbia	Maximum	78	71	75	65	64	72	75	81	74	76	90	86	92	96	97	94	94	92	75	86	92	85	90	95	94	83	89	92	96	99	...	84.8
	Minimum	31	46	57	49	50	42	43	41	49	49	62	68	65	67	69	70	68	66	66	65	61	63	56	64	66	66	59	60	68	74	...	58.7
Corry	Maximum	52	75	61	55	57	63	67	70	69	74	79	75	80	88	86	80	74	72	74	79	74	77	82	85	86	76	82	85	90	89	...	75.2
	Minimum	36	43	42	40	40	30	33	34	40	54	63	56	57	59	62	64	62	55	46	51	52	46	44	51	54	58	44	60	63	63	...	50.1
Coudersport	Maximum	56	63	65	53	52	61	68	69	74	76	81	79	76	89	89	89	82	87	80	76	79	77	78	83	86	88	78	83	81	90	90	...	76.3
	Minimum	28	40	39	36	38	32	33	37	39	39	43	54	51	51	54	61	59	58	62	51	49	49	41	52	51	57	42	52	60	62	...	47.3
Curwensville[3-6 NW]	Maximum	48	70	58	50	47	61	68	69	69	67	77	75	75	83	83	80	76	72	68	75	77	75	80	83	85	75	80	83	86	87	...	72.7
	Minimum	36	39	38	38	34	31	36	46	50	56	60	57	61	62	64	61	62	54	53	54	52	49	48	59	57	57	50	59	67	64	...	51.8
Derry	Maximum	74	79	62	52	56	65	71	76	77	83	79	76	80	93	88	86	83	71	71	75	81	81	86	88	89	82	82	90	93	94	...	78.8
	Minimum	48	51	50	44	42	34	35	42	55	59	64	64	65	62	68	68	66	62	60	64	67	57	52	57	59	63	55	61	75	73	...	57.4
Donegal[1]	Maximum	82	76	58	50	52	60	66	72	75	84	77	72	82	88	84	85	80	73	71	78	76	76	80	85	86	76	82	86	89	90	...	76.4
	Minimum	46	55	46	41	37	32	31	41	50	56	62	60	60	59	61	63	62	58	56	54	48	53	44	62	53	56	50	56	67	64	...	52.8
Donora[1]	Maximum	83	81	66	52	53	65	72	77	78	85	81	79	86	94	88	89	81	76	76	83	81	83	89	92	94	86	89	93	96	96	...	81.5
	Minimum	51	56	51	44	40	39	39	47	54	62	66	63	66	65	68	69	68	68	62	58	59	57	55	61	62	67	58	67	77	72	...	59.0
Eagles Mere/	Maximum	44	55	56	48	50	62	67	73	68	63	78	78	80	84	86	80	84	79	75	76	77	77	82	87	87	78	80	80	84	87	...	73.5
	Minimum	33	33	39	36	36	39	39	41	49	51	56	56	56	58	64	64	62	63	53	53	55	55	53	55	63	67	51	51	61	63	...	51.8
East Waterford[6-3 E]	Maximum	57	64	61	54	52	62	67	70	64	63	80	76	77	86	86	84	78	77	65	74	78	76	81	84	82	75	79	83	87	90	...	73.7
	Minimum	40	39	49	39	38	40	46	52	51	54	61	61	65	68	70	65	65	62	57	66	61	57	59	65	70	63	59	66	67	74	...	57.6
Ebensburg	Maximum	60	75	55	50	59	61	67	70	71	75	77	73	77	87	84	82	76	71	76	71	78	74	78	83	86	75	82	84	88	87	...	74.1
	Minimum	39	39	42	41	34	34	37	45	47	46	58	59	60	61	65	62	61	61	50	52	54	66	40	52	57	58	46	54	63	67	...	51.7
Emporium/-1 E	Maximum	50	65	55	56	56	65	72	77	75	69	83	77	81	90	90	84	83	76	76	83	81	81	84	90	91	81	84	83	92	91	...	77.4
	Minimum	31	38	48	40	42	36	37	45	42	52	62	60	57	59	57	63	64	64	56	56	53	52	42	54	59	60	47	48	56	65		51.5
Ephrata	Maximum	69	69	73	61	61	69	75	79	75	74	89	85	87	96	96	93	91	92	73	84	88	82	89	93	93	85	87	92	95	97		83.1
	Minimum	41	46	56	49	49	42	42	50	49	47	67	68	64	66	71	70	68	68	65	64	62	62	56	63	67	68	56	60	66	75	...	59.2
Erie[1]	Maximum	51	62	48	52	55	60	65	66	66	80	73	66	77	88	84	79	72	63	73	75	71	71	79	83	81	75	83	86	87	82		71.8
	Minimum	42	48	43	44	43	44	45	51	52	59	60	57	66	71	69	68	61	53	55	60	59	56	63	69	64	62	59	68	72	71		57.8
Everett[1-0.5 SW]	Maximum	72	82	66	57	56	69	74	75	70	80	86	81	89	95	93	80	85	92	71	81	84	80	85	92	92	80	85	92	97	97		81.3
	Minimum	47	44	50	46	40	44	36	41	45	50	61	62	58	60	61	62	63	61	61	55	51	58	52	64	50	56	50	59	65	69		54.0
Farrell	Maximum	65	79	72	52	55	68	72	77	78	86	86	77	79	94	94	85	85	81	80	83	83	82	88	92	91	83	91	93	97	97		81.5
	Minimum	48	54	46	44	48	37	39	48	54	74	66	59	51	66	72	71	71	61	54	56	63	54	53	60	65	65	55	68	77	76		58.5
Ford City/-4 S	Maximum	69	78	59	52	52	66	70	75	78	82	80	78	80	89	86	85	79	74	79	80	80	79	84	87	88	82	84	89	92	94		78.3
	Minimum	44	44	52	43	39	34	36	40	48	56	63	59	62	60	62	66	66	65	56	56	56	56	53	50	54	59	60	51	57	64		54.1
Franklin/	Maximum	58	77	53	53	54	65	71	75	76	80	80	76	82	88	85	81	78	69	77	80	76	79	84	89	88	80	82	88	91	90		76.8
	Minimum	43	43	50	42	40	32	34	39	42	50	63	59	59	62	63	67	65	66	51	52	54	50	48	49	57	58	50	50	62	66		52.2
Fredericksville-1 S.	Maximum	60	63	63	54	57	63	70	73	71	65	84	80	84	90	90	87	87	87	73	80	83	77	85	88	88	76	84	85	88	92		77.6
	Minimum	32	42	51	44	45	34	54	42	60	55	62	62	56	61	63	63	64	64	61	62	56	55	48	55	60	62	50	50	64	70		54.9
Freeland	Maximum	63	57	58	49	52	58	65	70	69	64	79	76	73	90	88	89	81	83	65	76	78	75	82	85	83	77	80	83	87	88		74.1
	Minimum	44	38	47	39	41	41	41	48	52	52	57	60	58	66	70	65	65	63	56	57	60	55	55	62	65	61	54	54	63	69		55.3
George School[6]	Maximum	57	57	67	60	57	67	74	77	75	66	87	83	86	94	95	92	93	92	92	84	86	80	88	91	92	84	86	90	92	96		81.3
	Minimum	40	46	51	50	47	43	45	48	46	57	63	66	62	65	70	70	70	70	65	65	62	61	55	61	69	69	56	57	65	75		59.0
Gettysburg	Maximum	72	70	72	65	60	67	70	70	71	73	86	82	85	92	91	90	90	87	70	81	85	84	88	93	90	84	87	90	95	97		81.7
	Minimum	48	46	59	50	48	42	44	47	49	59	66	67	65	68	71	71	70	66	65	64	60	61	60	64	67	66	57	61	67	75		60.1
Gordon	Maximum	62	63	65	55	54	64	70	75	72	68	85	81	78	92	90	90	86	87	70	82	83	79	87	92	89	81	85	87	91	93		78.5
	Minimum	37	43	53	45	44	36	34	44	46	57	62	64	67	60	64	63	63	63	63	57	63	54	45	65	59	64	48	52	64	68		55.0
Greensburg-2 S	Maximum	75	79	71	52	53	62	68	75	77	84	79	77	82	90	90	84	82	80	72	80	79	80	85	87	88	84	85	89	90	91		79.0
	Minimum	47	49	51	44	44	33	34	38	45	52	65	61	60	57	61	62	64	61	59	55	52	54	48	51	55	60	48	57	66	66		53.4
Hanover/	Maximum	64	73	69	62	61	70	74	74	71	76	88	84	89	95	94	93	91	87	73	83	87	81	90	93	92	85	89	92	95	99		82.3
	Minimum	48	45	48	49	48	41	45	49	52	59	59	68	68	69	72	71	70	66	65	64	64	64	58	65	71	67	58	66	62	72		60.1
Harrisburg Arpt.[1-3.5 S]	Maximum	58	68	71	59	60	69	76	80	75	71	88	84	88	97	96	93	91	88	71	83	88	82	89	96	93	81	86	92	96	96		82.2
	Minimum	49	48	54	49	48	43	45	49	50	59	66	68	65	67	72	72	71	67	65	64	60	61	62	70	67	63	60	62	66	72		60.5
Hawley-0.5 E	Maximum	55	56	52	48	52	66	69	76	75	62	84	76	73	92	95	89	89	88	68	81	83	80	85	90	90	88	75	85	87	88	92	...	76.6
	Minimum	33	42	47	45	44	37	37	36	40	50	59	61	51	57	60	63	63	63	59	59	54	55	50	55	60	62	47	47	59	67		52.1
Hewitt-2 SW	Maximum	69	77	60	56	60	69	76	73	71	89	86	82	88	93	90	90	87	83	74	83	85	86	86	92	95	81	85	91	94	96		81.6
	Minimum	49	46	54	48	32	33	33	41	41	59	60	60	60	57	60	63	62	62	65	60	49	55	48	52	58	60	48	58	68	65		53.5
Holtwood[1]	Maximum	61	70	71	60	60	68	73	75	73	74	86	82	88	94	94	93	93	90	75	84	88	81	86	91	92	82	85	92	95	95		81.7
	Minimum	48	50	60	53	50	47	50	52	54	62	66	69	67	70	73	73	72	72	70	68	67	66	64	69	72	68	64	68	70	77		63.7
Huntingdon	Maximum	64	77	64	57	55	68	74	76	78	71	85	84	84	92	92	89	85	84	71	83	84	81	87	90	91	82	85	91	95	95		80.5
	Minimum	39	43	52	46	38	34	36	41	48	61	64	63	61	69	63	62	64	63	61	60	56	54	47	56	62	64	50	57	67	67		54.9

Continued on page 47.

Daily Temperatures for June 1945—Continued from page 46.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum																																
	Minimum																																
Irwin	Maximum	75	79	73	54	53	63	70	74	77	82	80	79	82	91	91	85	84	81	72	80	81	82	85	89	90	90	87	90	91	93		80.1
	Minimum	47	50	53	43	37	34	36	42	50	57	64	62	61	64	67	65	65	64	59	57	57	54	51	57	60	60	53	62	73	74		56.1
Jamestown 2 NW	Maximum	62	80	74	54	53	66	71	75	76	88	78	76	83	89	85	83	79	70	80	82	78	79	85	88	87	78	84	87	90	89		78.1
	Minimum	41	40	44	40	32	28	31	40	42	53	60	51	52	60	64	63	63	61	44	47	54	47	44	51	57	57	45	59	66	65		50.0
Johnstown	Maximum	74	79	57	55	52	62	73	72	77	80	83	79	84	95	90	87	83	78	73	80	81	81	87	92	94	80	92	93	96	93		83.1
	Minimum	50	51	44	45	42	37	37	43	51	60	60	60	63	64	67	67	66	66	61	60	54	58	53	54	60	63	52	62	71	72		56.4
Kane 1-1 N	Maximum	47	73	57	54	49	61	68	73	72	69	79	74	78	87	85	79	77	70	73	79	73	78	82	86	85	77	83	87	89	90		74.3
	Minimum	29	41	41	38	32	27	28	33	41	54	60	54	52	55	57	59	57	51	47	48	48	43	38	48	48	45	38	53	58	59		46.1
Lancaster	Maximum	70	69	75	69	61	70	75	77	74	75	80	87	90	94	93	93	92	91	73	84	87	85	90	95	92	86	90	89	93	95		84.4
	Minimum	37	43	55	47	48	40	38	44	45	57	63	66	62	64	66	67	66	65	64	64	59	61	55	60	63	64	53	57	64	70		56.9
Lawrenceville	Maximum	54	62	58	54	53	60	69	74	73	67	85	71	81	93	91	84	80	80	73	81	82	79	85	90	91	77	84	85	93	90		76.6
	Minimum	31	40	45	42	41	41	40	40	47	55	63	58	55	62	62	63	63	64	57	58	55	50	50	58	57	60	59	55	63	67		54.2
Lebanon	Maximum	56	69	74	60	57	69	75	73	74	72	89	84	88	95	95	95	92	91	75	81	88	82	90	95	93	81	87	93	95	97		82.6
	Minimum	42	46	50	46	43	40	42	51	50	57	58	67	65	66	70	70	68	67	63	64	62	59	56	63	67	68	56	61	66	71		58.7
Lewistown 2-2 SW	Maximum	54	70	67	68	59	69	74	76	74	71	86	84	85	94	93	92	82	80	71	83	85	88	89	92	93	81	82	92	94	95		$80.4
	Minimum	41	42	54	44	43	37	38	40	47	52	60	60	63	63	64	65	65	62	62	61	55	57	49	51	62	63	53	52	58	64		$54.2
Lock Haven 6	Maximum	65	58	64	56	58	69	75	78	75	72	87	85	83	96	94	90	88	85	74	85	86	85	93	95	93	83	87	85	95	94		81.1
	Minimum	35	45	54	44	43	37	40	43	53	60	61	62	60	65	63	66	65	65	60	60	56	58	56	60	63	64	51	56	65	70		55.8
Marcus Hook 1	Maximum	61	76	71	63	62	69	78	75	78	78	92	85	93	101	101	100	100	99	87	89	94	83	92	100	99	82	90	99	95	103		86.6
	Minimum	47	47	55	51	49	48	52	54	55	60	67	72	70	72	75	77	76	72	69	70	66	64	64	72	76	68	64	67	70	81		64.5
Martinsburg 3	Maximum	60	76	59	52	50	63	69	71	68	73	78	77	81	88	85	84	81	76	66	77	80	77	83	87	88	80	82	87	90	92		76.0
	Minimum	43	43	48	43	36	39	41	44	48	60	63	62	62	66	65	65	63	63	60	58	55	55	57	62	62	62	51	61	70	72		56.0
Mauch Chunk-1 SW	Maximum	62	59	59	52	58	61	69	75	75	65	82	83	80	94	94	93	87	87	81	80	83	77	85	90	90	89	83	87	88	92		$78.7
	Minimum	34	43	52	45	46	41	35	42	41	51	60	71	54	58	58	64	62	63	62	62	52	54	67	61	64	62	50	68	62	68		$55.1
Meadville 1 S	Maximum	56	77	48	54	56	63	69	74	74	79	78	75	82	89	83	80	76	67	77	79	73	78	84	87	87	77	84	88	91	92		75.9
	Minimum	42	42	46	41	40	32	36	39	42	53	62	55	56	60	64	64	65	64	49	52	54	50	46	54	58	60	47	60	66	65		52.1
Mercer 3-2.5 NE	Maximum	56	76	58	50	52	63	70	74	72	79	79	74	81	88	83	80	76	67	74	77	72	76	82	86	86	78	83	87	88	90		75.2
	Minimum	42	48	40	36	34	30	33	46	49	60	58	55	63	62	66	65	64	52	48	52	52	47	46	55	58	57	55	63	65	64		52.2
Middletown 1-1.5 W	Maximum	56	68	70	50	59	65	73	77	72	72	88	82	87	93	93	91	87	87	71	81	87	80	87	92	91	80	86	90	94	96		80.5
	Minimum	44	45	54	47	48	43	43	47	53	58	66	67	62	67	72	68	69	68	65	63	61	61	57	65	66	64	57	60	64	73		59.2
Midland 6	Maximum	75	78	73	52	55	65	72	75	77	83	79	82	85	91	91	85	80	76	78	81	78	80	85	88	90	82	87	93	94	93		80.1
	Minimum	52	54	47	44	37	39	39	47	50	63	64	65	62	65	67	67	65	63	60	56	60	57	54	60	63	64	55	64	70	69		57.4
Montrose 3 E	Maximum	50	53	48	47	49	58	65	70	69	63	80	71	75	88	88	83	76	80	67	78	80	71	80	85	86	72	80	80	86	85		72.2
	Minimum	32	38	40	38	39	41	40	43	47	47	56	60	56	59	65	63	64	64	53	54	57	55	55	62	62	60	51	57	61	64		52.8
Mt. Lebanon 6	Maximum	76	80	60	50	52	63	68	74	75	83	80	80	84	91	87	85	80	72	72	81	81	80	85	89	90	82	86	91	93	92		78.7
	Minimum	47	53	48	42	36	37	39	49	53	60	64	61	65	67	68	67	66	61	58	55	62	62	63	59	63	64	59	67	73	72		58.0
Mt. Pocono 3-2 N	Maximum	50	53	49	14	50	58	63	70	70	60	79	72	76	87	88	82	81	80	66	75	78	72	79	84	83	70	78	81	85	85		71.6
	Minimum	32	36	42	40	41	40	37	44	45	52	60	53	53	61	63	61	62	59	57	54	53	54	55	59	59	54	50	49	60	65		51.7
New Bloomfield	Maximum	68	67	69	62	60	70	74	78	73	69	86	83	86	94	94	93	88	86	72	81	86	81	87	92	91	84	88	91	95	95		81.4
	Minimum	36	42	52	44	43	34	37	42	46	57	62	64	60	61	64	64	63	63	61	60	54	57	46	58	60	64	49	54	61	69		54.2
Newburg 1-3.5 NW	Maximum	61	74	70	62	58	70	76	76	74	70	88	86	90	95	94	92	88	87	72	84	87	82	89	94	92	82	90	94	96	100		82.4
	Minimum	40	44	52	48	44	42	42	46	48	58	64	64	62	64	66	74	64	61	62	60	56	60	64	70	64	66	54	60	64	76		58.0
New Castle-1.5 N	Maximum	67	79	70	56	54	65	72	75	76	82	82	77	82	92	92	87	85	75	77	81	80	80	86	89	90	81	86	89	94	92		79.8
	Minimum	46	50	52	43	34	36	36	43	49	62	65	59	65	61	62	64	65	60	51	53	60	54	50	56	59	62	50	71	73	68		55.3
Palmerton 1	Maximum	54	60	54	51	62	64	70	75	73	65	85	80	79	92	92	89	87	86	71	82	82	79	76	92	90	78	86	88	91	93		77.5
	Minimum	37	46	50	47	48	44	39	47	48	59	64	60	58	63	68	67	68	67	63	62	59	59	52	59	65	60	56	55	67	73		57.0
Park Place 3-1 NW	Maximum	44	58	59	46	46	57	63	69	65	62	77	76	74	87	87	86	80	80	63	76	78	73	80	85	83	72	78	80	85	87		71.9
	Minimum	36	40	42	40	41	40	43	51	52	53	62	60	60	68	68	67	65	62	60	58	56	55	60	65	63	58	56	63	63	75		56.1
Philadelphia Arpt 1	Maximum	58	73	65	58	59	68	72	76	74	73	89	85	89	95	97	93	93	92	82	85	87	80	88	92	91	79	85	89	93	97		81.9
	Minimum	44	47	54	50	49	45	48	50	51	60	66	70	67	68	71	73	72	70	67	68	63	64	60	63	68	64	59	59	67	76		61.1
Philadelphia C.O. 1	Maximum	58	73	64	59	59	68	74	75	74	71	87	83	87	94	95	92	92	92	82	85	87	82	90	92	91	80	87	89	91	99		81.7
	Minimum	48	48	54	49	48	48	53	59	58	59	65	71	70	72	75	75	76	68	68	68	64	64	67	71	75	70	66	68	69	79		64.2
Phila. Shawmont	Maximum	66	73	70	58	60	67	72	78	79	70	87	89	85	94	95	94	94	92	79	96	95	95	89	93	92	90	97	96	94	97		84.5
	Minimum	42	51	58	51	48	43	45	48	50	59	65	68	64	67	70	71	69	71	67	67	65	63	55	60	66	70	56	57	66	74		60.0
Philipsburg 3-7 E	Maximum	47	65	58	50	50	61	67	70	68	63	78	76	76	86	85	82	79	73	66	76	78	76	80	84	83	76	78	83	87	88		73.0
	Minimum	32	39	40	39	36	33	28	38	49	57	60	58	57	60	62	62	60	57	55	49	48	52	48	57	52	45	41	53	63	62		49.7
Phoenixville-1.5 SE	Maximum	59	73	77	69	63	72	77	77	74	70	90	85	89	94	96	94	97	96	86	90	92	89	92	98	98	90	91	96	95	99		85.6
	Minimum	35	47	54	51	48	38	37	44	45	59	65	66	62	65	67	68	66	68	65	66	68	60	52	58	64	67	52	54	66	72		57.6
Pittsburgh Arpt Sta. 1	Maximum	74	78	60	51	52	63	67	74	75	83	80	77	83	92	85	85	80	73	72	81	78	81	85	89	90	83	87	90	92	92		78.4
	Minimum	47	52	45	43	38	42	45	50	57	59	64	61	65	67	69	66	65	61	59	59	59	56	61	63	67	65	61	67	73	72		58.6
Pittsburgh City Office 1	Maximum	74	80	63	52	54	64	70	74	76	84	81	80	85	94	88	88	81	75	75	83	82	82	87	91	92	84	88	92	95	94		80.3
	Minimum	50	54	47	44	43	41	44	51	56	63	67	65	68	68	71	70	68	62	61	60	62	58	59	64	67	67	62	69	78	75		60.5
Port Clinton	Maximum	52	62	61	54	52	65	72	74	70	65	85	82	82	92	94	88	88	86	72	81	85	82	88	91	88	78	86	88	92	94		78.3
	Minimum	38	45	44	47	47	38	38	42	48	57	57	67	57	62	68	65	65	64	64	62	57	58	57	60	62	64	52	54	63	65		55.6
Putneyville-2.5 SE	Maximum	60	77	65	53	49	64	70	72	74	79	80	77	79	88	88	82	80	73	73	79	79	80	85	89	89	80	84	86	91	92		77.2
	Minimum	43	44	47	41	35	32	33	34	50	58	62	58	62	60	63	64	63	60	53	53	50	50	46	58	57	50	48	59	68	69		52.3
Quakertown-0.5 E	Maximum	62	63	63	63	67	64	71	74	73	70	84	82	84	91	93	90	90	89	78	81	82	81	86	89	90	85	88	88	89	94		80.0
	Minimum	36	43	50	45	45	41	43	46	48	54	61	65	57	61	70	76	73	65	63	62	57	73	52	57	70	69	63	64	63	73		58.2
Reading 1	Maximum	58	66	66	59	59	67	74	77	73	69	88	83	87	95	96	92	91	91	74	84	87	83	91	93	93	83	88	91	94	97		81.6
	Minimum	45	47	53	50	49	46	47	53	54	58	68	69	64	68	73	74	73	67	66	64	64	61	62	67	73	67	62	62	68	79		61.8
Ridgway	Maximum	51	74	56	55	67	54	71	75	74	74	82	77	81	89	89	83	82	72	76	82	79	83	88	90	88	81	86	87	91	92		77.6
	Minimum	32	37	45	39	40	34	31	34	40	50	59	57	56	59	59	60	60	63	53	51	51	50	39	42	51	54	44	45	57	63		48.5
Scranton 1	Maximum	52	57	55	49	53	62	68	74	77	68	84	75	78	90	93	86	83	80	80	85	87	86	69	80	84	78	86	91	90	75	83	87	91	88		76.5
	Minimum	40	44	46	44	46	48	43	42	49	60	65	61	58	62	68	67	68	69	60	61	58	60	56	63	64	63	53	54	63	70		56.8
Selinsgrove	Maximum	69	69	66	59	60	68	72	75	79	72	84	84	84	92	93	88	86	83	85	84	83	82	89	92	89	87	84	86	92	92		80.9
	Minimum	42	37	54	45	45	38	39	45	53	58	64	64	59	64	65	65	65	55	55	60	56	54	58	51	58	62	63	51	61	64	72		55.2
Somerset	Maximum	73	76	63	48	49	61	69	70	71	81	73	74	81	89	87	82	80	81	71	77	76	77	80	87	86	79	84	86	87	89		76.2
	Minimum	45	50	48	41	36	30	30	32	40	54	60	61	59	56	59	64	62	61	57	57	47	50	44	48	51	55	44	54	66	66		50.9
Springs 6-1 SW	Maximum	70	73	61	46	46	60	66	66	70	79	72	72	79	86	83	80	80	75	67	73	75	73	77	83	83	76	80	83	84	86		73.5
	Minimum	44	48	45	41	32	31	32	38	41	55	57	59	56	56	59	56	63	58	57	52	43	50	44	46	54	54	47	50	66	65		50.9
State College 1	Maximum	50	70	61	54	53	65	73	76	71	68	82	80	80	91	91	87	83	80	69	81	82	80	85	90	92	80	83	87	91	91		77.6
	Minimum	41	45	46	43	40	38	41	46	59	60	64	62	64	71	67	66	65	66	59	57	59	55	54	65	64	61	52	60	69	76		57.2
Stroudsburg-2 E	Maximum	60	59	58	52	53	65	68	76	78	72	88	87	83	94	96	94	91	90	89	82	87	84	90	94	92	85	86	90	93	96		81.1
	Minimum	35	44	50	47	46	39	44	38	46	56	60	64	54	61	63	64	66	65	63	62	56	55	50	56	61	64	48	48	62	69		54.5
Tamarack 2 S	Maximum	44	58	53	52	49	62	68	69	68	62	72	75	77	85	84	82	79	76	67	76	75	76	80	85	84	74	79	72	87	86		72.1
	Minimum	34	35	41	37	37	36	38	41	49	51	56	57	57	60	65	64	64	61	52	52	54	50	51	54	60	60	55	55	62	67		51.8
Tionesta 1-1.5 SE	Maximum	54	77	50	52	54	64	70	75	76	80	80	76	84	88	85	82	77	68	75	80	76	78	83	87	88	79	83	88	89	90		76.3
	Minimum	40	40	48	40	39	33	35	38	43	52	63	60	59	62	63	63	64	64	51	52	56	50	46	50	55	60	50	56	64	65		52.0
Titusville-2 S	Maximum	57	74	63	50	50	63	70	73	73	73	76	73	78	84	82	78	78	74	75	78	74	77	82	86	85	77	82	85	89	88		74.9
	Minimum	38	45	44	39	38	28	30	37	42	58	58	56	58	62	66	65	63	58	44	48	57	42	44	53	55	59	45	62	68	68		50.8
Towanda-1 E	Maximum	51	59	56	53	52	63	70	74	74	67	84	77	80	92	92	86	81	83	73	82	84	78	85	91	92	78	82	80	92	89		76.7
	Minimum	34	41	45	42	45	43	40	39	43	57	63	61	58	60	63	66	63	65	58	58	53	58	53	61	57	63	50	52	63	72		54.0

Continued on page 48.

Daily Temperatures for June 1945—Continued from page 47.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	83	81	67	54	54	63	69	78	78	83	80	78	86	94	88	85	80	79	72	82	81	79	84	89	90	82	88	91	92	95	....	80.2
	Minimum	53	62	53	45	43	35	38	46	53	58	64	64	64	63	69	69	66	64	64	59	57	58	53	58	61	65	60	64	74	78	....	58.7
Vandergrift[1]	Maximum	72	80	61	54	55	65	72	78	80	84	82	80	85	94	89	87	80	77	76	84	81	83	89	91	93	85	88	93	95	95	....	80.9
	Minimum	47	50	50	45	42	36	39	44	54	61	65	64	65	64	67	68	68	63	60	57	59	54	52	57	62	66	53	63	73	71	....	57.3
Warren	Maximum																															§§	
	Minimum	37	44	43	40	41	34	30	39	45	59	60	57	58	61	64	64	64	62	50	51	55	52	45	55	56	61	50	60	65	66	....	52.3
Waynesburg	Maximum	80	75	55	68	52	62	67	76	75	81	76	76	82	91	88	84	83	79	71	79	78	80	84	87	89	86	84	89	90	92	....	78.6
	Minimum	52	55	51	47	42	33	36	45	49	57	64	60	64	62	67	67	65	63	60	54	56	54	50	56	58	66	54	62	72	70	....	56.4§
Wellsboro[2]	Maximum	46	59	48	55	54	62	69	73	75	66	83	75	78	90	90	88	81	79	72	82	81	78	83	89	90	76	82	82	91	90	....	75.4
	Minimum	29	32	43	40	40	39	35	37	41	47	59	53	51	56	59	60	59	62	54	55	56	53	46	54	54	55	45	48	55	62	..	49.3
West Chester	Maximum	64	70	73	58	60	61	72	75	73	74	88	82	88	92	93	91	91	91	79	83	87	79	86	91	91	81	84	89	91	96	....	81.1
	Minimum	41	44	53	49	45	41	46	51	50	57	64	68	65	68	71	71	69	68	64	64	63	60	56	63	67	68	59	60	66	78	..	59.4
Wilkes-Barre[3]	Maximum	52	58	56	51	56	65	71	74	76	68	85	78	80	92	93	88	89	87	67	80	85	80	87	93	91	76	84	87	91	89	...	77.6
	Minimum	36	44	46	45	46	44	41	47	46	58	63	58	63	62	67	67	67	65	60	60	57	54	53	60	64	58	55	55	67	71	....	56.0
Williamsport Arpt.[3-4] E	Maximum	48	57	61	56	57	63	71	74	72	67	85	80	82	92	91	88	86	85	71	82	87	81	87	91	91	80	85	80	90	91	...	77.7
	Minimum	36	45	47	45	46	45	40	45	62	61	63	60	58	65	65	67	66	66	62	58	56	55	55	62	62	60	55	56	64	73	....	56.7
Williamstown	Maximum	67	66	68	58	59	66	72	75	72	70	84	81	82	93	92	89	89	86	71	80	85	80	88	91	90	87	85	90	90	93	....	80.0
	Minimum	39	44	53	44	46	38	36	41	47	56	64	64	59	60	64	63	64	64	62	61	55	52	50	60	60	64	50	52	60	70	....	54.7
Woodward[3-2] NE	Maximum	46	60	61	50	50	63	67	69	68	62	79	75	74	87	87	82	80	79	64	75	78	74	81	86	85	72	78	81	86	88	....	72.9
	Minimum	37	39	38	38	36	37	43	49	53	55	60	59	60	66	64	63	64	58	55	55	56	54	53	61	62	59	54	60	60	68	....	53.9
York 3 SW	Maximum	78	73	69	66	62	71	75	78	75	76	89	87	89	97	96	94	94	92	75	86	89	89	90	96	96	88	89	93	96	100	....	84.8
	Minimum	41	45	57	49	49	37	40	44	46	59	66	66	65	66	69	67	69	65	65	65	60	61	51	61	65	65	53	59	65	72	....	58.1

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.27	6	29.63	2	6.3	22	sw.	29	86	73	78	58	129
Harrisburg	30.20	2	29.59	7	6.4	26	sw.	11	76	54	65	67	61
Philadelphia	30.19	7	29.57	3	7.0	33	w.	18	81	53	64	65	65
Philipsburg	30.24	7	29.61	2	7.5	19[a]	w.	13	84	61	75	....	177
Pittsburgh	30.24	7	29.61	2	8.6	38	sw.	16	79	54	62	50	81
Reading	30.21	7	29.59	3	8.4	49	nw.	28	75	50	46‡	58	65
Scranton	30.70	7	29.57	3	5.4	25	sw.	28	81	60†	....	47	113

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.8	4.7	6	3.3	2	18
Easton	Delaware	4.5	6.3	22	3.3	16	23
Lehighton	Lehigh	4.1	5.2	3	3.6	30	9
Reading	Schuylkill	4.4	5.2	11	3.7	28	13
Wilkes-Barre	N. Br. Susquehanna	6.0	9.5	18	4.1	30	22
Williamsport	W. Br. Susquehanna	3.5	8.4	4	1.5	28	20
Newport	Juniata	4.4	5.1	4	3.7	26†	22
Harrisburg	Susquehanna	4.6	5.5	5	4.0	29	17
Schenley, (nr) Lock No. 5.	Allegheny	13.9	15.9	4	12.7	30	24
Sutersville	Youghiogheny	3.9	5.0	12	3.0	30	20
Charleroi (nr.), Lock No. 4	Monongahela	12.7	16.2	13	11.4	4,25	30
Pittsburgh	Ohio	*	*	*	*	.....	25
Midland, Dam No. 7	Ohio	*	*	*	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†| Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Hawley, 1 S.	"	Wallenpaupack Dam (Evaporation)
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Shaver Creek (Evaporation)
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—9-5-45—975)

51.05
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. L. JULY 1945. No. 7.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

Frequent thunderstorms, approaching cloudburst proportions, dominated July's weather. Loss of life, injuries, extensive crop and property damage resulted. At Wild Creek Reservoir in Carbon County, source of Bethlehem's municipal water supply, 17.89 inches of rain during the month broke the previous all-time record of 17.70 inches, which occurred at York in August 1933. However, this new value is still far outdistanced by the 35-inch United States record for an indicated rainfall of less than 24 hours duration, made during the McKean and Potter Counties storm of July 17-18, 1942. Although twenty-one stations reported new July, and nine others new all-time records, the State average of 5.75 inches is not near a record.

July 1 was the warmest day of the month, and the death toll from various causes due to the heat reached its peak, the heat having made a good start during the close of June. Cooler weather set in the next day. As a result, damage and injuries were reported in the Philadelphia area due to thunderstorms generated during the change of airmass. However, even more severe storms were prevalent on the 5th in that area as the weather warmed up. One person was killed by lightning, two trolley cars were struck; sewers backed up, stalling autoists and interrupting subway and surface transportation.

On the early evening of the 9th, portions of Northampton and Lehigh Counties experienced one of the worst electrical and torrential rainstorms of record. In a few brief hours, between 7 and 11 p. m. E. W. T., six died (four in Phillipsburg, N. J.). Crops and property suffered damage amounting to about four million dollars, due to inundation, erosion, wind, hailstones as large as hickory nuts, and fires started by lightning. It is reported that 6.20 inches of rain was recorded at Easton during the storm, while north of that town to Bangor, unofficial readings up to 8 and 9 inches were found. The concentration of rain caused rivulets to become raging streams, and streets flowing creeks, resulting in a great amount of erosion and deposit of silt, stones, and rubble to a depth of 3 feet, as velocity decreased. The Aquashicola Creek was highest in 44 years of record; others in the storm area were not so high, and there was no flooding on the Lehigh or Delaware Rivers. Bath was entirely flooded by the Monocacy Creek, and sanitary conditions became acute. At Northampton the water works was damaged. Bangor and Nazareth also suffered seriously from the elements. Firemen, in Easton alone, answered 10 alarms due to lightning striking various structures. The railroads had a number of washouts. Just prior to this storm, Boalsburg, Center County, experienced a severe hailstorm of passing note at 5:00 p. m. Stones were reported 2 to 2 1/4 inches in diameter, and a few compound stones as large as 4 inches.

Nature, not content to rest on the laurels of rainfall records, plummeted the morning temperature of the 12th to new July minima at several stations, and quite generally to lows equalling records standing up to 50 years.

By mid-July the pressure systems were definitely arranged in such a manner as to again produce heavy rains over the eastern half of the State. The persistency of this pattern for many weeks led many skeptics to momentarily reconsider the veracity of St. Swithin's legend, but greater confidence should have been placed in the old proverb, "During wet weather it rains without half trying." Downpours of 3 to 4 inches of rain were prevalent on the 14-15th, 18-19th, 22d, and 28-29th. Scranton suffered in the first of these. By the 18-19th, the Schuylkill and Lehigh Rivers were swollen, but confined to their banks, although creeks in several counties caused isolated flooding. The third series of these storms, those of the 22d, caused more than a quarter million dollars damage in the southeastern counties, and particularly at Elizabethtown and Robesonia. Many other storms of note occurred, that space will not permit detailing, but we cannot pass without two final references. On the 28th, a storm deposited 3.52 inches of rain at Johnstown in 90 minutes, stalled traffic, and filled streets with silt The unique tradition that rain will fall at Waynesburg on July 29th was fulfilled Only three times by "oral or written records has rain failed to fall on the 29th, in that community, in the past 69 years."

TEMPERATURE.

The average temperature for the State as deduced from the reports of 85 stations was 70.4°, which is 1.8° below the 58-year normal for July. The highest monthly mean was 77.8° at Marcus Hook, and the lowest was 65.2° at Kane. Extremes ranged from a maximum of 103° at Marcus Hook on the 1st, to a minimum of 32° at Philipsburg on the 12th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 204 stations, was 5.75 inches, which is 1.47 inches above the 58-year normal for July. The greatest monthly amount was 17.89 inches at Wild Creek Reservoir, Carbon County, while the least was 1.62 inches at Mercer and Farrell. The greatest amount recorded in any 24 consecutive hours was 5.33 inches at Wild Creek Reservoir on the 9-10th.

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation			No. of days.		
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	69.2	97	38	3.45		8	15	10	6
1889	71.6	96	39	6.80		13	12	10	9
1890	70.7	101	33	3.52		8	13	11	7
1891	67.8	97	34	6.32		13	11	10	10
1892	73.1	103	38	3.93		10	15	11	5
1893	72.1	102	36	3.15		10	15	12	4
1894	73.8	103	31	2.32		7	15	11	5
1895	69.1	102	34	3.24		9	12	12	7
1896	72.8	98	40	6.89		14	10	11	10
1897	73.4	103	41	6.26		14	10	11	10
1898	74.8	107	33	3.36		9	12	12	7
1899	72.3	101	35	3.91		10	12	11	8
1900	74.0	104	35	4.86		11	14	12	5
1901	76.4	107	45	3.88		11	10	13	8
1902	71.8	99	41	6.04		15	10	12	9
1903	71.2	98	35	5.36		12	13	12	6
1904	70.6	99	34	4.68		13	12	11	8
1905	72.6	99	39	4.87		15	10	12	9
1906	71.3	95	38	4.31		10	12	13	6
1907	71.5	96	34	3.84		10	15	12	4
1908	73.9	104	39	4.81		11	14	12	5
1909	69.7	98	34	2.14		7	16	11	4
1910	72.8	99	41	2.42		7	16	11	4
1911	73.7	105	36	2.81		8	16	11	4
1912	71.3	100	36	5.29		11	12	11	8
1913	71.8	101	40	4.16		11	15	10	6
1914	71.3	101	38	4.19		12	12	11	8
1915	70.7	98	40	5.28		15	10	13	8
1916	74.3	98	37	4.45		10	14	10	7
1917	72.1	105	40	4.33		13	12	12	7
1918	70.1	99	35	3.05		9	16	10	5
1919	72.6	104	34	5.90		11	16	8	7
1920	69.5	96	33	4.37		11	15	10	6
1921	75.9	104	45	4.13		10	15	11	5
1922	71.9	98	38	3.68		9	14	10	7
1923	71.0	100	32	4.24		11	15	9	7
1924	69.7	97	34	3.42		9	17	10	4
1925	70.5	101	32	5.57		12	13	11	7
1926	71.8	105	35	3.82		10	15	9	7
1927	71.7	100	29	4.97		12	14	11	6
1928	72.8	96	40	5.44		13	16	9	6
1929	71.8	99	33	2.81		8	18	9	4
1930	73.0	106	35	2.23		7	19	8	4
1931	75.2	105	39	5.28		12	15	10	6
1932	72.0	100	36	3.39		10	16	10	5
1933	72.5	104	35	4.26		8	17	9	5
1934	75.5	107	40	4.01		9	17	10	4
1935	75.0	104	42	5.63		12	15	10	6
1936	73.5	111	37	2.88		8	18	9	4
1937	72.4	101	37	4.47		12	14	10	7
1938	73.2	100	40	4.81		12	13	10	8
1939	71.7	100	36	3.12		9	14	11	6
1940	72.3	105	33	3.25		10	15	10	6
1941	73.1	104	29	5.11		12	11	11	9
1942	72.5	102	35	5.16		13	11	12	8
1943	72.6	100	31	4.47		12	12	12	7
1944	72.2	100	37	2.39		8	15	12	4
1945	70.4	103	32	5.75		14	8	10	13
Period	72.2	111	29	4.28		11	14	11	6

Climatological Data for July 1945

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 4 NE.	Lehigh	384	5	73.1	−1.2	95	1	48	12	8.16	+3.55	1.71	14-15	0	17	2	11	18	e.	U.S. Weather Bureau.
Altoona 4.5 W.	Blair	1,500	60	70.3	−0.6	92	26	41	12	4.63	+0.69	1.22	28-29	0	14	14	12	5	w.	City of Altoona.
Burnt Cabins 2 NE	Fulton	990	4	72.6	.....	98	26	41	12	4.54	.....	1.05	28	0	15	12	2	17	s.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	77	73.2	−1.8	96	1	45	12	4.77	+0.87	2.20	22	0	17	12	5	14	ne.	Clarence E. Miller.
Chambersburg 1 SW	Franklin	600	50	73.7	−1.1	97	1	44	12	3.54	−0.22	0.95	31	0	15	10	14	7	s.	Charles A. Bender.
Coatesville	Chester	431	58	75.3	+0.4	98	1	48	12	6.37	+1.71	1.26	18	0	17	2	9	20	nw.	Howard L. Pyle.
Curwensville Apt. 6 NW	Clearfield	2,215	3	66.8	.....	84	24†	40	12	5.40	.....	0.91	28-29	0	17	4	11	16	s.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	67.8	.....	85	1†	44	11†	7.59	.....	3.18	28-29	0	14	7	10	14	se.	Carl E. Bigger.
East Waterford 3 E.	Juniata	2,125	8	68.6	.....	87	1	49	11	3.74	.....	1.20	28-29	0	19	2	11	18	s.	U. S. Weather Bureau.
Emporium‡ 1 E	Cameron	1,100	59	69.9	+0.1	92	1	41	11†	5.12	+0.73	2.04	28-29	0	18	5	1	25	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	74.6	−0.4	97	1	48	12	8.27	+3.63	2.69	14-15	0	15	3	12	16	ne.	Ephrata Review.
Everett 0.5 SW	Bedford	1,020	23	71.4	−0.3	94	1†	41	12	5.28	+1.37	1.15	17-18	0	14	11	6	14	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	68.2	−0.9	87	1	46	11	10.14	+4.93	2.96	18-19	0	13	9	1	21	s.	Andrew B. Evansha.
George School	Bucks	184	39	73.6	−0.7	96	1	48	12	9.03	+4.40	2.10	2-3	0	18	9	8	14	e.	N. W. Swayne.
Gettysburg	Adams	500	72	74.0	−0.6	95	1	48	12	4.73	+0.91	1.19	14-15	0	14	12	8	11	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	71.3	+0.7	92	1	40	12	11.03	+6.12	3.64	18-19	0	13	10	4	17	s.	Miss Sallie M. Johnson.
Hanover	York	600	41	74.5	−1.3	96	1	51	12	9.85	+5.49	4.98	14-15	0	15	9	6	16	s.	Hanover Evening Sun.
Harrisburg Arpt. 3.5 S.	Dauphin	351	76	74.2	−0.6	97	1	49	12	8.52	+4.69	3.91	18-19	0	14	2	9	20	se.	U. S. Weather Bureau.
Hawley 0.5 E	Wayne	980	35	69.2	−1.2	93	1	40	12	8.25	+4.00	2.60	14-15	0	13	10	14	7	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	75.8	−1.3	95	1	55	12	7.77	+3.84	1.73	17-18	0	17	7	7	17	s.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	72.3	−0.2	95	26	42	12	2.66	−1.27	1.31	31-1	0	14	4	15	12	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	58	73.2	−1.0	95	1	46	12	9.66	+5.25	2.86	14-15	0	16	14	6	11	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	71.4	+0.8	94	1	42	12	3.38	−0.70	0.94	28-29	0	12	12	16	3	n.	Carlos P. Darling.
Lebanon	Lebanon	469	61	73.9	−0.3	96	1	49	12	10.19	+5.74	2.56	17-18	0	16	8	8	15	w.	Lebanon Valley Gas Co.
Lewistown 2 SW	Mifflin	580	7	72.0§	.....	95	26	45	12†	3.18	.....	1.07	28-29	0	13	.....	.....	.....	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	73.2	−0.4	93	1	48	11	3.89	−0.18	1.27	28-29	0	15	13	7	11	w.	William R. Kelley.
Marcus Hook‡‡	Delaware	12	19	77.8	−1.3	103	1	57	12	6.46	+2.25	1.32	28-29	0	14	10	8	13	s.	Sun Oil Co.
Martinsburg	Blair	1,493	3	70.2	.....	90	25	44	12	4.27	.....	0.93	9	0	14	1	15	15	s.	U. S. Weather Bureau
Montrose 3 E	Susquehanna	1,176	40	67.4	−0.9	87	1	43	11	5.63	+1.58	2.94	28-29	0	12	7	5	19	s.	Harry S. Fancher.
Mt. Pocono Arpt. 2 N.	Monroe	1,914	4	66.0	.....	87	1	41	12	15.86	.....	4.25	14-15	0	17	6	5	20	s.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	71.0	−2.4	94	1	43	18	11.62	+6.96	4.05	14-15	0	17	11	6	14	ne.	New Jersey Zinc Co.
Philadelphia	Philadelphia	10	4	76.0	−0.2	98	1	62	12	8.86	+4.71	2.84	5	0	15	4	8	19	sw.	U. S. Weather Bureau.
Philipsburg 7 E.	Centre	1,916	3	66.0	.....	85	1	32	12	3.86	.....	0.68	31	0	16	3	12	16	se.	U. S. Weather Bureau.
Phoenixville 1.5 SE.	Chester	100	36	76.6	+0.8	98	1	45	12	6.29	+1.43	1.91	5	0	12	10	9	12	w.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	70.8	−2.6	94	1	42	12	10.06	+5.16	2.70	14-15	0	12	12	7	12	.....	Earl E. Rarick.
Quakertown 0.5 E.	Bucks	480	60	73.6	+0.9	93	1†	51	12	6.32	+1.38	1.25	18-19	0	14	10	5	16	s.	John E. Benner.
Reading	Berks	273	75	74.6	−0.6	96	1	51	12	7.50	+3.24	2.20	14-15	0	15	4	7	20	se.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	71.4	−0.3	93	1	45	12	11.75	+7.72	3.69	14-15	0	19	5	12	14	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	71.8	−1.6	92	1	42	12	5.41	+1.37	1.05	28-29	0	17	1	17	13	sw.	Dr. George E. Fisher.
State College	Centre	1,217	60	71.6	+0.6	92	26	46	12	2.63	−1.22	0.67	30-31	0	12	4	10	17	se.	Penna. State College.
Stroudsburg 2 E.	Monroe	440	26	72.5	+0.5	97	1	42	12	11.55	+6.13	3.82	9-10	0	14	9	6	16	nw.	Metropolitan Edison Co.
Tamarack 2 S	Clinton	2,250	5	66.4	.....	85	1	43	11†	3.25	.....	0.95	28-29	0	17	5	14	12	e.	James E. Swartz.
Towanda 1 E	Bradford	754	51	71.0	+0.4	91	1	40	12	4.83	+1.12	2.04	28	0	14	8	13	10	e.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	68.0	−0.8	91	1	38	12	3.60	−0.04	1.41	28	0	12	5	10	16	w.	M. S. Bliss.
West Chester	Chester	440	96	73.8	−0.6	95	1	50	12	10.23	−5.46	2.44	5	0	15	9	7	15	s.	Clyde T. Saylor.
Wilkes-Barre‡‡	Luzerne	541	7	71.0	.....	91	1	46	12	10.05	+5.98	2.46	14-15	0	16	3	11	17	sw.	Civil Aeronautics Authority
Williamsport Apt. 4E	Lycoming	520	1	71.8	.....	91	1	43	12	3.31	.....	2.18	28	0	12	0	21	10	se.	U. S. Weather Bureau.
Williamstown‡‡	Dauphin	775	29	71.4	−1.2	93	1	40	12	9.90	+5.31	2.43	18-19	0	12	2	11	18	....	Gordon E. Lower.
Woodward 2 NE.	Centre	2,191	4	67.7	.....	87	26	46	11	3.14	.....	0.92	28-29	0	11	1	10	20	s.	U. S. Weather Bureau.
York 3 SW	York	390	57	75.4	+0.7	100	1	46	12	9.44	+5.16	2.69	14-15	0	14	9	6	16	s.	York Water Co.
Division mean				**70.3**	.....	**103**	**1**	**32**	**12**	**6.91**	.....	**5.33**	**9-10**	**0**	**15**	**7**	**9**	**15**	s.	
Ohio Drainage																				
Bradford 3 W	McKean	1,680	28	66.4§	+1.4	86	2†	.....	.....	5.44	+1.36	1.74	14-15	0	16	4	22	5	w.	City Water Dept.
Brookville	Jefferson	1,400	55	69.0	+0.9	90	24	37	12	3.78	−0.57	1.65	14-15	0	14	1	18	12	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	32	72.2	−0.2	94	26	38	12	2.86	−1.38	1.15	25-26	0	9	19	11	1	nw.	Butler Eagle.
Clarion‡‡ 3 SW	Clarion	1,114	35	71.0	.....	91	24	40	12	2.69	−1.70	1.01	14-15	0	14	6	9	16	e.	Penna. Electric Co.
Claysville	Washington	1,170	42	70.0	−2.9	92	21	42	12	3.02	−1.20	0.99	28-29	0	9	14	6	11	sw.	Walter B. Paget.
Corry	Erie	1,410	31	68.4§	−0.7	90	25	40	12	2.42	−0.70	0.79	30-31	0	13	.....	.....	.....	.....	J. Fred Kinley.
Coudersport‡‡	Potter	1,653	21	66.9	−1.2	88	1	33	12	5.87	−1.34	1.32	14-15	0	19	3	14	14	e.	Potter Enterprise.
Derry	Westmoreland	1,150	48	73.0	+0.3	91	9†	41	12	3.33	−1.26	0.59	15-16	0	13	9	17	5	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	68.8	.....	91	14	36	12	7.22	.....	2.38	26	0	13	8	19	4	w.	Donora Zinc Works.
Donora‡‡	Washington	761	19	75.0	−1.0	94	26	49	12	2.90	0.56	1.12	2	0	12	5	11	15	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	67.4	−0.9	86	25	38	12	6.50	+2.38	1.62	28-29	0	15	11	6	14	sw.	Miss Emma H. Eastman.
Farrell	Mercer	855	32	76.4	+2.8	97	25	47	12	1.62	−1.97	1.03	14	0	8	18	6	7	ne.	Carnegie-Illinois Steel Corp.
Ford City 4 S	Armstrong	950	2	70.8	.....	94	21	40	12	2.37	.....	1.41	31-1	0	11	18	4	9	w.	U.S. Engineers.
Franklin	Venango	987	71	69.8§	−0.9	90	24	41	12	4.83	+0.40	0.85	14-15	0	17	17	9	5	w.	William K. Fuller.
Greensburg 2 S.	Westmoreland	1,160	36	71.2	−1.3	91	21	37	12	2.09	−1.71	0.74	2	0	12	10	10	11	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	.....	.....	.....	.....	.....	.....	3.05§	−1.18	0.80	31	0	11	17	13	1	s.	Indiana State Teachers Col.
Jamestown 2 NW	Mercer	1,050	4	69.7	.....	92	25	44	11†	4.63	+0.91	1.45	25	.....	15	....	....	....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	73.4	+0.4	93	1†	48	12	7.49	+3.01	4.27	28-29	0	14	12	9	10	se.	Johnstown Tribune Pub. Co.
Kane 1 N.	McKean	1,750	30	65.2	.....	85	1†	33	12	7.03	+2.86	2.10	14	0	18	5	6	20	w.	Spring Water Co.
Meadville 1 S.	Crawford	1,065	51	69.1	−0.6	91	25	40	11†	3.52	−0.63	1.48	14-15	0	8	6	20	5	sw.	City of Meadville.
Midland	Beaver	780	9	72.5	.....	92	25	47	12	3.11	.....	1.30	14-15	0	12	8	9	14	nw.	Perry P. Campbell.
New Castle 1.5 N	Lawrence	900	65	72.8	+0.2	94	1	41	12	3.79	−0.39	1.96	14-15	0	8	13	14	4	s.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	73.0	0.0	91	25	52	11	2.74	−1.31	1.00	2	0	12	4	17	10	sw.	U. S. Weather Bureau.
Putneyville 2.5 SE	Armstrong	1,270	2	70.2	.....	90	1	40	12	4.07	.....	1.18	28	0	16	7	14	10	sw.	U. S. Engineers.
Ridgway	Elk	1,385	38	68.2	+0.3	90	25	38	12†	6.63	+2.38	2.33	14	0	17	9	9	13	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	68.4	−0.2	87	1†	36	12	3.56	−1.06	0.62	14-15	0	14	1	12	18	sw.	D. L. Grove.
Springs 1 SW	Somerset	2,500	26	66.0	−1.4	84	26	39	12	7.46	+3.02	2.23	28-29	0	17	1	8	22	w.	Allen E. Yoder.
Tionesta 1.5 SE	Forest	1,200	8	68.9	.....	90	24†	40	12	3.81	.....	2.10	14-15	0	14	12	8	11	w.	U. S. Engineers.
Titusville 2 S	Crawford	1,550	2	68.7	.....	91	25	38	11	3.06	.....	1.30	14-15	0	13	1	28	2	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	73.9	+0.5	93	26	46	12	5.24	+0.43	1.18	2	0	15	14	12	5	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	73.8	+0.3	94	25	43	12	3.49	−0.60	0.88	30	0	11	11	18	2	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	57	69.2§	−0.6	.....	.....	41	12	4.75	+0.33	2.65	14-15	0	11	18	13	0	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	72.3	−1.2	94	21	42	12	3.06	−1.19	1.00	29	0	9	3	17	11	w.	Thomas S Knox.
Division mean				**70.5**	.....	**97**	**25**	**33**	**12**	**4.19**	.....	**4.27**	**28-29**	**0**	**13**	**9**	**13**	**9**	sw.	
Lake Drainage																				
Albion	Erie	900	2	69.7§	.....	91	21†	45	12	2.13	.....	1.57	14-15	0	8	21	2	8	ne.	Samuel D. Lewis.
Erie	Erie	705	72	71.7	+0.7	90	25	53	11	2.69	−0.32	1.59	14-15	0	11	10	14	7	w.	U. S. Weather Bureau.
State mean				**70.4**	**−1.8**	**103**	**1**	**32**	**12**	**5.75**	**+1.47**	**5.33**	**9-10**	**0**	**14**	**8**	**10**	**13**	s.	

[See page 56 for explanation of reference marks.]

Daily Precipitation for July 1945

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																
Delaware Basin																																
UPPER DELAWARE																																
Dingmans Ferry[2], 0.5 E	Pike	.03		.66			.77				.23	1.05				.72	.53		.19	1.47	.27	.52		.02				1.98		2.65			11.09
Hawley[2], 0.5 E	Wayne			.16			.41	T.	.01		.22	.38				1.22	1.38		.24	1.85	.71	.12		.01	T.		T			1.54			8.25
Hollisterville[2]	Wayne	T.		.18			.34	.31			.25	.58				1.60	.31		.59	1.76	.46	T.		.01			.02			1.86			8.27
Lakeville[2], 1 N	Wayne			.13			.42	.02			.22	.33				.88	.30		.13	1.57	.31	.15						02		2.37			6.85
Matamoras[2]	Pike			.23			.64					.66				.69	.64	.24	1.46	.25		.14					.12			1.54		.15	6.76
Mount Pocono[1, 2] N	Monroe	.11	.23			2.00	T.		.29	1.79	.21				1.47	2.93		.26	1.16	.68	2.81		.04	.02	T.				1.46	.05		.35	15.86
Pleasant Mount[1, 5], 1 W	Wayne		.13			.48				.35	.15				.20	1.35		*	*	2.27	*	*	*	.13	.20			*	*	*	2.42	.02	7.70
Stroudsburg, 2 E	Monroe		.47	.10		.17	.95				3.82					1.42		.12	.18	2.01	.19		.05	.77					T.	.81			11.55
Tanners Falls[1, 5], 1 SE	Wayne		.07			.41			.26		.08				.18	2.27		.15	.57	1.67								.20		3.66	.52			10.04
LEHIGH																																
Allentown Arpt[1], 4 NE	Lehigh	.02	.18			1.36	T.			1.06	.61				.80	.92		.11	.88	.18	.05		.35	.11			1.15		.30	.06		.02	8.16
Allentown[2]	Lehigh			.15			1.15				.05	.40				1.02	.63	.01	.38	.63	.14	.47		.45	T.			.96		.43	T.		6.87
Bethlehem[1]	Northampton		.13			.77				.18	.34				.40	1.10		.26	.52	.68	.04		.45	.55			.40		.09	.02		T.	5.93
Blakeslee Corners[1, 5]	Monroe	*	.50			1.08				2.30		*	*	*	*	*	3.53	.16	*	*	*	*	2.16	.55					*	*	1.93	.30	12.51
Gouldsboro[2]	Wayne	T.		.45			.75				1.15	.18				2.80	.56		.50	1.48	.48	.17		.03			.05			1.68			10.28
Lansford[2]	Carbon	.08		.38			2.20				.44	.37				*	2.50		.40	1.69	.15	.10		.10					T.	1.35			9.76
Mauch Chunk, 1 SW	Carbon	.13	.22	.03			3.50			.20	1.23					3.32	.03	.05	.65	1.49	1.22		.10	.04					.01	.96		T.	13.18
New Tripoli	Lehigh	.21	.17			.66	1.46				.32				.08	4.16	T.	.15	.75	.35	T	.15	.32	.01			.04		.03	.13		T.	8.99
Palmerton[1, 5]	Carbon		.21			1.99	.01		.01	2.17	.57				1.20	2.85		.10	.63	.55	.75		.14	T.			.04		.32	.04	T.	.02	11.62
Zionsville, 1 SW	Lehigh		*	.15		.40	.35				.35					1.50		.15	.90	1.60		.10	.45	.15			.15			.20			6.45
SCHUYLKILL																																
Conshohocken	Montgomery		*	1.26		1.13	.91				*	.85				.68		*	*	2.07			*	.17			T.	.90	T.	.73		*	8.70
Fredericksville[2], 1 S	Berks			.22			1.44	T.				.29				1.08	.68	.08	.59	.90	.10	.55		.41			.06	.81	T.	.26	T.	T.	7.47
Gratersford[2]	Montgomery		.06	1.69			1.23					.73				.61	.66	.14	.54	.96	.53	.21		.16			.44	.24		.22	.12	.08	8.62
Phoenixville[2], 1.5 SE	Chester			1.06			1.91					.18				.43	.50	T.	.41	.70	.09	.02		.07			T.	.67	T.	.25	T.		6.29
Port Clinton[2]	Schuylkill	.03		.16			1.50					.27				2.70	.80		1.95	1.35	.04			.31				.56		.39			10.06
Pottstown[2], 0.5 S	Montgomery			.55			.62					1.03				.45	.93	.06	.47	1.28	.92	.10		.54			.19	.22	.01	.04	.05	T.	7.46
Pottsville[2]	Schuylkill			.39			.83				.38	1.20				1.80	.48	T.	1.12	2.33	.17			.10						1.33	T.		10.13
Reading[1, 5]	Berks	T.	.30			.25	T.				.48				1.10	1.13	.01	.51	1.29	.30	.03		1.21				.62		.17	.03		.07	7.50
Wernersville	Berks	.01	.22			.10	.09				.03				.36	2.31		.32	.70	.68	.07		.95	T.			.98		.01	.12		.03	6.98
LOWER DELAWARE																																
Coatesville[6]	Chester		.93	.02		.24	.07				.42				.35	1.25	.01	.34	1.26	.56			.25	T.			.33	.01	.08	.21		.04	6.37
Doylestown	Bucks	T.	.67	.09		.29	.49			T.	.97					.74		.22	1.42	2.08		.35	1.66	1.29			.52		T.	.22		T.	11.01
George School[6]	Bucks		2.07	.03		.61	.62				.53	.03	T.		T.	.77	.01	.32	.64	1.63		T.	.75	.22	.10	T.	.28	.01	T.	.38	T.	.03	9.03
Marcus Hook[2]	Delaware			.55			1.00	.02				.51				.38	.17		1.03	.40	.05			.18	.15			.70		1.27	.05		6.46
Philadelphia Airport Station[1, 5]	Philadelphia		.92				.73	T.			.50					.21	.71	.02	.58	1.27	.22	T.		.30	.80	.01		.48		.47			.02	7.24
City Office[1, 5]	Philadelphia		.85			2.84	.03				.56					.28	.48	.04	.57	1.27	.07			.59	.02			.08	T.	.88	.30		T.	8.86
Shawmont	Philadelphia		.93	.20		.40	1.05				T.	.84				.74	.03		.23	1.13	.15			.02	1.02			.04	1.68	.85			.02	9.33
Quakertown, 0.5 E	Bucks		.26	.10		.49	.66				.59					1.23		.16	.59	1.25		.22	.61	.01			.07			.08		T.	6.32
West Chester	Chester		1.56			2.44	.75				.46					.74		.27	1.61	.13			.08	.77	.19		.72	T.	.02	.43		.06	10.23
West Grove[2], 1.5 SE	Chester			1.23			1.00					.40				.48	.37	.02	1.68	1.40	.06			.18	T.			.52		.50	.13	.02	7.99
Susquehanna Basin																																
CHEMUNG																																
Austinburg[1, 5], 2 W	Tioga	.16	.23			T.		.03		.02	.11				.10	.08	.04		.09	.12			.17									.05	§§
Covington[2]	Tioga			.08				.07		.10	.24						.33		.05	.07					.57				.03	.76			2.30
Lawrenceville	Tioga		.28	.30				.10	T.	.30						T.	.20		.08		.58		.40	.15					.26	.68		.05	3.38
NORTH BRANCH																																
Berwick[2]	Columbia																															
Canton[2], 1 NW	Bradford			.36			T.		.03		.57					.56	.11		.12	.04		T.	T.	.12	.47				T.	1.23		T.	§3.61
Danville[2]	Montour	.09		.18						.07	.02					1.60	.10		.42	.43				.42						.79			4.12
Freeland[2]	Luzerne	.65		.38			.66				.06					1.30	.12	.05	.68	2.96	.60		T.	.12						2.52	.04		10.14
Hop Bottom[2], 2 S	Susquehanna		.10	.18			.38				.05	T.				.72	.06	.49	.45	1.31	.14			.15						2.05			6.08
Millville[1, 5]	Columbia		.28															.93	.32	.25			.04									1.02	§§
Monroeton[2], 2 S	Bradford	.03		.35			T.				.40	.02				.20	.22		66	.07		.09		.23		.10				2.38		.02	4.77
Montrose[2], 3 E	Susquehanna			.16			.19		T.		.05	.46				.38	.21		.13	1.02	.01	.03		.05						2.94			5.63
Orwell[2], 3 N	Bradford		.02	.28			.02		.01		.17	.05				.46	.16	.45		.05		.07		.22			.02			2.56			4.64
Park Place[3], 1 NW	Schuylkill		.30			.64			.01	.18	.03				.63	2.36		.96	1.82	2.50	.02		.04				T.		2.36	.29		.09	12.23
Pikes Creek[1, 5]	Luzerne		.32			.93				1.17	.03				.20	.79	.02	.60	.41	1.30			.05						*	1.87		.30	7.99
Rush[2]	Susquehanna			.14			.17				.08	T				.17	.14		.82	.27	T.	.43		.11			T.	.05		2.91			5.24
Scranton[1, 5]	Lackawanna	.03	.14			.19	.25	T	.05	1.27	.53				.21	3.48		.07	.53	1.81	.35	.01	.05			.12			2.40			.26	11.75
Susquehanna[2]	Susquehanna																															
Towanda, 1 E	Bradford	T.	.20	.01			.01		T.		.57				T	.22	.17	.07	.98		T		.26		.15	.02	.13		.80	1.24		T.	4.83
Tunkhannock[1, 5]	Wyoming		.27			.42				.95	.15				.04	.83		.55	.32	.66	.11		.12						2.10	.10		.78	7.40
Wilkes-Barre[3], 3 N	Luzerne	T	.22			T.	.29	T.	T.	1.96	.36				.24	2.26		.28	.70	1.49	.01		.04	T.		.07	.36		1.38	T.	.38	.01	10.05
WEST BRANCH																																
Ansonia[2], 2 W	Tioga	.07		.03				.03	.14		.26	.01				.04	.43		.16	.36		.04	.05	.18						1.61			3.41
Carrolltown[2]	Cambria		.25	.45			.22				.06	.07				.94	.07	T.		.40		.53		.03	.06		.04		.41	.56		.18	4.27
Carter Camp[2]	Potter			.29			T.	.05	.04		.44	.01				T.	.39	T.	.15	.16	.01		T.	.19						T.	1.35		.05	3.13
Cedar Run[2]	Lycoming	.06		.28			.39	.02	.11		.21	.10				.08	.22		.07	.03	.08			.52						.03	.75		.06	3.01
Clearfield[2]	Clearfield	.08		.38				.06		.30	.29	.13				.25	.33	.05		.12	.02	.02	.09	.17	1.35					.11	.82		.06	4.63
Coalport[2]	Clearfield		.16	.41			*			.38	*	*				.92	.10	T.		*		*		.46						*	.96		*	3.39
CurwensvilleApt[1] 6NW	Clearfield	.02	.60		T.		.02	T.	.14	.01	.08				.63	.46	.03		.08	.80			.38	.06						.90	.01	.80	.38	5.40
Driftwood[1, 5]	Cameron	.05	.37					.19		.14	.13				.18	.05	.02	.04	.14				.40							1.18		1.32	4.21
Dushore[1, 5]	Sullivan		.34								*	*	*	*	*	*	.50	.67	.10	.16	.10		.14	.60					3.43	.21		.06	6.31
Eagles Mere[2]	Sullivan	.06		.46			.04		.13		.22	.05				.32	1.12		1.02	.48	.24	T.		.22	T.						3.18		.05	7.59
Emporium[2], 1 E	Cameron	T.	T.	.26	T.		.05	.02	.09		.13	.03				.53	.77		.02	.22	.03		.06	.56	.01					.06	1.98	.14	.16	5.12
Galeton	Potter		.32			.02		.05	.12	.22	.82			.03	.03	.02	.60	.05	.27		T.			.30	T.	.03				.22	1.60	.05	.20	4.95
Karthaus[2]	Clearfield	.75		.50			.19	.05	.06	.15	.88	.01				.20	.03	.01		.09			.23	.16						.16	.74	.02	.09	4.32
Lock Haven[2]	Clinton	.43	T.	.40			.26	.03	.02	T.	.20					.08	.03		.10	.29		.05	T.	.72						.43	.84		.01	3.89
Medix Run[1, 5]	Elk	.25	.35				.03	.01	.04	.08	.20				.35	.60	.10	.01	.08				.41							1.87	.05	.12	.65	5.20
Philipsburg[1], 7 E	Centre		.53			.63	.09	T.	.29	.05	.07				.15	.14	T.	.06	.05	.28	.08		.11					T.	.62	.03		.68	3.86
Renovo[2]	Clinton	.14		.33		T.	T.		.19		.82	T.				.06	.18		.10	.07				.68						.06	1.15		.13	3.91
State College[1, 5]	Centre		.39			.44			.08	.26					T.	.71	T.	.02	.04	T.			.12			T.			.31	.01	.36	.39	2.63
Tamarack[2], 2 S	Clinton	.08		.46			.01	.04	.08	.04	.52	.04				.15	.21	T.	.22	.14			.01	.28			T.			.04	.91		.02	3.25
Tyrone[1, 5], 4 NE	Blair		.47			.59				.07					.02	.12		.05											.46			1.93	3.71
Wellsboro[2]	Tioga			.32			.01	.01	.16		.23	.13				T.	.31		.05	.11		T.	T.	.66			.20			1.41		T.	3.60

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Stations	Counties	Day of month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport Apt.[1] 4 E	Lycoming		.22			.02		.03	T.	.12					.03	.01	.01	.15	.11	T.	T.		.18	T.	T.		T.		2.18	T.		.25	3.31
Williamsport[2]	Lycoming	.26		.24			.04	.03	.03		.10					.04			.10	.05				.19	.01					2.37		.02	3.48
Williamsport[2], 4 SE	Lycoming	.28		.18			.06	.01	.02	.02	.24					.08	T.	.02	.19	.06	.01			.13	.16					2.29		.02	3.77
JUNIATA																																	
Altoona, 4.5 W	Blair	.04	.30			.14				.31	.50					.15			.16		.04		.21			.05			.70	.52	.97	.54	4.63
Breezewood[1], 0.5 E	Bedford		.16			.33				.17	.20				T.	.33		.32	.85				.07				.58		1.07	.16	.02	.42	4.68
Buffalo Mills[2]	Bedford			.15			.26				.81					.29		.05	.64	.03		.20		.22				.53		.48	.72		4.38
Burnt Cabins[1], 2 NE	Fulton		.04			.27			.01	.30	.47					.23		.19	.39	.20			.01				.59		1.05	.06	.03	.70	4.54
East Waterford[2], 3 E	Juniata	.30		.01		.03	.06			.02	.05	.03				.13	.64	.01	.55	.02	.01			.23	T.		.01	.40	.03	1.20		.01	3.74
Everett[2], 0.5 SW	Bedford			.24		.10	.58				.20	.15				.07			1.15	.26				.36			T.	.65	.05	.86	.30	.31	5.28
Huntingdon[2]	Huntingdon	.03		.16			.26				.87	.09				.07	.07	.03	.06					.06				.30		.58	.06	.02	2.66
Lewistown[2], 2 SW	Mifflin	.03		.11		T.	.27				.21	.40				.02			.52	.02	.13			.12				.13	T.	1.07		.15	3.18
Mapleton Depot[2]	Huntingdon			.14			.51				.78	.03				.02	.14		.16					.03				.15		.31	.05	.01	2.33
Martinsburg[1]	Blair		.20			.24				.93	T.				.10	.22	T.	.06	.07				.57			.47	.52		.14	.12	.21	.42	4.27
McConnellstown[2] 4NW	Huntingdon			.37			.15				.36	.15				.15	.04	.08	.23	.08				.12				2.00		.79	.39	.06	4.97
Neffs Mills[1, 5], 3.5 NE	Huntingdon		.35			.50				.82	.08					.10		.03	.07										.53	.17		.74	3.39
New Bloomfield	Perry					.05				.08	.09					.39	1.44	.58	.40	.57	.08		1.18				.30	.22	1.39	.59	T.	.06	7.42
Newport[2]	Perry			.06		.01	.01				.08	.47				.45	1.35		.69	.03	.39			.15			.04	.46		2.25		.28	6.72
Saxton[2], 1 W	Bedford			.19			.75				.20	.06				.05	.04		.13	.11				.16				.08	T.	1.08	.02	.11	2.98
Shade Gap[1, 5], 0.5 SW	Huntingdon					.14				.35						.20		.10	.15				1.28			.21	.53		.92	.21		1.50	5.59
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	T.		.51		T.	.10				.04					.46	.28	.03	.93	.15	.06			T.			.29	.31	.07	.23	.04	.09	3.59
Bloserville, 1.5 N	Cumberland		T.	T.		.19				T.	.13				.12	T.	.27	.39	.50	.05			.92	T.	.09	.52		2.25	.32	.38		.02	6.15
Carlisle	Cumberland	.12	.03			.27				.04	.06				T.	.42	.21	.30	.48	.03		2.20				.06	.24		.18	.04	.02	.07	4.77
Columbia	Lancaster	.01	.67			.40	.03				.21				.05	3.55		.69	3 52	.65		.47	.97		T.		.10	.08	T.	.13	T.		11.53
Dauphin[2], 3 N	Dauphin	T.		.26			.02				.08	T.				.21	.35	T.	1.22	.44	.06	.15		.31				.41	T.	1.01			4.52
Ephrata	Lancaster		.72	.02		.05	.23				.05				.13	2.56	T.	.50	1.18	1.22			.95	.42	.02			.13	T	.09	T.	T.	8.27
Glen Rock[1, 5]	York		.20			.41	.04			.02	.28				.80	1.47	.03	1.08	1.23	1.02			.31				.45	.01	.33		.05	.20	7.93
Gordon	Schuylkill		.18				.55				.52				.02	1.47	.35	.70	.90	3.64			.16				.13		2.32	.09			11.03
Grantville, 2 SW	Dauphin	.04	.93			.20				.11	.05				.04	1.29	.38	.65	1.02	2.57		.16	1.64	T.			.63		.27	.12	.24		10.33
Hanover[2]	York	T.		.33			.91				T.	.01				1.10	3.88	.13	.96	.49	.15			.63	T.			.75		.01	.45	.04	.01	9.85
Harrisburg Apt[1, 5], 3.5 S	Dauphin		.36			.05				.08	.04				.05	1.08		.04	3.12	1.36	T.		.60		T.	T.	.44	T	.10	.02	T.	.18	8.52
Holtwood[2]	Lancaster	.01		.43		T.	.25	.01			T.	.62				1.24	.70	.10	1.73	.70	.52	.11		.21	.29			.63		.21	.01	T	7.77
Huntsdale[2]	Cumberland	.02		.10			.15				.06	.41				*.41*	*.20*		*.68*	*.05*			*1.60*			*.75*	.76	1.20	.02	.20	.01	T	§6.60
Kirkwood[1, 5], 1 SW	Lancaster		.70			.36					.52				1.50	.95		.69	2.50	.71			.75				1.53		.28				10.49
Lancaster	Lancaster		.48	.12		.04	.27				.29				.02	2.86		.60	1.58	1.40		.02	1.01	.03	.65			.12		.17			9.66
Lebanon[2]	Lebanon	.44	T.	.26			.73				.01	.20				1.04	1.10	.12	2.56	.57	.19	.01	2.06	.04			.42	T.	T	10.19
Middletown[1], 1.5 W	Dauphin	.05	.42			.30				.10	.34				.14	1.10		1.20	1.11	1.78	.17		.98			T	1.61		.14	.15	T.	.33	9.92
Millersburg[1, 5], 2 E	Dauphin		*.15*			*.12*				.08	.48				.06	.68		.63	.45	.15			.28				.32		2.17	.02	.08	.08	§5.75
Milroy[2], 5 N	Mifflin																																
Newburg[1], 3.5 NW	Cumberland					.29				.03	T.				.09	.98		.28	.15			T.	.07				.11		.50	.07		1.15	3.72
New Park	York	.05	1.73			.43	.55			.05	.20				.03	2.60		.65	2.45	1.30			.50		.05			.86		.37			11.82
Pine Grove[2], 1.5 NE	Schuylkill			.33			.80				.03	.23				*	2.85	T.	1.78	2.73	.48			.74	.02		.09	.58			.85		11.51
Ringtown[2], 1.5 SW	Schuylkill																																
Selinsgrove	Snyder	.22	.13	.01			.11		.08	.20	.34					.38	.78	.27	.36	.21	.02		1.03						.62	.43		.22	5.41
Shamokin[2]	N'umberland	.30		.15			.06			.12	.09	.22				*	1.50		.72	1.00	.03			.29	T.			.27		2.00			§6.75
Shippensburg	Cumberland		T.			.53	T.		T.	.33	.20				.03	.22	.38	.21	.19	.01	T.	.01	.05	T.			.28	.08	.11	.13	T.	T	2.76
Sunbury[2]	N'umberland	1.56		.10			.36			.23	.06	.15				.42	.22		.55	.05	.04			.73						.83		T.	5.30
Williamstown[2]	Dauphin	T.		.11			.67				.09	.11				.98	.59		89	2.43	.27			.57				1.83		1.36			9.90
Woodward[1], 2 NE	Centre		.23			.11			.11	.27	T.				T.	.01	T.	.16	.40		T.		.67						.90	.02		.26	3.14
York, 3 SW	York	.21	.20	.04		.04	.31				.02					2.69		.95	1.47	2.34			.56				.11		.23	.27			9.44
York Haven[2]	York	.32		1.20			.49				.09	.44				1.25	.61	.32	1.51	.99	.51			.60				.58		.18	.20	.04	9.33
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin		.15			.15				.21	T.					.87		.18	.13	.05			.10			.41	.07	.02	.11	.10	.04	.95	3.54
Gettysburg	Adams	.20	.20	T.		.05	.15			.02						1.19		.32	.80	.54	T.		T.		.01			.88	.03	.32	T.	.02	4.73
Hewitt 2 SW	Bedford		.30			.31				.26	T.				T.	.16			.75		.25		.40				.29	.01	*	.88		2.09	5.70
Hyndman[2]	Bedford			.26			.87				.62					.37	.14		.24					1.65	T.			.14		.51	.11	.10	5.01
McConnellsburg[2]	Fulton					.64	.28				.23					.45	.15		.35	.50								.10		.18	.25	T.	3.13
Mercersburg[2]	Franklin			.10		.36	.27				.13					.22	.29		.37	.13				.02				.01	.10	.18	.15	.14	2.47
South Mt. San't'm[2]	Franklin			.17			.20				.10					.39	.69	.05	.41		.04			.06			.17		.03	.14	.06	.04	2.55
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny		.09	.50												.98	.13			.14			T	.50			T.		.02	.32		.73	3.41
Allens Mills[1, 5]	Jefferson	.01	.21				.16	.05	.03	.09	.02				2.40	.26	.03						.07				.04		1.20		.41	.41	5.39
Blairsville[2], 6 NE	Indiana	.12	.20	.33			.13			T.		.16				.71	.25	.02	.40				.02	.13					.31	.93		T.	3.80
Boswell[2], 6 NW	Somerset		.20	.31			.02					.20				2.22			.29	.21				.76				.27		1.88	.56	.08	7.00
Bradford, 4 W	McKean	.06	.16	.11		.09	.05		.44		.83					1.74	.70		.05				.37				.03		.24	.01	.43	.13	5.44
Brookville[1], 1.5 SW	Jefferson	.01	.38				.13	.07	.06	.20					1.60	.45	.10		.03				.01						.17		.34	.23	3.78
Buckstown[1, 5]	Somerset		.24			.74				.06	.08				.16	.32		.09	.30				.23	.94			.04		.16	.73		1.10	5.19
Clarion[2], 3 SW	Clarion	.83		.22			.01	.01	.06	.07	.05					1.01	.19	.01		.13			.01						.02	.07			2.69
Corry	Erie	.02	.27				.01		*	*		*			*	1.00			.05				.05						.23		.23	.56	2.42
Coudersport	Potter	.26	.48			.16	.07	.24		T.	.18				.16	1.32	.31	.02	.25	.03	.45		.48		.02				.29	.92	.14	.09	5.87
Derry	W'moreland	.10	.52								.06				.37	.52	.07	T.	.17		T.		.32				.32		.25	.21	.35	.07	3 33
Donegal[1]	W'moreland		.44			.11					.30				.62	.08	.01		.04				.63	.04			2.38		.65	1.42		.50	7.22
Dunlo[1, 5], 0.5 SW	Cambria		.35			.11					.06				.06	.34		.04	.33		.20		.39	.30			.14		1.05	.46	.39	.84	5.06
Ebensburg[2]	Cambria		.01	.40			.69			T.	.28	.21				1.28	.26	.02	.12	.60		.60		.33	.06		.02			1.62		T.	6.50
Ford City[2], 4 S	Armstrong	.04	.28	.32							.02					.40	.38		.06					.37			.05		.01	.44			2.37
Franklin[2]	Venango	2.10	.02	.21		.08	.03	.04			.04	.20				.85	.11		.05	.10			.08				.24		.47	.04		.17	4.83
Glen Hazel[2], 1 NE	Elk	.48	.18	.23		.25	.23	.04	.16		.19	.14				1.77	.68			.66			.07	2.20	T.		.01		.37	.84		1.34	9.84
Home[1, 5]	Indiana		.77												.46	.43	.08		.10										*	.88		1.29	§8.96
Indiana	Indiana	T.	.48	.10							.19				.73	.43			.07				.02				.20		.11	.64		.08	§8.05
Johnstown[2], 0.5 W	Cambria	.02	.25	.21			.02					.02				1.58	.23		.18	.04		.19		.21	.22		.05			4.27			7.49
Kane[1], 1 N	McKean	.17	.19			.01	.19	.12	.05	T.	.68			T	2.10	1.45	.02	.03	.47	.55			.02			.02			.59		.17	.20	7.03
Kregar[1], 4.5 SE	W'moreland		.27			.14					.25				.75	.18	.01		T.				1.64		.11		1.25		1.38	93		.28	7.19
Lycippus, 1.5 E	W'moreland		.56			T.	.12			T.	.21				.29	.36	T.		.10		.05		.45	.03			.32		.21	.45	T.	.16	3.31
Marienville[1, 5]	Forest	*	*.28*				.40	.38	.03	.02	.09				1.47	.46	.04	.03					.08						1.38		.20	2.18	§7.04
Meadville[2], 1 S	Crawford	.74	.17	.09						T.	.02	.05				1.48	T.			T.			.11	T.			T.					.86	3.52
Mosgrove[2]	Armstrong		T.	.27			.01	.12		.11		T.				1.16	.31	.11	T.	.04				T.			.47		.07	.39		.22	3.28
Parkers Landing[2]	Armstrong	.04		.37			.05	.04		.11	.08					1.44	.53						.04						.13				2.83
Pittsburgh Cty Of[1, 5]	Allegheny		.36				T.				.06				.62	.23	T.		.01				.08			.10		T.	.40		.18	.52	2.56
Port Allegany[2]	McKean	.06	.26	.19		T	.09		.08		.06	.05				1.85	.78		.10	.01	.83		1.04	.21	.01				.13	.51		.05	6.31
Punxsutawney[2]	Jefferson	.37	.02	.25		T.		.02		.70	.50	T.				1.62	.27			.43			.13	.02					.83	.80		T.	5.96

Continued on page 53.

Daily Precipitation for July 1945 Continued from page 52

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong	.03	.06	.49		.01	.01	.10		.65	T.	.01				1.07	.37	.01	T	T.				.01			.03		.50	.68		.04	4.07
Ridgway[2]	Elk	.33	01	.24		.32	.13	.02	.23	.10	.11					2.33	.48			.30			.06	.03				T.	.70	.84		.40	6.63
Saltsburg[2]	Indiana		T.	.51						T.	T	.14				.29	.30	T.	.06	.02				.08	1.24		.08		T.	.30		.01	3.03
Seward[2]	W'moreland	.11	.09	.24			.30									1.28	.43	.02	.14	.23		.12		.41	.02		.13			1.12			4.64
Sheffield[1, 5], 6 W	Warren	.16	.29				.04		.02	.21	.18				2.44	1.43			.37				.05			.07			.13		.08	1.07	6.54
Smethport[1, 5], 1 SW	McKean																			.24			1.12	.65					.51		.49	.17	§5
Strongstown[1, 5]	Indiana		.77	.02		.30					.47				.64	.14	.05		.17				.11	.35					.80	.12		.02	3.96
Tionesta[2], 1.5 SE	Forest	.46	T.	.10			.26	.03	.03		.09	.10			T.	2.10	.10			.08			.07					.04	.30	.05		T.	3.81
Titusville, 2 S	Crawford	.56	.24	.02			.07	.04	.11	.04	.20				.24	1.30	.06	T	T.	T.			.04						.14				3.06
Union City[1, 5]	Erie		.18	.01						.03					1.06	.05			.32				.17						.16			.62	2.60
Vandergrift[1]	W'moreland	T.	.43								.07				.20	.28	.05		.06				T.			.38			.33	.07	.88	.74	3.49
Warren[2]	Warren	12	.20	.22					.12		.22	.50				1.96	69						.19							.01		.52	4.75
Youngsville[1, 5]	Warren	.01	.18					.09		.07	.16				*	2.62							.02			.11					.55	1.01	§4.72
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset		T.	.37			.47			T.	.15					.87	.21		.12	T	.12		T.	.21				.41		1.19	.19	.08	4.39
Connellsville[2]	Fayette		.06	.50			.06	.06				.19				.28				.19			T.	.25			.04	.74		.92	.07	1.04	4.40
Donora[1]	Washington		1.12								.09				.13	.02	.11		.05				.29			.04	.07		.20	.59		.30	2.90
Greensboro[2]	Greene		.52	.49			.31	.13			.06					.61	.14	.01	.22		.40		.46	.02	.05			.55			.46	.14	.05	4.16
Greensburg, 2 S	W'moreland	T.	.74								.06				.01	.14	T.		.05				.46	.03			.02	.05	.12	.34			.07	2.09
Irwin	W'moreland	.02	.52							T.	.14				.03	.12	.02		.47		T.		.26	.31			.02		.11	.53			.28	2.83
Meyersdale[2]	Somerset			.24			.40				.32					.58	.08		.16	.16		.01		.10	1.44					.56	.13			4.18
Murrysville // [1, 5]	W'moreland		1.00												.09	.23	.03		.08		.37								.15	.05		.51	2.51
Newell[7]	Fayette		.20	.20							.05					.10	.08		.08				.04	.30				.60	.05	.45	.10			2.25
Pittsburgh Arpt // [1, 5]	Allegheny	.01	1.00							T.	.13				.40	.06	.04		.06				.09			T.		T.	.16	.40	.10	.29	2.74
Rices Landing[2]	Greene	.01	.38	.33				.07								.11		.02	.21				T.	.01				.48	.02	.50	2.29			4.43
Somerset	Somerset		.36			.18					.17				T.	.62			.16		.04		.11	.35	.03		.49		.18	.31	.49	.07	3.56
Springs[6], 1 SW	Somerset		.51		.02	1.60				.07	.53				.23	.61	.01	.01	.32		.86		T.	.18	T.	.21			2.00	.23	.04	.03	7.46
Uniontown	Fayette		1.18			.20					.11				.09	.14	.03	.01	.26				.44	.03			.89	.02	.40	.80	.64	T.	5.24
Waynesburg	Greene		.97					.06								.22	.03		.14							.09		.09	.46	1.00			3.06
BEAVER																																	
Beaver Falls[2]	Beaver	.10	T.	.28							T.	T.				.67	.18		T.	T.							.75			.16			2.14
Butler	Butler		.38	.03			T.			.01	T				.06	.64				.26						1.15				.15	.18	2.86
Farrell[2]	Mercer	.12	.09	.08				T.		.02						1.03	.03													.20		.05	1.62
Greenville	Mercer	.84	.40				.07	.01	.05	.02	.10				.30	.69	.14							.08		.05			T.		.12	.12	3.00
Jamestown[2], 2 NW	Mercer	.45	.26	.34				.01		.01	.06	.01				1.35	.03						.10	.26	.01		1.45			.10		.19	4.63
Mercer Arpt.[1], 2.5 NE	Mercer	.04	.22			T.	.04		.02	T.	.15				.49	.26	.11		.08				.04	T.					.05		T.	.12	1.62
New Castle, 1.5 N	Lawrence	.05	.28	T.					.04	T.					.20	1.96	T.									1.10	T.				.05	.11	3.79
Pennline, [2] 1 S	Crawford	.68	.15	.02					.03	T.	.12					2.45	.06			.05			.06	.03						T.			3.65
OHIO																																	
Claysville[2]	Washington	.06	.12	.68												.13	.11							.32				.34	.27	.99			3.02
Coraopolis[2], 1 E	Allegheny	.05	.06	.41							.02					.53	.24			.03			.02	.42			.79			.42			2.99
Midland[2]	Beaver	.14	.02	.30							.23	.02				1.30	.03			.07			.01	.55						.43		.01	3.11
Mt. Lebanon[6]	Allegheny	.03	.42							T.	.20				.43	.25	.06		.02				.77	.04		.24	T.		.25	.06	1.00	.50	4.27
Washington[1, 5]	Washington		.78				.04	.01							.08	.05	.02						.06			.45	.04	.11	.30	.67	.82	.22	3.65
LAKE DRAINAGE																																	
Albion[2]	Erie	T.	*	.12			.01				.02					1.57	.04			.28			.09										2.13
Erie[1, 5]	Erie		.21			.03		T.	.03	.27	.33			.06	1.57	.06			T.	T.			.06						.06	.01	T.	T.	2.69
Raymond[1, 5]	Potter		.21					.11		.11				.02	1.22	.17	.03	.06	.14	.85						1.25			.08	1.13		.26	§5.64

[See page 56 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Hawley[2], 1 S.	Evaporation	.247	.282	.096	.193	.221	.090	.159	.259	.179	.118	.160	.226	.241	*.385*	.164	.157	.102	*.105*	.367	.074	.136	.304	*.040*	.053	.168	.132	.140	.190	.026	.079	.143	4.176
	Wind movement	30	62	26	42	97	91	47	84	68	113	95	65	134	56	100	76	31	11	4	26	43	42	17	22	51	15	65	29	12	15	23	1592
Jamestown[2] .2 NW	Evaporation	.236	.190	.362	.114	.294	.256	.250	.204	.142	.175	.231	.237	.245	.172	.030	.146	.248	.082	.192	.190	.230	.174	.136	.142	.200	.308	.212	.210	.058	.154	.152	5.972
	Wind movement	30	32	20	14	32	45	14	34	15	47	34	42	23	37	15	39	43	29	25	21	21	18	10	6	26	20	27	17	12	17	27	792
Neffs Mills[2], 3.5 NE.	Evaporation	.328	.270	.080	.254	.128	*	*.256*	.328	.204	.244	.222	.238	.206	.182	.046	.212	.108	.006	.106	.148	.118	.236	.066	.086	.148	.132	.238	.118	.092	.090	.138	4.516
	Wind movement	9	18	19	8	20	*	29	12	15	5	33	39	4	33	23	13	16	1	1	10	2	2	1	4	1	1	19	21	2	1	6	368

Italics mean minus quantity. [See page 56 for explanation of other references.]

Daily Temperatures for July 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	84	75	73	83	87	80	81	83	85	75	67	80	84	72	76	74	77	78	83	86	91	84	82	87	91	86	84	80	79	87	82	81.2
	Minimum	69	59	*50*	*49*	55	63	54	57	*61*	*62*	47	45	*50*	61	59	55	48	60	60	*56*	56	66	65	63	65	63	56	*63*	57	61	68	§58.2
Allentown Arpt.[1-4 NE	Maximum	95	89	80	83	80	87	86	87	86	86	74	79	82	79	74	80	75	80	81	89	90	80	81	87	81	92	79	72	87	83	70	82.4
	Minimum	71	64	58	53	63	65	59	58	63	61	55	48	59	64	67	63	64	67	67	69	65	67	67	68	68	70	66	65	66	66	65	63.6
Allentown /.	Maximum	95	88	78	83	81	86	84	87	86	85	73	78	83	80	75	79	76	80	80	86	88	81	82	83	81	92	78	72	85	81	71	81.8
	Minimum	71	74	60	52	58	67	59	59	63	65	56	49	53	63	66	63	64	65	68	69	66	67	68	68	69	70	68	65	66	69	65	64.0
Altoona-4.5 W	Maximum	90	85	75	81	80	82	81	85	80	80	75	76	82	81	78	70	71	76	83	80	87	83	82	85	91	92	85	77	78	80	79	81.0
	Minimum	67	59	54	48	61	60	53	57	56	63	45	41	52	58	63	57	53	63	60	65	66	64	62	63	63	66	65	67	65	63	68	59.6
Arendtsville[6]	Maximum	96	89	82	84	80	87	85	89	84	87	77	81	84	84	77	76	70	79	85	88	91	83	81	83	88	93	76	72	82	78	82	83.0
	Minimum	69	65	55	52	62	63	60	60	60	64	58	45	53	59	67	56	63	63	67	70	68	64	63	70	67	70	70	66	68	69	68	63.0
Berwick/	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bethlehem[1]	Maximum	96	90	77	81	76	86	83	87	90	84	73	77	84	78	71	80	73	78	78	87	88	79	78	82	80	91	76	69	84	80	68	80.8
	Minimum	72	64	59	54	64	67	60	61	64	62	56	49	58	68	63	63	64	66	68	69	67	66	67	67	68	70	67	64	66	66	64	64.0
Bradford-4 W	Maximum	85	86	72	80	84	84	78	80	82	69	67	75	80	82	71	72	73	76	82	83	84	84	83	85	86	86	81	79	80	79	84	79.7
	Minimum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	§§
Brookville[1]	Maximum	87	69	74	82	83	81	79	82	86	73	67	79	85	79	74	75	71	80	86	87	87	82	83	90	86	88	85	74	83	86	84	80.9
	Minimum	66	57	50	47	62	59	54	55	56	52	43	37	49	59	60	53	47	63	56	60	58	67	63	60	62	60	60	68	64	61	65	57.2
Burnt Cabins[1-2 NE	Maximum	96	80	79	83	80	88	86	92	86	88	74	78	86	85	83	76	71	81	86	90	92	84	85	86	94	98	82	70	84	85	86	84.3
	Minimum	67	59	53	48	64	60	56	56	59	60	49	41	56	62	63	55	56	64	66	64	64	64	65	67	68	69	68	68	69	68	64	61.0
Butler	Maximum	90	86	71	87	86	87	84	87	87	90	79	79	88	89	80	80	77	80	82	87	91	91	93	89	91	94	91	89	88	87	87	86.0
	Minimum	62	62	52	50	49	68	58	58	58	67	46	38	40	42	59	58	51	63	57	61	60	63	66	64	62	65	64	70	65	63	65	58.3
Canton /-1 NW	Maximum	88	70	74	77	81	81	80	82	80	79	68	74	78	76	80	68	*64*	72	*78*	*82*	80	79	84	83	86	82	84	79	80	82	78	§78.4
	Minimum	68	63	53	51	58	65	55	53	57	68	43	43	47	60	64	55	*53*	*55*	*61*	*60*	*61*	64	63	65	66	66	57	63	62	59	63	§58.6
Carlisle	Maximum	96	92	80	82	80	87	85	89	87	80	88	81	84	85	78	78	73	80	85	88	88	84	82	83	87	92	81	73	80	80	79	83.5
	Minimum	67	64	57	49	62	66	57	60	61	55	66	45	60	60	68	57	61	65	65	65	65	65	67	70	67	70	67	67	68	67	68	62.9
Chambersburg[6-1 SW	Maximum	97	87	83	85	79	89	87	91	87	89	78	81	87	88	80	78	73	81	86	89	92	84	84	88	92	96	76	72	82	85	86	84.9
	Minimum	68	63	55	52	62	67	59	57	61	64	55	44	55	59	63	57	60	65	67	65	66	66	67	69	66	70	69	68	68	66	65	62.5
Clarion[6-3 SW	Maximum	88	75	76	85	86	82	81	84	87	88	83	83	86	81	78	78	76	84	85	88	89	92	84	84	87	91	86	89	86	77	86	88	83	83.9
	Minimum	65	59	51	49	59	63	53	53	62	62	41	40	48	58	62	56	48	59	56	60	66	65	65	61	63	61	59	65	64	62	64	58.0
Claysville /.	Maximum	86	70	75	83	82	83	80	85	88	78	72	80	86	79	77	69	73	80	88	88	92	86	86	91	89	91	86	75	82	87	86	82.4
	Minimum	68	61	47	49	63	66	51	54	57	63	44	42	48	55	63	55	52	57	56	56	56	57	60	58	59	64	63	66	66	64	65	57.6
Coalport /.	Maximum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	§§
	Minimum	66	67	55	45	45	62	54	55	50	56	50	38	37	52	59	55	50	50	59	60	60	62	65	60	62	62	62	61	65	64	63	56.5
Coatesville[6]	Maximum	98	94	80	86	87	87	86	90	90	89	74	81	85	83	78	82	77	79	82	91	89	89	87	88	85	95	81	76	85	78	72	84.6
	Minimum	80	66	64	54	67	68	65	70	62	66	59	48	59	63	68	63	63	67	70	71	71	70	69	68	68	70	67	65	68	70	66	66.0
Columbia	Maximum	98	90	82	85	88	87	88	91	88	92	80	79	85	83	76	78	74	79	83	90	92	86	86	87	88	95	84	78	82	80	75	84.8
	Minimum	70	68	60	54	66	69	62	59	62	68	58	48	59	61	68	62	63	65	66	67	62	67	68	69	68	71	68	67	69	68	68	64.5
Corry	Maximum	88	78	72	81	85	82	79	*81*	*84*	78	*66*	*78*	*80*	*76*	*72*	*73*	*75*	80	83	85	87	83	86	89	90	85	84	77	80	87	81	§80.8
	Minimum	66	59	44	42	52	63	47	*55*	*60*	*58*	*45*	*40*	*50*	*61*	*61*	*55*	*48*	58	57	55	54	65	61	61	59	64	52	65	60	57	62	§56.0
Coudersport.	Maximum	88	79	72	80	83	83	79	80	82	79	70	75	82	80	75	73	73	82	82	85	88	83	83	85	87	85	82	79	82	81	79	80.0
	Minimum	63	58	49	44	44	57	49	48	51	61	38	33	45	52	60	52	47	59	57	61	52	61	61	60	61	62	52	57	59	55	60	53.8
Curwensville[1-6 NW	Maximum	83	68	71	77	79	77	75	80	80	71	65	74	79	79	72	70	68	76	78	81	82	77	78	84	84	84	80	70	77	80	80	76.7
	Minimum	64	54	51	49	61	55	50	56	56	47	42	40	52	58	55	54	53	59	59	62	63	63	61	61	64	62	62	62	61	62	63	56.8
Derry	Maximum	88	84	75	87	85	83	82	86	91	90	73	84	90	85	77	72	72	80	90	86	91	86	85	90	91	89	87	82	78	84	84	84.1
	Minimum	69	61	55	51	68	69	55	62	60	63	49	41	59	70	66	57	53	63	61	62	60	70	65	62	66	67	65	67	67	64	70	61.8
Donegal[1]	Maximum	85	71	74	84	78	80	78	82	87	77	68	78	84	91	76	68	72	78	86	86	89	82	88	86	87	86	83	76	78	86	83	80.9
	Minimum	66	57	51	49	58	62	50	54	54	52	47	36	52	58	60	53	49	58	54	57	55	61	59	65	63	63	64	67	63	59	61	56.7
Donora[1]	Maximum	90	73	77	88	82	88	84	88	93	82	74	84	90	86	81	73	78	80	92	92	92	88	90	93	91	94	90	79	82	91	89	85.6
	Minimum	72	63	55	57	69	70	59	64	64	61	53	49	59	69	68	59	60	65	61	66	64	70	66	66	69	71	69	70	69	69	71	64.4
Eagles Mere /.	Maximum	85	75	75	76	77	80	81	80	82	77	74	77	79	74	75	64	65	74	80	84	84	78	79	79	80	85	80	84	75	73	74	77.6
	Minimum	67	65	53	53	55	62	55	55	55	62	44	44	46	56	60	55	54	56	63	62	63	63	62	62	64	66	59	59	61	61	60	58.1
East Waterford[6-3 E	Maximum	87	79	74	75	71	79	76	82	76	77	69	74	77	75	72	68	64	71	75	80	85	77	74	76	80	86	74	68	77	75	73	75.7
	Minimum	72	59	55	59	63	64	60	63	63	64	49	52	57	62	61	55	56	60	62	65	65	65	62	66	67	65	63	61	64	65	64	61.5
Ebensburg /.	Maximum	85	63	70	78	78	76	75	80	85	74	65	76	82	80	79	70	65	78	81	80	85	79	80	85	86	84	79	74	78	82	80	77.8
	Minimum	65	63	53	47	61	62	50	53	55	56	45	38	43	60	61	54	51	51	58	61	58	60	59	59	65	64	61	63	64	61	62	56.9
Emporium /-1 E.	Maximum	92	70	77	83	85	83	82	85	86	79	76	81	75	86	77	76	71	82	84	88	90	81	85	87	88	85	84	71	86	85	84	82.1
	Minimum	67	66	51	49	59	61	55	55	57	58	41	41	50	57	65	58	47	48	60	65	57	58	63	64	65	66	55	62	64	62	64	57.7
Ephrata	Maximum	97	95	80	83	86	87	86	89	87	88	84	80	84	81	73	76	75	77	80	88	90	88	85	83	84	94	81	75	82	80	77	83.7
	Minimum	73	70	60	55	67	68	63	60	63	66	58	48	58	65	69	62	64	67	66	70	68	67	68	69	69	74	67	67	69	69	67	65.4
Erie[1]	Maximum	79	73	71	80	84	77	78	80	85	74	66	78	79	75	71	73	75	76	80	84	86	81	81	84	90	80	77	80	75	82	85	78.7
	Minimum	71	61	59	58	64	63	62	64	67	57	53	54	67	64	60	59	56	65	65	68	69	70	78	74	70	67	69	69	66	72	64	64.7
Everett[1-0.5 SW	Maximum	94	78	78	83	82	85	83	90	85	86	73	76	83	85	82	77	68	79	84	84	90	82	85	88	91	94	83	73	83	85	84	83.0
	Minimum	69	58	52	49	61	60	56	54	57	54	47	41	53	58	59	56	54	62	63	65	65	65	66	65	65	67	68	68	68	65	65	59.8
Farrell	Maximum	94	89	80	90	92	92	85	88	92	91	78	86	94	92	76	77	84	83	88	91	96	94	89	93	97	92	92	91	88	89	87	88.7
	Minimum	72	66	55	54	63	69	57	65	68	72	51	47	55	66	64	61	56	66	63	63	64	72	69	68	69	72	68	72	67	65	71	64.2
Ford City /-4 S	Maximum	88	70	75	84	84	82	82	86	90	78	71	81	86	81	79	76	74	81	85	88	94	83	86	90	91	89	85	78	83	85	82	82.8
	Minimum	68	63	53	50	55	66	53	58	58	60	46	40	46	55	65	58	52	56	59	59	61	63	63	61	63	64	63	69	65	63	65	58.7
Franklin /.	Maximum	87	75	75	82	84	81	79	83	85	72	69	79	85	77	75	77	79	80	86	89	88	86	88	90	89	89	85	75	86	85	*84*	§82.1
	Minimum	67	63	52	50	52	61	51	52	57	61	45	41	43	49	60	58	50	51	60	60	59	60	66	66	64	64	63	64	64	63	63	57.4
Fredericksville-1 S.	Maximum	90	88	76	80	81	83	82	84	83	83	72	76	79	76	71	75	73	72	78	84	86	82	82	81	78	89	74	69	82	78	73	79.4
	Minimum	67	64	56	48	57	66	54	52	56	61	50	42	50	55	67	60	60	66	65	68	64	62	65	66	63	67	65	63	65	65	63	60.4
Freeland	Maximum	87	82	72	76	75	70	78	80	80	79	73	72	75	73	69	68	65	71	75	80	83	80	77	78	78	85	78	70	79	78	69	76.0
	Minimum	67	60	55	66	61	58	57	59	62	62	46	48	56	57	64	57	56	63	60	64	61	65	62	63	65	69	63	59	62	62	60	60.3
George School[6]	Maximum	96	91	79	83	84	85	85	87	86	87	74	78	83	81	79	80	76	80	80	85	88	86	81	80	83	90	76	74	81	78	73	82.2
	Minimum	74	67	61	55	63	69	62	59	63	66	57	48	56	63	69	66	67	68	69	70	69	67	67	66	65	70	69	67	66	69	66	64.9
Gettysburg	Maximum	95	93	80	82	80	87	85	88	85	88	84	77	81	82	76	76	74	77	79	84	86	87	79	81	86	90	86	73	76	78	81	82 5
	Minimum	71	66	60	55	61	68	64	61	63	67	60	48	59	62	69	61	62	65	67	70	69	67	69	72	70	75	69	69	69	69	70	65.4
Gordon	Maximum	92	91	75	81	78	84	82	88	84	82	82	78	78	80	75	73	71	75	77	86	86	84	82	82	83	89	89	74	82	81	79	81.4
	Minimum	68	67	52	46	61	66	56	62	59	62	48	40	53	52	68	66	66	64	63	69	60	66	63	67	65	70	65	63	65	61	63	61.2
Greensburg-2 S	Maximum	90	85	76	84	83	82	81	85	89	87	75	81	87	85	79	72	76	79	89	87	91	87	86	89	90	90	86	81	86	86	86	84.2
	Minimum	66	61	48	47	59	65	50	52	55	68	46	37	48	56	66	58	50	62	54	57	58	65	61	59	74	62	63	68	67	61	64	58.3
Hanover /.	Maximum	96	88	78	82	82	87	87	88	84	87	79	78	83	81	76	77	71	79	81	88	90	90	81	84	88	93	78	76	79	79	82	83.0
	Minimum	73	74	60	57	61	68	66	63	66	67	60	51	58	65	67	61	63	63	65	69	70	71	69	71	69	73	68	68	69	70	70	66.0
Harrisburg Arpt. [1-3.5 S.	Maximum	97	85	79	85	83	87	86	90	87	88	75	80	83	84	78	75	72	80	83	91	90	85	85	84	89	96	78	72	81	80	73	83.3
	Minimum	71	63	59	55	69	67	62	63	66	64	56	49	59	65	66	61	63	67	67	68	67	68	68	70	71	72	69	67	69	70	68	65.1
Hawley-0.5 E	Maximum	93	79	75	81	79	83	84	85	83	82	72	78	81	81	72	74	68	79	80	85	88	75	74	85	86	85	81	68	83	85	72	79.9
	Minimum	64	62	52	47	53	62	52	54	58	62	48	40	54	54	66	60	56	65	64	64	60	62	65	65	62	64	59	59	62	63	60	58.6
Hewitt-2 SW.	Maximum	92	80	87	85	81	85	82	88	87	85	75	76	85	86	82	80	70	79	80	86	89	85	82	87	91	91	80	75	82	85	84	83.3
	Minimum	66	65	47	46	60	63	54	49	55	61	49	38	51	57	55	55	53	54	50	61	62	61	62	53	55	55	57	59	56	55	64	55.7
Holtwood[1]	Maximum	95	90	82	84	82	86	84	90	84	90	75	79	83	80	75	78	75	75	79	87	86	84	84	84	84	93	84	79	82	77	75	82.7
	Minimum	79	70	64	61	72	72	70	68	68	71	60	55	64	68	70	66	66	68	70	72	72	70	68	72	72	72	70	71	73	72	72	69.0
Huntingdon	Maximum	93	73	79	83	81	85	83	89	83	83	78	78	84	86	81	78	72	83	89	88	91	81	81	88	92	95	84	76	84	85	85	83.6
	Minimum	66	63	54	50	64	62	54	53	57	64	54	42	55	57	65	58	54	64	63	68	65	65	**64**	64	65	67	64	68	65	69	67	61.0

Continued on page 55.

Daily Temperatures for July 1945—Continued from page 54.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum																																
	Minimum																																
Irwin	Maximum	91	85	76	81	85	84	84	86	90	90	78	82	87	87	82	78	75	80	89	88	93	87	87	89	90	91	88	90	82	84	86	85.4
	Minimum	68	60	54	51	65	68	54	57	60	67	49	43	54	64	60	58	54	63	57	62	61	69	63	61	68	67	64	70	66	64	68	60.9
Jamestown/-2 NW	Maximum	85	73	72	81	84	80	80	83	86	79	70	80	84	74	75	72	80	78	84	85	89	82	84	89	92	85	85	80	80	85	79	81.1
	Minimum	66	60	50	50	56	63	51	55	61	64	44	44	53	62	63	57	48	59	56	55	55	65	63	63	65	65	64	67	60	59	65	58.3
Johnstown/	Maximum	93	72	78	85	84	85	83	87	93	75	75	80	88	86	77	74	73	79	87	88	91	83	85	90	92	92	86	81	83	86	84	83.7
	Minimum	71	68	60	55	65	67	57	59	60	69	54	48	57	62	61	59	56	59	63	64	66	67	64	64	66	68	69	70	68	67	69	63.0
Kane[1]-1 N	Maximum	85	71	74	81	83	78	77	82	82	70	65	78	83	80	74	72	72	75	84	84	85	80	84	79	85	82	81	69	81	82	81	78.7
	Minimum	63	55	44	40	54	58	49	47	51	47	36	33	46	55	58	45	39	55	53	55	50	61	61	56	57	55	50	56	61	54	60	51.7
Lancaster	Maximum	95	94	81	80	83	84	86	87	84	88	80	78	82	81	78	75	75	76	78	87	89	89	85	82	83	91	89	86	81	78	78	83.3
	Minimum	70	71	58	58	64	67	60	57	60	63	53	46	56	59	67	61	61	64	64	65	65	65	66	67	64	69	67	66	66	66	67	63.0
Lawrenceville	Maximum	94	87	75	82	86	83	84	85	85	79	70	79	85	84	81	76	74	80	87	83	88	86	85	87	88	83	84	78	83	85	80	82.6
	Minimum	68	62	55	55	60	65	53	55	57	65	45	42	55	60	68	57	54	62	61	67	60	65	65	67	66	67	58	61	65	60	66	60.2
Lebanon 1	Maximum	96	87	79	84	81	87	85	88	87	87	76	80	89	82	75	78	73	77	82	89	90	86	89	85	86	94	78	72	84	83	73	83.3
	Minimum	70	74	59	55	61	69	60	60	60	66	58	49	57	65	66	61	63	65	67	69	66	69	67	67	68	72	67	66	66	70	67	64.5
Lewistown/-2 SW	Maximum	98	91	79	83	78	86	84	82	89	83	75	80	85	84	84	78	70	80	87	88	90	78	80	85	90	95	82	90	72	84	84	83.5§
	Minimum	71	64	57	52	53	65	57	56	55	57	52	45	45	60	61	66	56	57	66	68	67	66	65	62	65	67	65	66	66	67	68	60.5§
Lock Haven[6]	Maximum	93	85	81	86	86	87	84	87	86	83	78	82	86	85	83	77	69	85	90	87	90	82	84	87	92	90	87	80	86	85	83	84.7
	Minimum	67	64	55	52	63	63	56	57	60	64	48	50	51	59	67	57	55	65	64	67	63	66	64	69	67	68	65	65	66	64	70	61.6
Marcus Hook[1]	Maximum	103	99	83	90	90	92	89	93	94	95	78	86	90	90	83	86	78	84	85	92	79	80	78	80	88	95	79	79	86	76	74	86.3
	Minimum	79	69	65	63	70	75	70	70	71	71	63	57	62	67	72	70	68	70	72	71	73	70	72	70	71	70	70	68	73	69	66	69.3
Martinsburg[1]	Maximum	87	74	74	78	77	78	78	83	79	79	68	75	79	81	76	72	65	75	82	83	87	79	79	84	90	87	79	72	78	82	79	78.7
	Minimum	70	60	57	52	64	63	56	61	60	66	51	44	58	61	65	58	55	62	64	66	64	64	64	66	70	68	65	67	67	64	65	61.8
Mauch Chunk-1 SW	Maximum	92	90	75	81	76	82	82	83	85	85	80	75	79	80	73	75	73	73	79	84	86	75	79	81	81	89	88	76	80	79	79	80.5§
	Minimum	67	65	54	44	62	58	52	58	53	79	52	39	69	69	68	59	58	66	64	66	60	66	61	67	72	69	65	61	65	61	65	61.7§
Meadville/-1 S	Maximum	85	72	75	82	85	80	80	84	85	71	69	79	85	73	75	73	79	79	84	86	90	85	85	89	91	86	86	79	82	84	81	81.3
	Minimum	65	66	48	46	54	63	51	54	58	65	40	40	50	57	62	57	47	58	57	54	54	62	64	63	61	64	59	66	61	60	65	56.9
Mercer[1]-2.5 NE	Maximum	84	70	72	81	84	78	79	82	85	70	65	78	83	74	75	73	78	80	84	86	88	83	85	88	90	87	86	77	85	85	83	80.6
	Minimum	66	56	48	49	57	55	51	55	61	54	44	43	51	61	59	55	52	60	58	58	59	65	60	62	64	62	64	65	59	63	63	57.4
Middletown[1]-1.5 W	Maximum	95	86	77	84	79	86	84	88	84	88	75	79	82	82	75	72	78	80	87	89	84	82	84	86	93	78	72	81	80	78	81	81.9
	Minimum	69	65	60	56	68	68	60	58	66	68	54	48	58	64	66	60	62	65	65	67	66	67	68	69	69	68	68	66	69	68	67	64.3
Midland[6]	Maximum	88	74	75	84	86	84	82	87	91	75	73	81	87	76	74	76	80	82	87	90	91	86	85	88	92	88	88	77	84	86	87	83.4
	Minimum	68	60	55	57	65	67	57	61	65	61	50	47	53	62	62	60	55	64	62	64	62	64	63	65	65	67	67	68	66	66	65	61.6
Montrose/-3 E	Maximum	87	70	71	76	76	78	78	80	81	78	65	73	76	77	72	64	72	74	80	82	85	75	78	80	77	81	84	65	77	82	78	76.4
	Minimum	66	66	54	54	54	63	57	57	59	62	43	45	52	57	60	55	53	56	61	62	58	62	62	63	65	66	55	59	60	60	61	58.3
Mt. Lebanon[6]	Maximum	89	75	75	86	85	84	83	88	89	80	74	82	87	84	80	72	75	78	88	90	89	85	86	89	92	90	85	77	82	84	87	83.5
	Minimum	68	60	62	57	65	67	63	63	64	60	49	46	63	68	61	58	62	64	63	63	63	64	63	65	67	68	68	63	66	66	68	62.8
Mt. Pocono[1]-2 N	Maximum	87	78	69	74	73	78	76	79	79	77	62	70	75	74	68	71	66	75	74	78	83	71	71	79	78	83	76	63	79	77	63	74.4
	Minimum	61	54	49	44	57	57	50	54	60	61	43	41	49	61	60	58	58	64	62	63	59	61	63	63	66	65	61	61	61	62	60	57.7
New Bloomfield	Maximum	96	83	80	85	80	89	87	92	87	88	76	81	85	83	78	77	75	80	83	87	88	86	87	84	87	93	79	77	82	83	78	83.7
	Minimum	69	64	54	47	61	63	55	53	59	65	50	40	57	56	68	54	57	64	65	65	62	62	61	64	66	67	63	64	67	65	65	60.4
Newburg[1]-3.5 NW	Maximum	96	84	82	84	84	88	86	90	88	88	76	80	86	84	82	78	72	83	85	91	94	85	84	94	94	96	82	70	82	82	84	85.0
	Minimum	70	62	60	54	52	64	60	56	62	66	54	46	56	58	62	57	57	64	66	67	66	66	64	70	70	68	68	66	68	68	66	62.4
New Castle-1.5 N	Maximum	94	86	77	85	87	86	85	83	89	89	74	83	87	88	75	79	80	82	86	91	92	89	91	93	92	89	88	78	84	89	86	85.8
	Minimum	68	61	52	50	60	65	58	55	61	68	43	41	50	60	67	59	52	60	61	60	60	63	63	63	64	66	64	70	63	64	66	59.9
Palmerton[1]	Maximum	94	83	76	80	78	86	83	86	84	84	74	77	83	71	77	73	75	73	81	78	85	88	75	79	81	79	90	77	69	83	79	79.9
	Minimum	71	62	54	50	63	61	57	58	63	57	51	46	57	61	67	61	61	43	67	70	65	66	68	69	71	70	68	65	66	68	65	62.0
Park Place[1]-1 NW	Maximum	88	79	68	75	71	78	75	80	76	75	67	69	73	70	67	69	66	69	74	77	81	70	76	76	76	86	73	64	77	76	64	73.7
	Minimum	72	58	58	58	61	61	48	66	63	53	49	51	55	58	60	57	60	61	62	66	64	64	64	64	66	71	61	61	64	62	61	60.6
Philadelphia Arpt [1]	Maximum	97	91	80	84	84	85	84	87	87	87	72	79	84	82	78	80	78	81	80	86	89	87	82	82	82	89	75	74	81	77	72	82.5
	Minimum	74	67	61	56	64	72	62	60	64	66	54	50	56	62	70	68	68	70	72	70	69	69	68	65	70	69	68	70	68	68	65	65.8
Philadelphia C.O.[1]	Maximum	98	92	82	83	85	85	86	87	87	87	75	79	82	81	78	80	76	81	80	87	93	85	84	82	83	91	78	77	80	76	72	83.0
	Minimum	80	68	65	67	67	72	70	68	69	67	63	62	67	70	69	69	69	69	72	70	73	69	70	70	70	71	69	68	72	69	68	68.9
Phila. Shawmont	Maximum	96	95	82	85	84	86	86	88	87	88	87	79	93	83	71	90	80	90	80	84	90	85	84	80	83	82	91	76	80	77	76	84.5
	Minimum	74	70	64	55	63	69	62	60	64	66	58	50	57	65	65	66	66	69	71	69	67	74	70	69	66	60	68	67	70	69	68	65.5
Philipsburg[1]-7 E	Maximum	85	70	73	76	78	78	75	79	77	75	67	73	78	77	75	69	66	75	80	79	84	79	77	81	85	85	79	68	80	78	78	76.7
	Minimum	62	57	47	43	63	52	44	49	54	44	38	32	58	62	57	50	46	61	62	60	53	63	62	62	66	66	63	62	63	62	60	55.4
Phoenixville-1.5 SE	Maximum	98	90	82	82	83	88	88	92	90	91	89	92	89	84	83	84	85	84	85	90	90	87	85	84	84	94	93	76	90	85	84	87.1
	Minimum	73	68	60	51	62	69	61	56	74	73	70	45	65	62	70	64	65	69	71	69	68	66	68	69	68	71	67	68	70	67	66	66.0
Pittsburgh Arpt Sta.[1]	Maximum	87	74	76	85	83	83	81	85	90	78	73	82	88	81	78	71	74	77	88	88	89	86	88	86	91	89	85	77	81	87	86	82.8
	Minimum	69	60	55	57	67	66	60	64	65	62	52	53	60	66	59	57	58	62	64	67	67	67	65	67	69	69	68	67	66	67	68	63.3
Pittsburgh City Office[1]	Maximum	89	76	75	86	84	84	84	88	91	80	74	84	88	84	80	74	76	77	88	90	91	88	88	88	92	91	87	80	85	88	89	84.5
	Minimum	73	63	59	59	70	69	63	67	67	63	55	52	60	69	61	60	60	66	64	68	68	71	69	68	70	72	70	68	68	69	72	65.6
Port Clinton/	Maximum	94	86	87	80	77	85	84	82	84	83	72	75	80	72	72	78	72	75	78	85	91	81	88	81	82	91	71	72	85	79	70	80.4
	Minimum	67	69	57	48	58	65	55	58	58	64	54	42	45	58	65	60	58	62	65	68	65	62	66	63	67	70	65	65	65	65	65	61.1
Putneyville-2.5 SE	Maximum	90	86	75	81	83	80	80	84	85	82	69	79	85	80	75	75	73	79	85	87	88	80	82	89	86	88	85	80	84	85	79	81.9
	Minimum	67	59	52	49	62	65	52	57	58	65	43	40	52	60	59	56	49	60	57	62	58	66	62	60	64	61	61	62	63	62	66	58.4
Quakertown-0.5 E	Maximum	93	90	87	80	80	83	83	85	85	87	74	77	80	79	75	79	75	80	77	86	85	82	82	81	83	93	79	74	83	80	76	81.7
	Minimum	81	76	70	54	65	65	63	65	76	63	53	51	52	72	68	61	62	67	67	69	72	67	65	65	66	69	65	63	67	63	64	65.4
Reading[1]	Maximum	96	89	81	83	86	87	86	88	87	89	76	78	82	80	74	77	75	76	79	89	91	85	84	84	82	93	76	72	84	81	71	82.6
	Minimum	71	67	62	56	68	71	64	63	66	68	58	51	62	65	69	66	64	69	69	71	70	68	70	69	68	71	71	69	67	69	69	66.5
Ridgway/	Maximum	88	71	77	84	85	83	81	83	87	75	71	81	86	83	76	76	72	80	86	89	89	83	87	88	90	86	85	71	86	86	86	82.3
	Minimum	64	63	47	45	48	59	52	49	51	54	46	38	38	48	58	56	45	62	54	55	55	55	63	58	59	60	55	59	61	57	59	54.0
Scranton[1]	Maximum	93	80	73	81	82	84	77	85	86	80	69	78	83	84	75	71	72	78	82	84	86	77	80	85	82	85	84	70	82	85	75	80.3
	Minimum	67	62	58	52	62	63	57	59	62	59	52	45	60	61	66	61	59	68	65	68	63	68	70	69	71	69	65	63	66	66	65	62.6
Selinsgrove	Maximum	92	90	77	81	79	85	84	86	82	83	82	80	80	80	77	74	73	78	82	85	88	80	83	84	84	91	85	79	82	85	80	82.3
	Minimum	68	65	56	51	66	62	57	56	61	65	49	42	60	59	61	56	57	64	66	68	63	64	65	68	67	66	60	65	67	64	65	61.4
Somerset	Maximum	87	81	73	81	78	80	77	82	87	82	72	76	83	83	76	71	70	77	83	84	86	82	85	85	85	84	80	75	79	86	81	80.5
	Minimum	66	60	52	39	55	62	48	53	61	47	36	50	56	62	54	48	60	54	57	56	62	58	56	57	63	64	68	66	60	63	56	56.2
Springs[6]-1 SW	Maximum	8	75	72	76	75	77	74	79	83	75	66	73	80	81	70	64	68	75	79	82	83	79	80	80	83	78	84	77	78	78	81	80	76.9
	Minimum	63	58	52	47	56	59	48	49	53	52	47	39	50	50	59	52	49	46	59	58	54	62	60	57	57	62	62	64	66	59	63	55.2
State College[1]	Maximum	90	81	76	81	82	82	80	84	81	80	71	77	82	81	79	75	65	80	86	87	89	80	81	87	89	92	82	73	82	80	81	81.2
	Minimum	68	63	55	53	63	65	55	58	60	56	51	46	64	66	60	56	56	65	67	70	65	67	64	66	70	68	64	66	67	66	66	62.1
Stroudsburg-2 E	Maximum	97	95	79	84	80	88	86	87	86	88	78	80	84	82	83	80	76	81	80	86	91	89	78	85	85	90	82	81	86	84	83	84.3
	Minimum	67	67	55	48	57	66	53	55	58	63	54	42	54	56	59	61	61	66	66	67	63	63	65	65	65	67	65	61	64	66	62	60.7
Tamarack/-2 S	Maximum	85	65	70	75	78	77	76	79	77	74	65	72	71	76	73	70	64	71	78	79	80	77	74	78	83	78	77	65	79	78	76	74.8
	Minimum	65	63	52	52	54	62	53	54	57	62	43	43	48	57	61	54	53	53	61	61	64	65	62	63	66	64	60	60	61	62	63	58.0
Tionesta/-1.5 SE	Maximum	86	71	75	83	88	79	78	82	82	69	64	78	82	74	74	76	80	85	88	88	80	86	90	90	86	84	78	84	86	84	80	80.8
	Minimum	65	62	50	48	52	63	54	54	57	60	42	40	48	56	63	56	47	50	58	59	58	59	60	63	65	65	59	63	65	63	64	57.0
Titusville-2 S	Maximum	86	78	73	79	81	82	77	82	84	80	67	77	82	79	72	74	74	79	82	87	88	84	86	89	91	86	84	82	83	85	83	81.2
	Minimum	65	58	46	44	55	62	48	54	59	62	38	39	50	60	61	54	44	58	55	55	53	66	61	61	65	63	57	66	58	61	63	56.2
Towanda-1 E	Maximum	91	79	75	82	86	85	82	85	85	81	70	78	82	83	81	67	75	81	86	87	89	81	85	85	89	85	85	77	83	87	80	82.2
	Minimum	65	62	55	47	62	63	52	53	57	60	46	40	61	58	65	58	55	64	65	67	61	64	62	67	62	68	60	64	65	62	67	59.9

Continued on page 56.

Daily Temperatures for July 1945—Continued from page 55.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	90	85	75	86	82	85	82	88	90	85	76	82	87	87	82	72	74	81	89	91	92	86	83	90	87	93	86	83	82	87	88	84.7
	Minimum	72	63	55	57	63	69	57	63	63	67	53	46	57	65	66	57	58	63	61	65	63	71	65	65	67	67	67	70	70	65	67	63.1
Vandergrift[1]	Maximum	90	79	77	87	88	86	86	88	92	83	76	84	90	84	80	79	75	83	89	91	93	83	87	93	94	92	89	81	84	88	84	85.6
	Minimum	71	61	57	52	67	69	55	63	60	61	52	43	52	62	64	60	57	64	59	63	62	70	66	63	66	66	68	68	65	66	69	62.0
Warren	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	§§
	Minimum	68	60	48	50	47	65	55	58	57	65	43	41	50	59	52	55	48	60	60	62	59	60	64	64	65	67	58	64	63	61	64	57.8
Waynesburg	Maximum	90	82	75	83	80	84	81	86	89	85	77	81	87	84	78	69	73	80	89	90	94	89	89	92	88	91	86	83	82	88	86	84.2
	Minimum	69	61	50	51	64	67	54	59	60	69	50	42	52	63	65	56	58	60	57	60	61	68	62	61	62	65	65	67	64	64	66	60.4
Wellsboro/	Maximum	91	70	75	81	85	82	81	84	83	78	69	76	81	82	80	72	71	79	85	85	89	82	85	85	89	85	84	71	83	81	81	80.8
	Minimum	65	63	50	46	48	59	49	50	54	55	44	38	41	49	57	56	51	53	58	60	56	59	64	66	64	64	54	56	62	58	60	55.1
West Chester	Maximum	95	92	79	82	83	88	84	86	86	86	71	78	82	81	75	79	75	77	77	87	87	87	82	82	82	91	79	76	82	77	73	82.0
	Minimum	75	66	60	56	63	68	64	65	65	65	59	50	56	64	68	63	65	67	70	70	70	68	68	68	69	68	67	66	73	70	60	65.5
Wilkes-Barre[3]	Maximum	91	77	75	82	80	85	82	86	85	83	72	78	80	82	79	73	74	78	81	85	89	77	83	87	86	86	84	69	85	87	75	81.2
	Minimum	69	59	55	51	51	56	55	59	63	57	49	46	57	59	64	60	59	65	65	64	64	66	66	66	70	67	66	65	65	64	64	60.8
Williamsport Arpt.[1-4 E]	Maximum	91	75	75	81	82	84	82	85	82	83	73	79	81	78	80	72	72	78	87	83	90	80	87	85	87	84	87	76	84	86	77	81.5
	Minimum	70	62	53	51	67	59	56	58	62	54	50	43	64	73	64	57	57	66	69	65	64	67	65	69	67	69	64	65	66	64	69	62 2
Williamstown	Maximum	93	91	76	81	80	84	84	86	86	84	80	79	80	79	82	75	72	79	82	86	88	87	85	83	86	92	76	74	83	83	79	82.1
	Minimum	69	66	54	47	64	67	54	52	59	64	55	40	54	57	57	56	56	63	60	66	62	61	63	67	65	70	63	65	66	69	60	60.4
Woodward[1-2 NE]	Maximum	85	71	70	75	76	78	77	81	76	77	68	73	75	79	77	67	65	72	80	78	82	74	75	78	84	87	78	66	76	78	72	75.7
	Minimum	69	56	52	55	62	63	56	59	61	55	46	48	57	59	63	53	53	61	61	64	64	62	61	65	67	64	63	60	63	64	63	59.6
York-3 SW	Maximum	100	98	83	84	85	89	90	90	89	88	86	80	84	85	77	78	78	80	89	90	92	92	87	88	89	94	95	78	80	83	80	86.5
	Minimum	71	68	57	52	68	69	61	57	61	67	53	46	57	61	69	60	62	66	68	65	68	67	68	71	67	72	67	68	69	67	70	64.3

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.36	17	29.66	10	6.5	18	w.	1	82	67	73	63	5
Harrisburg	30.28	17	29.68	10	7.2	26	s.	15	84	62	69	53	1
Philadelphia	30.31	17	29.69	10	6.9	33	ne.	26	87	65	80	49	0
Philipsburg	30.34	17	29.76	10	7.7	22[a]	s.	19	88	67	79	....	62
Pittsburgh	30.28	17	29.76	28	8.1	22	w.	1§	82	54	60	54	4
Reading	30.30	18	29.69	10	9.6	43	ne.	26	81	60	60‡	41	1
Scranton	30.33	17	29.71	10	5.4	20	nw.	20	82	65†	....	31	8

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. a One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.1	9.0	20	2.0	15	18
Easton	Delaware	6.7	17.3	20	2.4	9	22
Lehighton	Lehigh	4.9	9.0	19	3.3	5	9
Reading	Schuylkill	6.0	11.1	19	3.5	14	13
Wilkes-Barre	N. Br. Susquehanna	4.1	8.4	30	2.5	14	22
Williamsport	W. Br. Susquehanna	1.3	2.4	29	0.6	17	20
Newport	Juniata	3.6	4.7	28	3.3	26	22
Harrisburg	Susquehanna	3.9	4.9	20	3.4	15	17
Schenley, (nr) Lock No. 5.	Allegheny	12.7	14.9	17	11.9	12	24
Sutersville	Youghiogheny	3.0	4.7	31	2.6	14	20
Charleroi (nr.), Lock No. 4	Monongahela	15.0	14.7	31	11.0	13	30
Pittsburgh	Ohio	*	*	*	*	.....	25
Midland, Dam No. 7	Ohio	*	*	*	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
a, b, c, etc. Number of days missing, for example, b indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
‡ And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Hawley, 1 S.	"	Wallenpaupack Dam (Evaporation)
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Shaver Creek (Evaporation)
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—9-28-45—975)

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

.32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. L. AUGUST 1945. No. 8.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

This was the driest month since February, although the State average was barely below normal. The accumulated precipitation since January 1 is +2.66 inches, or 5 inches more than at the same time last year. Slightly more sunshine and 5 less rainy days made the month a pleasant contrast to the stormy, dreary weather of July. A few localities in the west and north-central counties remained extremely dry. Totals for Beaver Falls and Galeton were the driest for August in 37 and 15 years of record, respectively.

The July pattern opened the month. Early on the first, excessive precipitation in Delaware County caused creeks to overflow, locally flooding homes and war plants near Chester. There followed several dry, sunny days, the first in a number of weeks, and permitted one good haying and harvesting day. It was too good to last; by the 6th rain was general, and thunderstorms, with more local flooding in the Philadelphia area, followed on the next day.

The next two weeks were relatively the longest rain-free period this year (averaging less than 0.50 inch), but on the 23d general rains began in the eastern counties and extended west by the 25th, when a damaging squall line formed in the central part of the State. About $100,000 of wind damage occurred at Lock Haven. In Harrisburg, due to the sudden violence of its passage, numerous trees were blown down with resultant minor structural and power-line damage. Temperatures reached their lowest points for the month on the 27th and climbed quickly to register their highest points on the last two days.

The meteorological summer, closing with the current month, averaged 68.8° or 1.4° below normal, the coolest since 1927. Rainfall averaged 13.61 inches or 108% of normal. However, the western portion of the State received only 93% of a 36-year average, while the east experienced 122%. This distribution of precipitation further emphasizes the trend begun in April. Accumulated departure for the growing season April 1 to date now shows several areas with deficiencies. They are in Tioga and Clearfield Counties and from Crawford-Venango southward including Greene-Fayette-Somerset Counties, with the exception of portions of Westmoreland and Washington. The largest deficiency in this area is 4.57 inches at Greenville. Elsewhere excesses are shown, reaching 16.25 inches at Mt. Pocono and averaging about 9 inches generally east of the Susquehanna River. The moisture benefited vegetation, but interfered with all field work. In spite of all handicaps, yields promise to be better than average, except for fruits.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 69.3°, which is 1.0° below the 58-year normal for August. The highest monthly mean was 76.0° at Marcus Hook, and the lowest was 62.8° at Kane. Extremes ranged from a maximum of 99° at Marcus Hook on the 30th and at Phoenixville on the 31st, to a minimum of 34° at Greenville on the 27th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 203 stations, was 3.79 inches, which is 0.37 inch below the 58-year normal for August. The greatest monthly amount was 8.52 inches at West Grove, while the least was 0.78 inch at Beaver Falls. The greatest amount recorded in any 24 consecutive hours was 3.42 inches at Dingmans Ferry on the 23d-24th.

OBITUARY

Mr. J. H. Weinberger, cooperative observer at Zionsville, Pennsylvania, died on July 5, 1945. His services began on December 1, 1931, and continued until the time of his death.

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	69.8	100	33	7.05	.....	10	13	10	8
1889	67.4	100	37	3.24	.....	8	15	10	6
1890	68.8	98	34	5.76	.....	12	9	14	8
1891	69.6	99	35	5.09	.....	12	8	12	11
1892	71.4	99	42	3.77	.....	9	14	7	10
1893	70.4	99	30	4.50	.....	8	14	10	7
1894	69.4	98	32	1.84	.....	6	13	12	6
1895	72.3	101	32	3.23	.....	9	15	11	5
1896	71.2	101	35	2.22	.....	8	14	11	6
1897	67.9	97	34	3 17	.....	9	14	11	6
1898	72.3	99	37	6.60	.....	12	11	11	9
1899	71.2	101	38	4.01	.....	7	14	10	7
1900	75.0	103	38	3.33	.....	9	14	12	5
1901	72.0	99	42	6.81	.....	11	10	12	9
1902	67.8	100	34	2.62	.....	8	13	13	5
1903	67.2	99	36	5.29	.....	14	9	12	10
1904	68.0	96	34	4.36	.....	9	15	10	6
1905	69.6	95	36	5.71	.....	12	12	12	7
1906	73.2	96	39	5.62	.....	12	10	12	9
1907	68.0	97	32	2.94	.....	10	16	9	6
1908	69.4	102	30	3.22	.....	7	15	10	6
1909	69.4	100	34	2.31	.....	7	16	9	6
1910	69.8	98	35	2.61	.....	6	14	10	7
1911	71.4	102	36	7.63	.....	13	11	8	12
1912	67.1	93	36	5.02	.....	14	9	12	10
1913	70.4	102	38	2.69	.....	8	17	9	5
1914	71.3	100	34	3.85	.....	11	13	11	7
1915	68.0	99	34	6.71	.....	15	10	11	10
1916	71.9	103	32	2.57	.....	8	17	10	4
1917	71.2	101	38	6.69	.....	10	15	10	5
1918	73.6	108	32	4.12	.....	11	16	10	5
1919	68.2	94	35	5.43	.....	12	13	10	8
1920	70.2	95	37	4.66	.....	15	9	12	10
1921	68.4	97	35	3.83	.....	9	17	8	6
1922	69.1	100	31	3.14	.....	10	15	9	7
1923	69.2	96	30	3.10	.....	9	15	11	5
1924	70.1	102	31	3.78	.....	9	16	10	5
1925	69.7	97	26	2.28	.....	7	18	9	4
1926	71.9	103	32	5.69	.....	15	11	8	12
1927	65.5	92	34	4.12	.....	12	12	10	9
1928	73.4	99	35	4.60	.....	12	13	11	7
1929	67.7	98	31	2.52	.....	7	17	8	6
1930	70.3	108	29	1.47	.....	7	15	10	6
1931	71.1	104	40	4.01	.....	12	11	10	10
1932	71.6	103	34	2.82	.....	8	19	8	4
1933	70.8	104	38	7.61	.....	12	13	9	9
1934	68.6	98	30	4.94	.....	11	14	8	9
1935	71.3	98	31	3.91	.....	11	13	10	8
1936	73.2	102	37	4.96	.....	12	18	11	7
1937	73.5	101	40	5.43	.....	12	13	9	9
1938	73.8	100	36	2.90	.....	8	17	10	4
1939	73.3	98	41	2.98	.....	8	15	10	6
1940	68.8	98	30	4.57	.....	11	11	9	11
1941	68.8	101	31	4.35	.....	8	17	9	5
1942	69.5	96	27	4.53	.....	11	10	11	10
1943	70.8	101	33	2.72	.....	8	14	11	6
1944	71.5	103	30	2.56	.....	9	13	11	7
1945	69.3	99	34	3.79	.....	9	14	10	7
Period	70.3	108	26	4.16	.....	10	14	10	7

Climatological Data for August 1945

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	70.6	−1.5	92	29	49	16	5.06	+0.66	1.93	23-24	0	6	11	13	7	sw.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	69.1	0.0	91	30	43	27	5.65	+2.21	3.20	24	0	10	20	8	3	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	70.6	.....	94	30	41	27	3.44	.....	2.19	23-24	0	8	21	2	8	s.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	77	70.0	−2.8	92	30	45	16	5.85	+1.45	1.85	23-24	0	9	23	2	6	ne.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	71.4	−1.0	93	30	47	27	4.77	+0.89	2.11	23-24	0	9	23	3	5	s.	Charles A. Bender.
Coatesville	Chester	431	58	72.4	−0.4	93	3†	53	16†	2.99	−1.59	1.40	24	0	10	5	15	11	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	3	65.1	.....	85	31	39	27	2.55	.....	0.86	23-24	0	9	10	12	9	nw.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	66.4	.....	87	10	44	27†	4.99	.....	1.92	30	0	9	14	9	8	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	68.4	.....	86	30	48	27	5.05	.....	1.55	30	0	10	10	12	9	n.	U. S. Weather Bureau.
Emporium†-1 E.	Cameron	1,100	59	68.3§	+0.7	92	31	41	27	1.77	−1.96	0.32	25	0	13	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	72.4	−0.1	93	30	49	27	3.59	−1.05	1.44	23-24	0	10	11	14	6	sw.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	69.8§	+0.1	92	28	44	27	5.12	+1.30	2.33	23-24	0	9	18	7	6	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	66.6	−0.2	86	31	45	27	3.50§	−0.65	1.25	24	0	8	14	0	17	s.	Andrew B. Evansha.
George School	Bucks	184	39	71.2	−1.0	91	30	52	16	3.48	−1.11	1.01	1	0	11	20	6	5	w.	George M. Hart.
Gettysburg	Adams	500	72	72.0	−0.4	91	30	52	27	5.17	+1.16	2.18	23-24	0	9	20	6	5	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	68.1	−0.3	88	29†	44	16†	3.49	−0.91	1.40	23-24	0	8	18	7	6	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	72.4	−1.2	93	30	49	27	4.80	+0.49	1.59	23-24	0	10	18	6	7	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	72.0	−0.6	93	30	52	27	4.76	+0.72	2.17	23-24	0	9	10	12	9	sw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	67.4	−0.6	92	31	43	16	5.82	+1.70	2.65	24	0	9	18	7	6	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	74.2	−0.9	91	3†	58	28†	5.33	+1.11	1.23	6	0	11	16	6	9	s.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	70.5	−0.2	92	21	42	27	5.29	+1.42	2.57	23-24	0	9	20	4	7	nw.	Paul R. Yoder. Jr.
Huntingdon	Lancaster	255	58	70.2	−2.1	90	3	47	27	5.05	+0.70	1.58	23-24	0	10	19	7	5	se.	Lancaster Water Bureau.
Lancaster	Tioga	996	48	69.2	+0.8	92	21†	41	27	3.24	−0.56	1.15	30	0	6	14	12	5	n.	Carlos P. Darling.
Lawrenceville	Lebanon	469	61	71.5	−0.7	95	3	48	27	4.63	+0.29	1.17	24	0	10	23	5	3	sw.	Lebanon Valley Gas Co.
Lebanon	Mifflin	580	7	70.0§	.....	93	30	43	27	4.06	.....	1.70	23-24	0	7	16	12	3	.....	Penna. Dept. of Highways.
Lewistown-2 SW	Clinton	557	54	71.2	−0.2	93	30†	42	27	3.32	−0.73	1.00	23-24	0	10	19	5	7	e.	William R. Kelley.
Lock Haven	Delaware	12	19	76.0§	−0.6	99	30	55	25†	6.50	+0.95	2.40	31-1	0	11	21	4	6	s.	Sun Oil Co.
Marcus Hook†‡	Blair	1,493	3	69.0	.....	88	31	46	27	5.34	.....	2.70	23-24	0	8	7	21	3	w.	U. S. Weather Bureau.
Martinsburg	Susquehanna	1,176	40	66.0§	−0.8	87	21	46	16	2.79	−1.30	1.09	24-25	0	8	13	10	8	nw.	Harry S. Fancher.
Montrose-3 E	Monroe	1,914	4	64.5	.....	85	31	43	16	4.54	.....	2.29	24	0	6	10	8	13	n.	U. S. Weather Bureau.
Mt. Pocono Arpt.-2 N.	Carbon	455	27	69.2	−1.6	97	31	48	16†	4.19	+0.08	1.74	23-24	0	7	12	9	10	s.	New Jersey Zinc Co.
Palmerton	Philadelphia	10	4	74.1	−0.7	95	30	55	25	3.75	−0.87	1.58	1	0	7	15	8	8	sw.	U. S. Weather Bureau.
Philadelphia	Centre	1,916	3	64.0	.....	86	31	35	16	2.67	.....	1.08	23-24	0	9	11	10	10	nw.	U. S. Weather Bureau.
Philipsburg-7 E.	Chester	100	36	73.2	−0.4	99	31	42	18	3.03	−1.87	0.85	24	0	7	19	9	3	sw.	Phila.-Suburban Water Co.
Phoenixville-1.5 SE.	Schuylkill	407	7	68.8	−2.4	90	29†	46	16†	4.30	−0.87	1.27	24-25	0	7	.....	.....	.....	.....	Earl E. Rarick.
Port Clinton†‡	Bucks	480	60	70.8	+0.4	90	3	49	27	3.46	+1.05	1.64	23-24	0	10	18	6	7	nw.	John E. Benner.
Quakertown-0.5 E.	Berks	273	75	72.8	−0.1	93	30	54	27	3.31	−0.90	1.63	23-24	0	10	10	11	10	s.	U. S. Weather Bureau.
Reading	Lackawanna	746	51	69.6	−0.2	91	31	49	16	5.37	+1.68	2.97	24	0	5	10	14	7	n.	U. S. Weather Bureau.
Scranton	Snyder	476	55	69.2	−2.2	91	30	43	27	4.48	+0.54	2.17	23-24	0	6	10	15	6	s.	Dr. George E. Fisher.
Selinsgrove	Centre	1,217	60	70.6	+1.7	91	30†	45	27	3.00	−0.47	1.37	24	0	8	14	10	7	nw.	Penna. State College.
State College	Monroe	440	26	70.6	+0.6	94	31	45	16	5.90	+1.04	2.56	24	0	10	13	7	11	nw.	Metropolitan Edison Co.
Stroudsburg-2 E.	Clinton	2,250	5	64.9	.....	84	30†	43	27†	3.59	.....	0.76	24	0	14	8	18	5	w.	James E. Swartz.
Tamarack-2 S.	Bradford	754	51	69.0	+0.4	92	21†	45	16†	1.86	−1.48	0.65	5-6	0	9	14	11	6	ne.	Mrs. M. Ordelia Parks.
Towanda-1 E	Tioga	1,319	75	66.4	0.0	92	31	38	27	1.61	−1.92	0.42	5-6	0	11	17	8	6	w.	M. S. Bliss.
Wellsboro	Chester	440	96	71.7	−0.5	92	30	51	27	3.85	−0.88	1.12	23-24	0	12	21	5	5	w.	Clyde T. Saylor.
West Chester	Luzerne	544	7	69.6	.....	90	30†	48	16	5.02	+1.24	2.80	24-25	0	4	7	14	10	sw.	Civil Aeronautics Authority
Wilkes-Barre†‡	Lycoming	520	1	69.4	.....	90	21†	48	27	2.93	.....	1.28	23-24	0	7	7	17	7	sw.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Dauphin	775	29	69.2§	−1.5	91	31	44	16	4.32	+0.16	1.18	24	0	7	2	22	7	.....	Gordon E. Lower.
Williamstown†‡	Centre	2,191	4	67.0	.....	85	21†	44	27	3.20	.....	1.90	23-24	0	5	6	12	13	s.	U. S. Weather Bureau.
Woodward-2 NE.	York	390	57	73.2	+0.5	97	31	45	27	7.48	+3.17	1.99	23-24	0	12	15	10	6	s.	York Water Co.
York-3 SW																				
Division mean			....	**69.8**	.....	**99**	**30†**	**35**	**16**	**4.19**	.....	**3.42**	**23-24**	**0**	**9**	**14**	**10**	**7**	s.	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	28	65.6§	−1.1	89	24	.....	.....	2.72	−0.67	1.06	14-15	0	9	14	10	7	w.	City Water Dept.
Brookville	Jefferson	1,400	55	66.6	+0.5	89	28†	36	27	2.84	−0.92	0.97	30	0	7	2	14	15	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	32	69.8	−0.2	94	31	37	7†	2.26	−1.59	0.72	6	0	8	24	5	2	nw.	Butler Eagle.
Clarion†‡-3 SW	Clarion	1,114	35	69.0	.....	93	30	38	27	2.07	−2.17	0.66	31-1	0	9	11	7	13	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	68.7	−2.6	93	31	37	27	3.72	−0.16	1.56	6	0	9	17	8	6	nw.	Walter B. Paget.
Corry	Erie	1,410	31	66.4	−0.6	90	31	38	27	3.32	−0.16	1.79	14	0	7	16	10	5	sw.	J. Fred Kinley.
Coudersport†‡	Potter	1,653	21	65.6	−0.5	89	31	36	27	1.41	−2.08	0.58	6	0	8	17	9	5	se.	Potter Enterprise.
Derry	Westmoreland	1,150	48	70.2	+0.9	92	30	43	27	3.22	−1.00	1.58	23-24	0	7	17	9	5	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	66.0	.....	88	31	35	27	4.15	.....	2.45	6-7	0	6	18	10	3	w.	Penna. Turnpike Comm.
Donora†‡	Washington	761	19	73.3	−0.7	96	31	46	27	2.85	−0.95	1.91	6-7	0	7	5	17	9	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	65.6	−1.1	90	30	40	28	4.97	+0.93	1.50	23-24	0	8	21	0	10	w.	Miss Emma H. Eastman.
Farrell	Mercer	855	32	73.8	+2.7	95	28†	43	27	3.09	−0.59	0.87	31-1	0	7	18	11	2	ne.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	2	69.0	.....	91	28†	41	27	3.94	.....	0.60	23-24	0	12	17	7	7	w.	U.S. Engineers.
Franklin	Venango	987	71	68.4	0.0	91	30†	41	27†	2.95	−0.71	1.00	6-7	0	8	19	7	5	s.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	36	69.2	−1.6	90	30†	35	27†	3.35	−0.84	1.73	6-7	0	8	18	7	6	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	70.0§	+0.1	.....	.....	41	27	4.16	−0.11	1.57	23-24	0	9	9	20	8	3	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	68.1	.....	90	2†	38	27	3.49	−0.28	1.14	5-6	0	9	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	71.4	+0.3	93	30	43	27	4.80	+0.41	3.05	23-24	0	8	17	10	4	e.	Johnstown Tribune Pub. Co.
Kane-1 N.	McKean	1,750	30	62.8	.....	87	31	35	16†	2.26	−1.35	0.62	5-6	0	8	10	11	10	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	67.6	−0.1	91	31	38	27	2.98	−0.67	1.03	14-15	0	8	10	16	5	nw.	City of Meadville.
Midland	Beaver	780	9	71.5	.....	94	31	47	27	2.82	.....	0.95	6	0	10	12	12	7	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	70.6	+0.1	94	31	44	27	2.32	−1.02	1.10	14-15	0	5	23	7	1	n.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	72.2	+0.9	94	31	50	27	2.50	−0.73	1.19	6	0	9	12	12	7	s.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	67.5	.....	89	30	39	27	4.69	.....	1.06	12	0	12	13	11	7	sw.	U.S. Engineers.
Ridgway	Elk	1,385	38	65.2	−1.3	92	31	39	27†	2.53	−0.67	0.57	5-6	0	11	15	10	6	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	66.2	−0.7	88	31	35	27	4.36	−0.13	2.12	23-24	0	9	8	15	8	nw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	64.0	−1.7	85	31	36	27	4.54	−0.07	2.85	23-24	0	10	6	17	8	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	67.5	.....	90	31	40	27	3.03	.....	1.15	30	0	8	16	7	8	nw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	67.4	.....	90	2†	37	27	1.58	.....	0.96	6	0	5	0	26	5	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	71.8	−0.1	93	31	43	27	2.63	−1.89	0.96	23-24	0	8	21	7	3	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	71.6	−0.2	94	31	44	27	2.66	−1.35	0.57	6	0	8	14	14	3	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	67.6§	−0.2	.....	.....	.....	27	3.81	+0.08	1.08	14	0	6	21	8	2	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	70.8	−1.3	94	31	38	27	1.97	−2.11	0.56	26	0	7	7	21	3	nw.	Thomas S Knox.
Division mean			....	**68.4**	.....	**96**	**31**	**34**	**27**	**3.15**	.....	**3.05**	**23-24**	**0**	**8**	**14**	**11**	**6**	w.	
Lake Drainage																				Samuel D. Lewis.
Albion	Erie	900	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Weather Bureau.
Erie	Erie	705	72	71.6	+2.0	91	13	52	27	2.26	−1.01	0.89	14	0	6	8	16	7	w.	
State mean			....	**69.3**	**−1.0**	**99**	**30†**	**34**	**27**	**3.79**	**−0.37**	**3.42**	**23-24**	**0**	**9**	**14**	**10**	**7**	w.	

[See page 64 for explanation of reference marks.]

Daily Precipitation for August 1945

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	.98						1.67		.06		.09													.48	2.94	.53						6.75
Hawley[2], 0.5 E	Wayne	.80	T.				.01	1.50		T.	.06													.38	2.27	.66	.02				12	5.82
Hollisterville[2]	Wayne	T.	.01				T.	1.88	T.	.02	.25													.35	2.03	.73	.02				.03	5.32
Lakeville[2], 1 N	Wayne	.89	.03				T.	1.54		.02	.01													.54	2.21	.44	.03				T.	§5.71
Matamoras[2]	Pike	.08						1.48			.07													.22	3.22	.38						5.45
Mount Pocono[1], 2 N	Monroe	.17					1.00	T.	.50			T.			T	T.							.01	2.29	.57	T.				T.		4.54
Pleasant Mount[1, 5], 1 W	Wayne						.90																.01	•	•	•	1.86			.28	•	3.05
Stroudsburg, 2 E	Monroe	.28					1.10	.10	.01	.75		.06			T.	.01								2.56	.52	.51						5.90
Tanners Falls[1, 5], 1 SE	Wayne		.37				1.13			.05														1.95	.17					.28		3.95
LEHIGH																																	
Allentown Arpt[1], 4 NE	Lehigh	1.56	T.				.83	T.		T.	.06	T.			T.	T.							.02	1.91	.68							5.06
Allentown[2]	Lehigh	.62	T.	T.			.13	.80	.01		.03	.01	.01		T.	T.							T.	.69	1.11	1.10						4.51
Bethlehem[1]	N'rthampton	.51	T.				.81	.02		T.	T.				T.	T.							.02	2.55	.02	1.12						5.05
Blakeslee Corners[1, 5]	Monroe	.02					.79	.04	.36														.02	2.01	.55							3.79
Gouldsboro[2]	Wayne	.15		.02			.14	1.76		.39	.11													.50	1.84	.74						5.65
Lansford[2]	Carbon	.28	T.				.12	.61	T.		T.		.35											.50	1.92	.73						4.51
Mauch Chunk, 1 SW	Carbon	.13	.06				.50	.10	.20	.08		.15				.03			.38					1.68	.72	.77					.15	4.95
New Tripoli	Lehigh	.41					.70	.02	T.	.17		.25	.01		.03	T.							.04	2.09	.12	.50						4.34
Palmerton[1, 5]	Carbon	.23					.82	.01	T.	T.		1.06				T.							.01	1.73	.33							4.19
Zionsville, 1 SW	Lehigh	.10					.15			.10														1.85	.30	.70						3.20
SCHUYLKILL																																	
Conshohocken	Montgomery	.91	.64	.07			.01			T.													.87	.98	1.06	.35						4.89
Fredericksville[2], 1 S	Berks	T.	.41				.10	.45	.01		.08	.01	T.				T.						T.	.75	.84	.89					.01	3.55
Gratersford[2]	Montgomery	.11	T.				.03	.51	.16		.10													.58	.96	.93						3.38
Phoenixville[2], 1.5 SE	Chester	12	T.	T.			T.	.44	.22		.03												T.	.60	.85	.77					T.	3.03
Port Clinton[2]	Schuylkill	.90					.04	.55	.14							T.								.78	1.27	.62						4.30
Pottstown[2], 0.5 S	Montgomery	.03	T.				.04	.32	.14		.12												T.	.87	.94	.84						3.30
Pottsville[2]	Schuylkill	.92					T.	.73	.05		.03		.15			T.								.70	1.51	.55					.03	4.67
Reading[1, 5]	Berks	03					.33	.29		.24	T					.01							.08	1.60	.67	.01				T.	.05	3.31
Wernersville	Berks	.30					.35	.46		T.						T.							.09	2.45	.08	1.10					.07	4.90
LOWER DELAWARE																																	
Coatesville[6]	Chester	.01					.45	.13		.03						.05							.02	1.40	.02	.84				.04		2.99
Doylestown	Bucks	.50	T.				.65	.05		.22		.03				T.							.04	1.35	.05	1.20				.01		4.10
George School[6]	Bucks	1.01	.01				.47	.03	T.	.01						.01							.07	.86	.03	.96				.02		3.48
Marcus Hook[2]	Delaware	1.85	.55		T.		.20	1.65	.05		.05						.15						.10	.04	1.00	.86						6.50
Philadelphia Airport Station[1, 5]	Philadelphia	.63		.67			.55	.02		T.						.05							.21	.67	.60					T.		3.40
City Office[1, 5]	Philadelphia	1.53	T	.12			.86	T.		T.					T.	.03							.08	.65	.48					T.		3.75
Shawmont	Philadelphia	1.77		T.			.23	.40		.04					.03	.05							.03	1.30	.10	.89				.35		5.19
Quakertown, 0.5 E	Bucks	.06					.64	.04	T.		.06	.03	.04			T.							.02	1.64	•	.93						3.46
West Chester	Chester	.57	.03	.14			.85	.10		.01						.20							.03	1.12	.77	.01				.02		3.85
West Grove[2], 1.5 SE	Chester	.56	.96		1.35		T.	1.34	.35		1.48						.18							64	.80	.84				.02		8.52
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga					T.	.55	.04			T.					.10									.15							0.84
Covington[2]	Tioga	.04					.13									.14								.25	.15	.50					.19	1.40
Lawrenceville	Tioga						.65	.09								.15								.40	.80	T.					1.15	3.24
NORTH BRANCH																																	
Berwick[2]	Columbia																																
Canton[2], 1 NW	Bradford	.05					.15	.37	.02			.01				.13								.13	.49	.46	.04			.03	.29	2.17
Danville[2]	Montour	.15						.59	.08	.20														.69	1.55	.53					.03	3.82
Freeland[2]	Luzerne	T.					.12	.60			.40		.02		T.	.10		T.						.50	1.25	.51						§3.50
Hop Bottom[2], 2 S	Susquehanna						.76	.36			.14													.51	.16	.08	T.			.18		2.19
Millville[1, 5]	Columbia						1.01	.05															.11	2.59	.54							§4.30
Monroeton[2], 2 S	Bradford	.02	.03				.16	.52																.13	.56	.27	.01			.06	.05	1.96
Montrose[2], 3 E	Susquehanna						.17	.77								.05								.13	.96	.37	.04			.30		2.79
Orwell[2], 3 N	Bradford	.01					.21	.50			.28					.17								.15	.46	.41	.02				.03	2.24
Park Place[1], 1 NW	Schuylkill	T.					.60	.01		T.		T.			T.	.01			T.					.15	.63							2.97
Pikes Creek[1, 5]	Luzerne						1.36	.02															.07	1.65	•	•	2.73			.04	.02	4.17
Rush[2]	Susquehanna						.41	.38			.14					.04							•	.27	.61	.38				.12	T.	2.35
Scranton[1, 5]	Lackawanna						1.79		.01	.19						T.								2.97	.41	T.				T.		5.37
Susquehanna[2]	Susquehanna																																
Towanda, 1 E	Bradford	T.					.64	.01								.11			.10					.54	.32	.02				.06	.06	1.86
Tunkhannock[1, 5]	Wyoming						.88																	1.65	.28					.20		3.01
Wilkes-Barre[3], 3 N	Luzerne						1.62	T.	.04	T.	T.					T.							T.	2.80	.56	T.				T.		5.02
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.09					.16	.18	.03		.07	.09		.17		.09								.09	.23	.38						1.58
Carrolltown[2]	Cambria		.04				.05	60	.16					.01		.03								1.50	.75	.27					.14	3.55
Carter Camp[2]	Potter	.17					.14	.19	.06							.31								.08	.35	.49						1.79
Cedar Run[2]	Lycoming	.54					.09	.50	.37			.03				.19								.17	.47	.65				.04		3.05
Clearfield[2]	Clearfield	.08	.10					1.05	.16					.38		.12								.56	.52	.41					.09	3.47
Coalport[2]	Clearfield		•				•	•	.80							•								•	•	1.46						2.26
CurwensvilleApt[1] 6NW	Clearfield	.27				T.	.75	.14	T.			.03		T.	.20								T.	.10	.77	.20	T.			.09		2.55
Driftwood[1, 5]	Cameron						.64	.01							.11				.10					.53	.33					.03		§§
Dushore[1, 5]	Sullivan						.60			.05					.17								.08							.15		§§
Eagles Mere[2]	Sullivan	.23					T.	1.08	.04						T.	.03								.31	.81	.54	.03				1.92	4.99
Emporium[2], 1 E	Cameron	.05	.01	.01			.22	.31	.24			.03		T.	T.	.14	.01							.25	.17	.32					.01	1.77
Galeton	Potter	T.					.41						.06			.15								.40	.23	.10					T.	1.35
Karthaus[2]	Clearfield	1.15	.42				T.	.44	.03					.17		.08								.50	.55	.51					.01	3.86
Lock Haven[2]	Clinton	1.10					.01	.49	.13			.01				.02								.42	.58	.51					.05	3.32
Medix Run[1, 5]	Elk	.11					.76	.15								.17							.03	.47	.37	.06				.03	2.15
Philipsburg[1], 7 E	Centre	.03				T.	.69	.15	T.					.01	.03								.16	.94	.61	T.			.05		2.67
Renovo[2]	Clinton	.38					.18	.38	.04		.05				.08									.33	.50	.17					.28	2.39
State College[1, 5]	Centre	.03				T.	.65	.11	.03						.01								.29	1.37	.51	T.			T.		3.00
Tamarack[2], 2 S	Clinton	.23	.02	T.			.09	.46	.67		.40	.04	.33		.18									.31	.45	.36	.02				.03	3.59
Tyrone[1, 5], 4 NE	Blair						.55	.02									03	.04					.37	1.53	.17				.06		2.77
Wellsboro[2]	Tioga	.06					.07	.35	.02		.04		.24		.10									.07	.40	.16					.10	1.61

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport Apt.[1] 4 E	Lycoming	T.	T.	..	..	..	.60	.26	..	.02	..	..	..	..	..	.02	..	..	..	..	..	..	..	.05	1.23	.75	..	..	..	..	..	..	2.93
Williamsport[2]	Lycoming	.36	..	..	..	..	..	.77	.11	..	.01	..	..	..	..	T.	..	..	..	..	..	..	..	..	.18	1.10	.62	..	..	..	..	..	3.15
Williamsport[2], 4 SE.	Lycoming	.33	.03	..	..	..	.03	.59	.41	..	..	..	..	..	..	T.	.01	..	..	..	..	..	..	..	.41	1.51	.73	..	..	..	..	..	4.05
JUNIATA																																	
Altoona, 4.5 W	Blair	.24	..	..	..	..	1.24	.25	..	..	..	..	..	..	.02	.20	..	..	..	..	..	..	..	..	3.20	.20	.05	..	..	..	.02	.23	5.65
Brezewood[1], 0.5 E	Bedford	.51	..	..	..	..	1.26	T.	T.	..	..	..	..	..	..	.11	..	..	..	T.	..	..	..	.60	1.78	.15	..	..	..	..	.23	T.	4.64
Buffalo Mills[2]	Bedford	1.11	.05	..	..	..	.60	.52	..	..	..	..	..	..	..	..	.11	..	.17	..	..	..	..	..	1.62	.63	.12	..	..	..	..	..	4.93
Burnt Cabins[1], 2 NE	Fulton	..	..	..	..	..	.67	.09	..	..	..	..	..	..	..	.05	..	.03	..	.06	..	..	..	.29	1.90	.23	..	..	..	..	.15	..	3.44
East Waterford[2], 3 E	Juniata	.19	.01	..	..	..	.01	.67	.13	..	..	..	T.	..	..	..	.12	..	..	T.	..	..	..	..	1.09	1.07	.30	..	..	..	..	T	1.55	5.05
Everett[2], 0.5 SW	Bedford	.97	.25	..	..	..	.03	1.07	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	T.	1.85	.59	.15	..	..	..	..	.09	5.12
Huntingdon[2]	Huntingdon	1.31	.01	..	..	..	T.	.95	.01	.12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.70	.93	.16	..	..	..	..	.04	5.29
Lewistown[2], 2 SW	Mifflin	.78	..	..	..	..	..	.75	.55	.01	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.66	1.04	.27	..	..	..	..	..	4.06
Mapleton Depot[2]	Huntingdon	1.77	..	..	..	..	.01	1.16	.59	..	..	..	..	..	..	.01	..	..	..	..	..	..	..	.94	1.79	.41	T	..	..	..	1.13	..	5.99
Martinsburg[1]	Blair	.06	..	..	..	..	.99	.01	T.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.19	.75	.45	..	..	..	..	.07	5.34
McConnellstown[2], 4 NW	Huntingdon	.17	..	..	..	..	.02	.97	.03	.09	..	..	..	..	..	..	..	..	..	..	..	..	..	.28	1.50	1.44	.19	..	..	..	..	.10	4.51
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.05	..	..	..	.04	.79	.03	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.62	.10	..	..	..	..	..	..	3.91
New Bloomfield	Perry	.23	.51	..	..	..	.68	.30	..	.14	..	..	..	..	..	..	T.	..	..	..	..	..	..	..	1.55	.03	.51	..	..	..	..	.16	4.11
Newport[2]	Perry	.26	.04	..	..	..	.01	.58	.31	..	..	..	..	..	..	..	T.	..	T.	..	..	..	..	..	.85	.87	.54	..	..	..	..	.22	3.68
Saxton[2], 1 W	Bedford	.48	.08	..	..	..	.05	.70	T.	T.	..	..	..	..	..	..	T.	..	..	..	..	..	..	..	1.80	.75	.56	..	..	..	..	.20	4.57
Shade Gap[1, 5], 0.5 SW	Huntingdon	.02	..	..	..	.04	.95	..	.02	.22	..	..	..	..	..	.06	..	..	..	..	..	..	..	..	*	*	*	3.00	..	..	.22	..	4.53
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	.81	.08	..	..	..	.03	1.01	.08	..	.12	..	..	..	..	..	.61	..	..	..	..	..	..	..	T.	1.12	1.11	.40	..	..	..	.07	5.44
Bloserville, 1.5 N	Cumberland	.36	1.95	..	..	..	.63	.40	..	..	..	..	..	..	..	02	..	..	..	..	..	..	..	..	T.	2.05	.04	.53	..	..	..	.83	6.81
Carlisle	Cumberland	.49	.68	..	..	..	.56	.24	..	..	..	..	..	..	..	42	..	..	..	..	..	..	..	..	T	1.85	.05	.48	..	..	..	1.08	5.85
Columbia	Lancaster	.11	..	..	..	..	.41	.08	..	..	..	..	..	..	..	.18	..	..	..	..	..	..	..	..	.05	1.63	.10	.46	..	..	..	.66	3.68
Dauphin[2], 3 N	Dauphin	.11	.03	..	..	..	T.	.45	.35	..	..	..	..	..	..	.01	.01	..	..	..	..	..	..	..	.04	.93	1.32	.71	..	..	..	.12	4.08
Ephrata	Lancaster	.04	..	..	..	..	.54	.25	T.	T.	..	..	..	..	..	.05	..	..	..	..	..	..	..	..	.04	1.44	.05	1.00	..	..	..	.16	3.59
Glen Rock[1, 5]	York	.30	..	..	..	..	.68	.01	*	*	*	*	*	*	*	.64	..	..	..	..	..	..	..	..	.41	1.85	.45	..	..	..	..	.20	4.54
Gordon	Schuylkill	..	..	..	..	..	.42	.02	.01	.66	..	.05	..	..	..	..	..	..	..	..	..	..	..	..	1.40	.18	.75	..	..	..	..	..	3.49
Grantville, 2 SW	Dauphin	.08	.04	..	..	..	.53	.33	..	T.	..	..	..	..	..	T.	..	..	..	..	..	..	..	..	.04	2.12	1.06	..	..	..	..	1.61	5.81
Hanover[2]	York	.48	.01	..	..	..	T.	.64	.01	..	..	..	..	..	..	T.	..	.50	..	..	..	..	..	..	.12	1.59	.83	.29	..	..	..	.33	4.80
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T.	.01	..	..	..	.91	.50	..	.10	..	..	..	..	..	T.	..	..	..	..	..	..	..	..	.10	2.07	.35	..	..	..	.63	.09	4.76
Holtwood[2]	Lancaster	.13	T.	..	.54	..	T.	1.23	.08	..	.02	..	..	..	..	T.	..	.43	..	..	..	..	..	..	.06	.91	.86	.89	..	..	..	.18	5.33
Huntsdale[2]	Cumberland	.69	1.75	..	..	..	.01	.67	T.	..	.18	..	..	..	..	..	..	.05	..	..	..	..	..	..	..	1.14	1.07	.69	..	..	..	.14	6.39
Kirkwood[1, 5], 1 SW	Lancaster	.38	..	.11	..	..	1.11	.20	..	.08	..	..	..	..	..	.49	..	..	..	..	..	..	..	.03	1.19	.86	..	..	..	..	.15	4.60
Lancaster	Lancaster	T.	..	..	..	..	.42	.39	.28	..	..	..	..	..	.06	.68	..	..	..	..	..	..	..	.12	1.58	.10	.91	..	..	..	.51	5.05
Lebanon[2]	Lebanon	.52	..	..	..	..	.03	.42	.44	..	.33	..	..	..	..	..	..	T	..	..	..	..	..	.02	.64	1.17	.71	..	..	..	.35	4.63
Middletown[1], 1.5 W	Dauphin	T.	T.	..	..	T.	.85	.35	..	.04	..	..	T.	T.	T.	T.	..	..	..	..	..	..	..	.12	2.22	.78	..	..	..	.48	.20	5.04
Millersburg[1, 5], 2 E	Dauphin	..	.03	..	..	..	.57	1.03	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.20	*	*	2.45	..	..	..	.22	..	4.50
Milroy[2], 5 N	Mifflin	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4.48
Newburg[1], 3.5 NW	Cumberland	T.	..	..	..	..	.80	..	..	..	..	..	..	..	..	.05	..	..	.09	..	..	..	..	.02	2.59	.80	..	..	..	..	.13	..	4.97
New Park	York	.38	..	..	..	..	.25	1.04	..	..	..	..	..	..	..	50	..	..	..	..	..	..	..	.25	1.82	..	.51	..	..	..	.22	..	4.58
Pine Grove[2], 1.5 NE	Schuylkill	.84	..	..	..	..	.03	.75	.23	..	.09	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.76	*	1.82	..	..	..	.06	4.58
Ringtown[2], 1.5 SW	Schuylkill	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.56	4.48
Selinsgrove	Snyder	.18	..	..	..	..	.59	.37	..	..	..	..	..	..	..	T.	..	..	..	..	..	..	..	T.	2.17	T.	.61	..	..	..	..	.03	4.22
Shamokin[2]	N'umberland	.03	..	..	..	..	.02	.50	.28	..	.54	..	..	..	..	..	T	..	..	..	..	..	..	..	.84	1.26	.60	..	..	..	..	.21	5.30
Shippensburg	Cumberland	1.42	.02	..	..	..	.93	.01	..	..	..	..	..	..	..	.06	..	..	..	..	..	..	..	..	2.45	.20	T.	..	..	..	..	.45	4.58
Sunbury[2]	N'umberland	.25	..	..	..	..	.03	.53	.10	..	..	..	..	..	..	..	T.	..	..	T.	..	..	..	T.	.82	1.50	.90	..	..	..	..	.22	4.32
Williamstown[2]	Dauphin	..	..	..	..	..	T.	.62	.28	..	.12	..	..	..	..	..	..	..	..	..	..	..	..	..	.77	1.18	1.13	..	..	..	..	..	3.20
Woodward[1], 2 NE	Centre	T	T.	..	..	T.	.58	.24	..	..	..	..	..	..	..	T.	..	..	..	..	..	..	..	.16	1.76	.46	..	..	..	..	T.	..	7.48
York, 3 SW	York	.25	.04	..	..	..	1.04	.92	.04	.04	..	..	..	..	..	.86	..	..	..	..	..	..	..	.07	1.99	.13	.74	..	..	..	1.36	..	7.48
York Haven[2]	York	.22	..	..	..	..	.03	.58	.22	..	.10	..	..	..	..	..	.08	..	..	..	..	..	..	.04	.96	1.41	1.30	..	..	..	..	.88	5.82
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin	.01	.04	..	..	..	1.22	T.	..	T.	..	..	..	..	..	.34	..	..	.75	..	..	..	..	.05	2.11	.02	..	..	..	T.	.23	4.77
Gettysburg	Adams	1.05	T.	..	..	..	.54	T.	.01	..	T.	..	..	..	..	.47	..	..	..	..	..	..	..	.22	2.18	.03	.26	..	..	..	.41	5.17
Hewitt, 2 SW	Bedford	.86	..	..	..	..	.92	.09	..	..	..	..	..	..	..	T.	..	..	..	..	..	..	..	1.09	1.02	2.07	.95	..	..	..	..	..	7.00
Hyndman[2]	Bedford	.22	T.	..	..	..	.42	.60	..	..	..	..	T.	..	..	.10	T.	..	..	..	..	..	..	..	..	.30	1.85	.14	..	..	..	..	..	3.63
McConnellsburg[2]	Fulton	.50	..	..	..	..	..	1.33	..	..	..	..	..	..	..	..	.19	..	..	..	..	..	..	..	1.26	.99	..	..	..	..	..	.19	4.46
Mercersburg[2]	Franklin	.35	.01	..	.11	..	.25	.43	..	..	..	..	..	..	..	..	.18	..	..	.07	..	..	..	..	2.15	.31	.26	..	..	..	..	.29	4.41
South Mt. San't'm[2]	Franklin	2.53	.02	..	..	..	T.	1.01	.01	..	..	..	..	..	..	..	.54	..	..	..	..	..	..	..	1.44	.88	.35	..	..	..	..	.35	7.13
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.11	..	..	..	..	.46	.40	.09	..	..	..	.40	.07	..	.15	..	..	..	..	..	..	..	T.	.38	.13	.29	..	..	..	.06	2.30
Allens Mills[1, 5]	Jefferson	..	..	..	..	..	.49	.10	.09	..	.02	.03	..	.04	.01	.08	..	..	..	..	..	..	..	*	.45	.72	.03	..	..	..	.64	..	2.72
Blairsville[2], 6 NE	Indiana	.07	..	..	..	..	.62	.93	.06	.03	..	..	..	..	..	.12	.09	..	..	..	..	..	..	..	1.58	.68	.40	..	..	..	..	.62	5.12
Boswell[2], 6 NW	Somerset	.67	..	..	..	..	.58	1.55	..	..	..	..	..	.03	..	1.06	..	..	..	..	..	..	..	..	1.72	.90	..	..	..	..	..	.12	5.63
Bradford, 4 W	McKean	.10	..	..	..	..	.71	.03	..	..	.17	..	..	..	..	.25	..	..	..	..	..	..	..	..	..	.48	.02	..	..	..	..	..	2.72
Brookville[1], 1.5 SW	Jefferson	T.	..	..	..	T.	.52	.06	..	..	..	..	T.	..	T.	.13	..	..	..	..	..	..	..	.08	.36	.60	..	..	..	..	.97	..	2.84
Buckstown[1, 5]	Somerset	.30	..	..	..	..	.94	.12	..	..	..	..	..	..	..	.38	..	..	..	..	..	..	..	.46	1.19	.13	..	..	..	..	..	..	3.27
Clarion[2], 3 SW	Clarion	.66	..	..	..	..	.05	.35	.22	..	..	..	..	..	..	1.79	..	..	..	..	..	..	..	..	..	.05	.02	.33	..	..	.01	..	2.07
Corry	Erie	..	..	..	..	T.	.85	.08	..	..	..	..	..	..	..	.26	..	..	..	..	..	..	..	..	..	..	.36	.10	..	..	.02	.12	3.32
Coudersport	Potter	.04	..	..	..	..	.58	.03	..	..	..	.07	.08	..	..	.04	..	..	..	..	..	..	..	..	.12	23	..	..	..	..	..	..	1.41
Derry	W'moreland	T	..	..	..	..	1.18	.30	..	..	..	..	.07	..	..	.04	..	..	..	..	..	..	..	.07	1.51	T.	.05	..	..	..	..	..	3.22
Donegal[1]	W'moreland	..	..	..	..	..	1.84	.61	..	..	..	..	.03	..	..	.10	..	..	..	..	..	..	..	.26	1.31	..	..	..	..	..	..	..	4.15
Dunlo[1, 5], 0.5 SW	Cambria	.03	..	..	..	..	1.06	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.49	1.52	.60	.03	..	..	1.68	..	5.41
Ebensburg[2]	Cambria	.01	T.	..	..	..	T.	1.03	.20	..	..	..	..	..	..	.18	T	..	..	..	..	..	..	..	1.50	1.20	.70	T.	..	..	.15	4.97
Ford City[2], 4 S	Armstrong	1.41	.02	..	..	..	.21	.30	.08	..	..	..	.08	.08	..	.40	..	..	..	..	..	..	..	..	.60	.11	.11	..	..	..	.54	3.94
Franklin[2]	Venango	.82	.03	..	..	..	.77	.23	..	..	..	..	..	..	..	.65	..	..	..	.27	..	..	..	..	.02	T.	.16	..	..	..	T.	..	2.95
Glen Hazel[2], 1 NE	Elk	.23	T.	..	..	..	.48	.25	.12	.01	.20	..	.19	T.	..	.20	..	..	..	..	..	..	..	.19	.71	.23	..	..	..	2.86	..	2.28
Home[1, 5]	Indiana	.23	..	..	..	..	.73	.53	..	.10	..	..	..	..	..	.27	..	..	..	..	..	..	..	T.	1.57	.59	..	..	..	..	.78	5.85
Indiana	Indiana	.41	..	..	..	..	.37	.28	.03	..	..	..	.04	..	..	.09	..	..	..	..	..	..	..	..	2.30	.75	.60	..	..	..	.25	4.80
Johnstown[2], 0.5 W	Cambria	.04	..	..	..	..	.63	.22	T.	..	..	..	..	..	..	.61	.01	..	..	..	..	..	..	..	..	.04	.35	.19	..	..	.02	T.	4.16
Kane[1], 1 N	McKean	.02	..	..	..	.01	.61	.36	T.	.05	..	..	..	..	..	.20	..	..	..	..	..	..	..	1.27	1.20	.10	..	..	..	..	..	..	2.26
Kregar[1], 4.5 SE	W'moreland	..	..	..	..	..	1.22	1.16	.50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	T.	1.45	..	..	..	..	..	..	..	5.65
Lycippus, 1.5 E	W'moreland	T	..	..	..	..	1.53	.43	.51	..	..	..	.05	..	..	T.	..	..	..	..	..	..	..	..	..	.05	.18	..	..	..	.09	.02	3.97
Marienville[1, 5]	Forest	..	..	..	..	..	.64	.04	..	..	..	..	..	..	.07	.34	..	..	..	..	..	..	..	..	..	.13	..	.33	..	..	..	..	$1.43
Meadville[2], 1 S	Crawford	.30	..	..	..	..	.96	.17	.03	..	..	..	..	.03	..	1.03	..	..	..	..	..	..	..	..	..	.31	.13	.14	..	..	..	1.62	2.98
Mosgrove[2]	Armstrong	.62	..	..	..	..	.01	.65	.22	..	..	..	.01	..	..	.68	..	..	..	..	..	..	..	..	..	.25	..	.44	..	..	..	..	4.39
Parkers Landing[2]	Armstrong	1.02	..	..	..	..	.10	.82	.08	..	..	..	..	..	..	.34	..	..	..	..	..	..	..	.21	.18	.40	..	..	..	T.	..	..	3.05
Pittsburgh Cty Of[1, 5]	Allegheny	.05	..	..	..	..	.62	.03	.02	..	..	.21	..	..	..	.33	..	..	..	..	..	..	..	..	..	.03	.28	..	..	..	.09	..	1.75
Port Allegany[2]	McKean	.41	..	..	..	..	.31	.33	.15	..	T.	.01	T.	..	T.	.51	..	..	..	..	..	..	..	..	.48	.18	.20	..	..	..	T.	.70	2.12
Punxsutawney[2]	Jefferson	.26	.53	..	..	..	.01	.98	.52	.06	.04	T.	..	..	..	.55	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4.51

Continued on page 61.

Daily Precipitation for August 1945—Continued from page 60

Stations	Counties	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong	.38					.07	.49	.70	.08	.03		T.	1.06		.71									.41	.08	.29					.39	4.69
Ridgway[2]	Elk	.48					.27	.30	.21	.03	.36					.24									.12	.13	.38					.01	2.53
Saltsburg[2]	Indiana	.93		T.			.42	.50		.02	T.		.03	.02		.04									.80	.61	.24					.69	4.30
Seward[2]	W'moreland	.15					.38	.98								.14									1.43	.64	.51					.54	4.77
Sheffield[1, 5], 6 W	Warren						.70	.32							.34	.14										.27	.05				.10	.12	2.04
Smethport[1, 5], 1 SW	McKean						.58	.22	.20	.12					.43	.07										.22	.05						$1.89
Strongstown[1, 5]	Indiana	.08					1.14	.20								.62								.47	1.70	.17				1.00	.01	4.77
Tionesta[2], 1.5 SE	Forest	.02					.63	.32	.08							.28									T.	.01	.20					1.15	3.03
Titusville, 2 S	Crawford						.96																		.02	.29					.03		1.58
Union City[1, 5]	Erie	.48					.80	.16							2.25											.29							3.98
Vandergrift[1]	W'moreland	T.	T.			T.	.57	.27					.18			.47								.09	.52	.05					.51		2.66
Warren[2]	Warren	1.05					.53	.12	.77							1.08											.26						3.81
Youngsville[1, 5]	Warren						.60	.66	.03			.16	.04		1.02	.16										.08	.17					.36	3.28
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.09		.02			.40	.44								T.	.09							1.87	.60	.27						3.78
Connellsville[2]	Fayette	1.04					.07	1.18		.18							.39								.53	.59	.03						4.01
Donora[1]	Washington						1.43	.48	.02							.01								.22	.66	.03						2.85
Greensboro[2]	Greene	.06					1.09	.58					.03				.13								.58	.15	.06						2.68
Greensburg, 2 S	W'moreland	.09					1.49	24	.30				.03			T.								.03	1.16		.01						3.35
Irwin	W'moreland	.54	.18				1.12	.25	.01	.08			.16			T.								T.	.77	T	.06				T.		3.17
Meyersdale[2]	Somerset	.51					.09	.64																	1.62	.45	.20						3.51
Murrysville // [1, 5]	W'moreland	.08					.90		.05				.21												.73		.04						2.44
Newell[7]	Fayette						.98	.40		.11						.18								.25	.65	.18						2.32
Pittsburgh Arpt. // [1, 5]	Allegheny	.37	.01			T.	1.19	T.	T.			.02	.17			.11							T.	.24	.29	.10				T.		2.50
Rices Landing[2]	Greene	.40					.13	.34					.01				.14								.58	.16							1.76
Somerset	Somerset	.23					.93	.37	.33			T.	.01			.12								.12	2.12	.13						4.36
Springs[6], 1 SW	Somerset	.53		.02			.72	.19	.01			T.				.07	T.							.23	2.62	.08	.07					4.54
Uniontown	Fayette	.12					.57	.30					.05			.31								.27	.96	.05						2.63
Waynesburg	Greene						.35	.19					.27			.05								.06	.49		.56					1.97
BEAVER																																	
Beaver Falls[2]	Beaver	.15					T.	.19	.05	T.						.29	T.							T.	.08	.02						0.78
Butler	Butler	.41	.01	.36			.72		.14	.13						.40									.09		.17						2.26
Farrell[2]	Mercer	.87	.10				.36	.04	.72							.83											.17						3.09
Greenville	Mercer	.01					1.08	.25								.37									.06	.17	.07						2.01
Jamestown[2], 2 NW	Mercer	.43	T.				1.14	.32	.50					.18		.23	.01								.06		.62						3.49
Mercer Arpt.[1], 2.5 NE	Mercer					.04	.92	.27							.51	.23									.03	.17							2.20
New Castle, 1.5 N	Lawrence	T.					.67	.16								1.10								T.	T.	.37	.02					.03	2.32
Pennline . [2], 1 S	Crawford	.07	T.				.82	.28	.11					.03		.48									.04	.05	.31						2.19
OHIO																																	
Claysville[2]	Washington	.62	.95				.69	.87	.12	.08						T.	.04								.29	.06							3.72
Coraopolis[2], 1 E	Allegheny	.37	.28	.02			.20	.16	.05				.20			.62									.14	T.							2.04
Midland[2]	Beaver	.49	.38	.03			.68	.27	.07				.07			.56								T.	.06		.21						2.82
Mt. Lebanon[6]	Allegheny		.04			T.	.48	.29	T.				.44			.04								.16	.28	.09						1.82
Washington[1, 5]	Washington		.06				1.50	.04				13	.06											•	.39							$2.18
LAKE DRAINAGE																																	
Albion[2]	Erie																																
Erie[1, 5]	Erie	.06				T.	.64	.29					T.		.89	T.								T.	.35					.03	T.		2.26
Raymond[1, 5]	Potter	.06					.30	.20					.06			.56								.12	.15	.14							1.59

[See page 64 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Hawley[2], 1 S	Evaporation	||||	.015	.087	.258	.180	.191	.136	.100	.932	.729	.174	.211	.160	.192	.159	.123	.174	.193	.159	.171	.183	.181	.232	.064	††	.192	.149	.054	.227	.190	.181	7.878
	Wind movement	18	16	91	71	54	26	70	02	01	13	36	30	49	65	143	61	23	48	22	14	54	74	36	13	31	56	141	38	104	36	37	1453
Jamestown[2], 2 NW	Evaporation	.090	.094	.188	.162	.308	.138	.052	.102	.214	.182	.156	.098	.106	.170	.212	.242	.164	.170	.124	.184	.130	.180	.228	.096	.132	.118	.180	.122	.168	.170	.150	4.830
	Wind movement	15	8	23	43	27	25	12	22	37	17	19	13	12	23	71	31	20	20	5	20	25	30	37	29	32	63	25	20	35	28	21	808
Neffs Mills[2], 3.5 NE	Evaporation	.012	.160	.120	.310	.240	.172	.058	.108	.204	.226	.192	.172	.122	.182	.164	.200	.180	.128	.026	.160	.182	.158	.270	.120	.357	.128	.260	.134	.088	.288	.146	5.267
	Wind movement	7	5	4	33	33	−0	22	4	27	14	6	4	16	2	16	28	6	6	1	5	4	13	25	25	10	59	58	22	15	10	20	500

|||| 1.288 †† 2.051 *Italics* mean minus quantity. [See page 64 for explanation of other references.]

Daily Temperatures for August 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion[6]	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Allentown Arpt.[1-4 NE]	Maximum	71	84	90	82	80	73	81	76	83	85	89	85	85	86	80	80	82	83	86	88	88	88	72	61	74	69	78	88	92	91	90	81.9
	Minimum	64	63	63	58	56	63	62	60	60	56	59	60	63	66	59	49	56	55	58	61	68	64	61	54	54	54	50	54	58	65	65	59.2
Allentown /.	Maximum	72	82	90	82	79	74	82	77	81	85	88	86	85	86	80	78	80	82	85	87	88	88	73	66	73	69	77	87	91	91	90	81.7
	Minimum	65	65	67	57	54	57	64	60	62	57	58	60	61	65	71	48	53	54	57	60	63	67	64	56	53	54	52	54	58	64	65	59.5
Altoona-4.5 W.	Maximum	73	83	84	79	76	76	79	80	81	84	85	84	85	84	82	74	78	80	83	85	88	85	81	66	74	69	75	88	89	91	89	81 0
	Minimum	64	67	65	49	50	60	62	51	49	54	56	61	58	64	66	46	56	57	56	57	60	62	61	56	54	51	43	55	60	64	59	57.2
Arendtsville[6]	Maximum	82	84	91	83	81	82	85	79	84	86	89	83	88	88	82	77	78	80	83	87	89	90	71	64	79	73	80	89	90	92	88	83.1
	Minimum	65	65	65	55	55	64	61	58	59	56	57	61	61	64	66	52	53	58	58	60	55	64	63	57	56	56	44	51	60	64	60	58.8
Berwick/.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Bethlehem[1]	Maximum	68	80	89	80	78	73	79	74	76	85	87	84	85	84	77	78	78	80	83	87	87	89	71	61	72	65	73	88	93	92	91	80.2
	Minimum	64	64	66	60	55	62	63	59	62	56	62	62	64	68	59	50	56	55	58	62	67	70	61	52	52	54	54	54	64	70	68	60.4
Bradford-4 W.	Maximum	80	83	83	72	77	74	70	76	74	80	83	78	84	84	84	72	76	79	83	84	84	81	68	89	70	78	81	72	84	84	85	79.1
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Brookville[1].	Maximum	78	87	78	76	80	71	76	75	81	84	84	80	86	87	74	75	80	80	87	88	87	82	69	63	75	68	74	89	87	89	89	80.0
	Minimum	62	65	52	45	45	59	58	50	48	51	51	61	55	60	50	44	50	49	52	54	57	62	58	56	53	48	36	48	52	59	55	53.1
Burnt Cabins[1-2 NE]	Maximum	81	87	92	81	82	85	86	78	83	88	89	88	89	90	81	80	84	86	90	91	92	89	73	61	80	72	81	90	92	94	90	84.7
	Minimum	63	69	65	50	48	65	61	52	50	52	55	64	61	64	64	57	45	48	56	60	57	56	59	61	56	55	54	41	49	60	63	57	56.5
Butler.	Maximum	84	90	92	92	82	88	88	80	82	85	89	87	89	88	89	77	80	83	90	91	90	91	83	71	77	78	75	85	92	92	94	85.6
	Minimum	61	63	62	62	47	40	37	53	48	58	58	58	57	58	63	44	56	45	45	54	60	63	61	60	50	50	37	48	54	60	58	53.9
Canton /-1 NW.	Maximum	77	78	81	75	78	68	74	77	83	84	86	79	83	81	78	76	79	80	85	87	90	83	71	58	73	63	76	78	88	89	89	78 9
	Minimum	63	64	64	50	47	52	59	56	51	54	56	61	61	64	61	44	49	51	56	57	62	63	56	55	51	50	44	49	55	61	61	55.7
Carlisle.	Maximum	80	80	90	85	79	77	82	78	81	83	86	83	86	85	82	78	78	80	84	85	87	86	82	67	74	74	76	86	89	92	90	82.1
	Minimum	68	66	68	58	55	65	63	57	58	57	60	63	59	60	54	45	46	55	58	57	56	63	60	53	53	51	47	60	55	62	66	58.0
Chambersburg[6-1 SW]	Maximum	81	86	90	83	82	83	85	82	85	86	88	86	86	87	83	79	83	83	85	88	91	91	74	64	79	75	80	91	92	93	89	84.1
	Minimum	65	68	68	52	52	65	63	56	54	54	58	63	62	64	67	51	52	60	58	59	57	62	63	56	56	56	47	52	59	63	58	58.7
Clarion[6-3 SW]	Maximum	83	91	91	77	82	76	75	81	83	84	86	82	87	89	83	78	82	83	88	89	89	83	85	67	77	70	78	90	91	93	92	83.4
	Minimum	63	65	58	46	47	60	58	51	49	51	53	62	57	60	61	43	50	50	54	57	60	61	58	57	52	51	38	57	52	59	55	54.7
Claysville /.	Maximum	81	88	81	77	80	82	80	80	82	84	85	83	87	86	77	76	84	88	87	87	89	81	71	78	78	71	79	89	89	91	93	82.7
	Minimum	65	68	64	46	47	63	59	56	49	49	52	57	59	59	64	43	44	50	60	57	58	58	60	59	57	46	37	38	55	58	60	54.7
Coalport /.	Maximum	89	85	79	80	82	73	79	81	85	87	86	82	85	88	79	78	81	86	86	89	90	88	72	60	76	70	76	85	84	91	91	82 0
	Minimum	65	65	46	45	44	56	60	50	50	50	48	50	57	55	60	45	49	52	52	55	55	57	59	57	55	52	38	37	42	47	54	54	52.2
Coatesville[6]	Maximum	80	88	93	82	81	76	85	78	83	88	90	88	89	88	82	80	82	86	87	89	92	77	62	67	71	76	87	92	93	90	91	83.5
	Minimum	67	66	70	56	59	64	64	59	61	59	62	62	66	68	68	53	57	55	57	60	67	70	61	57	54	54	53	54	61	68	65	61.2
Columbia.	Maximum	84	86	96	85	84	78	85	82	84	88	91	86	89	88	82	80	84	84	88	90	90	93	88	66	79	75	80	90	94	95	91	85.6
	Minimum	67	67	68	54	54	65	68	58	57	60	60	62	64	67	69	50	54	58	60	62	60	64	63	58	55	55	49	51	58	65	63	60.2
Corry.	Maximum	84	87	80	75	77	69	72	78	81	81	85	83	87	88	83	74	80	83	86	88	88	80	69	73	70	67	74	86	87	89	90	80.5
	Minimum	61	68	58	40	44	57	56	46	44	46	47	63	55	65	59	42	47	48	53	50	54	59	62	60	52	58	54	50	38	46	50	53	52.2
Coudersport.	Maximum	79	85	88	73	77	74	72	77	80	81	84	81	85	85	84	74	78	81	85	86	88	85	77	75	78	65	70	87	86	88	89	80.5
	Minimum	59	65	59	42	44	48	56	46	44	47	49	56	51	57	57	39	43	46	49	53	55	58	57	52	55	44	36	45	46	57	56	50.7
Curwensville[1-6 NW]	Maximum	74	82	76	72	74	66	75	75	75	79	81	74	82	82	74	72	74	78	81	82	82	80	67	57	73	65	69	82	82	83	85	75.9
	Minimum	62	65	48	46	50	56	54	51	57	53	57	61	58	62	50	44	51	53	57	59	61	60	55	52	49	45	39	54	58	60	55	54.3
Derry.	Maximum	78	89	81	78	83	79	82	79	83	84	83	84	91	90	81	76	84	83	83	90	89	85	78	64	80	72	77	90	90	92	89	82.8
	Minimum	61	68	67	49	52	65	65	54	50	53	55	64	62	63	63	45	54	53	54	59	62	60	62	58	59	51	43	50	63	64	58	57.6
Donegal[1].	Maximum	79	85	82	75	79	80	78	75	78	82	86	80	84	83	75	74	79	82	86	85	86	79	68	62	76	66	70	85	85	86	88	79.3
	Minimum	61	62	59	42	46	60	60	51	44	47	49	60	55	59	56	40	50	47	49	54	55	56	58	56	52	45	35	49	58	59	57	52.6
Donora[1].	Maximum	80	93	86	80	84	86	85	83	84	84	90	87	90	90	81	78	82	85	89	89	91	86	74	68	82	74	81	92	93	94	96	85.1
	Minimum	71	71	65	58	55	69	66	63	55	57	60	68	63	71	63	50	57	58	59	62	66	65	63	62	58	54	46	59	65	67	64	61.5
Eagles Mere /.	Maximum	77	79	84	72	77	70	73	76	77	87	85	80	80	77	76	75	77	77	80	81	85	80	75	56	60	60	77	80	82	85	80	76.8
	Minimum	63	61	61	51	51	53	57	54	54	54	59	63	63	63	65	47	47	55	57	59	62	63	55	53	53	48	44	44	55	60	60	55.9
East Waterford[6-3 E]	Maximum	72	77	83	76	75	71	78	73	78	80	81	76	77	79	74	74	76	75	77	80	84	83	71	59	72	65	71	84	84	86	83	76.6
	Minimum	62	62	68	55	55	60	60	54	58	60	67	64	63	65	64	51	56	59	62	65	66	68	58	52	52	51	48	63	69	69	60	60.2
Ebensburg /.	Maximum	75	85	78	72	71	73	75	75	76	78	82	82	84	84	71	71	78	80	84	84	84	79	66	68	72	65	72	81	85	90	89	77.7
	Minimum	61	64	63	48	49	52	60	49	43	48	50	60	58	61	62	42	47	49	52	53	54	62	59	54	52	49	42	40	61	63	56	53.6
Emporium /-1 E.	Maximum	80	88	82	75	79	68	78	81	83	87	87	85	88	89	75	79	82	84	88	88	89	84	71	72	77	68	75	90	90	91	92	82.1
	Minimum	64	67	63	48	49	49	61	52	51	52	57	52	58	59	63	46	47	51	56	59	59	60	55	57	56	52	41	43	49	52	60	54.5
Ephrata.	Maximum	81	85	92	88	81	78	83	78	83	86	89	86	87	86	83	78	82	82	87	88	89	90	86	67	76	76	77	88	91	93	89	84.0
	Minimum	68	65	71	56	55	67	63	58	63	56	60	64	63	69	71	50	54	58	60	69	62	66	62	57	54	54	49	53	59	66	63	60.8
Erie[1].	Maximum	84	84	74	75	79	70	70	78	79	80	87	87	91	90	70	73	76	82	81	86	85	74	74	75	70	68	75	86	86	86	87	79.4
	Minimum	70	72	66	64	59	60	63	60	62	63	64	70	69	69	64	56	59	63	63	64	70	65	62	62	59	56	52	67	69	67	71	63.9
Everett[1-0.5 SW]	Maximum	80	88	88	81	79	83	80	80	83	88	88	84	87	89	80	82	83	85	88	84	91	90	71	63	83	72	79	92	91	91	88	83.6
	Minimum	65	69	64	51	49	63	60	54	51	52	54	63	57	51	48	50	51	57	57	59	56	59	60	57	57	56	44	46	58	60	58	56.0
Farrell.	Maximum	89	92	91	79	87	81	78	82	84	85	91	90	94	94	91	78	83	87	89	91	93	93	79	79	77	72	84	95	94	95	95	86.8
	Minimum	70	73	60	53	56	63	62	61	54	57	61	70	64	71	59	52	59	56	61	62	64	67	62	62	58	52	43	59	61	66	66	60.8
Ford City /-4 S.	Maximum	79	89	81	78	81	76	80	81	82	85	88	83	87	88	77	81	79	83	88	87	90	85	71	64	78	70	76	91	90	91	90	82.2
	Minimum	65	67	62	50	50	52	61	55	52	53	56	57	59	60	64	48	51	53	54	57	59	61	64	59	57	52	41	43	52	57	57	55.7
Franklin /.	Maximum	80	90	78	76	80	75	77	80	82	85	86	82	86	87	74	77	80	88	88	89	90	82	73	67	73	69	76	89	90	91	91	81.6
	Minimum	66	68	62	49	49	51	60	55	53	53	54	55	59	60	63	48	48	53	53	58	59	61	58	59	54	53	41	41	52	55	59	55.1
Fredericksville-1 S.	Maximum	70	82	83	79	78	72	79	75	80	82	85	83	83	84	79	75	78	80	84	85	85	85	69	65	72	66	74	84	87	88	85	79.2
	Minimum	64	64	66	50	48	58	61	58	59	51	56	57	58	61	60	46	49	50	53	53	57	61	59	56	52	56	45	48	55	62	59	55.9
Freeland.	Maximum	67	76	80	74	74	70	72	72	74	80	83	79	80	79	76	74	75	76	80	82	83	81	69	62	68	60	72	82	83	84	86	75.9
	Minimum	61	60	65	52	51	56	58	55	56	56	62	61	64	65	60	48	52	55	58	62	65	64	57	50	49	49	45	57	57	63	60	57.2
George School[6].	Maximum	73	82	90	81	80	74	83	77	81	86	90	86	87	87	85	79	80	83	85	87	88	88	75	63	74	70	77	86	90	91	89	82.2
	Minimum	67	64	69	56	55	58	61	62	59	55	60	61	69	67	69	52	56	54	57	57	65	67	61	56	53	55	53	53	61	67	68	60.2
Gettysburg.	Maximum	80	79	88	85	80	78	84	77	82	82	85	83	85	85	83	75	77	79	82	85	87	90	87	67	76	76	77	87	90	91	88	82 3
	Minimum	68	68	71	58	57	67	66	60	60	58	61	64	65	66	71	55	55	62	60	61	61	66	64	59	57	56	52	55	60	65	64	61.7
Gordon.	Maximum	72	82	86	77	80	74	80	78	81	83	87	83	85	85	81	75	82	77	84	85	87	85	82	65	72	70	75	86	88	87	88	80.7
	Minimum	65	64	65	50	47	60	60	53	56	50	56	56	60	62	67	44	47	56	53	56	55	59	60	55	52	51	44	47	53	61	57	55.5
Greensburg-2 S.	Maximum	77	88	86	78	83	81	80	80	82	84	86	84	89	87	83	75	81	83	87	88	88	85	82	66	79	75	76	88	89	90	90	82.9
	Minimum	61	64	66	43	45	66	62	54	48	48	56	62	66	59	65	54	59	50	50	53	55	56	61	59	60	52	35	43	57	57	54	55.5
Hanover /.	Maximum	82	83	91	81	83	80	86	79	84	85	88	83	85	88	88	76	79	82	84	85	86	90	64	61	77	77	78	87	90	93	88	82.7
	Minimum	66	68	69	58	58	65	65	59	61	59	64	65	69	70	72	57	57	61	61	64	64	66	64	58	57	54	49	53	61	69	64	62.2
Harrisburg Arpt. [1-3.5 S.	Maximum	81	84	89	80	84	77	82	79	80	89	90	85	88	89	78	78	81	82	86	90	89	88	73	61	77	71	78	90	92	93	90	83.0
	Minimum	67	67	70	57	55	66	64	61	61	59	62	64	66	67	62	54	54	61	61	63	62	69	61	57	55	53	52	53	61	67	63	61.1
Hawley-0.5 E.	Maximum	72	79	88	77	79	64	79	77	78	85	88	84	85	85	75	78	82	85	85	89	90	86	71	64	73	60	74	89	89	90	92	80.4
	Minimum	61	63	61	48	46	58	59	56	55	51	55	56	54	59	57	43	46	50	57	56	57	61	56	53	52	50	47	49	53	61	60	54.5
Hewitt-2 SW.	Maximum	79	85	89	86	80	86	85	81	83	85	87	83	85	90	82	87	80	83	85	86	89	88	73	76	82	72	79	89	90	90	89	84.0
	Minimum	64	68	67	50	47	64	60	51	48	47	49	60	55	60	65	46	50	56	55	55	58	59	55	55	55	39	44	60	56	56	53	55.1
Holtwood[1].	Maximum	83	86	91	81	79	82	84	80	81	85	87	86	87	85	85	78	82	82	88	88	90	88	73	64	81	72	90	77	91	90	91	83.5
	Minimum	72	69	71	60	61	70	66	64	64	63	66	65	70	73	64	59	61	63	65	66	68	70	64	61	59	61	64	58	68	69	68	64.9
Huntingdon.	Maximum	77	86	87	80	81	76	83	80	83	85	89	85	88	89	81	78	83	85	89	92	90	77	66	82	72	78	90	90	91	90	83.6
	Minimum	66	68	67	49	50	64	59	52	52	52	58	63	58	62	70	46	49	58	59	50	58	58	62	58	57	57	42	47	55	63	59	57.4

Continued on page 63.

Daily Temperatures for August 1945—Continued from page 62.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum																																
	Minimum	65	67	68	55	52	62	62	55	60	54	60	63	62	65	63	45	55	55	59	59	62	62	67	58	59	56	41	52	61	64	60	§§
Irwin	Maximum	82	89	88	82	85	88	81	82	88	87	87	89	90	90	87	86	81	82	88	89	90	88	85	69	79	75	78	90	90	92	93	59.0
	Minimum	65	69	66	48	50	66	63	58	51	53	55	60	62	65	64	45	53	52	54	60	62	61	63	59	59	54	40	54	63	64	59	85.2
Jamestown/-2 NW	Maximum	85	90	76	76	81	75	73	78	80	82	84	84	87	87	79	73	77	82	84	88	88	76	72	73	72	68	78	88	87	90	90	58.0
	Minimum	65	68	61	46	47	58	57	54	48	52	55	62	61	65	62	46	52	52	52	56	59	63	57	59	56	52	38	43	54	60	61	80.7
Johnstown/	Maximum	81	92	88	80	83	81	76	81	85	87	90	87	90	90	80	81	86	88	87	92	90	86	72	65	80	71	79	90	91	93	92	55.5
	Minimum	66	67	68	52	52	66	55	56	54	54	56	61	60	63	67	49	53	56	56	60	60	61	64	59	59	55	43	50	57	65	59	84.3
Kane[1]-1 N	Maximum	79	85	75	72	74	67	72	76	78	80	82	79	85	83	75	74	77	80	84	85	85	78	68	62	73	64	70	85	84	86	87	58 5
	Minimum	59	60	45	38	39	57	54	48	42	44	44	57	53	56	43	35	42	44	46	48	53	55	50	56	54	39	35	44	46	52	51	77.5
Lancaster	Maximum	80	83	90	88	84	79	80	81	81	82	86	85	85	84	83	79	76	81	84	82	86	88	86	70	75	73	76	86	88	88	87	48.0
	Minimum	67	65	68	54	52	64	61	56	61	56	57	59	60	63	68	50	53	54	57	58	58	62	60	56	54	51	47	49	55	62	61	82.5
Lawrenceville	Maximum	79	84	82	77	81	74	72	78	85	85	89	87	90	88	82	75	83	85	90	90	92	85	75	67	78	65	77	89	92	92	83	58.0
	Minimum	67	67	64	48	48	60	58	53	49	54	58	59	57	62	62	45	50	58	55	59	59	63	55	58	56	52	41	54	52	59	60	82.3
Lebanon /	Maximum	80	85	95	84	81	76	83	80	81	87	90	85	88	87	78	79	83	83	88	90	90	89	71	59	75	70	79	88	93	94	90	56.2
	Minimum	67	66	68	56	54	58	62	58	58	57	58	60	64	68	69	50	55	60	60	62	62	66	63	59	54	54	48	53	60	61	62	83.3
Lewistown/-2 SW	Maximum	78	84	84	82	83	78	81	82	83	87	88	85	88	85	88	85	88	85	87	88	88	85	87	88	85	83	87	88	93	94	90	59.7
	Minimum	66	67	67	53	52	51	54	55	53	53	55	59	57	62	64	49	49	53	61	60	59	59	64	59	56	57	45	46	51	59	61	83.3
Lock Haven[6]	Maximum	78	87	86	81	80	71	79	83	87	88	90	85	90	89	82	80	85	85	89	91	92	89	76	68	80	72	77	91	91	93	93	84.1
	Minimum	65	68	68	51	51	62	62	59	53	53	62	63	61	63	69	48	53	56	60	60	61	64	62	58	56	54	42	50	58	64	61	58.4
Marcus Hook[1]	Maximum	76	85	92	85	85	81	88	82	83	92	96	92	92	90	92	80	80	87	86	91	92	96	78	66	75	75	80	90	97	99	95	§86.4
	Minimum	68	66	71	62	61	70	68	64	64	62	70	68	71	71	64	58	62	64	63	65	71	74	63	58	55	63	55	63	69	75	71	§65.5
Martinsburg[1]	Maximum	75	83	83	75	76	79	78	76	81	82	83	81	84	85	77	75	80	82	85	85	86	86	75	61	77	68	74	86	85	87	88	79.9
	Minimum	64	69	61	54	51	65	62	53	52	54	56	65	60	65	65	48	52	55	59	59	62	64	61	55	54	53	46	55	62	65	58	58.2
Mauch Chunk-1 SW	Maximum	69	79	86	82	77	71	80	75	76	84	85	82	82	82	78	75	77	79	82	84	85	85	81	56	69	69	71	82	85	87	87	§78.8
	Minimum	64	63	62	51	49	57	58	56	68	67	71	56	60	64	59	51	46	49	55	55	57	59	57	54	53	52	50	48	53	59	58	§56.8
Meadville /-1 S	Maximum	86	90	75	75	79	72	75	78	81	82	86	86	88	88	72	76	81	84	87	88	89	78	73	73	72	67	78	88	88	90	91	81.2
	Minimum	66	68	58	46	48	59	58	52	48	50	51	58	58	63	61	46	47	47	55	53	58	60	58	59	56	51	38	43	43	58	60	54.1
Mercer[1]-2.5 NE	Maximum	83	89	76	76	80	74	77	78	80	82	86	83	88	89	72	74	79	82	85	87	88	78	72	71	72	67	80	90	88	90	92	80.9
	Minimum	66	67	49	45	51	59	60	53	51	52	58	64	61	65	50	46	53	52	55	60	61	60	58	55	50	41	37	54	57	59	60	55.1
Middletown[1]-1.5 W	Maximum	82	82	89	81	80	77	80	79	81	84	89	84	85	86	80	76	80	82	84	87	87	86	72	61	74	71	76	88	90	93	88	81.7
	Minimum	66	66	65	56	53	65	62	57	60	56	60	65	64	66	60	50	52	58	60	62	61	66	61	55	55	55	53	52	59	65	63	59.6
Midland[6]	Maximum	89	90	81	79	83	78	81	80	83	85	87	84	90	89	77	75	81	83	87	88	89	81	72	73	79	71	78	89	90	91	94	83.1
	Minimum	69	71	65	53	54	63	63	61	54	57	60	65	63	66	59	50	56	56	60	64	66	64	62	60	59	53	47	53	59	64	62	59.9
Montrose/-3 E	Maximum	72	76	80	72	75	63	70	74	81	82	85	78	81	80	67	71	77	81	89	91	91	74	62	66	64	62	60	59	53	47	53	59.4
	Minimum	62	61	63	52	50	53	56	56	56	55	57	61	60	62	60	46	50	56	58	60	61	62	53	53	50	50	48	50	55	62	61	61.9
Mt. Lebanon[6]	Maximum	78	90	81	78	83	81	82	79	81	80	87	83	88	88	77	76	78	82	87	88	91	83	70	65	79	71	77	92	91	94	93	§75.8
	Minimum	68	71	64	53	54	64	63	63	53	57	60	62	64	67	62	47	54	54	58	63	65	63	61	60	53	50	43	54	63	64	63	§56.1
Mt. Pocono[1]-2 N	Maximum	66	74	81	72	74	66	73	69	74	79	82	77	78	78	71	72	75	76	80	80	82	79	67	57	68	56	69	82	84	84	85	59.4
	Minimum	60	60	54	49	46	57	58	55	55	53	53	58	56	62	51	43	47	51	53	55	60	61	57	50	50	50	48	53	60	62	62	74.5
New Bloomfield	Maximum	80	82	83	89	81	77	80	79	82	85	87	84	86	87	80	78	81	81	86	87	89	88	82	67	75	75	77	88	90	91	90	54.5
	Minimum	63	64	50	54	49	63	60	52	53	53	55	60	60	60	58	45	47	57	54	55	55	60	61	55	54	50	46	46	55	61	66	82.7
Newburg[1]-3.5 NW	Maximum	84	86	90	82	82	80	85	82	84	88	90	86	88	88	82	80	82	85	89	91	91	74	78	62	66	70	88	88	88	88	90	55.5
	Minimum	64	66	68	56	52	62	60	56	56	56	58	63	62	65	60	48	52	58	58	60	59	62	62	56	56	58	52	54	60	64	60	83.5
New Castle-1.5 N	Maximum	84	92	80	79	82	82	79	80	85	86	87	86	91	91	75	78	81	84	88	91	90	80	83	82	84	81	65	75	77	87	91	58.8
	Minimum	68	69	67	49	50	62	58	56	50	52	55	64	59	60	63	49	53	52	56	59	60	62	58	57	53	52	39	53	58	64	63	84.3
Palmerton[1]	Maximum	70	79	87	78	78	70	78	71	87	83	84	82	83	83	76	77	79	79	83	83	87	85	72	63	70	65	76	85	90	90	97	79.7
	Minimum	65	61	63	54	54	64	63	60	60	57	58	60	62	72	54	48	54	56	59	66	61	64	62	54	54	50	48	53	58	64	63	58.7
Park Place[1]-1 NW	Maximum	65	76	81	75	75	68	74	72	75	80	80	80	80	78	72	71	73	75	80	80	84	79	67	59	67	60	70	81	85	85	85	75.2
	Minimum	61	61	66	52	52	57	58	54	56	58	61	62	65	64	59	45	55	56	60	62	63	55	52	50	49	50	46	57	65	68	61	57.7
Philadelphia Arpt.[1]	Maximum	74	84	88	81	81	75	83	78	80	86	88	86	86	87	86	80	80	83	85	87	88	90	73	62	76	70	77	86	91	92	91	82.4
	Minimum	66	67	66	57	57	65	63	62	60	57	61	62	64	66	62	52	56	56	58	57	64	66	62	57	54	55	54	54	64	68	70	60.7
Philadelphia C.O.[1]	Maximum	74	83	88	82	80	77	82	79	81	86	86	87	86	86	85	78	80	82	85	87	87	91	76	64	74	70	79	86	91	95	89	82.5
	Minimum	68	68	70	66	63	68	68	66	66	64	67	69	70	71	66	58	65	64	66	66	69	72	63	58	55	60	57	61	67	73	73	65.7
Phila. Shawmont	Maximum	74	82	92	87	81	80	83	82	82	89	88	87	86	87	86	81	82	80	86	87	86	90	87	66	76	75	77	87	91	91	92	83.9
	Minimum	68	65	71	56	55	63	64	61	60	50	61	62	65	67	69	53	57	56	56	58	63	66	65	57	55	58	51	53	60	67	66	60.6
Philipsburg[1]-7 E	Maximum	72	81	79	74	75	68	74	76	79	80	82	75	82	82	74	73	76	78	83	82	84	81	65	57	74	66	71	83	84	85	86	76.8
	Minimum	64	65	50	45	40	56	54	44	40	43	48	59	60	63	47	35	45	48	50	52	55	53	57	52	52	46	41	49	60	57	54	51.1
Phoenixville-1.5 SE	Maximum	81	90	97	86	86	83	90	85	83	90	95	88	91	91	90	80	85	84	90	91	92	97	86	74	81	82	84	90	97	97	99	88.2
	Minimum	68	67	71	53	51	62	62	57	59	54	57	60	61	64	69	48	62	42	55	56	60	63	64	57	55	52	48	50	57	65	54	58.2
Pittsburgh Arpt Sta.[1]	Maximum	77	89	85	81	84	81	80	80	83	87	87	85	90	86	77	77	80	83	87	90	90	83	70	65	77	72	78	91	90	92	94	82.9
	Minimum	67	69	62	58	59	66	64	61	59	61	63	62	66	68	58	53	57	60	63	65	65	66	60	59	55	52	50	57	67	67	66	61.4
Pittsburgh City Office[1]	Maximum	79	92	83	80	84	83	83	81	84	87	88	84	89	87	79	77	81	82	86	89	92	85	72	67	79	71	78	92	92	93	93	83.6
	Minimum	71	73	65	58	59	65	67	64	60	61	64	68	66	72	61	55	61	60	62	65	70	68	62	62	59	56	49	62	67	70	67	63.5
Port Clinton/	Maximum	73	81	84	80	79	72	79	73	81	84	85	82	82	82	77	80	81	85	84	86	87	86	73	58	84	70	75	86	90	90	89	80.6
	Minimum	65	65	64	54	50	62	61	55	58	53	56	58	60	62	62	46	50	57	59	58	59	62	60	57	53	55	46	48	52	57	60	56.9
Putneyville-2.5 SE	Maximum	78	87	84	78	79	72	76	76	79	81	85	79	86	85	81	77	80	82	86	87	88	83	77	64	74	69	75	87	88	89	88	80.6
	Minimum	64	65	61	45	47	55	59	51	47	51	54	59	58	62	60	44	51	49	54	58	60	60	59	56	58	51	39	49	50	55	55	54.4
Quakertown-0.5 E	Maximum	71	80	90	84	78	74	81	75	81	84	87	84	84	84	82	75	77	80	84	86	86	86	82	76	66	72	70	84	87	89	88	80.9
	Minimum	66	64	72	55	50	61	60	62	59	51	55	57	59	76	67	66	67	50	52	55	66	60	63	62	61	61	49	50	55	72	79	60.7
Reading[1]	Maximum	78	85	92	82	81	76	81	78	81	86	89	86	88	87	81	79	81	83	86	88	89	91	73	63	74	70	77	89	92	93	90	82 9
	Minimum	67	68	68	62	58	66	65	61	63	60	65	66	67	70	62	54	57	59	61	61	67	70	63	56	55	56	54	58	64	71	67	62.6
Ridgway /	Maximum	72	88	81	77	79	70	77	81	83	85	87	61	87	87	76	79	81	84	88	89	90	84	70	63	76	69	75	88	89	89	92	80.5
	Minimum	59	60	59	44	45	46	57	50	49	49	51	52	54	54	59	43	44	46	49	51	53	56	49	49	53	50	39	39	46	42	54	50.0
Scranton[1]	Maximum	76	82	85	76	78	68	75	76	79	84	88	85	86	84	75	75	81	83	86	88	89	83	74	65	71	60	74	84	89	88	91	79.9
	Minimum	67	67	63	57	53	59	65	63	57	55	59	61	61	64	57	49	51	55	59	61	63	67	61	55	54	55	53	56	59	68	65	59.3
Selinsgrove	Maximum	78	80	80	81	78	73	79	79	82	86	87	82	84	84	80	77	80	80	84	86	88	87	83	72	72	70	76	78	85	91	88	81.0
	Minimum	66	66	67	51	57	63	59	53	54	53	59	61	59	62	68	46	48	57	58	58	59	67	60	56	54	53	43	53	50	60	58	57.4
Somerset	Maximum	82	86	83	77	79	79	78	76	79	82	84	80	84	85	80	76	79	81	83	86	85	82	78	60	75	68	79	84	84	87	88	80.3
	Minimum	61	61	62	48	48	63	60	49	44	46	48	59	52	59	62	40	48	47	47	52	50	59	58	56	57	50	35	42	54	57	52	52.1
Springs[6]-1 SW	Maximum	75	82	80	71	74	74	75	72	76	78	79	78	80	81	73	75	75	77	80	81	81	80	65	60	72	63	72	81	82	84	85	76.2
	Minimum	60	63	62	44	46	60	59	49	46	48	50	58	53	56	59	42	50	48	50	50	52	53	55	50	51	48	36	43	55	55	53	51.7
State College[1]	Maximum	77	85	84	77	82	72	79	78	85	87	89	83	87	86	78	78	82	84	86	89	90	88	70	60	77	69	75	87	87	91	91	81.7
	Minimum	66	67	61	57	51	60	60	54	52	54	59	64	71	56	47	58	58	59	64	65	68	60	55	55	54	45	59	66	67	61	59.4
Stroudsburg-2 E	Maximum	74	82	90	89	82	81	80	82	82	86	90	86	85	87	86	81	83	85	88	88	88	89	87	73	71	74	79	88	91	92	94	84.3
	Minimum	64	64	68	51	49	60	58	59	58	56	55	59	57	61	69	45	48	50	56	55	57	60	60	56	54	50	52	52	55	62	61	56.8
Tamarack /-2 S	Maximum	70	80	76	71	72	64	70	73	71	79	78	76	80	80	71	73	77	80	81	83	78	65	55	71	62	67	81	83	84	84	84	74.4
	Minimum	63	63	63	49	50	53	57	52	52	55	56	62	60	61	62	48	49	53	57	60	62	62	55	54	52	48	43	43	54	60	60	55.4
Tionesta /-1.5 SE	Maximum	80	88	76	75	80	70	74	80	80	83	85	83	86	85	72	80	80	80	86	88	88	81	70	70	75	69	74	87	87	88	90	80.3
	Minimum	64	66	61	50	49	60	58	54	50	50	53	55	56	58	61	47	51	48	54	58	59	61	55	59	56	52	40	42	53	58	57	54.7
Towanda-1 E	Maximum	79	84	85	77	80	68	76	79	85	87	88	84	86	86	80	76	82	82	88	89	92	82	74	68	77	64	77	87	92	91	91	81.8
	Minimum	67	66	65	51	50	60	60	58	53	54	56	57	56	61	56	45	46	52	57	58	59	61	58	56	55	51	45	53	52	62	59	56.1

Continued on page 64.

Daily Temperatures for August 1945—Continued from page 63.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum..	77	89	86	80	85	84	83	80	82	84	86	87	91	88	82	78	83	84	88	89	91	85	78	67	80	73	78	91	91	92	93	84.0
	Minimum..	70	69	71	52	55	68	66	60	53	55	57	65	61	65	64	49	57	55	57	60	61	63	62	61	61	50	43	52	64	64	62	59.7
Vandergrift[1]	Maximum..	80	91	86	81	82	79	81	82	84	88	90	84	93	90	81	80	83	86	91	90	93	87	72	65	79	75	80	93	93	93	94	84.7
	Minimum..	67	70	65	52	52	64	65	58	53	52	58	66	61	65	63	49	55	55	56	60	65	64	50	59	59	53	44	52	60	64	60	58.6
Warren	Maximum..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	§§
	Minimum..	63	66	59	49	50	60	60	55	52	54	54	60	60	64	60	48	50	53	56	58	61	60	54	59	56	51	43	49	53	60	58	56.0
Waynesburg	Maximum..	82	89	87	81	81	83	82	82	84	86	87	84	87	85	84	79	81	85	88	89	89	86	80	71	78	74	79	89	90	91	94	84.1
	Minimum..	69	71	68	48	51	65	64	60	50	52	55	63	59	64	63	47	53	52	53	57	58	60	63	60	60	50	38	50	60	60	61	57 5
Wellsboro/	Maximum..	78	84	82	75	80	68	74	78	84	86	89	85	87	86	73	77	81	85	89	89	89	82	73	62	73	65	78	86	89	91	92	81.0
	Minimum..	65	65	62	44	44	47	55	48	45	49	52	56	55	55	62	41	44	47	52	55	56	56	54	54	54	50	38	39	50	53	56	51.7
West Chester	Maximum..	75	82	90	80	79	75	82	78	80	85	87	86	86	86	83	76	79	82	84	87	87	90	78	63	76	70	76	86	91	92	90	82.0
	Minimum..	68	65	70	56	56	64	58	59	60	58	62	63	66	69	68	64	58	59	61	63	63	67	63	57	58	53	51	53	62	68	66	61.4
Wilkes-Barre[3]	Maximum..	77	82	87	79	82	66	76	76	80	83	89	86	87	85	86	76	82	85	88	88	89	86	75	67	71	62	74	86	89	90	90	81.3
	Minimum..	64	64	59	53	52	61	63	62	58	56	58	60	59	64	53	48	50	56	58	60	62	63	62	55	54	54	50	55	56	64	61	57.9
Williamsport Arpt.[1-4 E]	Maximum..	76	81	86	78	79	70	74	80	81	84	87	82	84	85	77	78	80	81	87	87	90	87	73	61	70	68	76	89	89	90	88	80.6
	Minimum..	69	69	62	53	51	64	59	57	54	56	59	64	61	63	55	49	52	56	61	61	61	62	61	57	56	54	48	51	55	64	61	58.2
Williamstown	Maximum..	77	82	87	86	82	74	80	79	81	85	87	83	85	87	84	78	82	82	84	86	88	87	86	65	73	69	75	87	85	90	91	§82.2
	Minimum..	66	65	64	51	50	61	62	51	55	53	54	59	59	62	62	44	46	52	52	55	56	59	62	55	53	52	50	47	55	60	71	§56.2
Woodward[1-2 NE]	Maximum..	72	76	80	74	75	65	79	73	77	79	81	78	82	81	73	71	76	76	80	83	85	81	64	57	72	64	68	83	85	85	85	76.2
	Minimum..	63	62	65	51	52	59	55	53	57	58	63	64	59	64	52	51	55	59	60	62	64	61	56	51	51	49	44	58	64	65	63	57.7
York-3 SW	Maximum..	82	86	93	84	85	85	85	82	83	89	91	89	87	91	90	80	84	84	89	89	89	92	90	68	81	81	80	89	92	96	97	86.5
	Minimum..	66	68	70	57	53	66	62	56	58	55	59	62	64	64	71	51	54	64	69	60	59	63	64	52	57	54	45	52	58	64	61	59.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.23	9	29.73	14	6.2	21	sw.	14	81	61	70	65	6
Harrisburg	30.26	30	29.69	25	6.0	23	sw.	25	83	56	67	68	9
Philadelphia	30.27	13	29.70	6	9.2	20	nw.	7	89	60	76	60	8
Philipsburg	30.25	31	29.76	6	6.7	24[a]	nw.	26	91	56	79	....	88
Pittsburgh	30.21	31	29.74	25	8.1	26	n.	7	82	47	58	60	7
Reading	30.24	13	29.71	6	8.2	29	nw.	26	81	53	52‡	58	8
Scranton	30.35	13	29.70	25	5.2	19§	se.	9	84	56†	....	45	20

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.4	5.5	1	2.3	20	18
Easton	Delaware	4.4	8.1	1	2.2	23	22
Lehighton	Lehigh	3.9	4.9	1	3.0	24	9
Reading	Schuylkill	5.1	7.3	26	4.0	22†	13
Wilkes-Barre	N. Br. Susquehanna	3.3	6.4	1	2.1	24	22
Williamsport	W. Br. Susquehanna	1.1	3.5	2	0.2	24	20
Newport	Juniata	4.0	5.8	26	3.2	23	22
Harrisburg	Susquehanna	3.8	4.7	1	3.3	23	17
Schenley, (nr) Lock No. 5.	Allegheny	12.2	13.3	3	11.7	24	24
Sutersville	Youghiogheny	3.4	5.8	25	2.4	23	20
Charleroi (nr.), Lock No. 4	Monongahela	12.3	17.0	26	10.8	23	30
Pittsburgh	Ohio	•	•	.....	•	.....	25
Midland, Dam No. 7	Ohio	•	•	.....	•	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Hawley, 1 S.	"	Wallenpaupack Dam (Evaporation)
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Shaver Creek (Evaporation)
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—10-26-45—975)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

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GENERAL SUMMARY.

Rain. Rain. Rain. Fourteen days with rain, and heavy amounts at that, made this September the third wettest since 1889 and also closed the growing season with the third highest total. Although the latter two values have been exceeded twice by slight amounts, the number of rainy days has not been, and the three values in combination just aren't experienced much wetter! Fortunately, the mean temperature (63.4°) for the growing season was only a half degree below the average. Substantial rain and normal temperatures favored crops. Early estimates of the Crop Reporting Service indicate that production and yield were generally above the 1934-43 year averages, only potatoes and fruits showing marked reductions due to weather causes. The rainiest area during the period April through September was Luzerne County. Wilkes-Barre received 192% of the normal precipitation; Scranton, in Lackawanna County, 171%. The least rain was received at Greenville, Mercer County, with 90% of normal, and at Somerset, 96%. The average for all areas was 125% and was exceeded only during the growing seasons of 1889 and 1933.

The majority of stations reported the highest temperature of the month on the first. Heavy thunderstorms were general that evening. Near Wilkes-Barre a young man was drowned in attempting to cross a foot bridge over a swollen stream. Water, wind, and lightning damage was general in that area from two storms. Two men were electrocuted in Lebanon County while trying to remove a fallen tree from the highway. The 2d to 8th was the driest period of the month, and the last two days of the period nearly as warm as the first, as some stations experienced their maxima for the month on these dates. A paradox to the theme of wet weather came from the small community of Avella, Washington County. Conditions there grew so acute that the rationing of water was required. Elsewhere in the County, farmers were reporting crops suffering from lack of moisture and extended heat. Storms on the 9th, 10th, and 11th replenished water supplies, soil moisture, and at a number of places caused additional damage by wind, lightning, and local flooding. This was particularly true in the vicinity of Ephrata and Pottstown.

Two tornadoes occurred on the 14th. The first formed in West Virginia about 3 p. m. and traveled into Aleppo Township, Greene County, causing $10,000 property and crop damage. The second occurrence was in the vicinity of Rockton, Clearfield County, about an hour later, causing some $30,000 property and crop damage. There were no personal injuries or deaths.

A northeaster, having an origin as a hurricane that caused extensive damage in Florida, produced strong winds and copious rains on the 17-19th. Threat of flooding ended when the streams in the eastern portion of the State crested under bankfull. As high pressure areas drifted eastward on the 22d and 30th, monthly minima were recorded. A few stations reported freezing temperatures and frost damage on the latter date.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 65.9°, which is 1.7° above the 58-year normal for September. The highest monthly mean was 73.2° at Marcus Hook, and the lowest was 59.4° at Kane. Extremes ranged from a maximum of 96° at Phoenixville on the 1st and at Farrell on the 6th and 7th, to a minimum of 29° at Coudersport and Wellsboro on the 30th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 200 stations, was 6.42 inches, which is 2.97 inches above the 58-year normal for September. The greatest monthly amount was 10.39 inches at Wilkes-Barre, while the least was 3.42 inches at Marcus Hook. The greatest amount recorded in any 24 consecutive hours was 3.90 inches at Coatesville on the 17-18th.

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	59.6	84	29	4.84	.....	10	8	11	11
1889	61.9	92	36	5.05	.....	13	8	8	14
1890	62.2	91	25	4.57	.....	11	10	9	11
1891	66.6	94	32	2.39	.....	7	17	8	5
1892	62.4	90	29	2.81	.....	7	16	7	7
1893	61.2	90	26	2.67	.....	8	9	12	9
1894	66.6	95	24	6.30	.....	10	10	10	10
1895	67.8	100	24	1.71	.....	6	16	9	5
1896	63.6	98	26	4.82	.....	10	13	8	9
1897	63.8	100	24	2.18	.....	5	18	7	5
1898	66.0	100	25	1.70	.....	6	16	8	6
1899	61.8	93	23	4.70	.....	10	12	9	9
1900	68.4	100	27	1.77	.....	6	13	10	7
1901	63.6	95	29	3.39	.....	9	14	7	9
1902	62.7	99	28	4.66	.....	11	12	8	10
1903	63.2	94	27	2.09	.....	6	17	8	5
1904	63.7	95	21	3.37	.....	9	13	10	7
1905	64.0	95	27	3.41	.....	7	15	9	6
1906	67.0	99	30	2.46	.....	7	15	9	6
1907	64.8	95	29	6.37	.....	14	8	10	12
1908	65.6	99	26	1.60	.....	3	17	9	4
1909	62.8	96	26	2.27	.....	6	15	9	6
1910	65.5	95	32	4.49	.....	10	13	8	9
1911	64.9	92	26	5.29	.....	10	13	9	8
1912	65.5	95	25	5.57	.....	12	12	7	11
1913	62.4	97	24	3.28	.....	8	13	7	10
1914	61.5	98	21	0.99	.....	5	18	7	5
1915	66.5	96	25	2.56	.....	8	16	9	5
1916	62.5	98	23	3.77	.....	8	17	8	5
1917	59.0	91	25	2.31	.....	6	16	9	5
1918	58.7	88	28	3.97	.....	10	12	8	10
1919	64.4	96	28	2.07	.....	8	16	8	6
1920	64.5	91	24	3.99	.....	9	16	8	6
1921	68.9	98	31	4.68	.....	11	13	9	8
1922	66.3	100	22	1.48	.....	4	19	7	4
1923	64.8	92	22	3.55	.....	10	13	10	7
1924	59.8	99	26	6.44	.....	11	11	7	12
1925	67.5	99	24	2.80	.....	8	11	12	7
1926	64.2	99	26	5.81	.....	12	11	7	12
1927	64.9	97	27	2.08	.....	6	18	7	5
1928	60.4	94	25	2.33	.....	9	12	9	9
1929	65.7	101	24	3.71	.....	9	14	8	8
1930	67.8	101	27	2.45	.....	9	15	10	5
1931	69.1	104	29	3.15	.....	9	16	8	6
1932	65.2	105	23	1.45	.....	6	16	9	5
1933	66.3	98	32	4.66	.....	12	13	8	9
1934	66.4	94	31	6.58	.....	12	12	8	10
1935	62.2	95	24	3.51	.....	8	15	7	8
1936	66.5	96	28	2.17	.....	8	14	7	9
1937	61.5	97	25	1.90	.....	7	17	7	6
1938	62.0	95	26	4.74	.....	12	11	8	11
1939	65.9	101	27	2.95	.....	9	14	8	8
1940	61.4	95	21	3.41	.....	7	15	8	7
1941	66.0	98	24	1.33	.....	5	18	7	5
1942	63.7	96	19	4.38	.....	10	13	8	9
1943	61.4	102	18	0.72	.....	5	15	9	6
1944	63.4	100	23	3.85	.....	12	10	9	11
1945	65.9	96	29	6.42	.....	14	8	10	12
Period	64.2	105	18	3.45	.....	9	14	8	8

Climatological Data for September 1945

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	66.7	+1.9	89	1	45	22	5.33	+1.93	1.63	14–15	0	13	6	9	15	sw.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	64.6	+1.5	88	1	39	22	6.19	+3.12	2.17	17–18	0	13	15	8	7	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	66.6	.....	90	1	41	22	5.10	.....	1.75	18	0	11	8	7	15	s.	Penna. Turnpike Comm.
Carlisle	Cumberland	478	77	69.2	+3.7	86	8†	45	30	6.06	+2.60	1.91	17–18	0	10	14	7	9	se.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	67.6	+1.3	89	11	44	22	6.03	+2.94	1.83	17	0	11	13	9	8	s.	Charles A. Bender.
Coatesville	Chester	421	58	69.3	+3.0	92	6	46	22	6.71	+3.00	3.90	17–18	0	11	5	1	24	sw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	3	60.4	.....	83	8	32	30	7.21	.....	1.98	17–18	0	17	5	11	14	s.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	61.3	.....	85	1	30	30	7.33	.....	1.20	25–26	0	16	10	7	13	se.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	63.6	.....	83	8†	38	30	5.85	.....	3.12	17–18	0	12	7	7	16	s.	U. S. Weather Bureau.
Emporium 1 E	Cameron	1,100	59	64.1§	+2.6	90	7	32	30	7.32	+3.76	2.13	14	0	14	..	.....	.....		Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	69.3	+2.9	90	1	46	22†	9.10	+5.53	3.06	11	0	10	6	14	10	e.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	66.5	+3.5	93	1	41	22	6.15	+3.10	3.01	17–18	0	14	8	9	13	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	62.8§	+2.6	85	7†	36	30	5.62	+1.81	1.82	18–19	0	12	8	4	18	s.	Andrew B. Evansha.
George School	Bucks	184	39	69.1	+2.6	89	1	46	22†	5.83	+2.26	1.54	17–18	0	11	10	12	8	w.	George M. Hart.
Gettysburg	Adams	500	72	69.2	+3.1	88	1	46	30	5.55	+2.03	1.68	17–18	0	12	11	10	9	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	65.4	+3.0	90	8	38	30	6.55	+2.64	1.65	9–10	0	13	12	6	12	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	69.2	+1.5	90	1	48	30	3.58	+0.36	1.53	17–18	0	10	9	9	12	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	68.3	+2.5	90	8	45	30	5.41	+2.36	1.77	17–18	0	10	4	9	17	sw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	64.0	+2.9	89	7†	40	22†	6.54	+2.93	1.36	1	0	12	12	11	7	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	70.8	+1.7	90	1†	51	30	3.39	+1.04	1.22	17–18	0	11	5	14	11	s.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	66.8	+2.2	92	1	40	22	8.10	+4.74	2.73	17–18	0	14	7	7	16	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	58	68.3	+2.6	88	1	44	22	4.16	+0.78	1.27	17–18	0	11	18	5	7	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	64.7	+2.8	94	7	32	3	5.69	+2.61	2.10	17–18	0	11	10	12	8	n.	Carlos P. Darling.
Lebanon	Lebanon	469	61	68.6	+2.8	90	1†	45	30	5.98	+2.51	1.27	24–25	0	13	15	7	8	sw.	Lebanon Valley Gas Co.
Lewistown-2 SW	Mifflin	580	7	66.2§	.....	93	1	40	30	8.25§	.....	2.68	17–18	0	16	10	12	8	.....	Penna. Dept. of Highways.
Lock Haven	Clinton	557	54	66.8	+2.0	91	1	35	30	6.14	+2.76	2.28	17–18	0	13	12	6	12	e.	William R. Kelley.
Marcus Hook‡‡	Delaware	12	19	73.2§	+2.5	95	1	50	30	3.42	+0.49	1.39	18	0	11	16	5	9	s.	Sun Oil Co.
Martinsburg	Blair	1,493	3	64.8	....	86	1†	41	30	6.02	.....	2.38	17–18	0	12	4	12	14	s.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	40	61.8	+1.3	86	7	32	30	5.04	+1.18	1.74	18–19	0	15	10	9	11	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	61.0	.....	85	7	38	30	5.20	.....	1.89	18–19	0	14	2	15	13	sw.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	65.1	+1.1	87	1	43	30	7.34	+3.62	3.68	9–10	0	12	11	4	15	sw.	New Jersey Zinc Co.
Philadelphia	Philadelphia	10	4	70.9	+2.9	90	1	49	30	3.96	+0.82	1.88	17–18	0	10	5	10	15	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	60.0	.....	85	1	33	22	7.83	.....	2.39	17–18	0	18	3	12	15	s.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	36	72.4	+5.2	96	1	42	22	4.97	+1.59	2.35	18–19	0	12	17	8	5	w.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	65.4	+0.2	86	1†	39	30	8.11	+4.06	2.90	9–10	0	14	15	1	14	n.	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	60	66.6	+2.7	87	1†	41	22	5.44	+1.79	1.27	11	0	15	11	8	11	nw.	John E. Benner.
Reading	Berks	273	75	69.2	+1.5	90	1	47	30	6.87	+3.66	3.05	17–18	0	12	4	14	12	se.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	66.0	+0.9	91	8	41	30	4.52	+1.35	1.07	1	0	14	8	10	12	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	66.4	+1.6	89	7	38	30	7.28	+3.85	2.08	9–10	0	13	8	12	10	sw.	Dr. George E. Fisher.
State College	Centre	1,217	60	65.0	+2.2	89	1	38	30	6.50	+3.48	1.96	17–18	0	15	7	12	11	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	67.5	+4.4	93	8	40	22	4.77	+1.15	1.09	14–15	0	11	11	5	14	nw.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	5	60.5	.....	83	1†	32	30	5.29	.....	1.45	17–18	0	15	3	16	11	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	65.2	+2.8	92	7†	32	30	5.01	+1.75	2.02	17–18	0	15	10	10	10	e.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	62.4	+2.5	94	8	29	30	5.04	+1.94	1.74	17–18	0	12	13	9	8	w.	M. S. Bliss.
West Chester	Chester	440	96	69.3	+3.6	89	1	47	22†	4.98	+1.12	2.97	17–18	0	13	8	12	10	sw.	Clyde T. Saylor.
Wilkes-Barre‡‡	Luzerne	544	7	65.8	.....	91	6	42	30	10.39	+6.92	2.73	1-2	0	14	9	6	15	n.	Civil Aeronautics Authority
Williamsport Apt.-4E	Lycoming	520	1	65.3	.....	89	1	36	30	6.36	.....	1.54	17–18	0	14	5	7	18	nw.	U. S. Weather Bureau.
Williamstown‡‡	Dauphin	775	29	69.0§	+4.0	88	1†	40	30	5.00	+1.00	1.00	17–18	0	13	8	14	8	.....	Gordon E. Lower.
Woodward-2 NE	Centre	2,191	4	61.9	.....	85	6	32	30	6.97	.....	2.34	17–18	0	16	6	12	12	s.	U. S. Weather Bureau.
York 3 SW	York	390	57	71.2	+4.7	92	1	48	30	3.91	+0.57	1.34	17–18	0	11	10	11	9	s.	York Water Co.
Division mean			....	**66.3**	.....	**96**	**1**	**29**	**30**	**5.99**	....	**3.90**	**17–18**	**0**	**13**	**9**	**9**	**12**	sw.	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	28	62.8§	+2.5	88	6†	.....	.....	5.88	+1.69	1.90	24–25	0	15	7	10	13	se.	City Water Dept.
Brookville	Jefferson	1,400	55	63.1	+2.7	86	1†	36	22	4.80	+1.64	1.80	17–18	0	13	6	10	14	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	32	67.3	+3.1	95	1	38	22	5.63	+2.50	1.50	17–18	0	16	7	16	7	se.	Butler Eagle.
Clarion‡‡-3 SW	Clarion	1,114	35	65.0	.....	90	1†	38	22	7.14	+3.63	1.53	17–18	0	19	5	9	16	e.	Penna. Electric Co.
Claysville	Washington	1,170	42	66.2	+0.6	90	7†	44	22	9.43	+6.19	1.53	23	0	14	10	8	12	s.	Walter B. Paget.
Corry	Erie	1,410	31	63.1	+2.0	88	5†	31	30	8.38	+4.40	1.96	27	0	16	9	14	7	sw.	J. Fred Kinley.
Coudersport‡‡	Potter	1,653	21	62.6	+2.5	88	1†	29	30	5.62	+2.46	2.64	14–15	0	15	8	8	14	s.	Potter Enterprise.
Derry	Westmoreland	1,150	48	68.5	+3.0	90	10	40	22	7.18	+4.02	1.37	17–18	0	14	8	14	8	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	63.0	.....	88	8	35	22	6.49	.....	1.44	23	0	16	8	18	4	s.	Penna. Turnpike Comm.
Donora‡‡	Washington	761	19	69.8	+1.7	92	7	48	22	8.12	+5.25	1.43	18	0	17	4	10	16	se.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	62.0	+0.8	86	1	37	22	6.05	+2.63	1.95	17–18	0	18	8	13	9	w.	Miss Emma H. Eastman.
Farrell	Mercer	855	32	70.5	+5.3	96	6†	42	3	5.49	+2.65	1.40	17–18	0	13	9	11	10	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	2	65.8	.....	89	1†	41	22†	7.92	.....	1.66	17–18	0	15	16	2	12	w.	U.S. Engineers.
Franklin	Venango	987	71	64.8	+2.1	90	7	37	30	7.92	+4.40	1.51	14	0	21	11	9	10	s.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	36	67.6	+2.2	90	7	37	22	7.37	+4.13	1.72	17–18	0	16	8	7	15	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	66.2§	+1.7	.....	.....	43	22†	7.60	+3.81	1.99	17–18	0	14	12	14	4	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	64.5	.....	90	6	35	30	7.47	+4.01	1.42	8–9	0	18	..	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	67.3	+1.9	90	1	41	30	5.61	+2.13	1.87	17–18	0	14	10	7	13	se.	Johnstown Tribune Pub. Co.
Kane-1 N	McKean	1,750	30	59.4	.....	86	7	30	30	7.04	+3.27	2.04	24	0	19	7	4	19	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	51	63.8	+1.7	91	7	34	30	6.51	+2.91	1.28	24	0	17	7	9	14	sw.	City of Meadville.
Midland	Beaver	780	9	67.4	.....	90	7	45	22	8.20	.....	1.43	13–14	0	16	7	10	13	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	67.4	+3.0	91	1	40	22	6.58	+3.50	1.46	8	0	13	4	16	10	n.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	67.4	+2.7	89	10	43	30	10.08	+7.50	1.69	13–14	0	16	4	11	15	s.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	64.6	.....	87	1†	36	22	7.13	.....	1.88	17–18	0	18	7	11	12	sw.	U.S. Engineers.
Ridgway	Elk	1,385	38	62.0	+2.0	89	7	34	30	9.03	+5.74	2.20	13–14	0	16	10	8	12	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	63.1	+2.4	85	1	35	22	6.32	+2.84	1.19	23	0	15	2	11	17	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	60.9	+1.0	82	1	36	22	9.64	+6.22	2.40	23	0	16	3	10	17	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	63.5	.....	88	7	30	30	6.31	.....	1.70	17–18	0	17	8	7	15	w.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	2	64.4	.....	90	7	31	30	8.03	....	1.76	17–18	0	18	3	21	6	se.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	69.6	+3.1	92	8	45	22	8.81	+5.59	1.91	23	0	16	7	16	7	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	67.9	+2.6	92	1†	42	22	8.01	+4.85	1.83	14	0	17	7	19	4		Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	57	64.1§	+1.9	.....	.....	33	30	6.16	+2.40	2.02	17–18	0	18	..	.....	.....	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	67.6	+1.8	91	8	44	22	9.03	+5.48	1.85	17–18	0	16	3	16	11	w.	Thomas S Knox.
Division mean				**65.2**	.....	**96**	**6†**	**29**	**30**	**7.30**	.....	**2.64**	**14–15**	**0**	**16**	**7**	**11**	**12**	sw.	
Lake Drainage																				
Albion	Erie	900	2	.....	.....	.....	.....	32	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles C. Gilbert.
Erie	Erie	705	72	66.6	+3.0	90	10	39	30	7.62	+4.23	2.03	17–18	0	18	6	12	12	se.	U. S. Weather Bureau.
State mean			....	**65.9**	**+1.7**	**96**	**1†**	**29**	**30**	**64.2**	**+2.97**	**3.90**	**17–18**	**0**	**14**	**8**	**10**	**12**	sw.	

[See page 72 for explanation of reference marks.]

Daily Precipitation for September 1945

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike		1.63								.75	.05	.20		.05	1.45	.06		.61	.68					.06		.27		.03		T		5.81
Hawley[2], 0.5 E	Wayne		1.36								.89	.28	1.04		.17	.23	T.		.67	.90	T.				.09	.01	.87		.03		T		6.54
Hollisterville[2]	Wayne		1.97								.89	.01	.38		.16	.31		T.	.61	1.01					.05		1.18		.03		.01		6.61
Lakeville[2], 1 N	Wayne		2.15								1.42	.02	.86		.19	.23			.69	1.01					.12	T.	.95		.04		T.		7.68
Matamoras[2]	Pike		.76								.07	.12	.34			.89	.12		.51	.93							.28						4.02
Mount Pocono[1], 2 N	Monroe	.30	.10							.08	.48	.54			.54	.13		.70	1.89	.01	T.			.04	T.	T.	.34	.01	.04				5.20
Pleasant Mount[1, 5], 1 W	Wayne	*	*	.48								*	*	*	*	*	*	1.59	1.21	*	*	*	*	*	.07	*	*	*	*	*	*		3.35
Stroudsburg, 2 E	Monroe		.67							T	.76	.24			.20	1.09		.35	.64	.62				.02	T.		.15		.03				4.77
Tanners Falls[1, 5], 1 SE	Wayne	.62	.57								.20	.35			.49	.01		.46	1.02					.04	.04	.27	.13		.05				4.25
LEHIGH																																	
Allentown Arpt[1], 4 NE	Lehigh	.85	.07							.05	.14	.19			1.11	.62		.91	1.25	.01				.06	.06		.01		T.	T.			5.33
Allentown[2]	Lehigh		1.14								.13		.17		.01	1.32	.05	.07	.74	1.18					.07	.14	T.		.01				5.03
Bethlehem[1]	N'rthampton	.63	.05							.02	.16	.19			.20	.56		.63	1.21					.08	.09		T.		.10				3.92
Blakeslee Corners[1, 5]	Monroe	*	*	.40						.06	.33	.25			.40	*	*	*	2.16	.01							.05	.10	.03				3.79
Gouldsboro[2]	Wayne		.76								.39		.98		.20	.40			.80	.99	.03				.06		.96		.06				5.63
Lansford[2]	Carbon		.32								1.53	T.	.58		.25	.65		.12	1.12	1.83				T.	.10	.04	.13		.33	T.			7.00
Mauch Chunk, 1 SW	Carbon		.73							.80	1.09	.55			.55	.18		.38	.92	1.34					17	T.	.07		.33				7.11
New Tripoli	Lehigh		.63							.85	1.76	.20			1.27	.28		.84	1.66	.11				.11	.13	.02	.01	.15	.02				8.04
Palmerton[1, 5]	Carbon	.68	.02							3.55	.13	.10			.85	.13		.67	1.11	T.				.03		T.	.04	.03	T.				7.34
Zionsville, 1 SW	Lehigh		.50								.50	.45			.10	.25		.55	.95	1.00				.10	.30				.10				4.80
SCHUYLKILL																																	
Conshohocken	Montgomery		.02									T.				.22		*	*	5.81				.24						.03	T.		6.32
Fredericksville[2], 1 S	Berks		.43								.74		.51		.01	.96	.05	.07	1.15	1.69					.12	.60	.02		T.				6.35
Gratersford[2]	Montgomery		.27								.31		1.68		.06	.18	.12	.03	.97	2.60					.09	.21			T.				6.52
Phoenixville[2], 1.5 SE	Chester		.13								.13		.46			.27	.06	*	1.24	2.35					.09	.07		T.	.03		.14		4.97
Port Clinton[2]	Schuylkill		.78								2.90	.15	.10		.28	.41	.05	.28	.80	1.83					.12	.29			.04		.08		8.11
Pottstown[2], 0.5 S	Montgomery		.22	T.							.13		2.54		T.	.21	.12	.06	1.05	2.45					.09	.13		T.	.03				7.03
Pottsville[2]	Schuylkill		.29								.73		.65		.43	.67	.03	.23	.83	1.22					.12	.25	.22		1.00		.04		6.71
Reading[1, 5]	Berks	.93	.08							.15		.93			.12	.29		.85	2.95	T.				.10	.44		T.	.02	.01		T.		6.87
Wernersville	Berks		.89							.33	.20	.75			.14	.77		.67	1.95	.03				.13	.91	T	.01	T.					6.78
LOWER DELAWARE																																	
Coatesville[6]	Chester		.09							.15		.41			.30	.05		.98	3.90	.17				.05			.60		.01				6.71
Doylestown	Bucks		.18							.01	T.	1.55			.18	.28		50	1.01	.64				.10	.04		T.	.01					4.50
George School[6]	Bucks		.92							.10	.20	1.23			.94	.14		.46	1.54	.23				.05	T		.02		T.				5.83
Marcus Hook[2]	Delaware		.05										.12		.02	.25	.10	.05	.82	1.39					.08			.35		.20			3.42
Philadelphia Airport Station[1, 5]	Philadelphia	.35	1.09						T.	.41	T.	.87			.54	.22		.56	1.56	.05				.06	T.	T		.03	T.	T.			5.74
City Office[1, 5]	Philadelphia	.31	.26							.01	T.	.16			.48	.24		.87	1.61	T				.01	T.		.01		T.				3.96
Shawmont	Philadelphia		1.11							T.	.25	.31			.30	.28	T.	.61	1.24	1.65	.03			T.	T.			.14	T.	T	.06		5.98
Quakertown, 0.5 E	Bucks		.49							T.	.26	1.27			.09	.27		.50	1.09	.98	.03			.13	.21	.02	.03	.05	.02				5.44
West Chester	Chester		.13					T.	T.	.04	.17	.20			.02	.35		.85	2.97	.05				.04	.03	T.		.11	.02				4.98
West Grove[2], 1.5 SE	Chester		.24								.58				T.	.18	.10	.28	1.10	1.33				.11					.03		.12		4.07
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.11									.16			.02	1.65	.01		.18	2.11	.01				.05	.45	.34					.03		5.12
Covington[2]	Tioga										.34				.44	.40			1.05	1.18	T.				.12	.09	.64						4.26
Lawrenceville	Tioga	T.	T.							.12		.48			.40	.56		T.	2.10	.20				.24		.32	.38	T.	.70	.19			5.69
NORTH BRANCH																																	
Berwick[2]	Columbia																																
Canton[2], 1 NW	Bradford			T.							.20	.48			.41	.46	03		.89	1.28	.02			.04	.03	.07	.80		.02		.02		4.75
Danville[2]	Montour		.66								1.06	.04			.57	.45		.08	1.18	.55				.04	.07		1.14		.52				6.36
Freeland[2]	Luzerne			.01							.54		.50	.23	.05			.05	1.25	1.82					.27	.05	.05		.80				5.62
Hop Bottom[2], 2 S	Susquehanna		.15									T.	.88		.50	.29			.85	.80	T.				.14	.02	.38		.05		T.		4.06
Millville[1, 5]	Columbia	.41								25	.45	.46			.70	.14		.77	1.07					.10		.73	.07			24	.33		5.72
Monroeton[2], 2 S	Bradford			.02							.12	.04	.06		.38	.35			.71	1.82	T.				.09	.02	.74		.02		.05		4.42
Montrose[2], 3 E	Susquehanna		.17	.03							T.	T.	.62		.42	.53	.01		.50	1.74	.03				.09	.06	.78	.01	.03		.02		5.04
Orwell[2], 3 N	Bradford		T.								.12	.45			.39	.34			.46	1.10	.02				.05	.09	.76				.25		4.03
Park Place[1], 1 NW	Schuylkill	.23	T.							.26	.34	.49			.87	.14		.99	1.36	.03				.12	.04	T.	.70	.48	.02				6.07
Pikes Creek[1, 5]	Luzerne	.88	.02							.24	.79	.31			.77	.05		.70	1.51	.02				.07		.72		.17		.11			§6.36
Rush[2]	Susquehanna		.16	.02							.33	.33	T.		.51	.39			.41	1.45					.08		.92		T.				4.60
Scranton[1, 5]	Lackawanna	1.07	.20							.13	.22	.31			.40	.12		.53	.73	T.	T.			.03	T.	.51	.15	.11		.01			4.52
Susquehanna[2]	Susquehanna																																
Towanda, 1 E	Bradford	T.	.02								.15	.87			.47	.25		.13	2.02	.07	T.			.05	.01	.01	.90	.03	.01	.02	T.		5.01
Tunkhannock[1, 5]	Wyoming	.45										.75		.02	.61			.60	1.75					.02	.02	.49	.03	.07					4.81
Wilkes-Barre[1], 3 N	Luzerne	.39	2.34							1.63	.98	.93			.56	.11		.85	1.24	T.	T.			.03		.10	.91	.18		.14			10.39
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga			.03							.42	.03			.29	.37			.71	1.26					05	.01	.59	.18		.02	.09	.01		4.06
Carrolltown[2]	Cambria		.30							.11	.15	.07	.01		.48	.75		.08	1.98	.53	.02	.04		.28	.37	.14	.38		.50		.03		6.22
Carter Camp[2]	Potter		.07	T.						.31	.10	.07			.36	1.78			1.34	1.21				T.	.12	.34	.44	.12			.12		6.38
Cedar Run[2]	Lycoming									.02		.17	.02		.49	.32			1.35	2.09				.05	.09	.08	.73		.08	.02	.02		5.53
Clearfield[2]	Clearfield		.27							.49		.04			.37	.90			1 83	.81		.01		.06	.36	.09	.50		.37				6.10
Coalport[2]	Clearfield		*	*						2.50	*	*			.42	.64			1.51	.55		*		*	.41	*	.40		.88				§7.31
CurwensvilleApt[1] 6NW	Clearfield	.02	.02							.88	.01		.08	.02	1.37	T		.75	1.64	.06	.03			.42	.37	.77	.01	.75	T.	.01	T.		7.21
Driftwood[1, 5]	Cameron	.05	.05							.85	.20		.10	.07	1.40			.60	1.81	.02				.27	.14	.57	.16	.35		.06			6.70
Dushore[1, 5]	Sullivan	.67	.14								*	.20	1.15	*	*	*	*	*	2 82					.04	.14	1.01	.09	.13					6.39
Eagles Mere[2]	Sullivan		.56	T.							.18	.57	.36		.69	.81			1.04	1.00	.02			.04	.12	.12	1.20	T.	.56	.03	.03		7.33
Emporium[2], 1 E	Cameron		.26	.02						.12		.05	T.		.50	2.13			1.68	.63	T.			.28	.08	.72	.49		.19		.17		7.32
Galeton	Potter		.23						.02	.05		.05			.42	1.90		.37	1.88	.21				.10		.41	.62	.20		.02	T.		6.48
Karthaus[2]	Clearfield		.03							.13	.03	.10	.01		.50	.86			1.62	.74				.03	.14	.22	.18		.45		T.		5.04
Lock Haven[2]	Clinton			T.						.02	T.	.12			.72	.29			1 71	1.16				.09	.08	.40	.59		.67	.21	.08		6.14
Medix Run[1, 5]	Elk	.14	.01						08					.06	2.65	.04	.04	.44	1.86	.01				.23	.16	.55	.03	.57		.09			6.96
Philipsburg[1], 7 E	Centre	.06	.02						1.19	.11		T.		.08	.85	.02		1.17	1.68	.02	.10			.38	62	.47	.04	.99	.01	.02	T.		7.83
Renovo[2]	Clinton		.02	.08						.07	.05	.06	T.		.31	.22			1.15	1.13				.10	.13	.06	.22		.23		.07		3.90
State College[1, 5]	Centre	T.	.10						1.05	.03		.35		.02	.63	.10		1.49	1.19	T.	T.			.31	.02	37	02	.81	.01	T.	T.		6.50
Tamarack[2], 2 S	Clinton		.03	.08						.14	.62	.06	T.		.46	.42			1.45	1.02		T.		.07	.16	.12	.30		.26	T.	.10		5.29
Tyrone[1, 5], 4 NE	Blair								2.13	.37		.27		.12	.78			1.64	1.97	.01				.43	.11	.06	.01	.37					8.27
Wellsboro[2]	Tioga										T.	.54	T.		.34	.31	T.		1.07	1.43	T.			.04	.03	.37	.37		.02	.49	.03		5.04

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																															
Williamsport Apt.[1]-4 E	Lycoming	...	T.	...	...	...	...	...	...	.94	...	.15	...	.05	.81	.12	...	.90	1.27	T.	T.	...	...	.17	.03	.78	.02	.91	.16	.05	T.	...	6.36
Williamsport[2]	Lycoming	...	T.	...	...	...	...	...	...	...	.99	...	.08	...	.45	.15	...	...	1.25	1.28	...	...	...	...	.17	.04	.54	.02	.82	.26	.05	...	6.10
Williamsport[2], 4 SE	Lycoming	...	T.	T.	...	...	...	...	...	...	1.84	.10	.17	...	.70	.50	...	...	1.33	1.45	...	T.	...	.04	.20	.05	.53	T	.78	.11	.07	...	7.87
JUNIATA																															
Altoona, 4.5 W	Blair	...	.24	...	...	...	...	...	.02	...	...	.16	...	...	.60	.15	...	.75	2.17	.04	.25	...	...	.85	.15	...	.23	.58	...	...	...	...	6.19
Breezewood[1], 0.5 E	Bedford	.25	.05	...	...	...	...	...	.29	T.	...	.12	...	.07	.48	.16	...	1.75	1.67	...	.03	...	...	.55	...	...	...	.02	...	...	...	...	5.44
Buffalo Mills[2]	Bedford	...	.87	...	...	...	...	...	...	.13	...	...	...	...	.58	.28	...	.17	2.45	.33	...	.05	...	.50	.26	...	...	...	.11	...	...	...	5.73
Burnt Cabins[1], 2 NE	Fulton	.09	.05	...	...	...	...	...	.22	...	...	.12	...	T.	.60	.12	...	1.63	1.75	...	...	...	...	.35	...	...	.10	.07	...	...	...	...	5.10
East Waterford[2], 3 E	Juniata	...	.08	T.	...	...	...	...	...	T.	.04	T.	.01	...	.68	.62	...	.14	2.53	1.11	T.	T.	...	.04	.29	T.	.04	...	.27	...	...	...	5.85
Everett[2], 0.5 SW	Bedford	...	.18	...	...	...	...	...	...	.33	...	.04	.19	...	.77	.12	...	13	2.90	.60	...	T.	...	.33	.42	...	.08	...	.05	.01	...	...	6.15
Huntingdon[2]	Huntingdon	...	.09	T.	...	...	...	...	...	.78	...	.56	...	...	.92	.19	T	.11	2.73	.69	...	T.	...	.09	.34	.59	.14	...	.70	.17	...	...	6.10
Lewistown[2], 2 SW	Mifflin	...	.23	.15	...	...	...	...	...	1.54	...	.10	.06	...	.51	.54	...	•	2.72	.66	...	...	...	.07	•	.80	.23	...	.64	...	...	...	6.25
Mapleton Depot[2]	Huntingdon	...	.68	.02	...	...	...	...	...	.54	.01	.08	...	...	.61	.38	...	.08	2.46	.68	...	...	...	.05	.38	.04	.12	...	.31	...	...	...	6.44
Martinsburg[1]	Blair	.27	T.	...	...	...	...	...	.56	.01	...	.14	...	.28	.34	T.	...	1.90	1.11	...	T	...	...	.57	.03	.10	T.	.71	T.	...	T.	...	6.02
McConnellstown[2], 4 NW	Huntingdon	...	...	...	...	...	...	...	...	1.25	...	.64	.03	...	.65	.19	...	.09	2.60	.79	...	T	...	.10	.55	.40	.13	...	.70	.73	...	...	8.85
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.05	...	...	...	...	...	...	.42	.04	...	.56	•	•	.91	•	•	•	•	•	2.56	.41	...	.37	.48	...	...	.48	.46	...	...	...	6.74
New Bloomfield	Perry	...	.16	...	...	...	...	...	...	...	T.	.06	...	...	.77	.14	...	1.01	2.25	.03	...	...	...	.32	.22	...	T.	.03	...	...	...	...	4.99
Newport[2]	Perry	...	.05	...	...	...	...	...	...	...	.02	T.	.06	...	.70	.36	T.	.18	1.93	.98	...	...	...	.02	.23	.01	.01	T.	.05	...	...	...	4.60
Saxton[2], 1 W	Bedford	...	.46	.05	...	...	...	...	...	1.00	T.	.15	...	...	.72	.32	...	.12	2.55	.52	...	...	...	12	.44	.10	.11	...	.25	...	...	...	6.91
Shade Gap[1, 5], 0.5 SW	Huntingdon	.08	.04	...	...	...	...	...	.29	...	.15	.05	...	.07	.61	.02	...	1.90	1.72	.04	...	...	...	.53	...	.01	.02	.04	...	...	...	...	5.57
LWR SUSQUEHANNA																															
Arendtsville[2]	Adams	...	.90	...	...	...	...	...	...	...	.10	...	...	...	.71	.75	...	.11	2.75	.38	...	...	...	.15	.17	...	...	...	...	...	...	...	6.02
Bloserville, 1.5 N	Cumberland	...	.94	...	...	...	...	...	...	T.	T.	.05	...	...	.88	.30	...	.98	2.40	.01	...	...	...	.20	.15	...	.16	.15	T	...	...	...	6.22
Carlisle	Cumberland	T.	.62	...	...	...	...	...	...	...	...	...	...	...	.99	.50	...	1.17	1.91	.04	...	...	...	.15	.40	T.	.25	.03	T.	T.	...	...	6.06
Columbia	Lancaster	...	.65	...	...	...	...	...	...	1.77	.10	.20	...	...	.06	.34	...	1.03	1.29	.02	...	...	...	.08	.10	...	T.	...	...	.08	...	...	5.72
Dauphin[2], 3 N	Dauphin	...	.50	.13	...	...	...	...	...	...	1.14	...	.02	...	.53	.43	.02	.20	1.40	.60	T.	...	...	.01	.23	.17	.01	...	.05	.01	...	...	5.45
Ephrata	Lancaster	...	.70	...	...	...	...	...	...	1.90	T.	3.06	...	...	.05	.57	...	.92	1.68	.04	...	...	...	.04	.14	T.	T.	T	...	...	...	...	9.10
Glen Rock[1, 5]	York	.11	.45	...	...	...	...	...	...	.75	...	.20	...	.02	.71	.25	...	1.34	1.30	...	...	...	...	.23	.02	...	...	.05	...	...	...	...	5.43
Gordon	Schuylkill	...	.32	...	...	...	...	...	...	.30	1.35	.01	...	...	.60	.17	...	.58	1.50	T	...	...	...	.08	.01	...	.41	...	.93	.29	...	...	6.55
Grantville, 2 SW	Dauphin	...	1.58	...	...	...	...	...	...	.41	.08	.26	...	...	1.02	.35	...	.86	1.17	...	...	...	...	.26	.14	.01	.01	T.	...	...	...	...	6.15
Hanover[2]	York	...	.89	...	...	...	...	...	...	...	.04	T.	T.	...	.17	.28	.05	.18	1.53	.24	...	...	...	.03	.17	T.	...	T.	T.	...	...	...	3.58
Harrisburg Apt[1, 5], 3.5 S	Dauphin	.31	.04	...	...	...	...	...	...	1.33	...	.10	...	T.	.53	.35	...	1.04	1.23	T	...	...	...	.14	.34	T.	T.	T	...	T.	T.	...	5.41
Holtwood[2]	Lancaster	...	.16	...	...	...	...	...	...	...	.17	T.	...	...	.01	.36	.12	.16	1.22	.89	...	...	...	T.	.03	T.	T.	...	.56	.01	T.	...	3.69
Huntsdale[2]	Cumberland	...	.28	...	...	...	...	...	...	T.	T.	T	T.	...	.50	.88	.02	.17	2.65	.56	...	...	...	.01	.15	.07	...	...	.04	...	...	...	5.33
Kirkwood[1, 5], 1 SW	Lancaster	...	.30	...	...	...	...	...	...	.23	...	...	...	...	...	.29	...	1.11	1.80	...	...	...	...	T.	...	...	...	.39	...	.10	...	...	4.22
Lancaster	Lancaster	...	.32	...	...	...	...	...	...	.49	.03	.30	...	...	.07	.64	...	.92	1.27	.08	...	...	...	.02	T.	...	.02	...	...	...	T	...	4.16
Lebanon[2]	Lebanon	...	.87	...	...	...	...	...	...	...	.30	.34	T.	...	.37	.45	.03	.19	.98	.95	...	...	...	.02	.18	1.27	T.	...	.03	...	...	...	5.98
Middletown[1], 1.5 W	Dauphin	.45	.09	...	...	...	...	...	...	.34	...	.46	...	T	.70	.34	...	1.09	1.03	T.	...	...	...	.07	.38	T.	T	T.	...	...	T	...	4.95
Millersburg[1, 5], 2 E	Dauphin	.16	.06	...	...	...	...	...	...	1.18	...	•	•	•	•	•	.72	1.25	•	•	•	•	•	.88	•	•	•	•	•	•	.50	...	4.75
Milroy[2], 5 N	Mifflin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Newburg[1], 3.5 NW	Cumberland	.67	.07	...	...	...	...	...	.10	...	...	.02	...	T.	1.50	.35	...	1.50	2.63	...	...	...	...	.48	.05	...	.05	T.	...	...	T.	...	7.32
New Park	York	...	.40	...	...	...	...	...	...	.97	...	...	...	...	.83	.18	...	1.30	1.50	...	...	...	...	...	.18	...	...	.82	...	...	...	...	6.18
Pine Grove[2], 1.5 NE	Schuylkill	...	.77	...	...	...	...	...	...	...	.09	.55	.06	...	.40	•	...	.82	.98	1.20	...	...	...	T	.15	.28	T	...	.22	T.	...	...	5.52
Ringtown[2], 1.5 SW	Schuylkill	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Selinsgrove	Snyder	T.	.42	...	...	...	...	...	...	.49	1.59	.03	...	...	.66	.28	...	.67	1.74	.06	...	...	...	.13	...	...	.22	.81	...	.18	...	...	7.28
Shamokin[2]	N'umberland	...	.57	...	...	...	...	...	...	...	1.20	...	...	...	.42	.67	...	.12	1.05	.46	...	...	...	...	.09	.02	.45	...	.63	.02	...	...	5.70
Shippensburg	Cumberland	...	T.	...	...	...	...	...	...	.98	...	...	...	...	1.25	.50	...	1.36	1.62	.05	...	...	...	.31	.32	...	...	.07	T.	...	...	...	6.46
Sunbury[2]	N'umberland	...	.27	...	...	...	...	...	...	...	.34	.57	.03	...	.50	.37	...	.05	1.40	.83	...	...	...	.03	.04	T.	.38	...	.85	.15	...	...	5.81
Williamstown[2]	Dauphin	...	.38	...	...	...	...	...	...	...	.26	...	.09	...	.44	.78	.07	.26	1.00	.83	...	...	...	...	.16	.09	.32	...	.32	...	...	...	5.00
Woodward[1], 2 NE	Centre	T.	.18	...	...	...	...	...	.05	.03	.11	.43	...	T.	.97	.57	...	1.07	1.71	.01	.01	...	...	.16	.04	.61	.07	.95	T	T	T	...	6.97
York, 3 SW	York	...	.65	...	...	...	...	...	...	...	.02	.18	...	...	.10	.29	...	1.08	1.34	.07	...	...	...	.14	.02	...	...	...	...	.02	...	...	3.91
York Haven[2]	York	...	.48	...	...	...	...	...	...	...	.12	.41	...	...	.28	.26	.04	.16	1.40	.76	...	...	...	T.	.12	.33	...	...	...	...	.01	...	4.37
Potomac Basin																															
Chambersburg[6], 1 SW	Franklin	...	.10	...	...	...	...	...	.46	...	.15	...	...	...	1.33	.70	...	1.83	.96	T.	...	...	...	.35	.04	...	.04	.07	...	...	T.	...	6.03
Gettysburg	Adams	...	.92	T.	...	...	...	...	...	...	.23	.01	...	...	.57	.39	...	1.30	1.68	.01	...	...	...	.34	.08	.01	.01	...	...	...	...	...	5.35
Hewitt, 2 SW	Bedford	...	.61	...	...	...	...	...	.32	T	...	T.	...	...	.83	.24	...	1.08	1.92	T.	...	...	...	1.15	T	.02	.16	.08	...	...	...	...	6.41
Hyndman[2]	Bedford	...	.47	...	...	...	...	...	...	.22	.10	T.	.08	...	.10	.72	...	.13	1.91	.23	...	.05	...	.58	.45	...	T	...	T.	.30	...	...	5.34
McConnellsburg[2]	Fulton	...	T.	...	...	...	...	...	...	.19	...	T.	T.	...	.60	.25	...	.15	2.50	.46	...	...	...	.22	.36	T.	T.	T.	...	...	...	...	4.73
Mercersburg[2]	Franklin	...	.12	...	...	...	...	...	...	1.26	.05	...	...	...	.83	.33	...	.35	3.00	.50	...	.01	...	.43	.36	...	.08	...	.11	...	...	...	7.43
South Mt. San't'm[2]	Franklin	...	.25	...	...	...	...	...	...	11	.35	...	...	...	.61	.87	.02	.13	2.72	.71	...	...	...	.14	.28	.04	.22	...	.22	...	...	...	6.67
GULF DRAINAGE																															
Ohio Basin																															
ALLEGHENY																															
Acmetonia[2]	Allegheny	...	.48	...	...	...	...	...	.01	.34	.29	.44	...	...	.55	1.07	...	...	1.52	T.	...	.07	...	.20	.75	.08	1.34	...	.31	...	.14	...	7.59
Allens Mills[1, 5]	Jefferson	.37	.10	...	...	...	...	...	.21	.21	.02	.09	...	.09	2.22	...	...	.52	1.24	...	...	...	...	.40	.03	.90	...	.90	.02	.02	...	...	7.34
Blairsville[2], 6 NE	Indiana	...	.51	.11	...	...	...	...	...	.46	.17	.14	T.	...	.35	1.07	...	.15	1.58	.31	.02	.12	...	.27	.51	.59	69	...	.49	...	.03	...	7.57
Boswell[2], 6 NW	Somerset	...	.24	...	...	...	...	...	...	1.29	.25	.29	.12	...	.57	.78	...	.17	1.94	.40	.07	.09	...	.60	.64	.05	.50	...	1.00	...	.06	...	9.06
Bradford, 4 W	McKean	.43	.02	...	...	...	...	...	.07	T.	...	.03	...	...	.31	.32	.04	...	1.86	.04	...	...	...	.12	...	1.90	.19	.04	.08	.43	...	...	5.88
Brookville[1], 1.5 SW	Jefferson	.34	...	...	...	...	...	...	.24	.04	...	.02	...	.20	.55	...	...	.40	1.50	.07	T.	...	...	.58	...	.68	T.	.13	...	.05	...	...	4.80
Buckstown[1, 5]	Somerset	.50	.02	...	...	...	...	...	.30	.16	...	.12	...	.22	.46	...	...	1.55	.50	...	.04	...	...	.82	...	.16	.12	.80	...	...	...	...	5.27
Clarion[2], 3 SW	Clarion	.05	1.25	.09	...	...	...	...	...	.10	.02	.14	...	...	.41	.70	...	...	1.53	.29	.01	.06	...	.21	.32	.44	.91	...	.42	.02	.17	...	7.14
Corry	Erie	.44	.23	...	...	...	...	...	.83	.31	...	.29	...	...	.86	.22	...	...	1.91	.05	...	.26	...	.24	.06	.09	.12	1.96	...	.51	...	...	8.38
Coudersport	Potter	.24	.18	...	...	...	...	...	...	02	...	.07	...	...	.38	2.64	...	.08	.26	.04	...	...	...	.10	.05	.88	.47	.04	...	.17	...	...	5.62
Derry	W'moreland	...	.45	...	...	...	...	...	.69	.22	...	.22	...	...	.78	.39	...	.56	1.37	.10	.06	...	...	1.10	.03	T.	.53	.68	...	T	...	...	7.18
Donegal[1]	W'moreland	...	...	...	...	...	...	...	.27	.27	.05	.32	...	.10	.90	...	...	.90	.56	.13	.30	...	...	1.44	.03	.62	.10	.46	...	.04	T.	...	6.49
Dunlo[1, 5], 0.5 SW	Cambria	.17	.21	...	...	...	...	...	.08	...	...	.31	...	.24	.19	...	...	1.17	.90	...	.01	...	.03	.71	.08	.28	.07	.57	...	...	...	...	5.02
Ebensburg[2]	Cambria	...	.15	T.	...	...	...	...	...	.25	.05	.12	.01	...	.51	.45	...	.07	1.95	57	.03	.10	...	.43	.42	.20	.28	.01	.45	T	T.	...	6.05
Ford City[2], 4 S	Armstrong	...	.17	.11	...	...	...	...	...	1.45	.18	.18	...	...	.24	1.32	...	...	1.66	.10	...	.05	...	.49	.30	...	1.02	...	.59	...	.11	...	7.92
Franklin[2]	Venango	.19	.01	.04	...	...	...	...	...	1.39	.24	.33	...	...	.49	1.02	.03	...	1.14	.45	.02	.11	...	.22	.25	.78	.56	.01	.29	.22	.13	...	7.92
Glen Hazel[2], 1 NE	Elk	...	.29	T.	...	...	...	.01	...	.16	.01	.03	...	...	.36	1.97	.01	...	1.46	.63	T.	T.	...	.36	T.	.94	.57	...	.14	.20	.12	...	7.26
Home[1, 5]	Indiana	.30	...	...	...	...	...	...	.09	.07	...	...	...	.08	1.22	...	...	.75	1.08	.01	.05	...	...	.66	.01	.80	.05	.62	.07	...	...	...	5.86
Indiana	Indiana	...	.51	...	...	...	...	...	.02	.65	...	...	...	...	.46	.57	T.	.31	1.99	.08	...	.06	...	.89	.48	...	1.34	.04	...	.20	...	...	7.60
Johnstown[2], 0.5 W	Cambria	...	.35	T.	...	...	...	...	...	.09	T.	.35	...	...	.37	.48	...	.18	1.87	.20	.01	...	...	.12	.83	.02	.27	...	.47	...	...	...	5.61
Kane[1], 1 N	McKean	.38	.03	...	...	...	...	...	.07	.31	.02	.14	...	.01	.83	.05	...	.25	1.48	.03	T.	...	...	.25	2.04	.46	.02	.16	.01	.50	...	...	7.04
Kregar[1], 4.5 SE	W'moreland	.31	...	...	...	...	...	...	.71	.23	...	.33	...	.45	.80	...	...	1.54	.73	.10	.31	...	...	1.31	.28	.46	.01	.81	...	.01	...	...	8.39
Lycippus, 1.5 E	W'moreland	...	.14	...	...	...	...	...	.12	.23	...	.21	...	...	.13	1.10	T.	.63	1.33	.15	.06	...	...	1.86	.25	...	.67	.30	...	.05	...	...	7.23
Marienville[1, 5]	Forest	.20	...	...	...	...	...	...	.60	.18	...	.14	...	.10	.78	...	...	.38	1.19	...	...	•	•	•	•	2.36	.01	.28	.08	.26	...	...	6.56
Meadville[2], 1 S	Crawford	...	...	...	...	...	...	...	...	.06	.35	.75	...	...	.44	.30	.04	...	1.05	.63	.01	.03	...	.20	.51	1.28	.41	...	.05	.35	.05	...	6.51
Mosgrove[2]	Armstrong	...	.23	.02	...	...	...	...	...	.10	.02	.26	.04	...	.18	.74	...	...	1.30	.22	...	.10	...	.16	.94	.23	.78	...	.74	T.	.03	...	6.09
Parkers Landing[2]	Armstrong	.45	.58	...	...	...	...	...	...	.31	.21	.30	...	...	.45	.62	...	...	1.50	.32	...	.24	...	.31	T.	1.20	1.09	...	.73	.05	.10	...	8.46
Pittsburgh Cty Off[1, 5]	Allegheny	.48	T	...	...	...	...	...	1.24	.42	.39	.06	...	.45	1.02	...	...	.87	1.01	.01	.05	...	...	1.24	.06	1.16	T.	.29	...	.09	...	...	8.84
Port Allegany[2]	McKean	.01	.38	.03	...	...	...	...	...	.04	.02	.04	...	...	.25	1.94	.02	...	1.48	.04	T.	...	...	.07	.01	1.09	.49	T.	.17	.13	.12	...	6.33
Punxsutawney[2]	Jefferson	...	.15	.04	...	...	...	...	...	.90	.22	.06	...	...	.30	1.75	...	...	1.55	.24	.01	.07	...	.25	.28	.22	.60	...	.60	T.	T.	...	7.24

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong		.20	.03						.25	.19	.17			.30	1.10			1.88	.22	.03	.09		.29	.49	.04	.88		.93	.02	.02		7.13
Ridgway[2]	Elk		.61							.79	.02	.06			.24	1.96			1.28	.59	T	.03		.12	.15	1.42	1.29		.25	.03	.19		9.03
Saltsburg[2]	Indiana		.41	.02						.21	.39	.16			.38	1.96		.07	1.89	.21	T.	.07		.37	.47	.09	1.02		.58		.04		8.34
Seward[2]	W'moreland		.34								.16	.32	.11		.28	1.13		.06	1.71	.27	.06	.04		.38	.58	.22	.84		.47		.03		7.09
Sheffield[1, 5, 6 W.	Warren	.49	.06						2.04	.21	.10			.02	1.04	.03		.23	1.57					.10	1.71	.21	.06	.21	.36	.32			8.75
Smethport[1, 5, 1 SW	McKean	.21												.03	1.93			.16	1.61					.02	1.92	.43	.05	.04					§§
Strongstown[1, 5]	Indiana	.27							.34	.11		.20		.18	1.41			1.08	.93	.06	.26			.69	.32	.46		.82		.02			7.09
Tionesta[2], 1.5 SE	Forest	.03	.48							.43	.09	.07			.40	.95	T.		1.70	.28	T.	.02		.15	.14	.77	.49	T.	.19	.02	.10		6.31
Titusville, 2 S	Crawford	.50	.09						.36	.19		.57			1.14	.29		.03	1.76	.03	.05	.05		.42		1.13	.25	.22	.29	.66			8.03
Union City[1, 5]	Erie	.28	.13						.30	.20	.18	.15			.64	.07		.14	2.14	.02	.12			.30	.83	.74		.32	.19	.12			§6.87
Vandergrift[1]	W'moreland	.42							.04	.40	.16	.08		.08	1.83			.44	1.30	.04	.19			.75	.09	1.00	.20	.91		.08			8.01
Warren[2]	Warren	.17	.01							.27	.07	.01			.38	.88	.04		1.77	.25	.01			.05	.08	1.58	.02		.14	.38	.05		6.16
Youngsville[1, 5]	Warren								1.01	.19	.02	.02		*	1.15			.11	1.40					.06	1.06	.38	.03	.54	.68	.25	.02		6.92
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset		.97	T.						.65	.20	.10	.17		.30	.63		.21	1.67	.14	T.	.12		.79	1.20	T.	.22	T.	.10				7.47
Connellsville[2]	Fayette		.31							.59	.30	.50	.17	.06	.76			12	1.14	.12		.14		1.49	.09	.04	.63	T.			T.		6.46
Donora[1]	Washington	.20	.10						.61	.04	.34	.05		12	1.36			.86	1.43		.09			1.12	.36	.91	.04	.48		.01			8.12
Greensboro[2]	Greene		1.33							.98	.41	.39	.21		.16	.97		.12	1.90	.31		.10		.13	1.04		.49	.01					8.55
Greensburg, 2 S	W'moreland		.22						.05	.07		.26			.74	.36		.52	1.72	.06	.09	.01		1.55	.06		.77	.88		.01			7.37
Irwin	W'moreland		.37						.43	.76		.26			.48	1.70		.30	1.79	.09	.05	.06		1.31	.02		.88	.70	.03	.01	T.		9.24
Meyersdale[2]	Somerset		1.10							.57	.10		.18		.35	.18		.18	1.55	.34		.29		.72	.60		.10		.56				6.77
Murrysville // [1, 5]	W'moreland	.36							.23	.22	.30	.04		.20	1.87			.95	.89		.06			1.12	.05	1.07	.01	.89		.02			8.28
Newell[7]	Fayette		.43							.97		.44			.25	1.00	.02	.30	1.70	.20	T.	.20		2.20	.35		.86	.04	.12				9.08
Pittsburgh Arpt.// [1, 5]	Allegheny	.94	T.						1.41	.05	.39	.03		.49	1.28			.82	1.31	.03	.14		T.	1.21	.24	1.10	.02	.62		T.	T.		10.08
Rices Landing[2]	Greene		.25	.04						.97	.24	.29	.08		.32	1.29			.08	1.75	.34		.08		.87	.75		.81		.25			8.41
Somerset	Somerset		.49						.74	.26		.45		T.	.32	.28		.90	1.00	.05	.05	.03		1.19	.03		.26	.27			T.		6.32
Springs[6], 1 SW	Somerset	.61	.55						1.01	.16		.12		1.02	.46	.34		1.26	.90	.07	.09			2.40	.05		.13	.47					9.64
Uniontown	Fayette	T.	.77						.92	.90	.02	.64		T.	.40	.38		.52	1.04	.10	.36	.02		1.91	.21		.55	.07					8.81
Waynesburg	Greene		.66							63	1.06	.44			1.04	.34		.53	1.85	.06	.18			.69	.44	.04	.91	.07	09				9.03
BEAVER																																	
Beaver Falls[2]	Beaver		.67	T.						.57	.38	.74	T.		.42	.78			1.11	.21	.02	.16		.25	1.08		.89	T.	90	.12	.05		8.35
Butler	Butler		.20						T.	.20		.68			.34	.34		.50	1.02	.11	*	.04		.54	.06		.73	.42	.41	.04	T.		5.63
Farrell[2]	Mercer										.25	.38			.47	.35			1.26	.14		.05		.35	.42	.74	.38		.40		.30		5.49
Greenville	Mercer		.10						.13	.48	.16	.49			.69	.30		.06	1.21	.04	.02			.81		.83	.13	.12	.01	.15			5.73
Jamestown[2], 2 NW	Mercer									1.42	.16	.82	.01		.42	.52	T.		1.11	.29	.01	.01		.11	.56	1.15	.50	.01	.05	.25	.07		7.47
Mercer Arpt.[1], 2.5 NE	Mercer	T.	T.						.53	.25	1.09	.02		.29	.43			.31	1.19	.01	.06		T.	.69	.57	.35		.31	.63	.30	T.		7.03
New Castle, 1.5 N	Lawrence		T						1.46	.20		.52			.59	.19	T	.03	1.12	T	.08			.70		.49	.41	.49		.30	T.		6.58
Pennline, 2, 1 S	Crawford		.08							.24	.15	.55			.42	1.52	.03		1.17	.42	.01	.04		.33	.28	1.35	.52		.26	.88	T.		8.25
OHIO																																	
Claysville[2]	Washington		.28							.60	.36	.85			.36	1.12		T.	1.42	.48		.12		.59	.94	.58	.99		.74				9.43
Coraopolis[2], 1 E	Allegheny		.21						.01	.49	.16	.65			.37	.67			1.43	.17		.25		.42	.88		.85		.68				7.24
Midland[2]	Beaver		.39						.01	.35	.42	.86			.55	.88			.96	.18		.27		.31	1.05		.97		.88	.02	.10		8.20
Mt. Lebanon[6]	Allegheny	T.	.52						.16	1.05	.41	.14		.09	1.74	.04		.56	1.42	.05	.20			1.24	.19	1.25		.45	.07	.11			9.69
Washington[1, 5]	Washington	.29							.36	.17	.84	.03		.32	1.05	.02	.04	.91	1.13		.28			*	1.53	.87		.68					8.52
LAKE DRAINAGE																																	
Albion[2]	Erie																							*	.59	.38	.55	.02	.34	.32	.02		§§§
Erie[1, 5]	Erie		.01						.27	.03	.22	.02	.03	T.	1.47	T.		.06	1.99	.02	.05			.20	.64	1.20	.03	.61	.53	.24	T.		7.62
Raymond[1, 5]	Potter	.19	.02						.01																								§§§

[See page 72 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Hawley[2], 1 S.	Evaporation	.193	.438	.117	.104	.176	.254	.068	.144	.177	.103	.103	.159	.152	.914	*.806*	.122	.121	*.016*	.186	.052	.050	.237	.115	.006	.028	.276	.089	.040	.112	.155	..	3.869
	Wind movement	52	149	85	19	38	40	22	63	30	5	29	76	45	29	81	100	62	75	71	80	67	110	46	50	70	99	28	32	120	118	..	1891
Jamestown[2]..2 NW	Evaporation	.150	.174	.160	.112	.134	.145	.188	.132	.164	.086	.170	.194	.105	.091	.098	.052	.130	.034	.020	.034	.044	.128	.094	.066	.064	.098	.068	.002	.130	.060	..	3.127
	Wind movement	15	58	22	25	6	28	25	13	13	13	33	28	28	27	36	16	63	53	17	22	20	24	24	16	38	13	29	32	33	60	...	830
Neffs Mills[2], 3.5 NE.	Evaporation	.164	.198	.160	.106	.134	.160	.170	.120	.202	.066	.094	.256	.064	.098	.038	.136	.112	.548	.024	.002	.090	.264	.094	.398	.040	.152	.114	.038	.396	.168	....	4.606
	Wind movement	3	38	24	8	7	5	5	5	4	8	14	38	12	14	10	10	43	13	84	27	22	40	1	4	2	14	27	2	68	23	...	575

Italics mean minus quantity. [See page 72 for explanation of other references.]

Daily Temperatures for September 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	67	82	85	78	74	78	84	60	65	....	§§
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....	46	64	66	57	58	60	48	32	..	§§
Allentown Arpt.[1]-4 NE..	Maximum	89	77	77	81	83	87	85	89	86	84	82	77	81	80	74	69	54	62	66	72	80	72	59	69	86	79	75	84	86	61	....	76.9
	Minimum	66	58	54	56	54	55	57	60	67	68	61	54	51	64	60	53	48	48	58	56	52	45	48	56	66	61	60	63	49	46	..	56.5
Allentown /.	Maximum	89	77	76	78	83	84	85	88	87	85	82	77	81	83	72	70	59	63	66	72	80	71	60	71	86	80	76	85	84	67	....	77.2
	Minimum	69	67	54	57	54	55	57	60	64	69	70	54	51	54	66	55	49	49	52	56	57	45	47	52	56	69	60	62	66	47	....	57.4
Altoona-4.5 W.	Maximum	88	82	75	75	80	83	82	86	75	85	79	73	76	71	70	66	60	57	60	80	75	69	65	75	85	79	69	84	79	57	....	74.7
	Minimum	62	59	48	52	54	53	59	60	59	61	64	47	46	60	57	49	45	46	55	53	56	39	49	57	59	63	57	63	64	40	....	54.5
Arendtsville[6].	Maximum	90	80	78	78	81	85	86	85	85	85	81	78	80	84	75	66	53	60	65	79	80	76	61	71	85	78	71	85	86	59	..	76.9
	Minimum	63	68	58	55	52	55	60	60	63	67	65	52	50	63	65	53	50	49	58	56	56	44	48	58	66	67	62	68	59	45	....	57.8
Berwick/.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bethlehem[1].	Maximum	89	76	77	82	84	89	86	89	85	83	82	76	81	81	73	67	61	62	64	72	79	72	56	69	87	79	74	84	84	59	....	76.7
	Minimum	70	62	60	58	57	59	61	65	71	70	66	57	54	65	62	54	48	48	57	55	55	48	50	55	68	64	62	66	49	46	....	58.7
Bradford-4 W.	Maximum	86	84	70	73	85	88	88	78	75	82	82	68	77	72	71	62	58	60	60	76	74	68	69	80	81	79	69	80	77	59	....	74.4
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§§
Brookville[1].	Maximum	86	72	73	78	84	85	86	84	77	84	74	70	80	80	64	64	51	60	59	80	72	70	75	79	82	67	71	82	68	60	....	73.9
	Minimum	65	52	47	48	51	51	56	59	63	64	48	43	46	63	55	47	47	45	54	56	41	36	53	62	60	56	52	63	45	41	....	52.3
Burnt Cabins[1]-2 NE.	Maximum	90	77	79	80	83	87	87	89	85	86	80	78	80	84	78	68	55	60	63	79	80	75	65	79	88	80	75	87	88	55	....	78.0
	Minimum	67	57	48	57	51	52	58	58	65	63	54	46	46	62	56	49	49	49	56	57	55	41	50	60	64	60	58	65	55	44	....	55.1
Butler.	Maximum	95	91	88	82	86	89	90	92	85	85	90	75	80	83	81	64	60	59	61	74	82	75	80	82	84	83	74	80	85	65	....	80.0
	Minimum	69	50	47	47	51	50	58	65	62	61	61	43	48	64	55	52	50	48	55	59	52	38	53	54	63	63	59	64	55	43	....	54.6
Canton /-1 NW.	Maximum	83	74	76	75	85	87	89	89	84	83	77	74	76	72	71	59	51	56	57	75	72	63	58	67	82	68	68	79	79	60	..	73.0
	Minimum	63	59	49	50	55	52	54	60	64	64	63	47	47	49	57	47	40	39	41	51	50	41	43	50	55	62	49	50	65	31	..	51.6
Carlisle.	Maximum	82	84	80	76	80	83	85	86	85	83	84	82	76	81	82	77	59	61	64	79	80	84	63	68	85	82	74	86	86	63	....	78.0
	Minimum	68	70	66	59	57	60	60	61	67	69	69	69	53	52	64	55	50	50	59	59	62	55	50	55	65	69	61	68	63	45	....	60.3
Chambersburg[6]-1 SW.	Maximum	89	81	82	80	83	87	88	89	85	85	80	77	82	79	74	71	56	60	68	79	81	73	61	76	88	82	78	86	87	55	....	78.1
	Minimum	67	64	55	55	52	53	60	62	64	64	65	48	49	62	58	53	49	48	57	57	55	44	52	58	62	66	61	65	60	45	....	57.0
Clarion[6]-3 SW.	Maximum	90	75	76	82	86	87	90	84	81	86	75	73	80	80	69	66	61	61	61	81	74	74	78	84	83	70	73	85	70	61	....	76.5
	Minimum	62	59	48	50	52	52	57	61	64	62	57	44	48	62	53	46	47	47	53	55	52	38	49	60	59	61	54	60	48	41	..	53.4
Claysville/.	Maximum	89	77	79	84	87	89	90	90	82	88	75	74	80	79	78	68	56	58	60	81	76	76	72	82	83	74	82	84	71	64	....	77.6
	Minimum	61	60	45	46	52	53	58	63	66	61	60	45	45	51	55	48	52	50	51	54	56	44	47	62	66	63	59	63	65	46	....	54.9
Coalport/.	Maximum	88	76	78	78	85	86	87	87	77	87	76	74	79	80	70	69	53	58	59	82	74	74	70	83	86	74	74	80	75	60	....	76.0
	Minimum	55	60	47	47	51	52	50	56	58	62	64	43	42	45	61	50	47	46	47	54	55	38	37	53	56	53	53	58	58	40	....	51.3
Coatesville[6].	Maximum	88	79	78	83	84	92	88	84	82	86	89	77	83	88	74	69	59	65	69	73	80	70	62	75	88	82	78	86	87	62	....	78.5
	Minimum	68	66	59	55	53	58	63	65	71	71	69	58	52	63	64	56	49	50	60	58	61	46	56	57	66	69	62	69	61	48	....	60.1
Columbia.	Maximum	92	84	80	80	84	87	89	91	88	87	85	80	84	87	78	70	64	66	68	79	84	75	68	72	91	85	77	90	89	74	....	80.9
	Minimum	71	67	57	58	57	54	61	62	68	69	70	58	52	66	64	56	50	50	51	58	58	45	49	58	67	69	60	69	67	47	....	59.6
Corry.	Maximum	80	74	73	81	88	87	88	84	81	84	78	69	77	79	70	58	57	54	59	76	72	69	73	82	80	72	71	81	72	64	....	74.4
	Minimum	66	59	44	47	50	48	53	61	65	52	58	48	43	62	56	37	41	47	51	55	51	38	46	65	63	57	52	65	44	31	..	51.8
Coudersport.	Maximum	88	74	74	75	86	88	87	87	77	84	82	71	79	77	68	60	54	58	59	78	77	71	65	78	83	80	67	82	78	62	....	75.0
	Minimum	61	56	48	44	49	51	50	57	54	63	62	41	44	59	56	44	39	42	54	53	47	37	43	56	59	58	43	64	46	29	..	50.3
Curwensville[1]-6 NW.	Maximum	82	70	70	73	79	80	81	83	72	81	71	68	74	71	60	61	46	55	55	77	69	66	61	78	80	67	65	79	67	56	....	69.9
	Minimum	62	50	49	52	54	55	57	61	62	63	46	44	50	58	52	42	42	42	51	51	39	39	49	58	61	54	52	62	39	32	....	50.9
Derry.	Maximum	89	78	79	85	86	85	89	89	79	90	77	75	81	83	69	68	65	63	61	84	76	76	77	85	87	79	82	81	82	63	....	78.8
	Minimum	74	61	47	62	56	59	65	66	66	60	63	49	48	65	59	54	51	51	56	53	59	40	58	62	66	65	68	69	53	41	..	58.2
Donegal[1].	Maximum	86	72	76	79	80	80	85	88	76	84	72	70	75	80	63	55	58	58	80	71	74	69	79	82	71	76	81	71	72	..	....	74.2
	Minimum	61	52	41	53	49	57	57	61	61	57	52	41	43	60	53	44	47	46	52	52	46	35	54	60	59	60	59	57	46	43	....	51.9
Donora[1].	Maximum	91	80	80	85	89	87	92	91	84	90	78	75	82	83	65	71	60	64	62	84	79	78	74	83	86	76	82	88	74	64	..	79.2
	Minimum	73	63	51	59	60	60	64	71	59	67	60	51	54	65	60	56	54	52	57	58	62	48	61	66	70	66	63	68	52	49	....	60.3
Eagles Mere/.	Maximum	85	77	70	76	79	80	80	80	77	74	75	75	78	79	65	55	49	60	63	66	68	58	55	66	75	65	75	80	75	55	....	70.5
	Minimum	62	58	52	51	51	57	58	61	63	63	65	49	47	52	56	48	40	40	42	49	50	40	40	49	54	64	52	57	64	30	....	52.1
East Waterford[6]-3 E.	Maximum	82	75	73	73	76	80	81	83	83	78	72	71	73	71	68	61	50	57	57	73	72	66	55	67	83	72	66	78	78	52	....	70.9
	Minimum	69	61	54	55	59	60	64	66	65	66	64	54	58	58	57	49	44	44	53	52	59	46	49	54	64	61	57	63	48	38	....	56.4
Ebensburg/.	Maximum	86	72	77	77	82	82	84	85	75	85	72	69	78	78	66	65	48	55	58	80	70	69	70	81	64	70	71	81	71	62	....	72.8
	Minimum	56	58	44	44	52	52	52	61	60	62	62	44	43	47	54	46	43	43	46	50	54	37	44	51	58	58	56	60	63	38	..	51.3
Emporium /-1 E.	Maximum	89	77	78	79	87	89	90	85	80	87	79	73	82	74	69	62	58	61	60	83	73	70	66	81	86	70	77	85	65	56	....	§75.3
	Minimum	60	52	50	50	64	55	55	58	61	65	65	47	47	49	57	47	42	45	46	55	53	40	45	56	61	62	52	60	58	32	....	§52 9
Ephrata.	Maximum	90	79	79	79	82	86	86	88	85	87	83	77	82	86	76	69	62	64	66	74	81	73	63	72	88	82	75	85	88	69	....	78.4
	Minimum	70	66	57	56	58	55	61	63	70	71	67	55	53	66	65	55	50	50	61	58	60	46	50	58	69	71	62	69	69	46	..	60.2
Erie[1].	Maximum	85	72	72	80	86	87	87	88	79	90	70	67	69	82	66	58	63	58	62	76	67	62	81	83	78	68	77	80	68	61	....	74.1
	Minimum	68	64	57	60	67	66	70	71	67	64	62	57	55	64	57	49	49	50	57	57	56	50	56	68	62	60	62	68	44	39	....	59.2
Everett[1]-0.5 SW.	Maximum	93	86	79	78	82	85	86	89	82	88	80	78	79	82	74	68	56	60	69	79	79	74	64	81	89	79	76	87	85	56	....	78.1
	Minimum	60	56	49	51	52	53	59	61	63	64	58	47	48	63	55	49	48	49	59	56	47	41	49	61	64	59	60	66	54	46	....	54.9
Farrell.	Maximum	95	91	82	90	94	96	96	94	92	92	92	76	84	83	73	68	64	59	66	82	75	77	77	87	86	76	78	83	78	63	....	81.6
	Minimum	73	60	52	54	60	58	67	75	74	65	60	52	54	64	58	50	52	51	58	62	54	44	60	69	65	66	64	70	49	42	....	59.4
Ford City /-4 S.	Maximum	89	76	83	82	85	86	88	89	81	82	76	72	80	81	66	66	51	63	62	82	74	77	76	83	85	74	77	88	70	60	..	76.8
	Minimum	59	60	51	51	52	53	55	61	65	64	63	48	48	52	57	53	50	49	51	55	55	41	41	55	64	65	57	58	65	45	....	54.8
Franklin/.	Maximum	87	74	77	82	86	87	90	83	82	85	74	75	80	79	66	65	57	61	62	80	73	72	77	85	81	74	74	85	62	76	....	76.4
	Minimum	60	61	51	51	51	55	56	60	66	61	61	47	47	51	57	45	45	48	45	45	54	42	42	55	64	63	56	58	61	37	....	53.2
Fredericksville-1 S.	Maximum	86	78	74	78	80	85	84	85	84	83	80	75	79	83	78	65	62	63	64	71	77	70	63	70	84	77	74	82	83	59	....	75.9
	Minimum	64	64	52	54	50	51	55	66	63	66	65	50	48	59	62	62	46	47	58	54	55	40	44	54	65	59	58	64	58	42	....	55.8
Freeland.	Maximum	83	79	72	73	79	84	85	85	80	78	75	70	74	71	70	62	52	55	58	71	70	65	58	63	78	74	69	77	72	58	....	§71.3
	Minimum	65	61	53	53	56	60	61	65	65	64	65	51	52	54	60	49	41	40	53	49	57	41	48	51	62	61	54	46	55	36	....	§54.3
George School[6].	Maximum	89	80	78	79	83	85	85	88	87	84	80	85	82	84	83	72	59	71	71	71	80	72	65	73	87	83	73	85	88	56	..	78.6
	Minimum	68	66	57	57	51	54	65	66	67	71	68	62	54	64	61	55	50	51	60	57	60	46	50	57	68	59	62	67	68	46	....	59.6
Gettysburg.	Maximum	88	84	77	75	78	83	84	85	83	81	80	76	80	83	76	70	64	64	65	75	80	76	68	71	82	81	76	84	86	93	..	77 9
	Minimum	69	67	58	59	57	57	63	65	65	70	61	55	53	64	65	55	52	51	60	59	61	49	52	60	67	69	65	69	69	46	....	60.4
Gordon.	Maximum	88	81	75	78	81	86	87	90	85	83	79	74	78	78	75	67	56	59	63	74	74	71	66	67	83	78	75	84	78	60	..	75.8
	Minimum	67	61	50	53	50	48	50	57	63	66	68	46	46	60	65	50	46	46	59	54	56	40	43	56	65	64	60	66	60	38	....	55.1
Greensburg-2 S.	Maximum	88	82	78	83	85	86	90	89	81	88	82	74	82	83	69	68	69	62	62	82	76	75	73	83	85	80	81	85	83	62	....	78.9
	Minimum	59	60	45	48	48	67	73	72	68	57	63	41	44	63	57	50	46	47	57	51	64	37	52	60	56	70	65	72	54	47	..	56.4
Hanover/.	Maximum	90	84	79	77	82	86	85	87	86	84	83	77	82	86	75	67	55	66	66	78	82	71	69	72	85	81	72	87	87	56	....	77.9
	Minimum	66	66	60	61	59	58	61	68	68	70	71	56	55	56	66	64	51	50	55	59	60	50	52	60	63	69	64	64	68	48	....	60.6
Harrisburg Arpt. [1]-3.5 S.	Maximum	89	78	80	80	81	86	89	90	86	86	82	76	82	85	76	67	56	63	65	80	80	71	61	71	86	79	72	87	86	60	....	77.7
	Minimum	69	62	57	59	58	56	61	65	67	69	62	57	53	64	60	56	49	50	60	58	57	48	51	58	68	65	63	69	50	45	....	58.9
Hawley-0.5 E.	Maximum	87	78	74	79	84	86	89	89	87	80	77	75	78	69	72	64	52	56	62	70	75	65	56	78	84	73	74	80	80	58	....	74.4
	Minimum	59	64	52	53	50	55	53	55	60	65	64	49	48	59	63	49	45	44	55	52	55	40	40	53	63	61	50	63	51	40	....	53 7
Hewitt-2 SW.	Maximum	90	87	77	78	80	82	82	88	82	86	78	77	78	84	75	66	62	60	67	79	79	72	63	83	87	74	79	87	87	66	....	77 8
	Minimum	59	45	46	51	51	58	53	60	64	65	64	44	44	64	61	47	48	50	58	54	55	38	49	60	64	64	59	62	59	47	....	54.8
Holtwood[1].	Maximum	90	79	79	80	85	90	86	86	83	86	83	79	82	85	77	70	60	70	67	73	81	68	64	72	86	79	72	85	88	61	....	78.2
	Minimum	72	66	64	62	64	64	70	68	73	73	68	63	59	70	65	60	55	56	62	61	59	53	55	61	66	67	65	69	57	51	....	63.3
Huntingdon.	Maximum	92	79	78	80	85	88	88	90	85	88	79	76	82	81	74	67	59	60	63	82	78	72	61	80	88	79	70	87	83	59	....	77.8
	Minimum	62	65	48	48	58	56	57	50	66	66	67	48	50	63	60	48	49	48	58	57	57	40	47	59	63	66	57	65	58	43	..	55.8

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum																					73	73	76	81	84	80	73	85	71	75		
	Minimum	66	59	57	57	57	59	63	66	64	62	63	46	52	64	57	53	48	47	54	56	55	43	47	62	63	62	59	63	52	44		56.6
Irwin	Maximum	91	81	82	82	88	88	91	91	80	88	85	76	83	82	75	69	65	59	61	82	79	76	72	81	85	83	80	86	86	61		79.6
	Minimum	68	61	49	53	55	53	60	67	66	61	62	47	50	65	57	51	50	50	56	56	57	40	58	63	65	63	58	64	51	46		56.7
Jamestown/-2 NW	Maximum	87	73	75	84	87	90	88	86	84	88	75	75	81	80	67	62	58	57	63	76	72	72	78	84	80	72	78	82	80	62		75.8
	Minimum	66	59	50	52	56	57	61	66	66	56	56	46	49	57	56	42	47	48	50	54	43	37	39	55	61	60	59	60	54	35		53.2
Johnstown/	Maximum	90	77	78	82	85	86	88	89	88	89	78	76	79	83	69	68	55	61	60	84	76	77	73	85	87	77	78	87	79	58		78.1
	Minimum	68	64	51	54	54	56	59	63	63	63	67	49	49	52	61	55	49	50	54	57	59	43	47	61	60	61	61	61	63	41		56.5
Kane[1]-1 N	Maximum	86	70	70	77	83	85	86	74	75	82	72	68	76	75	66	59	53	63	57	78	68	68	65	79	80	66	68	81	66	60		71.9
	Minimum	60	48	46	47	48	46	49	56	57	57	43	38	40	60	50	38	40	45	52	54	37	31	44	49	58	45	45	59	40	30		47.0
Lancaster	Maximum	88	87	85	78	81	83	83	86	83	84	84	81	80	84	77	71	67	65	66	75	75	76	69	72	85	82	77	84	86	80		79.1
	Minimum	67	64	54	53	54	54	58	60	68	62	67	53	50	62	62	54	49	49	58	56	55	44	46	56	64	65	60	66	67	46		57.5
Lawrenceville	Maximum	87	83	75	80	90	92	94	93	85	86	82	75	81	73	74	66	54	57	61	81	74	65	59	78	86	80	70	86	74	62		76.8
	Minimum	54	62	50	48	53	56	53	60	60	66	67	46	50	60	58	48	41	45	55	55	48	38	48	57	62	60	46	55	46	32		52.6
Lebanon /	Maximum	90	79	80	81	84	88	89	90	86	89	83	78	83	85	78	69	53	63	66	78	80	74	62	71	89	79	75	87	88	63		78.7
	Minimum	66	67	56	58	57	56	59	63	68	70	71	54	53	55	65	55	50	50	52	58	57	46	50	53	58	70	62	63	67	45		58.5
Lewistown/-2 SW	Maximum	93	80	78	78	84	86	88	87	84	85	78	75	79	79	75	67	62	63	65	80	78	71	60	79	87	78	69	86	80	59		$77.1
	Minimum	60	66	52	49	53	56	56	58	64	65	62	51	50	51	63	53	49	49	49	57	59	44	43	53	58	64	58	66	58	40		$55.2
Lock Haven[6]	Maximum	91	83	78	80	88	90	90	87	85	88	80	78	84	75	77	67	52	60	62	79	78	73	62	79	89	74	70	88	77	64		77.6
	Minimum	65	65	50	52	55	57	57	63	65	67	67	48	50	61	60	50	47	46	58	57	55	40	48	59	64	65	54	64	52	3		55.9
Marcus Hook[1]	Maximum	95	84	78	79	89	86	88	91	90	94	90	81	86	90	80	73	60	73	71	72	82	76	65	76	93	92	90	93	88	69		$82.5
	Minimum	74	69	62	60	59	61	68	70	71	73	71	64	61	67	66	59	56	58	60	61	61	61	57	66	71	72	70	70	57	50		$63.9
Martinsburg[1]	Maximum	86	75	75	75	80	83	82	86	78	85	74	71	76	80	73	64	61	58	60	79	73	70	60	79	85	76	70	83	79	55		74.4
	Minimum	65	54	49	56	56	53	62	61	62	61	55	48	49	62	56	51	47	47	55	55	60	43	53	59	59	64	54	64	48	41		55.1
Mauch Chunk-1 SW	Maximum	86	82	72	74	78	81	83	85	82	81	79	74	75	74	72	67	62	55	65	67	74	73	54	65	78	78	73	81	82	60		$73.7
	Minimum	60	65	53	54	50	52	51	66	61	66	69	49	46	70	66	55	46	47	55	54	56	42	47	53	63	58	56	60	45	40		$55.2
Meadville /-1 S	Maximum	88	72	76	85	88	89	91	88	84	87	72	72	81	80	66	61	59	56	63	78	71	73	80	84	80	72	76	83	52	62		75.6
	Minimum	64	58	45	49	52	52	56	65	67	57	55	46	45	50	57	40	43	47	50	54	50	39	39	55	62	60	57	59	52	34		52.0
Mercer[1]-2.5 NE	Maximum	88	74	75	83	86	88	90	84	82	85	72	72	80	80	65	61	56	58	62	78	72	70	76	82	79	69	75	82	68	60		75.1
	Minimum	64	52	47	52	57	58	62	67	61	58	46	45	48	60	52	44	46	47	53	55	44	39	53	62	64	59	58	65	43	38		53.3
Middletown[1]-1.5 W	Maximum	90	82	79	77	82	85	87	88	84	84	81	76	81	85	76	68	58	67	64	77	79	70	61	70	85	80	71	87	85	59		77.3
	Minimum	69	64	55	56	58	56	59	65	66	68	60	53	53	62	61	54	48	49	60	58	58	48	49	57	65	60	60	67	51	46		57.8
Midland[6]	Maximum	89	76	77	84	86	88	90	88	82	88	75	74	82	80	72	68	61	61	69	80	74	72	75	81	82	72	80	82	70	64		77.4
	Minimum	65	61	52	54	57	59	65	66	62	64	56	48	56	62	55	55	53	51	56	53	55	45	56	64	64	63	61	63	49	48		57.3
Montrose/-3 E	Maximum	83	68	74	74	81	84	86	85	83	80	74	73	74	72	70	55	50	55	58	68	70	62	55	70	80	66	71	80	70	60		71.0
	Minimum	62	60	53	53	54	56	59	60	63	65	65	48	50	51	56	48	40	43	47	48	48	40	43	47	54	61	50	55	63	32		52.5
Mt. Lebanon[6]	Maximum	90	77	78	84	85	86	90	88	82	89	77	71	81	80	67	66	58	58	61	83	77	72	73	83	85	73	80	85	73	60		77.1
	Minimum	70	60	48	57	58	61	65	69	66	64	57	48	54	62	56	53	50	49	55	57	57	46	58	64	66	63	61	65	48	45		57.7
Mt. Pocono[1]-2 N	Maximum	82	68	72	74	77	82	85	84	78	79	73	70	74	69	68	58	48	56	59	69	72	63	52	64	79	68	71	75	79	56		70 1
	Minimum	63	54	51	53	52	56	57	61	62	64	56	48	48	58	53	45	42	41	51	48	46	39	41	50	64	58	54	61	41	38		51.8
New Bloomfield	Maximum	88	85	78	78	82	86	87	88	86	84	82	76	81	79	75	68	59	60	63	75	80	74	70	70	85	80	75	86	84	61		77.5
	Minimum	64	62	48	53	50	51	53	58	63	64	67	45	45	60	63	49	47	47	57	55	54	41	44	56	65	65	55	66	65	40		55.1
Newburg[1]-3.5 NW	Maximum	88	81	85	80	81	84	87	86	86	86	78	75	82	82	74	68	54	62	66	78	82	72	59	70	86	80	78	86	86	56		77.3
	Minimum	67	52	51	52	54	54	60	64	63	62	56	50	50	60	58	52	49	48	58	56	58	44	50	58	64	60	58	66	56	46		55.9
New Castle-1.5 N	Maximum	91	90	79	87	88	90	90	88	87	90	78	74	82	80	71	65	65	61	64	81	75	73	76	85	83	72	78	85	79	67		79.1
	Minimum	66	61	49	49	53	60	60	62	67	60	57	47	50	64	55	50	47	49	51	58	52	40	52	64	65	62	59	66	50	46		55.7
Palmerton[1]	Maximum	87	73	74	76	80	84	86	85	81	82	80	75	76	73	73	64	56	58	64	70	77	68	57	66	83	76	73	81	82	58		74.1
	Minimum	68	57	51	57	54	56	56	60	66	69	60	52	51	64	62	56	47	47	52	55	54	44	47	56	66	60	58	67	48	43		56.1
Park Place[1]-1 NW	Maximum	89	75	72	73	77	81	88	83	79	79	76	71	73	71	70	60	48	57	60	69	73	63	53	65	78	71	69	77	78	56		71.1
	Minimum	65	60	53	54	57	61	62	65	65	64	62	52	63	56	56	46	41	41	52	50	58	41	47	51	62	57	54	62	44	34		54 5
Philadelphia Arpt [1]	Maximum	90	79	77	80	84	85	85	86	88	86	81	77	82	85	78	69	57	72	72	72	80	72	63	74	87	83	73	84	87	56		78.1
	Minimum	70	62	60	56	52	58	66	68	70	71	65	61	55	64	64	57	51	54	61	62	58	49	49	59	69	66	65	69	54	48		60 4
Philadelphia C.O.[1]	Maximum	90	80	77	80	83	84	87	86	86	86	84	80	82	86	76	72	58	72	70	71	81	74	62	75	88	84	74	84	86	56		78.5
	Minimum	71	67	63	61	62	65	69	69	71	72	70	65	63	66	66	58	53	57	61	60	61	55	54	60	69	70	67	69	56	49		63.3
Phila. Shawmont	Maximum	92	83	80	80	84	87	86	88	87	85	82	78	83	85	77	70	67	70	72	73	80	79	72	74	87	85	79	83	87	78		80.4
	Minimum	69	67	58	55	54	57	64	66	70	71	71	60	54	62	66	56	52	53	62	58	60	47	50	58	64	70	63	68	70	50		60.8
Philipsburg[1]-7 E	Maximum	85	72	71	72	79	81	80	84	76	79	72	68	74	71	64	62	48	57	57	75	70	66	56	73	81	69	64	80	73	56		70. 5
	Minimum	62	47	39	56	50	47	52	56	58	58	45	36	38	59	55	45	43	43	52	52	43	33	50	56	64	55	55	63	41	34		49.6
Phoenixville-1.5 SE	Maximum	96	91	84	85	90	85	87	91	94	90	86	85	85	91	89	77	71	76	78	80	85	83	76	78	91	89	85	90	95	90		85. 8
	Minimum	66	64	52	50	53	55	59	62	69	71	69	54	49	63	66	53	51	52	62	59	59	42	46	59	66	72	60	65	62	60		59.0
Pittsburgh Arpt Sta.	Maximum	88	77	77	85	84	86	88	87	81	89	75	74	79	80	65	66	57	61	62	81	76	74	73	82	84	73	81	84	71	60		76.7
	Minimum	65	59	55	60	62	62	66	67	67	64	58	54	53	62	57	54	49	49	56	57	54	46	57	64	66	62	61	66	47	43		58.1
Pittsburgh City Office[1]	Maximum	90	77	78	84	86	87	89	89	83	89	77	76	81	82	68	67	59	61	64	84	77	74	75	83	86	75	81	86	72	61		78.0
	Minimum	69	61	56	60	63	62	68	69	70	68	61	56	58	65	61	57	52	51	58	59	56	49	60	68	67	64	62	70	49	47		60.5
Port Clinton/	Maximum	86	76	77	76	80	86	86	85	82	83	80	74	78	79	75	66	54	63	66	72	78	71	59	71	82	77	74	82	84	56		75.3
	Minimum	66	63	53	51	52	52	54	57	67	67	69	50	48	60	63	55	48	48	52	55	56	44	45	49	57	67	57	64	52	39		55.4
Putneyville-2.5 SE	Maximum	87	80	72	80	84	86	87	87	78	85	75	70	77	78	68	62	57	60	59	80	74	68	75	81	83	73	73	83	76	60		75.3
	Minimum	67	59	47	53	58	52	59	61	63	63	60	41	45	61	55	52	46	45	52	54	52	36	52	60	60	61	55	61	48	40		53.8
Quakertown-0.5 E	Maximum	87	82	76	76	81	84	82	87	86	85	78	77	79	84	81	67	61	64	68	69	76	72	67	70	84	79	75	82	84	62		76.8
	Minimum	68	67	50	67	48	50	54	56	65	66	66	52	47	61	63	52	47	47	59	54	53	41	44	54	66	69	57	64	60	43		56.3
Reading[1]	Maximum	90	80	80	79	84	87	88	88	85	86	84	78	82	85	76	70	58	63	68	75	81	73	60	71	87	81	73	85	86	61		78.1
	Minimum	69	64	58	59	59	58	62	65	70	71	68	59	56	65	63	58	51	52	60	59	58	50	52	58	69	65	64	67	52	47		60.3
Ridgway /	Maximum	87	75	75	80	88	88	89	82	79	86	77	73	82	78	65	67	52	62	60	82	72	73	68	82	84	68	70	84	66	65		75.3
	Minimum	54	58	49	45	48	50	50	53	53	59	62	41	41	46	56	42	41	43	45	53	53	35	37	52	55	55	46	52	57	34		48.8
Scranton[1]	Maximum	90	72	75	79	84	88	90	91	86	84	79	75	80	75	74	62	51	59	63	73	77	66	60	74	85	73	78	84	77	61		75.5
	Minimum	67	60	56	59	55	58	58	62	67	69	64	52	52	62	62	51	47	47	55	54	55	47	47	58	68	57	56	67	45	41		56.6
Selinsgrove	Maximum	88	81	79	79	81	86	89	86	85	82	82	79	79	79	74	69	62	62	64	74	77	71	64	68	84	82	73	83	81	63		76.9
	Minimum	66	65	56	49	54	54	56	60	64	65	68	49	50	60	65	51	48	47	57	56	56	41	45	57	64	64	52	65	53	38		55.8
Somerset	Maximum	85	78	74	79	80	79	83	84	76	84	81	71	73	79	71	63	59	59	58	79	72	72	69	80	82	80	76	83	80	54		74.8
	Minimum	61	58	40	40	44	51	56	56	57	54	58	41	42	61	55	46	46	47	53	52	58	35	53	58	51	60	54	58	54	43		51.4
Springs[6]-1 SW	Maximum	82	69	70	74	75	75	80	80	75	81	69	74	70	76	68	60	56	57	56	75	70	70	67	78	80	69	73	80	75	53		71.2
	Minimum	56	55	43	49	47	53	60	57	56	61	52	42	44	60	54	45	45	45	50	46	50	36	49	57	53	54	54	53	49	43		50 6
State College[1]	Maximum	89	75	74	78	83	84	85	87	79	83	76	75	77	76	71	63	51	59	59	78	74	71	59	75	85	73	68	84	77	59		74 2
	Minimum	73	58	51	60	56	55	60	62	63	64	57	50	49	61	60	50	46	46	56	56	52	41	53	58	67	60	56	68	47	38		55.8
Stroudsburg-2 E.	Maximum	91	88	78	80	84	88	90	93	89	82	81	81	81	80	75	70	66	68	65	70	80	78	70	67	85	85	81	83	85	75		79.6
	Minimum	61	66	51	54	50	45	54	57	61	67	69	52	49	60	66	52	48	47	57	55	50	40	42	55	63	66	55	65	63	43		55.4
Tamarack /-2 S.	Maximum	83	69	62	71	79	80	83	81	75	78	73	69	78	67	63	56	46	55	54	79	70	64	57	71	80	63	64	81	66	55		68.9
	Minimum	60	57	50	50	55	57	59	62	61	62	63	46	47	51	55	46	40	41	46	51	52	43	43	48	57	61	51	54	63	32		52.1
Tionesta /-1.5 SE	Maximum	86	71	74	80	84	86	88	80	80	84	72	70	78	78	72	62	62	60	60	78	69	72	78	82	81	70	70	82	62	60		74 4
	Minimum	59	60	52	49	54	54	55	59	64	62	61	45	45	49	56	44	45	47	48	53	54	40	49	53	61	61	52	55	62	30		52.6
Titusville-2 S.	Maximum	86	83	74	82	86	88	90	89	81	84	81	71	78	78	67	61	60	51	60	78	70	71	77	82	80	72	71	81	78	62		75.9
	Minimum	67	58	45	53	56	53	58	65	64	54	56	45	44	62	55	39	43	47	52	54	52	34	48	63	63	58	55	65	45	31		52.8
Towanda-1 E.	Maximum	88	77	78	80	89	90	92	92	90	87	81	78	80	73	75	64	53	57	63	81	75	66	59	75	82	77	75	85	74	61		76.6
	Minimum	67	63	54	50	52	54	53	56	65	67	67	45	49	60	62	51	42	45	55	54	51	40	41	58	63	60	47	64	47	32		53.8

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Daily Temperatures for September 1945—Continued from page 71.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum..	90	84	82	85	90	88	90	92	82	89	79	78	84	83	72	68	64	60	60	85	79	79	73	83	86	80	83	86	81	67	....	80.1
	Minimum..	69	64	49	59	56	66	66	67	65	63	62	50	52	67	59	52	53	51	56	50	63	45	61	63	65	65	65	65	57	49	..	59.1
Vandergrift[1]	Maximum..	92	79	81	86	89	90	92	92	82	91	78	76	82	83	67	68	59	63	62	84	79	76	79	83	88	75	80	87	73	62	....	79.3
	Minimum..	68	59	51	52	55	55	60	67	67	65	58	48	51	56	51	53	50	50	57	59	52	42	56	65	64	64	60	65	49	46	....	56.5
Warren	Maximum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	72	72	68	84	82	71	73	85	76	65	....	§§
	Minimum..	66	59	52	51	56	55	58	63	64	62	60	46	49	62	56	45	43	47	52	52	55	41	49	61	64	58	51	65	43	33	....	53.9
Waynesburg	Maximum..	89	79	82	84	90	90	90	91	80	88	82	74	81	79	67	70	64	59	59	81	78	77	73	81	85	76	83	85	83	63	..	78.8
	Minimum..	71	61	48	53	52	56	60	67	65	62	60	46	48	64	56	50	52	50	55	53	53	44	58	64	66	63	57	62	54	46	....	56.5
Wellsboro/	Maximum..	88	75	78	77	89	90	92	94	87	87	80	79	81	73	71	62	52	56	58	79	73	67	58	73	86	70	69	86	70	62	....	75.4
	Minimum..	56	58	47	48	49	49	50	52	58	62	65	42	42	48	59	47	45	41	44	47	49	35	35	50	58	63	42	46	65	29	....	49.4
West Chester	Maximum..	89	81	79	79	83	85	85	87	88	87	83	77	82	87	79	70	61	72	72	75	80	74	61	73	87	82	73	85	88	61	....	78.8
	Minimum..	68	61	58	56	55	58	63	68	70	70	70	58	54	64	64	54	50	51	60	57	62	47	51	57	67	70	64	69	52	47	....	59.8
Wilkes-Barre[1]	Maximum..	90	75	75	80	85	91	90	90	85	86	80	78	81	78	75	62	51	58	66	74	78	67	60	73	87	73	78	84	78	64	....	76.4
	Minimum..	68	58	55	53	55	55	56	58	64	68	60	50	52	60	60	49	48	47	56	53	52	44	47	56	66	55	56	65	47	42	....	55.2
Williamsport Arpt.[1-4 E]	Maximum..	89	77	78	77	84	86	88	87	82	82	80	74	79	75	75	63	53	61	63	73	75	70	59	69	85	70	70	84	77	60	....	74.8
	Minimum..	67	56	53	56	54	57	65	62	65	70	59	49	51	62	61	50	47	48	59	63	48	44	48	59	68	53	52	66	47	36	..	55.8
Williamstown	Maximum..	88	87	85	87	80	87	88	88	88	85	84	76	81	82	79	69	60	61	63	77	77	76	71	78	86	83	75	86	82	66	....	79.2
	Minimum..	71	69	60	64	62	60	62	71	71	70	61	55	52	63	59	55	47	47	59	56	60	44	44	57	67	61	55	67	56	40	....	§58.8
Woodward[1-2 NE]	Maximum..	84	69	73	73	79	85	83	84	82	78	72	70	75	73	68	58	48	57	57	73	70	66	55	70	81	67	66	79	73	53	..	70.7
	Minimum..	66	54	50	58	58	59	63	64	64	62	55	49	52	55	52	44	42	45	52	50	47	42	48	53	64	55	55	62	40	32	....	53.1
York-3 SW	Maximum..	92	87	82	81	85	89	90	91	89	88	88	81	84	88	77	73	66	70	67	82	83	80	75	78	89	89	79	89	88	85	....	82.8
	Minimum..	70	66	54	56	55	53	61	62	67	69	71	52	51	64	66	54	52	51	60	59	58	49	50	59	68	69	62	67	68	48	....	59.7

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.60	30	29.69	11	7.6	21	sw.	11	84	66	82	54	83
Harrisburg	30.56	30	29.69	11	6.7	24	s.	14	87	61	78	55	57
Philadelphia	30.58	30	29.66	11	6.8	25	sw.	1	90	66	61	37	31
Philipsburg	30.57	30	29.72	11	8.6	30[a]	e.	18	93	70	87	....	182
Pittsburgh	30.49	30	29.70	11	9.3	31	nw.	10	88	61	75	49	62
Reading	30.58	30	29.67	11	9.9	29	s.	1	85	60	59‡	45	44
Scranton	30.59	30	29.67	11	5.7	22	nw.	21	85	64†	....	36	83

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.3	5.7	20	2.0	9	18
Easton	Delaware	4.1	8.6	20	2.2	9	22
Lehighton	Lehigh	3.7	5.5	19	3.0	9	9
Reading	Schuylkill	6.1	12.5	19	4.1	9	13
Wilkes-Barre	N. Br. Susquehanna	4.6	10.8	20	2.2	1	22
Williamsport	W. Br. Susquehanna	1.8	7.0	20	0.0	9	20
Newport	Juniata	4.8	11.6	19	3.3	8	22
Harrisburg	Susquehanna	4.2	6.3	20	3.3	7	17
Schenley, (nr) Lock No. 5.	Allegheny	13.1	17.4	27	11.1	8†	24
Sutersville	Youghiogheny	4.8	9.9	24	2.6	1	20
Charleroi (nr.), Lock No. 4	Monongahela	14.5	23.9	19	11.0	2	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	19.2	19	*	.....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Hawley, 1 S.	"	Wallenpaupack Dam (Evaporation)
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Shaver Creek (Evaporation)
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—11-20-45—975)

NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

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VOL. L. OCTOBER 1945. No. 10.

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GENERAL SUMMARY.

The past month of October—usually a pleasant and invigorating period between summer and winter—was, this year, on the coolish side, with more than the average number of rainy days, the low temperatures and rainy days being concentrated particularly in the first half. In the last half of the month, many excellent days were a welcome relief—although by the close, the daytime maxima approached the records for high temperatures so late in the season, while new early season lows occurred at the beginning. Such features are now nothing more than routine, since 1945 continues to reveal unusual and contrasting conditions as each month develops.

Precipitation for the State as a whole was less than normal, but stations in most northwestern counties recorded the wettest October in twenty years. These high values, five to six inches and over, have mostly overcome the deficiencies accumulated in that area since the first of the year. The accumulated excess for the State for the first ten months is now 5.13 inches.

Heavy rain on the first two days of the month, particularly in the Ohio River Basin, caused some local flooding in Erie County, and moderate rises on the Allegheny River. The first traces of snow were noted on the third. This date is rather early, although in 1942, 1943, and four other years, first reports of snow came in late September. The following morning, freezing temperatures were quite general throughout the State, closing the growing season. Thermometers at some stations southeast of the mountains recorded the lowest temperatures of record for so early in the fall season. The first significant snow fell on the 8th and 9th in the north-central counties, while heavy rain fell elsewhere. Until the sixteenth, with cloudy skies and low temperatures prevailing, the conditions resembled the raw weather of early November. Thereafter, the days were clear and mild, with the exception of the stormy 24th-25th. The warmest day of the month was the 19th, but maxima on the closing days were so high that hunters were fearing it would be too hot to hunt, when the season opened on November 1.

The number of forest fires reported to Forestry officials during the month reached a new 20 year low.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 51.0°, which is 1.5° below the 58-year normal for October. The highest monthly mean was 60.2° at Marcus Hook, and the lowest was 45.1° at Kane. Extremes ranged from a maximum of 85° at Donora and Hewitt on the 1st, and at Marcus Hook and York on the 19th, to a minimum of 20° at Philipsburg on the 11th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 201 stations, was 2.75 inches, which is 0.52 inch below the 58-year normal for October. The greatest monthly amount was 6.96 inches at Pennline, while the least was 0.50 inch at Hyndman. The greatest amount recorded in any 24 consecutive hours was 2.25 inches at Erie on the 1st-2d.

The average snowfall for the State was a trace, which is 0.2 inch below the 58-year normal. The greatest monthly snowfall was 0.5 inch at Monroeton. The greatest fall for any observational day was 0.5 inch at Monroeton on the 14th.

ERRATA

September, 1945.—Page 68, Home, precipitation on the 28th should be 0.00, on the 29th, 0.07 inch.

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more ppcp.	Clear	Partly cloudy	Cloudy
1888	46.3	74	19	4.02	T.	16	9	6	16
1889	47.3	83	13	3.85	0.2	10	8	9	14
1890	50.9	81	21	5.87	0.3	15	6	8	17
1891	50.6	91	15	3.06	T.	8	11	9	11
1892	50.8	83	16	0.72	T.	6	13	11	7
1893	53.0	91	17	3.26	T.	8	14	8	9
1894	53.6	88	24	4.26	T.	9	12	8	11
1895	47.3	76	17	1.99	0.3	5	17	8	6
1896	48.9	86	18	3.19	T.	9	11	8	12
1897	54.2	95	16	1.32	T.	5	14	8	9
1898	53.8	92	20	5.20	T.	12	11	7	13
1899	54.6	94	15	1.55	0	6	13	8	10
1900	58.6	95	19	2.74	0	8	11	9	11
1901	52.2	83	20	1.23	T.	5	16	10	5
1902	53.1	89	19	4.64	0.1	9	12	9	10
1903	53.4	91	20	4.64	0.1	9	12	8	11
1904	50.6	91	12	2.87	T.	7	15	8	8
1905	53.2	90	16	4.23	T.	9	14	7	10
1906	52.0	87	14	4.46	1.1	14	7	7	17
1907	48.2	87	13	3.16	T.	7	16	8	7
1908	54.6	93	19	1.95	T	6	16	7	8
1909	48.4	87	15	2.27	T.	7	13	7	11
1910	55.6	91	14	1.91	0.5	7	16	8	7
1911	52.3	83	18	4.83	T.	11	11	7	13
1912	54.2	90	23	2.74	T.	7	15	7	9
1913	54.9	88	16	5.44	0.2	13	10	6	15
1914	56.4	91	11	2.35	T	9	11	9	11
1915	54.2	85	17	2.65	T.	8	15	7	9
1916	52.1	92	16	2.25	T.	6	18	7	6
1917	47.2	84	12	6.38	1.7	13	10	10	11
1918	55.5	85	19	3.17	0	10	15	8	8
1919	57.5	92	21	4.77	0	17	9	8	14
1920	57.5	88	22	1.67	T.	5	19	7	5
1921	52.6	84	18	2.16	0	8	17	7	7
1922	54.8	94	12	2.51	T.	7	18	6	7
1923	51.0	87	12	2.38	T.	8	15	8	8
1924	52.9	87	14	0.28	0	2	21	7	3
1925	46.1	83	9	4.83	3.8	15	6	8	17
1926	51.9	90	16	4.51	0.2	14	10	9	12
1927	55.6	99	21	6.40	0.1	9	17	5	9
1928	55.1	91	15	1.78	0.1	8	14	8	1
1929	50.6	85	14	5.59	T.	9	12	8	11
1930	50.8	93	9	0.99	0.2	6	15	7	9
1931	55.7	93	20	1.83	T.	9	15	8	8
1932	53.8	86	20	5.31	T.	11	10	7	14
1933	51.6	90	11	1.91	T.	8	16	9	6
1934	51.8	84	11	1.46	0.6	6	17	7	7
1935	53.0	89	16	2.77	T.	9	16	8	7
1936	54.0	87	11	3.69	T.	11	13	6	12
1937	50.6	89	12	5.84	0.1	14	8	8	15
1938	54.5	91	16	1.81	T.	6	18	6	7
1939	53.6	92	15	3.88	T.	11	13	7	11
1940	50.0	85	10	2.03	1.1	8	12	8	11
1941	57.0	100	19	2.77	T.	13	9	9	13
1942	53.9	88	15	1.51	0.1	12	13	7	11
1943	50.1	89	17	5.63	0.3	13	11	5	15
1944	50.8	90	12	3.14	T.	10	13	9	9
1945	51.0	85	20	2.75	T.	12	13	8	10
Period	52.5	100	9	3.27	0.2	9	13	8	10

Climatological Data for October 1945

Station	County	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	52.0	−1.0	81	19	30	4	2.36	−0.94	0.88	6-7	0	10	8	14	9	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	51 6	−0.5	81	19	27	4	2.95	+0.06	0 59	2	0	14	19	8	4	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	51.0	.....	82	19	22	15	1.07	...	0.38	8-9	0	10	16	2	13	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	478	77	53.8	+0.7	79	19	30	4	1.20	−2.18	0.34	2†	0	10	20	2	9	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	53.0	−0.4	81	19	28	4†	1.09	−2.20	0.39	8	0	9	18	6	7	s.	Charles A. Bender.
Coatesville	Chester	431	58	54.6	−0.4	79	19	33	4	1.93	−1.50	0.63	6	0	10	16	4	11	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	3	46 8	.....	75	22	24	15	2.98	...	1.29	1-2	0.1	14	9	5	17	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	47.0	.....	75	22	28	4†	4.13	.....	1.64	1-2	T.	14	10	10	11	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	51.1	.....	78	19	30	15	1.56	...	0.48	9	0	10	14	7	10	nw.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	59	50.2	−0.2	82	19	27	15	4.05	−0.84	1.83	1-2	T.	16	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	54 3	−0.2	78	19	31	4	1.72	−1.49	0.91	8-9	0	6	13	12	6	sw.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	50.6	−1.2	81	19†	26	15	1.10	−1.65	0.42	24	0	11	18	8	5	nw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	49 1	+1.3	79	19	29	4	2.46§	−1.59	0.80	8-9	0	10	.....	.....	.....	.....	Andrew B. Evansha.
George School	Bucks	184	39	53 6	−1.7	79	19	29	28	2.66	−0.56	0.75	25	0	10	19	5	7	w.	George M. Hart.
Gettysburg	Adams	500	72	54.5	+0.9	80	19	29	16	0.53	−2.80	0.15	9	0	7	21	5	5	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	50 0	−0.8	80	19	25	4†	2.87	−1.31	1.07	8-9	0	10	18	4	9	sw.	Miss Sallie M. Johnson.
Hanover	York	600	41	54.8	−1.3	82	19	31	15	1 16	2.01	0.36	8-9	0	10	20	4	7	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	53.9	−0.9	82	19	31	4	1.07	−1.86	0.35	1-2	0	9	13	8	10	w.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	49 8	+0 3	81	19	25	4	2.79	−0 61	1.27	8-9	T	11	12	10	9	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	55.6	−1.0	81	18	37	4	1.28	- 1.43	0.73	8-9	0	10	15	9	7	s.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	51.6§	−1 1	82	19	27	15	2 07	0.85	0.57	8	0	9	14	5	12	nw.	Paul R. Yoder, Jr.
Lancaster	Lancaster	266	58	52.8	−0.8	80	19	25	4†	2 08	−1.09	1 05	8-9	0	9	18	9	4	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	50.2	−0.4	82	19	25	28	3.38	+0.54	0.83	8-9	T.	11	10	13	8	n.	Carlos P. Darling.
Lebanon	Lebanon	469	61	53.4	−0.3	82	18†	28	15	1.66	−1.90	0 52	8-9	0	9	18	10	3	sw.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	7	53.0	.....	82	19	28	15	2.02	.....	0 69	1-2	0	12	5	18	8	.....	American Viscose Co.
Lock Haven	Clinton	557	54	51.8	−1.6	81	18†	28	15	2.94	−0 26	0.86	8-9	0	12	15	8	8	e.	William R. Kelley.
Marcus Hook†‡	Delaware	12	19	60.2	+0.9	85	19	37	4	1.96	−0.96	0.60	23-24	0	12	9	8	11	nw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	51.2	.....	77	18	28	11	1.60	.....	0.48	23-24	0	11	9	8	14	nw.	U. S Weather Bureau
Montrose-3 E	Susquehanna	1,176	40	46.6	−2.4	76	19	25	4	3.95	+0.28	1.24	1-2	T	11	11	2	18	s.	Harry S. Fancher.
Mt. Pocono Arpt -2 N.	Monroe	1,914	4	47.0	.....	77	19	21	4	3 60	.....	1.16	8-9	T.	15	9	12	10	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	50.0	−2 1	80	19	28	4†	2.77	−0 60	0.98	8-9	0	12	8	8	15	sw.	New Jersey Zinc Co.
Philadelphia	Philadelphia	10	4	57.2	−0.6	80	19	38	15	1.90	−0.91	0.96	23	0	7	13	9	9	sw.	U. S. Weather Bureau.
Philadelphia	Centre	1,916	3	46.4	.....	76	19	20	11	2.83	.....	0.92	23-24	0 2	14	10	7	14	w.	U. S. Weather Bureau.
Philipsburg-7 E.	Chester	100	36	55.1§	−0.2	.....	.....	27	28	1.38	−1.90	0.55	9	0	6	22	5	4	w.	Phila.-Suburban Water Co.
Phoenixville-1.5 SE.	Schuylkill	407	7	50.3	−3.0	81	19	27	4	2.45	-1 52	1.10	8-9	0	8	21	1	9	n.	Earl E. Rarick.
Port Clinton†‡	Bucks	480	60	50.6	−1.6	78	19	25	4†	1.91	−1.51	0.49	6-7	0	8	17	7	7	w.	John E. Benner.
Quakertown-0.5 E.	Berks	273	75	55.0	−0.4	83	19	34	4	1 77	−1 35	0.95	8-9	0	9	12	11	8	nw.	U. S. Weather Bureau.
Reading	Lackawanna	746	51	51.0	−0 9	79	19	29	4	3 29	+0 26	0 97	8-9	0	14	10	10	11	sw.	U. S. Weather Bureau.
Scranton	Snyder	476	55	51.4	−1 5	80	19	26	4	2 20	−1.28	0.81	1-2	0	10	13	9	9	sw.	Dr. George E. Fisher.
Selinsgrove	Centre	1,217	60	51.1	−0 2	78	19	28	4†	2.26	−0 66	0.62	1-2	0	11	11	9	9	sw.	Penna. State College.
State College	Monroe	440	26	52.0	0.0	82	19	25	4	2.40	−1.31	0.76	8-9	0	11	11	10	10	w.	Metropolitan Edison Co.
Stroudsburg-2 E.	Clinton	2,250	5	47.1	.....	76	18	28	4†	2 85	.....	0.87	23-24	T.	14	9	11	11	nw.	James E. Swartz.
Tamarack-2 S.	Bradford	754	51	50.6	−0.3	81	19	24	4†	2.85	−0.17	1.30	8-9	T.	14	9	9	13	w.	Mrs. M. Ordelia Parks.
Towanda-1 E	Tioga	1,319	75	46.9	−1.9	79	18†	22	4†	3.12	+0.14	1.03	1-2	0	13	11	6	14	w.	M. S. Bliss.
Wellsboro	Chester	440	96	54.9	+0.3	80	29	31	4†	1.98	−1.64	0.65	23	0	6	16	8	7	w.	Clyde T. Saylor.
West Chester	Luzerne	543	7	50.6	.....	82	19	27	28	3 52	+0.42	1.28	8-9	0	12	14	0	17	s.	Civil Aeronautics Authority
Wilkes-Barre†‡	Lycoming	520	1	50.5	.....	78	19	29	28	3.79	.....	1.28	1-2	0	12	10	9	12	sw.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Dauphin	775	29	52 1§	−1.1	83	19	25	4	1.89	-1.89	0.67	8-9	0	7	9	13	9		Gordon E. Lower.
Williamstown†‡	Centre	2,191	4	48.6	.....	76	19	27	15	2.85	.....	0.96	1-2	T	11	9	9	13	w.	U. S. Weather Bureau.
Woodward-2 NE.	York	390	57	54.7	+0.4	85	19	27	15	1.29	−1.93	0.52	9	0	6	17	6	8	w.	York Water Co.
York-3 SW																				
Division mean				51.6	.....	85	1†	20	11	2 31	.....	1.83	1-2	T.	11	14	8	9	w.	
Ohio Drainage																				
Bradford-4 W	McKean	1,680	28	48 1	−1.3	75	19	25	4	5.51	+1.93	1.71	1-2	T.	20	9	6	16	w.	City Water Dept.
Brookville	Jefferson	1,400	55	47.6	−1.6	79	1	24	15	3.40	+0.38	1.62	1-2	0	15	5	10	16	sw.	Civil Aeronautics Authority
Butler†	Butler	1,077	32	51.2	−1.6	79	2†	28	4	4.24	+1 02	1.55	1-2	0	13	10	12	9	nw.	Butler Eagle.
Clarion†‡-3 SW	Clarion	1,114	35	49.6	.....	79	1	25	15	3 64	+0.40	1.46	1-2	0	15	11	5	15	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	50.2	−3.6	80	1	27	15	2.46	−0.61	1.13	1-2	0	9	17	2	12	nw.	Walter B. Paget.
Corry	Erie	1,410	31	48 0	−1.3	75	19	28	11†	6.57	+2.79	1.87	22-23	T.	21	11	8	12	nw.	J. Fred Kinley.
Coudersport†‡	Potter	1,653	21	48.2	−0.3	76	19	22	4	3.62	−0.62	1.35	1-2	T.	13	14	7	10	nw.	Potter Enterprise.
Derry	Westmoreland	1,150	48	53.2	−0.9	83	1	28	11	3.11	−0 10	0.80	1-2	0	11	18	5	8	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	47 6	.....	78	1	21	11	2 87	...	1.02	2	0	12	10	16	5	w.	Penna. Turnpike Comm.
Donora†‡	Washington	761	19	54.4	−1 6	85	1	32	15	1.82	−1.05	0.64	23	0	12	8	7	16	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	48 2	−1.6	74	19†	22	11	2.22	−0.96	0.66	1-2	0	11	15	6	10	w.	John L. McGough.
Farrell	Mercer	855	32	53.3	0.0	78	19	29	11	4 15	+1.46	0.93	1-2†	T	13	16	8	7	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	2	49.8	.....	80	1†	29	11†	2.36	.....	1.20	1-2	0	11	14	3	14	w.	U.S. Engineers.
Franklin	Venango	987	71	49 4	−1.7	77	19	30	15	4.79	+1 65	1.80	1-2	0	19	15	7	9	w.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	36	50.6	−3.5	82	1	25	15	2.52	−0.54	0.71	1-2	0	11	14	6	11	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	51.4	−1.1	80	1	25	15	3.23	−0.16	1.12	1-2	0	13	16	10	5	sw.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	49.2	.....	75	19†	26	15	6 00	+3.21	0.97	22-23	.....	20	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	53 0	−0.6	83	1	31	11	1.94	−1.07	0.65	1-2	T.	13	16	3	12	se.	Johnstown Tribune Pub. Co.
Kane-1 N.	McKean	1,750	30	45.1	.....	74	19	21	15	4.80	+1.08	1.25	2	T.	17	11	3	17	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	48.2	−2.5	75	19†	28	15	6.50	+3.09	1.41	1-2	T.	20	8	6	17	sw.	City of Meadville.
Midland	Beaver	780	9	51.0	.....	79	1	32	11	2.93	...	1.04	1-2	0	12	15	3	13	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	51.6	−0 9	78	1†	29	15	3.95	+1.22	1.52	1-2	0	14	15	9	7	sw.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	52.6	−1.5	81	1	34	4†	2.39	−0.13	1.06	1-2	T.	11	13	7	11	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	49.4	.....	80	1	26	15	3.15	.....	1.27	1-2	0	16	13	4	14	sw.	U.S. Engineers.
Ridgway	Elk	1,385	38	47.0	−1.6	78	1	24	15	4.20	+1 12	1.88	1-2	0	15	8	8	15	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	48.6	−0.7	79	1	24	4†	2.05	−1.03	0.69	8-9	T.	11	10	10	11	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	47.8	−1.6	77	1	22	14	2.29	−1.23	0.51	8-9	0	11	11	10	10	w.	Allen E. Yoder.
Tionesta-1.5 SE	Somerset	1,200	8	48.0	.....	75	1†	28	15	4.82	.....	1.78	1-2	0	11	13	0	18	s.	U. S. Engineers.
Titusville-2 S.	Forest	1,550	2	49 2	.....	75	19	25	15	5.30	.....	1.51	1-2	T.	17	6	14	11	sw.	U. S. Weather Bureau
Uniontown	Crawford	1,040	57	54.2	−0.7	81	1	31	10†	2.54	−0.74	0.75	2	0	11	14	11	6	sw.	William W. Marsteller.
Vandergrift	Fayette	825	31	51.8	−2 1	83	1	30	15	3.18	+0.06	1.30	2	0	13	10	17	4	....	Carnegie-Illinois Steel Corp
Warren	Westmoreland	1,190	57	50.0	−0.9	79	19	30	4	6.41	+2.89	1.44	1-2	T.	18	13	10	8	s.	Merrell L. Jordan.
Waynesburg	Warren	1,100	16	52.6	−1.8	81	1	28	4†	1.73	−1.07	0.63	1-2	0	8	9	17	5	w.	Thomas S Knox.
	Greene																			
Division mean				50.0	.....	85	1	21	11†	3.64	.....	2.03	1-2	T	14	12	8	11	sw.	
Lake Drainage																				
Albion	Erie	900	2	50.0	.....	77	29	26	15	6.09	.....	1.10	1-2	0	20	4	14	13	n.	Charles C. Gilbert.
Erie	Erie	705	72	52.7	−0.7	78	19	38	15	6.11	+2.42	2.25	1-2	T.	20	9	7	15	s.	U. S. Weather Bureau.
State mean				51.0	−1.5	85	1†	20	11	2.75	−0.52	2.25	1-2	T.	12	13	8	10	w.	

[See page 80 for explanation of reference marks.]

Daily Precipitation for October 1945

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike		.05	.28				.74	.10	.61			.08			.08																	
Hawley[2], 0.5 E	Wayne		.24	.24				.19	.16	1.21	.06	T.	.10		T	.03	T.							.35	.14		.09						2.52
Hollisterville[2]	Wayne	T	.38	.28				.15	.19	1.16	.05	.04	.07	.02	.03	.04	.03							.34	.15		.07						2.79
Lakeville[2], 1 N	Wayne		.49	.12				.31	.18	1.29	.05	.01	.12		T.	.07								.39	.19	T.	.16						3.18
Matamoras[2]	Pike		.26	.21				.53	.16	.57				.14		.12								.31	.15		.07						3.20
Mount Pocono[1], 2 N	Monroe	.12	.46	T.			.69	.56	.17	.99			.05	.01	.06	.03	.01						T.	.59	.17								2.75
Pleasant Mount[1, 5], 1 W	Wayne	80	1.10	*	*	*	*	*	.75	*	*	*	*	*	*	1.04							.02	*	*	*	*	*	*	.96	*	*	4.67
Stroudsburg, 2 E	Monroe	.02	.26	.03			.25	.62		.76			.07		.01									T.	.11	.13	.16	.06	T.				3.60
Tanners Falls[1, 5], 1 SE	Wayne	.21	.44				.45	.15	.39	.60						.06								*	.24	.13	.01						2.40
LEHIGH																								T.	*	*	.73	*	*	*	*	*	3.04
Allentown Apt[1, 5], 4 NE	Lehigh	T.	.28	T.			.87	.06	.16	.64			.11		T																		
Allentown[2]	Lehigh		T.	.25				.74	.03	.81	T.		.06	.05		T.								.03	.02	.17	.02			T.			2.30
Bethlehem[1]	N'rthampton		.18				.58	.09	.05	.59			.01											.05	.14	.01	.04						2.18
Blakeslee Corners[1, 5]	Monroe		.66	*	*	*	*	*	.66	*	*	*	*	*	*	.85							.01	.06	.02	.20	.03						1.85
Gouldsboro[2]	Wayne		.46	.20				.44	.20	1.20	.03	.42	.22		.02	.14	.04								*	*	*	*	*	*	.43	*	*	2.60
Lansford[2]	Carbon	T.	.15	.41				T	.72	.95	T.		.14												.18	.23		.13						3.91
Mauch Chunk, 1 SW	Carbon	.05	.42				.46	.51		1.22			.10		.09	.04									.19	.25		.10						2.97
New Tripoli	Lehigh	.02	.33				.43	.55		.93			.10		.09										.28	T.	.30							3.47
Palmerton[1, 5]	Carbon	.01	.37				.77	.27	.19	.79			.10		.02									T.	.02	.12	.12							2.64
Zionsville, 1 SW	Lehigh		.20				.35	.65		.80			.06		.01									.13	.02	.07	.08					T.	2.77
SCHUYLKILL																								.15		.20							2.35
Coushohocken	Montgomery		*				.40			.48		T.											*	.17	.78	.43	T.						§2.26
Fredericksville[2], 1 S	Berks	T.		.23			.05	.81	.05	.77	.01		.01	.05		T.								T.	.06	.17		.04						2.25
Gratersford[2]	Montgomery			.12				.84																.57	.04	.21							1.78
Port Clinton[2]	Schuylkill		.12	.28					.58	1.10			.10											.23	.12		.12						1.38
Pottstown[2], 0.5 S	Montgomery			.13				.59	.02	.55				.06										.05	.13		.09						2.45
Pottsville[2]	Schuylkill		.38	.16				.58	.25	.85			T.			.12							.01	.16	.07	.01	.03						1.63
Reading[1, 5]	Berks	T.	.26				.31	.04	.30	.65			.04											.18	.25		.08						2.85
Wernersville	Berks	.01	.25	T.			.50	.24		.97			.04											.03	T.	.11	.03					T.	1.77
LOWER DELAWARE																								.02	T.	.07	.01					T.	2.11
Coatesville[6]	Chester		.23				.63	.16		.44			.02																				
Doylestown	Bucks		.12	.04			.32	.25		.42	T.		.05										.01	.25	.02	.15	.02						1.93
George School[6]	Bucks		.14				.27	.32		*			.20	T.										.07	.26	.25	.10						1.88
Marcus Hook[2]	Delaware			.05			T.	.50	.15	.35		T.											.19	.30	.44	.75	.05						2.66
Philadelphia																								.21	.60	.10		T.					1.96
Airport Station[1, 5]	Philadelphia	T.	.10				.44	.47		.17	.01		T																				
City Office[1, 5]	Philadelphia		.07				.28	T.		.17	T.												.26	.86	.01	.22	.05						2.59
Shawmont	Philadelphia		.17				.07	.57		.42													.17	.96	.01	.24	T.						1.90
Quakertown, 0.5 E	Bucks		.10				.35	.49		.48													.16	.20	.58	.81	.05						3.03
West Chester	Chester		.11				.45	.28		.36			T										T.	.21	.03	.19	.06						1.91
West Grove[2], 1.5 SE	Chester			.17			T.	.59	.09	.43					T.								T.	.65		.13	T.						1.98
Susquehanna Basin																									.21	.08	.07						1.64
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.24	.71	T.				.06	.16	.16			.01	.02																		
Covington[2]	Tioga		.72					.33		.85			.05							.04				.68	.08	.03	.08	.09			T.		2.36
Lawrenceville	Tioga	.18	.78	T.			T.	.16	.05	.78				.10	.22										.78	.06	.05	.03					2.87
NORTH BRANCH																								T.	T.	.48	.44		.14	.05			3.38
Berwick[2]	Columbia																																
Canton[2], 1 NW	Bradford	T.	.93	.04			T.	.11	.08	1.04			.05	T.	.07																	
Danville[2]	Montour		.80	.30				.04	.36	1.04			.05	.04	.01	.11	.01							.05	.22	.24	.08						§§
Freeland[2]	Luzerne	T.	.15	.40				35	*	1.30	.02		.03		T.	.11								T	.58	08	11	.07					3.26
Hop Bottom[2], 2 S	Susquehanna		1.17	.04				T.	.39	.80			.06		T	.15									T.	.26		.04					3.26
Millville[1, 5]	Columbia	.45	.85					.30	.55	1.04	T.		.07	.04	T.	.16								.28	.24		.03						§2.46
Monroeton[2], 2 S	Bradford	.03	.60	.01	T.		.02		.16	.15														.29	.32	.14							3.66
Montrose[2], 3 E	Susquehanna	.02	1.24	.12				.08	.15	1.32	.02		.06	.01	T	.11							.31	.12	.17	.05							2.95
Orwell[2], 3 N	Bradford	.02	.94	.02						.92	.05		.09	T.	.10	.12	T.						.08	.52	.02	.03	.10	.01					3.10
Park Place[1], 1 NW	Schuylkill	.02	.56			T.	.35	.14	.34	1.23	.04		.04	T.	02	.15	.02						.21	.33	.24	.06	.22						3.95
Pikes Creek[1, 5]	Luzerne	.33	.87			*	*	*	.87	.52			.05	T.	.10	T	T.							.53	.06	.05	.02						3.14
Rush[2]	Susquehanna	.01	1.17	.10				.01	.13	.42			.03		.04									.09	.04	.24	.17				T.		2.62
Scranton[1, 5]	Lackawanna	.06	.54				.34	.31	.22	.86	.01		.06	T.	.03	.09	.03							.13	.09	.25	.12						3.15
Susquehanna[2]	Susquehanna									.75			.06	T.	.16	T.	.01							.07	.38	.12	.12	.07					3.26
Towanda, 1 E	Bradford	.14	.46	.02				.11	.97	.13			.08	.02	.08	.19	.05							.46	.10	.21	.06	T.				.01	3.29
Tunkhannock[1, 5]	Wyoming	.06	.35				.01	.17	.28	1.02	T.		.03	T.	.07	T.	T.							.25	.26	.26	.04	.26					§§
Wilkes-Barre[1], 3 N	Luzerne	.11	.67				.08	.17	.75	.49					.07	.02								.37	.15	.02	.10	.01					2.85
WEST BRANCH							.22	.30	.63	.60	T.		.05	T.	.05	T.	T.							.40	.15	.10	.05						2.69
Ansonia[2], 2 W	Tioga		1.10	.04			.08	.25	.01	.58			.01	.01	.01	.04								.44	.10	.22	.13					T.	3.52
Carrolltown[2]	Cambria	T.	.78	.14			.05	.17		.49	.04		.10	.02	.06	.08								T.	.70		.11	.02	T.				
Carter Camp[2]	Potter	T	1.45	.24			.15	.23		.38			.02		T.	.07									.73	.14	.14							2.96
Cedar Run[2]	Lycoming		.85	.12			.09	.08	.08	.57			.02		.04	.08								T.	.88	.08	.09	T.						2.89
Clearfield[2]	Clearfield	T.	1.03	.06			.26	.30		.28	T.		.06			.05									.64	.07	.06	.09						3.59
Coalport[2]	Clearfield		.88	*	*		.28	T.		.10	*					.20								.01	.62	.06	.03	T.					2.79
CurwensvilleApt[1] 6NW	Clearfield	.54	.82	T		.01	.12	.21	.31	.04			.05		.09									1.82	T.	.10							2.76
Driftwood[1, 5]	Cameron	.23	.70			.02	.08	.30	.16	.29					.13					T.				.64	.04	.07	.03	.01			T.		3.38
Dushore[1, 5]	Sullivan	.10	.60				.02	.20	.66	.24				.02								•	•	*	*	.90						*	2.98
Eagles Mere[2]	Sullivan		1.64	.19			.02	.09	.10	1.01	.04		.02		.03	.10								*	*	.30	.07	.12						2.81
Emporium[2], 1 E	Cameron		1.83	.26	T.		.13	.19		.42	.05				.07	.03			.01		.04			.11	.65	.09	.09	.07					2.33
Galeton	Potter	.20	1.34	.12			.22	.26	.28	.22			.04	T.	.14						.03	T.	.68	.47		.20							4.13
Karthaus[2]	Clearfield	.03	.85	.27			.39	.28	.02	.44	.05		.04			.13							.14	.73	.10	.06						02	4.05
Lock Haven[2]	Clinton	T.	.80	.01			.19	.25	.04	.85	.01		.04			.08								.71	.03	.03	.08						4.22
Medix Run[1, 5]	Elk	.88	.72			.02	.15	.21	.19	.23					.08									.55	.08	.04							3.53
Philipsburg[1], 7 E	Centre	.24	.79	.01		.01	.04	.02	.25	.12			.07	T	.13							.02	.71	.03	.03	.08							2.94
Renovo[2]	Clinton		.72	.08			.29	.24	.04	.52	.06		.02			.10				T.			.87	.09	.06	.13					T.		3.35
State College[1, 5]	Centre	.13	.53			T.	T.	.10	.47	.22			.02	T.	.20								.01	.82	.04	.06	.02				T.		2.83
Tamarack[2], 2 S	Clinton	T.	.79	.14	T		.14	.18	.05	.37	.05	T.	.03		T.	T.				.07		T.	.01	.87	.07	.07	T.	.01			T.		3.02
Tyrone[1, 5], 4 NE	Blair	.21	.37					.05	.13	.14			.03										.53	.12	.03	.06							2.26
Wellsboro[2]	Tioga	T.	1.03	.01			.22	.09	69	T.		.02	.01	T.	.05	.05								.80	.04	.07	.04					T.		2.85
																																	1.67
																																	3.12

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport Apt.[1,4 E	Lycoming	.35	.95			.02	T.	.23	88	.37			.04	T.	.05					T	T.			.71	.02	.02	.15						3.79
Williamsport[2]	Lycoming		.60	.27					.19	1.00			.07		T.	.10									.55	.05		.16					2.99
Williamsport[2], 4 SE	Lycoming	.02	1.24	.07			.01		.24	1.05			.08		T.	.08									.65	.07	.01	.09					3.61
JUNIATA																																	
Altoona, 4.5 W	Blair	.38	.59	.15			.05	.26	.08	.53			.05		.13									.38	.18	.07	.08					.02	2.95
Breezewood[1], 0.5 E	Bedford		.19					.06	.40	.05														.36	.08	.13	.03						1.30
Buffalo Mills[2]	Bedford							.15		.22															.38								0.75
Burnt Cabins[1], 2 NE	Fulton	.01	.33					.05	.33	.05					.03									.05	.09	.08	.05						1.07
East Waterford[2], 3 E	Juniata	.07	.26	.26	T.		.01		.13	.48	T		.01	T.	T.	.02								T	.16	.16	T	T.					1.56
Everett[2], 0.5 SW	Bedford	.01	.05	.07									.02		T.	.16								T.	.42	.04	.03	.05					1.10
Huntingdon[2]	Huntingdon	T.	.47	T			.08	.16	.06	.57			T.	T.		.05								T.	.51	.04	T.	T.					2.07
Lewistown[2], 1 W	Mifflin		.63	.06			.02	.11	.16	.53		.01	.05			.13									.32	.04							2.62
Mapleton Depot[2]	Huntingdon	T.	.20	.21				.02	.06	.69	.01		.01	.01		.07									.20	.10	T.	.02					1.64
Martinsburg[1]	Blair	.02	.43					.13	.37	T.			.02	.01	.07									.47	.05	.01	.02						1.60
McConnellstown[2] 4NW	Huntingdon	.03	.40	.10			T	.12	.10	.40			.01			.12									.57	.07	T.	.02					1.94
Neffs Mills[1, 5, 3.5 NE	Huntingdon	.35	.50					.33	.38	.10					•	•	•	•	•	•	.09			.37	.07	.06	.08						2.33
New Bloomfield	Perry	.10	.57			T.	T.	.10	T	.34						.03								T.	.07	.20	.02						1.43
Newport[2]	Perry	.02	.18	.41			.02	T.	.06	.35			T.	T.		.04									.03	.20	T.	.01					1.32
Saxton[2], 1 W	Bedford		.22	.03				.12		.35			T.			.11									.35	.05	.05						1.28
Shade Gap[1, 5, 0.5 SW	Huntingdon	.05	.23					.07	.47	.03						.04								.06	.11	.10	.05						1.21
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	.12	.16	.11			.02	.06		.17						T									.03	.08							0.75
Bloserville, 1.5 N	Cumberland	.15	.66			T.	.04	.10		.32			T.		.02									T.		.28	.02				T.	1.59
Carlisle	Cumberland	.06	.34			T.	.05	.11		.34			.02		.06									T.	.03	.16	.03					1.20
Columbia	Lancaster		.27				.50	.10		.85			.01		T									T	01	.15	.02					1.91
Dauphin[2], 3 N	Dauphin	.03	.02	.48			T	.08	.07	.61	T.		.03	.02	T.	.01								T.	.02	.20	T.	.03					1.60
Ephrata	Lancaster	T.	.19	T.				.43	.04	.91			T		T.									T.		.11	.04						1.72
Glen Rock[1, 5	York		.20					.28	.07	.30	.28														.20	.25	.09						1.20
Gordon	Schuylkill		.57					.20	.35		1.07			.05		.07	.02									.07							2.87
Grantville, 2 SW	Dauphin	.05	.44					.27	.19		.40			.03										T.	.02	.16	.07					T.	1.63
Hanover[2]	York	T.	.10	.19				.10	.27	.05	.36					T.										.06	.01					T.	1.16
Harrisburg Apt[1, 5, 3.5 S	Dauphin	.02	.33	T.				.22	.10	.22	.07			T.										T.	.01	.09	.01						1.07
Holtwood[2]	Lancaster			.11				.07	.17	.03	.73				.02										.01	.05	.08	.01					1.28
Huntsdale[2]	Cumberland	.05	T.	.35				.03	.02	.05	.28	T					.03									.05	.18	T	.02					1.06
Kirkwood[1, 5, 1 SW	Lancaster		.20					.33	.22	.11	.50													.10		.08							1.54
Lancaster	Lancaster		.22	.03				.40	.16		1.05			.01		T.								.02		.16	.03						2.08
Lancaster	Lebanon		.09	.31				.03	.36	.07	.52			.04	T.	T.	T.								T.	.15	T.	.09				T	1.66
Lebanon[2]	Dauphin	T.	.31					.27	.14	.23	.38			T.		T.									.01	.07	T.					T	1.41
Middletown[1], 1.5 W	Dauphin		.56		•	•	•	.17	39	04				.01		.06									.08	.12	.07						1.50
Millersburg[1, 5, 2 E	Mifflin	.01	.85	.02			T.	.33		.66	T.			.07			.15								.42	.10	.05					T.	2.66
Milroy[2]	Cumberland	.15	.27						.38	.02				T.		T.								T.	.08	.10	.06						1.06
Newburg[1], 3.5 NW	York		.50				.36			.86														.07	.04	.06						1.89
New Park	Schuylkill	.01	.19	.28					•	.76	.50	.02		.05			.02									.08	.21	T.	.10					2.22
Pine Grove[2], 1.5 NE	Schuylkill																							.07		.19	.02						2.29
Ringtown[2], 1.5 SW	Snyder	.01	.77				.02	.35		.71				.06	T.	.06									.04	.18		.09					2.61
Selinsgrove	N'umberland		.47	.23					•	.22	1.25			.03			.10							.02	.08	.20	T.					T.	1.21
Shamokin[2]	Cumberland	.11	.37				.05	.05		.33					T	T.									.07	.18	T	.02					2.48
Shippensburg	N'umberland	T.	.78	.04			T.	.12	.34	.76	.02		.03	T.	T.	.12										.22	1	.08					1 89
Sunbury[2]	Dauphin		T.	.52				.18	10	.67	T		T.			12									.13	.13						T.	2.85
Williamstown[2]	Centre	.17	.89	T.		T.	T.	.18	.66	.24			.07		.07									40	.07	.06	.04						1.29
Woodward[1], 2 NE	York		.21				.36	.12		.52					.04											04							1.29
York, 3 SW	York	T.	.01	.30			.06	.23	.12	.46						.02									.02	.06		.01					1.29
York Haven[2]																																	
Potomac Basin																																	
Chambersburg[5], 1 SW	Franklin	.08	.33				.03	.04	.33	.06						.02								T.	.07	.15	T.						1.09
Gettysburg	Adams	.08	.08	T.			.10	.04		.15						T.								T.	.03	.05							0.53
Hewitt, 2 SW	Bedford		.13							.30														.23	04	09	T.						0.79
Hyndman[2]	Bedford	T.	.03	T					T.	.20						T.								T.	.27	T	T.						0.50
McConnellsburg[2]	Fulton	T.	.13	.07			T.		T.	.41	T.														.13	.13							0.87
Mercersburg[2]	Franklin	.08	.21	.07					.08	.38						T.									.06	.12		.03					1.03
South Mt. San't'm[2]	Franklin	.04	.06	.48			.01	.02	.07	.48															.05	.12							1.38
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.02	1.15	.13				.07	.11		.24	.07					.06					T		.03	.14	.63	.12	.09				•	2.86
Allen Mills[1, 5	Jefferson	.99	1.09	.02		.02	.12	.18	.20	.21						.07					.04				.80	.09	.02	.11					3.96
Blairsville[2], 6 NE	Indiana	T	1.06	.08	.01		.05	.35	T	.76	.22		.02			.03	.10								.03	.47	.17	.07					3.42
Boswell[2], 6 NW	Somerset		.86	.16				.29		.99	.08		.05				.17								.05	.37	.04	.05					3.11
Bradford, 4 W	McKean	.44	1.71	.37			.05	.24	.19	.13	.02		.04	.19	.04							.26		.07	67	.36	.07	.51	.05			.02	.08	5.51
Brookville[1], 1.5 SW	Jefferson	1.03	.65	.02		T.	.10	.23	.23	.06			.06	.06	.08						.04				69	03	.02	.10				T.	3.40
Buckstown[1, 5	Somerset	.01	.49		.06			.08	.39	.09					.04						.03				26			.08					1.53
Clarion[2], 3 SW	Clarion	.02	1.46	.12				.11	.31		.26	.07	.03	.03	T.	.12							.07		10	.81	.07	.12				.15	3.64
Corry	Erie	.62	1.78	.06		.05	.09	.43	.11	.10	.09		.09	.02	.05	.02							31		1.87	.11	.12	.30	.05			.03	6.57
Coudersport	Potter	•	1.51	T.			.33		.04	.34				T.	.10								.07		.40	.41		.27	.02			.03	3 62
Derry	W'moreland	T.	.80	.10				.43	.44	.26					.01									.15	.62	.06	.10	.17				.03	3.11
Donegal[1]	W'moreland	.03	1.02			.02	.03	.18	.80	.05					.16										.62	.06	.10	.17				.05	2.87
Dunlo[1, 5, 0.5 SW	Cambria	.07	.61				.02	.33	.45	.09			.02		.13										.50	.05	T.	.03					2.10
Ebensburg[2]	Cambria		.50	.16			T.	.26		.32	.05				.11										.26	.03	.06	.01				.02	2.22
Ford City[2], 4 S	Armstrong		1.20	.04			.04			.20					.05	.12								.07	.07	.48	.06	.16					2.36
Franklin[2]	Venango	.05	1.75	.16	.04		.10	.25		.49	.10		.02	.07	.04	.04									.07	.19	.20	.17	.08				.03	4 79
Glen Hazel[2], 1 NE	Elk	.05	1 93	.25	T.		.08	.25		.45	.05	T.		.03	r	.11							12	T.	.38	.90	.08	.12	.05			T.	4.31
Homer[1, 5,	Indiana	.38	1.07		.07			.07	.14	.32	.25				.16								06		.18	.55	.12	.15	.05				3.24
Indiana	Indiana	.05	1.12	.08					.22		.30	.05		.05	.06	.02								01	.70	03	.13	.10					3.23
Johnstown[2], 0 5 W	Cambria	.05	.60	.12			.04	.04	.15	.46	.25	.01		.01	.02	.24									.54	.21	.14	.12					1.94
Kane[1], 1 N	McKean	.95	1.25	T.				.02	.13	.94	.07					.04									11	.24	.02	.10				.02	4.80
Kregar[1], 4.5 SE	W'moreland	.04	.92						.25	.35	.55	T		.05		.06	T								.85	.02	.03	.29				.02	2.57
Lycippus, 1.5 E	W'moreland	T	.81	T.				.08	.16	•	.54					.06									.34	.03	T.	.02				.04	4 07
Marienville[1, 5	Forest	.83	1 01	.02				.23	31		.68	.07		.03	.22	.06	.04								.45	.20	.10	.21				.03	3.85
Meadville[2], 1 S	Crawford	.45	1.41	.52	.03				.20	T.	.22	T.		.06	T.	T.	10								.75	.03	.01	.19				.03	6.50
Mosgrove[2]	Armstrong	T.	1.00	.18	T.	T.	.07	.20	T.	.22	T.			.06	T.	T.	.06								.72	.85	.14	.19	.04			.03	2.80
Parkers Landing[2]	Armstrong		1.32	.20	T.			.10	20		.16	.08		.03	.20	T.									.26	.04	.65	.10	.11				3.7
Pittsburgh City Of[1, 5	Allegheny	.23	.72				.07	T.	.14	.26	.04			T.		.03									.84	.08	.10					T	2.39
Port Allegany[2]	McKean	.03	1.56	.28				.07	.10		.61	.01	.01	.01	.10	.04	.13								.70	.07	.03	.06					4.25
Punxsutawney[2]	Jefferson	.03	1.30	.04				.03	.30		.20	T.		.08	T.	.10	T.								.19	.66	.09	.17	.12	1		.02	.01	4.02
																									.05	.70	.10	.09				T.	3.02

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong	.05	1.27	.14	T.		.05	.23		.26	T.		.06	.01	.01	.08					01		.03	.10	.59	.12	.14						3.15
Ridgway[2]	Elk	.06	1.88	.14			.14	.19		.49	.08		.02			.08					.10			.09	.64	.11	.17					.01	4.20
Saltsburg[2]	Indiana	.02	1.28	.08			.05	.14		.30	.04				T.	.06								.15	.61	.14	.09						2.93
Seward[2]	W'moreland		.64	.10				.32		.56	.14				.04	.07									.57	.08	.16						2.68
Sheffield[1, 5], 6 W	Warren	.82	1.46			.03	.16	.26	.30	.20			.04		.15					.13			.12	1.30	.10	.04	.36						5.50
Smethport[1, 5], 1 SW	McKean	•	1.99			.01		.09	.37	.02			.03	.10	.09					•			.92	.13	.03	.20	.06		.02		.03	§§4.09
Stronghstown[1, 5]	Indiana	.08	.96					.20	.52	.17				.02	.16								.56	.06	.10	.13						2.96
Tionesta[2], 1.5 SE	Forest	.08	1.78	.12	T.		.15	.30		.54	.06		.01	.06	.01	.10					.16		.30	.84	.06	.17	.05				.03	4.82
Titusville, 2 S	Crawford	.43	1.51	.15		.01	.07	.39	.15	.31				.09	.10						.20		.02	1.23	.13	.10	.36					.03	5.30
Union City[1, 5]	Erie	1.61	.88	.02		.08	.06	.38	.18	.21	.04	.01	.09		.07					.35			.16	1.60	.08	.04	.30			.02	.09	.03	5.30
Vandergrift [1]	W'moreland	.23	1.30	.02			.04	.22	.26			.03		T.	.06								.01	.75	.02	.13	.08						3.18
Warren[2]	Warren	.47	1.44	.42	T		.10	.22		.27		.40		.19	.20	.80					.18		T.	.31	.91	.07	.04	.25		.02	.12	6.41
Youngsville[1, 5]	Warren	1.00	1.14	.07				.26	.20						.10								.09	1.22	.08		.57	.06				4.78
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset		.56	.03			.01	.13	T.	.87	.13					.04								.06	.30	.22	.15	T.					2.50
Connellsville[2]	Fayette		.71	.07				.07		.72	.11					.04								.09	.40	.05	.05	T.					2.31
Donora[1]	Washington	.08	.50			.02		.13	.25	.01					.02									.63	.03	.02	.10				.03	1.82
Greensboro[2]	Greene		.66	T.				.11		.61	.02					T.								.11	.29	.02	.03					1.85
Greensburg, 2 S	W'moreland	T.	.71	.01			T.	.29	.31	.16					.03	T.								.61	.11	.09	.15				.05	2.52
Irwin	W'moreland	T.	.73	.01			.05	.55	.07	.30					.02									.66	.16	.08	.12				T.	2.75
Meyersdale[2]	Somerset		.10	T.			.02	.22		.34	.04					.05								.11	.24	.27	.03	.03					1.45
Murrysville[1, 5]	W'moreland	.25	1.04					.13	.27						.05									.78	.07	.05	.07						2.71
Newell[7]	Fayette		.60	.05				.20		.25	.15													.40	.10	.03	.05						1.83
Pittsburgh Arpt.[1, 5]	Allegheny	.24	.86			.02	.02	.17	.18	T.			T.		.05							T.		.70	.08	.03	.04				T.	2.39
Rices Landing[2]	Greene		.60				.01	.15		.37	.06					T.								.12	.26		.06					2.39
Somerset	Somerset		.48	.18				.19	.14	.55					.05	.02								.27	.08	.03	.06					1.63
Springs[6], 1 SW	Somerset	.03	.33			.05	.44	.32	.51					T.	.02									.32	.05	.08	.14				T.	2.05
Uniontown	Fayette	.04	.75				.20	.50	.48						.02									.35	.10	.02	.07				.01	2.29
Waynesburg	Greene		.68				.08	.23	.22							.09								•	.45		.03					2.54
BEAVER																																	1.73
Beaver Falls[2]	Beaver		1.24	.03			.15	.33		.12	.02					.03					.08		.31	76	.05	.06						3.18
Butler	Butler		1.55	.08			.11	.41	.58	.20			.07		.09	.02					19		.59	.10	.30	.14						4.24
Farrell[2]	Mercer		.93	.27			.15	.38		.22	.05				.12						.22		.07	1.87	.03		.31				.03	4.15
Greenville	Mercer	.27	.93	.02		.03	.17	.50	.08	.37			.01	.10	.08	.01					.47		.03	.97	77	.11	.14	.06			.01	6.00
Jamestown[2], 2 NW	Mercer	.66	.85	.14	.02	T.	.28	.34		.79	.17		.01	.05	.11	.02							T.	1.69	.07	.01	.10				.08	4.95
Mercer Arpt.[1], 2.5 NE	Mercer	.78	1.08	.07		.07	.07	.34	.14	.18			.02	.07	.03					15			T.	1.33	.05	.04	.08			T.		3.95
New Castle, 1.5 N	Lawrence	T.	1.52	.08	.02		.10	.21	.19	.11			.04	T.	.08						10		T.	1.03	.41	.13	.15	.05			.04	6.96
Pennline, 2 1 S	Crawford	.29	.99	.44	.13		.23	.37		1.39	.34		.04	.11	.23	.22					.33		.04									
OHIO																																	
Claysville[2]	Washington		1.13					.29		.27	.04					T.							.02	.23	.30	.09	.09						2.46
Coraopolis[2], 1 E	Allegheny		.98	.07			.04	.18		.17													.28	.58	.09	.05						2.44
Midland[2]	Beaver	T.	1.04	.14			.02	.35		.15	.02					.06					.02		.38	.64	.03	.08						2.93
Mt. Lebanon[6]	Allegheny	.35	.83	.04		.07	.04	.19	.32	.10					.06							.05	.73	.02	.10	.12				T.		3.02
Washington[1, 5]	Washington	.29	.58					.13	.11	.02													.53	.03	.04	.08						§1.81
LAKE DRAINAGE																																	
Albion[2]	Erie	.50	1.10	.64	.08		.14	.38	.01	.28	.47	.02	.07	.16	.05						.30		.10	1.05	.32	.15	.24				.04	6.09
Erie[1, 5]	Erie	2.24	.11	T.		.02	.01	.58	.18	.14	.01	.04	.08	T.	.02	T.				.27		.22	.30	1.14	.22	.20	.27			.01	.05	6.11
Raymond[1, 5]	Potter								.40	.11			.02	.03	.09				.09			.03	.72	.09		.19	.04					§§

[See page 80 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Hawley[2], 1 S	Evaporation	.123	.091	.032	.007	.204	.071	.008	.111	.914	.084	.059	.197	.146	.025	.024	.043	.057	.086	.097	.150	.186	.039	.207	.005	.120	.040	.048	.065	.043	.138	.075	3.071
	Wind movement	42	199	227	127	60	74	27	47	124	41	36	75	155	89	83	173	71	65	41	129	58	38	125	30	33	44	171	134	26	102	68	2714
Jamestown[2], 2 NW	Evaporation	.116	.080	.056	.038	.070	.092	.066	.000	.082	.070	.024	.060	.080	.018	.002	.044	.032	.088	.088	.178	.092	.058	.214	.036	.022	.031	.083	.054	.054	.130	.102	2.160
	Wind movement	37	75	23	35	19	9	9	36	21	15	5	44	44	16	14	30	13	37	30	48	15	44	35	117	22	39	54	82	17	50	79	1114
Neffs Mills[2], 3.5 NE	Evaporation	.106	.014	.140	.070	.100	.016	.070	.126	.136	.182	.074	.056	.194	.078	.018	.110	.108	.102	.116	.120	.150	.074	.160	.084	.002	.030	.172	.104	.048	.134	.088	2.630
	Wind movement	31	12	100	55	24	1	12	29	66	47	2	7	89	36	7	72	87	28	4	41	36	10	46	64	3	30	153	55	3	26	11	1187

Italics mean minus quantity.

[See page 80 for explanation of other references.]

Daily Temperatures for October 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion	Maximum	68	53	49	64	65	68	64	54	43	42	59	59	59	50	47	60	75	75	76	68	69	70	43	44	54	48	59	69	77	72	55	59.9
	Minimum	50	50	36	32	42	49	48	43	36	32	40	40	40	38	26	36	39	41	55	39	36	53	40	39	37	38	38	36	39	38	45	40.0
Allentown Arpt.[1-4 NE.]	Maximum	68	69	54	57	65	62	66	73	60	57	60	65	53	51	51	60	73	76	81	68	74	76	61	53	56	56	55	62	74	69	75	63.9
	Minimum	49	51	33	30	32	49	46	41	41	35	39	55	38	34	41	36	33	40	38	48	41	42	37	49	46	44	45	41	34	39	42	42.0
Allentown	Maximum	71	72	61	57	66	68	68	73	56	47	57	59	65	53	51	51	75	77	82	69	73	72	58	56	56	57	55	63	76	71	76	65.0
	Minimum	48	53	43	30	33	39	53	42	47	36	40	37	41	35	33	36	36	43	41	45	37	41	52	44	46	45	40	29	34	40	44	40.7
Altoona-4.5 W	Maximum	70	65	52	58	57	68	65	73	56	47	57	65	54	45	50	60	72	75	81	69	70	78	63	47	55	52	54	73	77	76	70	63.1
	Minimum	46	50	37	27	34	43	53	43	36	30	28	35	38	32	30	36	42	43	44	48	40	45	50	47	44	43	39	39	47	46	50	40.1
Arendtsville[6]	Maximum	62	62	54	59	61	56	68	71	60	55	60	66	56	50	54	62	75	78	80	70	73	73	58	55	57	63	57	70	76	75	75	64.1
	Minimum	50	54	42	29	33	44	50	40	43	33	36	38	42	36	30	36	42	43	44	48	40	45	50	47	44	43	39	39	45	42	42	40.9
Berwick	Maximum									61	56	58	67	69	67	61	62	73	76	81	74	73	79	51	58	56	54	64	76	71	73		
	Minimum									45	40	33	36	40	41	31	34	35	38	39	45	34	50	49	44	44	44	33	30	33	45	49	
Bethlehem[1]	Maximum	69	61	50	53	63	61	64	71	58	56	54	62	51	50	48	62	74	77	83	69	72	71	61	50	54	53	52	63	75	72	75	62.4
	Minimum	59	47	42	41	35	49	51	46	40	37	31	38	37	38	34	42	42	55	57	51	52	52	44	44	48	44	39	34	40	49	48	43.5
Bradford-4 W	Maximum	72	71	48	61	63	60	62	69	50	45	55	54	50	45	45	55	69	73	75	73	72	69	71	60	50	49	48	65	73	72	68	59.7
	Minimum	49	48	34	25	35	52	52	38	37	29	29	39	37	33	27	38	32	35	37	31	28	45	39	44	51	45	32	29	31	35	27	36.5
Brookville[1]	Maximum	79	67	46	61	61	63	66	62	48	45	56	60	48	46	50	57	69	71	74	61	69	73	58	49	49	39	40	39	50	76	76	64.4
	Minimum	54	42	35	29	32	51	47	36	33	31	26	36	39	38	32	24	40	34	33	35	34	28	49	39	39	39	40	39	30	33	41	37.6
Burnt Cabins[1-2 NE	Maximum	63	63	51	58	66	68	68	78	55	50	60	68	54	47	51	63	77	78	82	70	72	76	57	51	60	53	58	74	77	74	74	64.1
	Minimum	50	48	31	26	32	46	41	36	36	29	25	32	35	29	22	40	38	39	40	37	31	49	47	45	53	58	54	51	60	74	76	48.4
Butler	Maximum	68	79	55	60	64	65	64	62	53	50	58	64	50	49	58	68	77	76	78	61	79	76	53	58	54	51	60	74	77	74	68	38.4
	Minimum	50	51	37	28	34	55	45	41	37	37	29	46	39	30	29	37	35	35	37	36	29	49	32	39	40	40	36	40	41	38	48	37.6
Canton[1-4 NW	Maximum	63	57	46	56	63	64	61	69	52	51	57	63	48	46	46	58	73	76	76	65	76	73	43	44	57	51	49	57	74	67	67	59.3
	Minimum	38	46	32	26	37	45	51	39	40	31	30	36	38	34	31	34	38	44	47	38	39	49	40	36	37	39	36	28	34	40	43	37.9
Carlisle	Maximum	62	62	57	58	62	59	67	75	68	57	58	68	63	56	54	64	75	76	79	72	77	77	53	47	50	45	42	33	35	40	41	65.3
	Minimum	51	57	45	30	35	49	58	43	44	35	32	34	42	35	31	40	43	43	43	41	41	74	79	58	57	58	57	57	70	77	78	47.2
Chambersburg[6-1 SW	Maximum	64	64	57	60	64	59	70	75	56	55	61	69	60	49	55	65	77	78	81	71	74	79	58	57	58	57	57	70	77	78	77	65.5
	Minimum	50	54	41	28	34	47	54	42	41	31	28	33	37	31	29	39	41	43	43	42	36	44	50	47	47	44	39	33	35	40	40	40.4
Clarion[3-3 SW	Maximum	79	63	49	63	63	62	65	65	51	52	58	64	52	47	49	60	72	75	78	67	73	76	61	38	37	39	36	30	33	35	43	62.3
	Minimum	56	46	34	28	33	51	47	38	35	34	28	38	36	37	25	37	34	35	35	35	33	49	47	41	38	37	39	36	30	36	45	36.8
Claysville	Maximum	80	57	50	66	67	62	65	65	51	51	60	64	52	46	50	62	75	77	77	69	73	77	50	46	53	48	50	62	72	74	74	62.1
	Minimum	48	51	38	30	33	51	52	44	44	30	30	40	50	44	29	27	29	39	41	44	34	35	52	46	40	40	38	30	32	44	43	39.9
Coalport	Maximum	74	56	49	61	64	67	66	71	59	48	60	64	50	53	50	59	70	77	77	64	72	77	47	46	54	50	52	70	74	68	63	61.4
	Minimum	39	43	36	25	28	36	50	35	39	30	23	25	33	35	24	24	36	32	32	34	28	29	43	30	39	38	37	28	29	34	35	33.2
Coatesville	Maximum	66	69	56	58	66	64	72	74	60	59	61	69	56	52	62	71	78	79	77	74	76	76	59	55	55	57	57	65	78	76	74	65.0
	Minimum	54	55	41	33	35	51	54	44	44	39	41	37	44	37	34	35	45	52	47	46	39	50	53	45	45	42	39	38	48	51	44	44.1
Columbia	Maximum	67	69	60	62	69	62	70	78	65	63	63	70	60	55	57	66	79	80	83	72	76	76	67	57	57	59	60	73	78	80	79	68.1
	Minimum	52	58	47	29	35	46	58	41	46	36	39	35	38	32	33	34	39	42	42	49	37	49	53	48	49	52	48	32	35	44	50	42.8
Corry	Maximum	70	66	46	61	61	65	63	63	47	44	55	58	48	46	56	69	74	75	68	59	69	68	42	42	49	48	50	67	74	71	61	58.8
	Minimum	50	46	34	29	32	50	48	38	37	34	28	40	40	36	30	40	34	35	44	32	29	41	38	37	38	35	39	28	36	38	41	37.3
Coudersport	Maximum	67	64	48	59	62	64	64	67	52	45	57	56	52	46	49	57	72	74	76	74	70	75	64	44	53	50	51	74	70	70	62	60.9
	Minimum	48	47	31	22	29	47	49	34	37	29	31	34	36	35	28	35	31	34	34	32	26	37	39	36	37	37	36	29	28	39	40	35.4
Curwensville[1-6 NW	Maximum	68	64	45	56	59	62	62	65	48	43	53	58	45	43	45	53	66	72	74	64	68	75	47	41	49	47	46	59	72	71	70	57.5
	Minimum	43	36	27	25	35	47	41	40	23	27	27	37	32	29	24	36	39	44	49	36	37	47	36	36	36	33	33	35	46	42	31	36.1
Derry	Maximum	83	75	55	70	65	69	66	70	51	50	61	66	52	46	51	62	72	76	77	69	73	75	50	47	50	54	52	54	72	75	66	65.4
	Minimum	54	31	39	31	40	50	45	40	30	28	41	37	35	36	37	39	43	42	44	42	40	40	33	63	57	42	44	42	44	41	46	41.1
Donegal[1]	Maximum	78	67	66	65	61	54	60	68	43	48	57	61	47	42	44	57	66	72	73	61	70	75	54	44	52	48	50	68	71	71	63	59.9
	Minimum	50	40	29	25	34	52	38	38	32	26	21	44	32	26	24	33	34	42	44	33	28	46	42	38	36	36	28	26	42	35	40	35.3
Donora[1]	Maximum	85	70	51	70	68	68	71	71	54	52	61	68	57	49	52	66	74	78	79	68	79	81	56	50	58	52	57	75	77	77	67	65.8
	Minimum	58	43	38	35	44	59	54	45	40	33	33	39	35	32	41	42	43	47	47	40	38	54	48	43	46	40	36	38	47	45	53	43.0
Eagles Mere	Maximum	59	60	44	48	63	65	60	68	60	45	60	60	46	42	42	55	74	73	73	69	70	75	42	42	42	52	48	46	65	74	72	62	58.5
	Minimum	30	43	30	28	28	36	42	44	37	37	29	37	31	36	31	28	29	37	39	45	37	49	44	40	35	35	39	35	31	33	41	40	35.6
East Waterford[6-3 E	Maximum	58	59	44	52	57	59	60	67	50	47	55	60	47	40	45	56	70	75	78	61	68	73	54	44	41	43	37	35	41	53	57	56	58.7
	Minimum	44	48	36	32	41	47	53	49	35	33	35	42	39	35	30	38	46	54	60	42	49	54	41	43	52	45	54	47	43	50	65	76	70	43.5
Ebensburg	Maximum	73	49	59	59	59	63	63	67	44	44	55	60	47	41	44	56	61	73	74	62	70	74	52	47	53	47	47	53	51	54	72	75	76	58.0
	Minimum	41	46	33	26	38	47	49	43	35	30	22	30	37	34	25	34	39	45	47	40	35	50	46	37	39	40	40	37	28	35	36	36	37.0
Emporium-1 E	Maximum	72	56	44	61	65	65	67	70	50	48	60	62	52	48	51	60	74	78	80	67	74	80	45	44	50	45	47	56	67	75	76	65.4
	Minimum	51	54	34	28	30	54	50	38	38	34	34	41	37	39	33	39	43	44	47	39	36	45	42	39	41	42	38	33	33	38	48	52	43.2
Ephrata	Maximum	66	69	58	59	66	62	67	75	65	60	61	67	59	53	53	62	74	77	78	69	72	74	65	53	56	57	56	67	75	76	76	65.4
	Minimum	52	58	42	31	35	51	59	42	45	37	39	36	40	34	32	38	42	44	45	48	37	51	53	47	49	47	38	33	38	48	52	43.2
Erie[1]	Maximum	71	64	47	64	65	68	63	61	49	47	59	57	48	50	51	58	66	76	78	58	72	70	47	46	53	49	50	62	71	71	66	59.9
	Minimum	54	45	42	38	50	54	53	45	42	41	39	48	44	41	38	48	50	57	52	45	47	47	40	42	46	46	40	31	27	33	38	41	41.5
Everett[1-0.5 SW.	Maximum	73	54	54	59	64	67	65	78	52	54	55	66	52	45	50	62	75	80	81	67	73	81	57	53	58	55	56	74	80	76	75	64.5
	Minimum	50	48	31	29	34	46	41	37	37	29	27	37	34	31	26	33	39	39	45	35	34	42	45	46	46	40	31	27	33	38	41	36.8
Farrell	Maximum	76	74	53	66	65	64	69	68	59	50	62	64	60	51	52	65	74	77	78	75	76	74	55	45	49	49	58	71	76	75	71	62.8
	Minimum	58	53	38	32	39	55	51	50	50	35	25	47	44	40	30	41	43	44	48	38	40	45	42	43	40	37	36	35	51	54	69	52	42.1
Ford City-4 S	Maximum	80	56	50	65	70	66	65	66	52	50	58	63	51	50	52	71	73	80	83	67	74	77	50	46	49	47	53	51	54	72	74	69	62.8
	Minimum	45	52	37	30	32	41	45	40	38	32	29	30	39	39	29	30	34	34	36	36	30	50	46	40	39	40	33	29	32	36	40	38	36.9
Franklin	Maximum	76	59	49	62	63	64	66	63	51	58	63	51	50	49	61	73	74	77	77	64	73	75	45	45	52	48	55	70	76	73	64	61.3
	Minimum	47	52	36	31	33	39	52	42	35	36	31	31	41	37	30	31	36	37	39	39	32	33	42	40	41	42	38	33	34	38	40	37.5
Fredericksville-1 S	Maximum	62	67	58	56	64	60	65	72	63	52	59	63	58	50	50	56	73	75	77	73	74	78	58	50	55	51	54	72	74	75	71	64.0
	Minimum	48	55	39	25	29	45	55	37	43	33	40	31	36	30	28	34	41	42	48	33	33	49	43	42	41	38	26	35	45	44	38.6
Freeland	Maximum	55	61	49	53	60	56	59	66	61	46	52	58	53	43	42	54	65	70	77	65	65	70	60	49	52	48	47	57	73	72	71	58.4
	Minimum	42	48	33	29	38	47	49	40	36	35	32	38	37	33	30	33	38	49	54	42	41	47	41	42	42	42	36	36	32	41	52	43	39.8
George School	Maximum	67	70	57	58	65	65	70	73	63	62	61	67	62	52	52	62	72	78	79	74	73	71	62	52	53	57	59	63	75	75	76	65.3
	Minimum	50	55	41	30	33	50	55	43	46	37	42	36	40	35	31	36	35	47	45	42	37	50	52	48	44	43	39	29	43	48	48	41.9
Gettysburg	Maximum	61	64	51	57	67	60	65	69	68	57	59	66	62	53	53	66	72	77	79	69	74	77	58	50	53	54	57	69	78	77	79	66.5
	Minimum	51	56	46	31	35	50	58	45	44	35	32	38	38	35	31	29	42	43	43	46	38	45	51	48	51	48	41	33	36	43	48	42.5
Gordon	Maximum	60	65	55	57	62	57	66	72	64	52	53	63	57	48	48	57	71	75	78	65	70	74	70	54	60	53	50	61	75	70	72	62.6
	Minimum	47	55	38	25	30	47	47	35	40	31	28	31	37	31	29	29	32	35	37	47	30	45	50	43	45	41	39	25	32	37	46	37.5
Greensburg 2 S	Maximum	82	74	55	68	65	66	65	69	50	50	60	65	55	48	50	62	70	75	77	73	74	78	58	50	55	51	54	72	74	75	65	64.0
	Minimum	55	52	41	26	33	53	45	38	39	39	26	32	32	34	25	32	31	30	42	29	41	42	51	45	46	37	30	26	31	32	37	37.2
Hanover[1]	Maximum	66	64	53	59	63	61	68	75	58	56	59	67	56	48	54	65	74	79	82	70	75	78	60	60	64	58	58	71	79	80	78	66.5
	Minimum	46	54	45	33	38	49	54	46	14	36	34	40	40	46	31	36	43	48	50	51	43	47	57	48	48	48	39	39	41	45	51	41.2
Harrisburg Arpt.[1-3.5 S	Maximum	67	67	53	60	64	59	69	75	57	55	62	69	54	49	51	64	76	80	82	70	75	80	60	54	59	57	57	70	78	78	76	65.4
	Minimum	51	53	36	31	36	50	48	44	42	38	35	35	41	36	34	43	46	44	41	44	38	48	50	45	49	45	41	35	38	45	50	42.4
Hawley-0.5 E	Maximum	57	66	51	58	65	60	66	72	62	50	59	62	56	46	48	58	68	76	81	68	72	77	64	49	56	50	50	59	75	70	72	62.1
	Minimum	40	54	38	25	28	45	52	34	41	31	34	30	41	37	36	33	30	35	36	45	30	38	48	42	44	40	38	26	28	40	40	37.4
Hewitt-2 SW	Maximum	85	75	58	65	61	69	68	78	77	57	68	68	51	53	66	72	82	81	75	76	80	79	50	47	45	47	36	26	30	34	50	60.4
	Minimum	52	45	45	25	25	46	50	34	40	27	28	32	26	23	30	34	38	33	33	28	49	50	47	45	47	36	26	30	31	50	50	37.3
Holtwood[1]	Maximum	71	71	57	60	65	62	68	74	59	55	58	66	56	52	52	64	74	81	75	66	71	70	63	56	58	53	46	41	39	45	46	51	46.1
	Minimum	57	57	40	37	43	52	52	46	46	43	44	45	43	40	38	41	45	47	47	48	44	51	58	50	55	56	54	50	48	50	48	48	48.3
Huntingdon	Maximum	64	65	56	61	58	71	68	77	68	51	59	67	57	46	52	63	76	81	82	68	74	78	60	54	59	57	57	70	78	78	76	65.4
	Minimum	50	50	38	29	34	47	50	37	46	32	30	32	36	32	27	41	35	35	35	36	30	42	46	43	46	40	35	28	33	43	43	37.8

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	80	75	82	60	62	66	64	65	52	45	53	63	57	45	47	59	69	66	73	69	71	75	68	47	50	59	52	68	69	52	62	61.2
	Minimum	42	50	37	31	42	53	50	49	40	31	31	40	30	37	25	35	38	44	46	41	38	36	40	36	40	34	35	40	15	1	25	34.6
Irwin	Maximum	82	78	55	67	67	66	67	67	51	48	58	65	64	48	47	62	68	70	75	76	71	73	72	54	55	53	54	69	70	54	63	64.2
	Minimum	54	51	39	30	40	55	52	47	40	30	28	43	38	32	28	34	41	45	48	39	36	53	48	43	44	36	44	44	41	18	33	41.1
Jamestown 2 NW	Maximum	78	55	46	62	65	65	57	51	48	59	61	50	48	50	62	70	74	75	68	72	73	43	45	54	59	61	68	75	73	75	69	63.2
	Minimum	37	49	34	30	38	46	51	46	33	38	30	34	41	36	26	33	34	41	47	36	34	41	41	39	38	36	40	41	44	33	33	38.2
Johnstown	Maximum	83	56	50	64	63	67	65	77	49	50	62	69	63	45	51	62	72	80	77	80	72	77	81	41	39	38	36	48	44	46	42	61.4
	Minimum	51	32	41	32	36	45	55	43	41	33	31	37	43	38	33	38	40	46	44	44	34	41	44	33	38	36	38	44	40	42	4	41.6
Kane 1 N	Maximum	73	65	42	60	65	59	63	61	49	45	55	56	45	45	47	56	69	71	74	59	68	73	45	42	51	48	49	60	62	68	69	58.8
	Minimum	49	38	28	23	29	49	34	34	30	28	25	31	31	24	21	32	34	32	35	30	26	44	37	37	37	35	27	26	31	35	25	32.1
Lancaster	Maximum	67	72	61	57	64	62	66	72	67	56	58	66	60	59	58	63	73	76	75	72	71	73	70	59	56	59	56	70	76	76	68	66.3
	Minimum	51	55	42	29	32	46	57	40	44	34	36	33	37	31	29	33	39	38	39	43	38	43	42	47	50	41	35	39	43	44	44	39.5
Lawrenceville	Maximum	59	64	51	61	67	71	65	74	55	49	60	60	48	45	49	61	75	79	82	68	72	79	62	45	57	46	49	62	76	76	65	62.4
	Minimum	46	51	34	26	35	45	53	40	42	31	35	38	42	37	34	37	32	35	36	37	30	39	40	38	41	40	39	38	36	35	44	37.4
Lebanon	Maximum	69	65	55	60	66	61	70	76	58	56	62	69	57	56	63	63	77	82	82	71	74	78	60	52	60	52	60	76	75	76	68	65.8
	Minimum	45	52	43	30	35	46	52	41	45	35	33	35	40	30	28	35	41	41	43	39	37	40	39	38	41	40	39	40	38	41	40	38.0
Lewistown 2 SW	Maximum	82	64	58	65	69	67	68	76	75	53	61	69	60	49	52	59	77	81	82	71	76	80	64	52	59	54	48	47	39	42	35	63.0
	Minimum	52	56	39	30	39	38	45	41	46	29	30	34	44	35	28	40	39	40	46	34	43	49	44	47	45	44	47	44	40	37	44	40.9
Lock Haven 6	Maximum	63	65	55	62	59	72	69	73	56	52	61	66	55	50	53	62	75	81	81	68	74	80	64	48	58	52	57	69	70	74	65	63.7
	Minimum	52	53	39	29	35	49	53	40	40	33	30	35	35	37	28	40	38	39	39	42	33	45	41	45	44	44	44	47	46	42	42	40.4
Marcus Hook 1	Maximum	78	79	69	64	71	68	74	78	78	61	62	70	65	59	56	65	79	80	85	73	83	80	71	61	63	66	65	74	81	82	82	71.6
	Minimum	52	57	43	37	43	57	55	48	44	47	50	47	43	39	45	47	56	58	55	48	55	53	44	43	45	41	45	44	44	39	31	46.3
Martinsburg 1	Maximum	70	66	53	58	60	68	63	73	52	48	57	62	53	43	47	58	71	77	76	71	77	78	61	64	66	65	54	64	74	76	73	65.5
	Minimum	46	44	33	29	36	49	45	41	37	30	28	38	38	34	29	37	44	48	50	42	36	49	43	41	43	39	37	37	37	18	19	40.3
Mauch Chunk 1 SW	Maximum	56	63	59	54	60	60	62	65	59	50	55	60	52	49	47	62	66	71	74	73	65	68	59	57	57	53	57	66	68	68	71	60.2
	Minimum	50	56	37	26	28	42	56	36	43	33	35	30	36	31	34	37	30	58	66	44	30	39	47	44	43	41	35	25	30	36	32	35.9
Meadville 1 SE	Maximum	72	53	48	62	62	65	66	65	48	56	57	60	50	48	49	62	71	73	75	63	71	70	42	44	50	45	51	69	75	72	58	59.2
	Minimum	39	50	34	29	34	44	49	40	35	38	30	34	44	40	39	45	39	40	46	34	43	50	18	35	25	30	36	36	37	36	32	36.2
Mercer 1 2.5 NE	Maximum	74	66	45	60	63	65	63	59	49	48	57	62	45	46	48	59	69	72	74	60	69	72	44	43	50	48	52	69	72	70	58	59.3
	Minimum	52	42	31	29	40	54	46	41	33	31	32	42	39	35	25	38	37	43	48	37	37	43	39	38	39	38	35	37	44	43	30	38.5
Middletown 1 1.5 W	Maximum	67	67	54	58	63	59	68	74	56	56	59	66	57	48	56	63	75	78	80	69	73	77	59	54	56	57	56	69	77	76	73	64.6
	Minimum	49	54	35	31	34	50	54	43	44	34	33	37	40	33	30	45	40	42	44	42	35	45	51	45	48	45	44	44	39	41	42	41.9
Midland 6	Maximum	79	71	51	61	66	66	65	60	52	52	59	64	56	48	51	60	72	75	77	73	74	76	61	50	51	45	48	45	51	57	42	59.6
	Minimum	56	45	38	34	40	58	45	43	40	35	32	42	37	35	38	39	40	41	44	40	35	49	42	41	40	39	34	34	39	40	37	40.1
Montrose 3 E	Maximum	61	60	42	54	62	63	58	67	49	46	52	58	44	40	41	57	69	73	76	62	65	72	44	43	52	49	47	54	64	68	61	56.5
	Minimum	32	44	32	25	29	38	49	37	38	33	31	33	38	34	32	32	32	37	18	41	40	43	41	36	36	42	35	36	35	40	41	36.6
Mt. Lebanon 6	Maximum	82	67	53	65	65	64	67	68	52	51	60	67	52	46	51	63	72	75	77	66	75	79	51	46	57	50	56	72	75	77	63	63.4
	Minimum	55	47	38	33	46	56	51	43	38	31	31	44	34	32	29	38	42	47	52	39	39	50	43	40	39	38	33	40	49	46	43	41.5
Mt. Pocono 1-2 N	Maximum	60	62	45	52	62	56	62	66	50	46	54	58	47	40	45	56	67	73	77	64	69	73	54	48	53	49	52	65	72	73	61	57.6
	Minimum	41	40	25	21	35	44	43	36	33	30	33	30	37	32	29	32	35	46	18	38	35	44	43	41	38	35	32	28	36	43	36	35.3
New Bloomfield	Maximum	69	64	55	57	62	59	68	75	65	59	59	68	55	50	53	62	75	78	81	69	72	77	70	50	58	55	56	66	74	74	74	64.5
	Minimum	47	52	40	25	30	47	55	37	41	33	25	30	28	34	25	33	34	36	32	42	30	42	46	43	45	43	40	27	31	40	38	37.4
Newburg 1 3.5 NW	Maximum	60	62	50	57	62	60	66	71	56	53	56	66	55	49	50	62	68	72	72	64	70	76	58	54	58	56	56	64	68	68	66	61.8
	Minimum	48	50	32	30	35	46	44	41	40	32	32	34	36	32	34	42	42	44	46	41	38	46	46	42	38	34	38	36	36	36	34	40.4
New Castle 1.5 N	Maximum	78	72	55	65	64	71	69	68	52	52	62	65	54	49	51	63	73	76	78	67	74	75	52	46	54	50	56	66	74	74	62	64.6
	Minimum	42	52	36	32	36	54	52	45	38	39	31	43	36	31	29	37	36	37	41	34	40	50	43	40	39	39	36	32	36	37	30	37.2
Palmerton 1	Maximum	67	68	50	57	63	61	65	70	57	52	58	63	53	48	47	61	74	76	80	67	69	69	60	50	55	54	52	58	71	68	72	61.8
	Minimum	50	47	30	28	32	48	43	39	37	35	35	34	40	33	31	37	38	40	41	40	33	46	46	44	46	41	40	38	41	44	43	38.3
Park Place 1-1 NW	Maximum	60	60	47	51	57	56	60	65	51	46	54	60	47	44	42	55	68	72	77	64	66	70	58	44	53	50	49	57	71	69	66	57.7
	Minimum	42	41	30	29	37	46	46	44	36	34	32	37	35	29	28	37	40	48	50	37	35	47	42	38	43	36	35	41	45	47	45	38.3
Philadelphia Arpt 1	Maximum	69	72	55	58	66	67	71	72	60	60	59	67	59	58	50	61	72	78	78	70	73	71	61	52	54	57	56	65	74	75	75	65.4
	Minimum	52	55	34	32	35	51	48	46	41	38	41	38	38	36	33	37	36	43	45	46	38	47	50	46	50	45	43	41	44	47	45	42.9
Philadelphia C.O. 1	Maximum	68	71	56	58	65	66	69	73	62	59	60	67	58	54	50	64	73	78	80	72	74	77	62	52	56	57	56	65	74	74	75	64.8
	Minimum	54	56	44	39	46	57	57	52	48	45	48	47	49	42	38	42	48	52	56	58	60	62	52	54	58	57	56	75	78	75	65	54.4
Phila. Shawmont	Maximum	66	72	60	60	66	64	70	73	66	60	60	68	57	51	50	62	74	78	79	68	73	65	59	50	52	42	38	48	43	49	54	59.2
	Minimum	53	59	45	32	37	50	49	42	48	38	43	38	40	36	33	33	37	45	46	49	38	50	54	46	50	47	46	43	48	54	56	49.2
Philipsburg 1-7 E	Maximum	61	63	44	55	57	61	62	70	49	44	53	61	47	44	45	54	68	73	76	61	66	74	54	44	51	48	50	66	72	71	65	58.5
	Minimum	46	39	26	21	34	48	33	32	31	24	20	38	34	29	26	37	42	38	37	30	27	52	38	36	40	37	30	28	36	36	35	34.2
Phoenixville-1.5 SE	Maximum																																
	Minimum	49	59	38	28	31	47	57	39	45	33	40	34	37	31	29	29	33	38	40	44	32	45	48	46	50	47	37	37	32	38	44	39.6
Pittsburgh Arpt Sta. 1	Maximum	81	68	50	66	66	64	65	67	50	52	60	64	53	46	50	63	69	74	76	64	73	76	52	47	55	49	53	71	73	74	63	62.4
	Minimum	55	44	39	34	46	56	51	42	39	36	34	46	38	37	34	40	43	47	52	44	40	50	42	41	42	40	35	40	49	50	43	42.9
Pittsburgh City Office 1	Maximum	82	68	51	66	66	65	66	68	51	52	60	67	53	47	51	64	73	78	79	67	73	77	52	47	55	49	53	71	73	74	64	63.4
	Minimum	58	48	42	36	43	54	46	43	39	35	38	42	39	35	33	38	40	44	48	50	44	49	46	43	44	42	39	38	43	44	42	42.9
Port Clinton	Maximum	60	60	51	54	64	65	70	65	51	48	56	64	52	48	50	62	72	76	78	70	74	78	59	51	53	48	51	66	72	76	66	63.7
	Minimum	48	50	42	27	30	39	50	38	38	35	32	37	32	31	32	40	40	40	46	34	36	53	46	43	41	39	39	49	48	44	44	41.9
Putneyville-2.5 SE	Maximum	80	70	49	63	62	64	64	61	48	46	58	63	52	45	46	60	70	72	75	65	71	76	58	54	54	51	50	64	68	73	66	61.9
	Minimum	49	47	35	28	36	50	48	40	36	31	27	40	35	35	26	35	35	37	39	35	30	50	42	38	36	39	34	31	36	37	33	37.5
Quakertown-0.5 E	Maximum	64	70	59	56	64	63	68	71	65	56	57	63	57	51	50	58	71	74	78	68	69	70	64	52	53	54	54	66	73	71	73	63.1
	Minimum	47	57	40	25	28	43	57	38	44	32	39	31	38	32	29	31	32	37	39	36	33	45	48	42	46	42	45	25	33	40	39	38.2
Reading 1	Maximum	69	69	54	59	66	62	69	74	59	57	61	67	54	51	52	62	75	79	83	70	74	74	61	53	56	58	57	67	75	76	72	63.3
	Minimum	53	54	40	34	37	51	51	45	46	42	42	40	44	38	36	41	46	50	49	51	41	52	50	48	48	45	39	34	39	46	53	44.7
Ridgway	Maximum	78	55	56	64	65	63	68	64	61	46	59	60	50	50	52	60	73	75	77	63	73	71	44	44	54	55	55	67	76	73	61	61.5
	Minimum	34	53	29	25	26	31	49	33	34	30	28	28	32	31	24	26	34	33	33	34	28	29	41	38	39	38	35	34	35	28	27	32.6
Scranton 1	Maximum	67	67	48	59	66	63	64	74	53	48	56	63	49	44	44	60	72	74	79	68	71	77	54	46	58	52	50	56	74	71	70	61.2
	Minimum	51	48	37	29	34	49	50	39	39	37	36	37	43	38	38	39	37	42	44	44	36	47	44	42	43	40	39	31	38	39	46	40.3
Selinsgrove	Maximum	61	60	56	56	62	65	70	72	66	55	56	67	63	51	52	60	73	77	80	69	73	77	59	54	56	57	56	67	77	78	71	64.2
	Minimum	49	54	39	26	33	45	55	39	41	32	28	35	34	32	28	33	35	35	38	41	32	42	42	42	45	43	40	27	31	40	37	38.5
Somerset	Maximum	79	52	51	60	64	65	65	61	70	52	48	58	51	51	42	48	57	69	71	70	75	72	49	48	56	57	63	77	78	71	64	64.4
	Minimum	47	48	37	24	30	48	47	38	36	25	24	32	37	28	33	33	40	45	48	50	42	49	42	42	45	43	40	27	31	40	37	38.5
Springs 6-1 SW	Maximum	77	68	50	57	63	62	60	68	44	46	56	58	48	38	43	55	72	73	75	67	70	72	51	44	54	50	54	70	72	73	65	61.6
	Minimum	43	44	30	25	33	43	42	40	32	25	24	27	35	22	34	33	40	45	48	46	40	46	41	41	38	33	26	32	42	42	40	35.6
State College 1	Maximum	64	60	48	56	59	68	65	74	50	47	55	62	51	47	48	58	71	77	78	71	77	78	64	47	55	50	52	68	75	74	67	61.8
	Minimum	50	44	30	28	38	50	48	45	38	32	28	45	40	38	30	42	45	50	44	42	37	59	41	39	41	40	40	33	39	48	44	40.9
Stroudsburg 2 E	Maximum	64	69	62	58	65	62	70	73	56	61	64	61	51	51	64	73	79	82	80	58	75	72	52	58	55	44	60	75	72	74	68	65.9
	Minimum	45	57	37	25	28	46	58	36	45	32	39	32	35	33	32	32	38	56	48	33	41	44	44	46	43	39	26	31	39	38	34	38.2
Tamarack 1-2 S	Maximum	61	56	41	46	58	63	59	70	47	45	54	60	48	42	47	53	70	76	78	63	68	63	70	48	41	38	39	56	70	70	59	58.0
	Minimum	32	47	31	28	33	41	47	40	34	31	32	34	36	34	28	30	38	40	46	36	38	43	38	38	35	33	29	30	32	32	30	35.4
Tionesta 1-1.5 SE	Maximum	75	52	46	61	62	64	60	50	48	57	59	49	47	47	38	50	73	75	60	70	73	74	44	52	48	51	48	58	71	73	58	59.1
	Minimum	51	50	34	30	34	37	51	38	36	34	30	31	37	37	28	37	38	70	73	75	60	70	73	44	44	52	38	51	38	38	35	40.5
Titusville 2 S	Maximum	73	66	47	62	62	64	64	61	48	47	57	60	50	46	48	58	71	73	75	67	70	72	51	42	58	49	50	65	70	71	64	60.0
	Minimum	49	45	33	27	39	50	49	42	34	33	26	41	39	35	25	39	34	42	46	36	29	42	42	41	39	40	36	39	33	36	42	37.2
Towanda 1 E	Maximum	62	64	53	61	68	74	65	73	57	54	59	63	53	47	49	63	75	79	81	69	71	77	66	45	59	54	50	54	77	68	69	63.2
	Minimum	43	52	35	24	31	50	49	37	42	38	31	39	44	35	37	32	31	35	36	41	30	39	44	40	43	42	38	24	30	40	49	38.1

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	81	74	56	72	67	67	68	72	51	52	63	68	57	48	50	64	73	76	77	75	75	80	66	55	56	54	58	73	76	78	71	66.2
	Minimum	55	52	41	35	41	56	54	46	39	31	31	41	38	33	33	37	43	44	45	43	34	56	50	44	45	42	33	33	46	41	48	42.3
Vandergrift[1]	Maximum	83	69	52	69	67	66	68	69	52	52	61	68	55	49	53	65	73	77	80	67	75	78	54	50	55	52	57	72	76	77	65	64.7
	Minimum	56	49	35	31	38	54	45	45	38	33	31	43	41	38	30	39	38	39	41	38	33	38	36	32	40	42	38	31	37	40	40	39.0
Warren	Maximum	74	67	47	65	68	61	67	60	54	58	59	59	45	50	51	60	73	76	79	76	75	75	51	43	52	54	54	70	77	74	62	62.4
	Minimum	50	46	33	30	34	51	47	39	38	31	32	38	36	36	32	40	36	36	39	36	35	31	39	37	36	36	36	36	34	39	42	37.5
Waynesburg	Maximum	81	76	55	68	69	65	68	67	52	55	63	66	59	47	54	65	73	77	78	70	75	80	69	51	57	52	58	75	76	77	68	66.0
	Minimum	56	51	38	28	37	39	53	45	38	29	28	42	37	30	28	37	39	38	44	35	32	51	48	42	41	41	33	32	41	38	47	39.3
Wellsboro/	Maximum	64	59	47	60	68	71	65	72	52	46	61	61	49	45	50	58	72	79	79	61	77	76	43	45	55	51	50	64	74	72	69	61.1
	Minimum	31	49	32	22	24	32	40	34	36	29	31	33	38	33	28	32	29	31	33	33	28	29	41	37	37	41	39	23	23	29	38	32.7
West Chester	Maximum	66	69	56	59	66	66	68	73	60	60	61	69	57	55	52	63	74	79	79	70	71	74	63	58	56	57	57	68	80	77	76	65.9
	Minimum	51	56	37	31	37	53	58	44	43	39	43	40	41	37	31	35	41	48	49	51	41	52	53	47	43	47	38	35	40	47	52	43.9
Wilkes-Barre	Maximum	66	67	52	59	65	61	65	74	56	50	58	66	52	47	49	63	72	76	82	70	73	77	51	47	54	53	51	61	76	72	71	62.7
	Minimum	51	50	31	29	33	47	42	38	40	38	35	35	40	35	34	38	33	40	39	41	34	44	43	42	41	39	33	27	32	44	45	38.5
Williamsport Arpt.[1-4 E]	Maximum	64	64	48	57	60	64	68	71	57	53	56	65	52	49	50	60	74	76	78	67	69	75	55	47	57	53	54	58	77	69	67	61.7
	Minimum	50	45	32	30	34	49	43	42	44	36	33	38	40	34	34	42	36	39	38	39	34	48	44	42	46	44	32	29	32	41	47	39.3
William-town	Maximum	61	60	56	58	63	58	67	74	68	56	58	66	57	50	52	59	74	78	83	73	72	76	69	56	58	54	55	68	76	76	74	§64.6
	Minimum	48	54	41	25	32	49	57	36	42	33	27	32	42	30	30	31	41	37	40	49	31	49	52	48	46	43	41	34	37	41	48	§40.2
Woodward[1-2 NE]	Maximum	59	59	45	53	60	60	61	69	49	46	53	60	45	40	45	53	68	73	76	62	67	73	52	42	53	48	49	60	73	67	67	57.6
	Minimum	44	38	31	29	39	47	47	43	34	30	32	40	35	32	27	35	41	48	57	39	45	52	39	36	40	36	36	37	49	50	43	39.7
York-3 SW	Maximum	67	68	61	62	66	62	71	77	69	60	63	70	63	54	57	66	78	82	85	73	78	81	70	58	57	59	60	73	80	82	79	68.7
	Minimum	52	58	44	29	34	47	59	41	45	31	30	30	35	30	27	34	35	40	41	48	36	47	52	48	50	45	36	32	34	40	52	40.7

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**			Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.43	4	29.63	31	8.4	24	sw.	31	78	64	74	48	381
Harrisburg	30.52	4	29.61	8	7.1	26	nw.	27	82	49	64	60	345
Philadelphia	30.53	4	29.63	9	6.9	20	nw.	27	87	58	76	57	246
Philipsburg	30.49	4	29.67	8	10.6	30[a]	w.	2	87	58	76	.....	577
Pittsburgh	30.43	4	29.76	7	10.0	31	nw.	2	82	53	65	57	387
Reading	30.55	4	29.65	8	9.8	40	w.	26	78	46	47‡	62	312
Scranton	30.54	4	29.59	8	6.1	28	nw.	26	87	68†	....	45	434

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. a One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.8	6.4	10	3.0	22	18
Easton	Delaware	4.3	9.1	11	3.0	31	22
Lehighton	Lehigh	3.8	5.2	10	3.3	31	9
Reading	Schuylkill	4.9	6.5	10	4.1	31	13
Wilkes-Barre	N. Br. Susquehanna	6.9	11.2	4	4.4	2	22
Williamsport	W. Br. Susquehanna	3.5	7.9	3	1.7	23	20
Newport	Juniata	4.1	5.2	3	3.5	31	22
Harrisburg	Susquehanna	4.7	6.1	5	4.0	24	17
Schenley, (nr) Lock No. 5.	Allegheny	15.4	21.5	3	12.8	23	24
Sutersville	Youghiogheny	....	.....	.....	.....	.....	.....
Charleroi (nr.), Lock No. 4	Monongahela	12.1	13.7	11	11.0	29	30
Pittsburgh	Ohio	*	*	.....	•	.....	25
Midland, Dam No. 7	Ohio	•	20.6	3	•	.....	30

* Pool stage † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
a, b, c, etc. Number of days missing, for example, b indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Hawley, 1 S.	"	Wallenpaupack Dam (Evaporation)
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Shaver Creek (Evaporation)
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—12-29-45—975)

51.05
1P

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. L. NOVEMBER 1945. No. 11.

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GENERAL SUMMARY.

This was the wettest November since 1921, and in the eastern counties, the wettest since the 90's. But only in 1921 were there as many days with measurable precipitation. Snowfall for the State as a whole was slightly below normal. However, stations in and near Tioga County reported the heaviest fall for any November in a half century of records. The persistance of precipitation during the month, normally the driest of the year, was the result of secondary storms developing on the eastward passage of more than the normal number of Lows past Pennsylvania. The secondaries travel northeastward up the coast, hence the predominance of heavy precipitation in the eastern counties. Fortunately, not very much cold, polar air was drawn southward as they formed, and the temperature for the month averaged close to normal.

The wet months of September and November were directly reflected in autumn's total of 14.42 inches of precipitation. This is third only to those of 1926 and 1889, 14.81 inches and 15.62 inches, respectively. The temperature for the three month, fall period was 53.0°, or 0.3° above average, although killing frost early in October shortened the growing season.

The pleasant weather of the first was short-lived, for, during the 2d and 3d, two frontal systems passed across the State quickly, producing heavy precipitation in northern counties, and were followed by unseasonably low temperatures the next two days. The sixth was notable as the only clear day reported by all stations during the month, and the beginning of a warm period that lasted, with but one brief interruption, until the 20th. Monthly maxima were reported on the 7th and 9th, while the lowest temperatures occurred irregularly during the remainder of the month, some during the warm period when nighttime radiation was favored.

Thanksgiving Day (22d) ushered in the first real signs of winter. High winds attending the passage of another, now familar, frontal system, caused damage in the Philadelphia and and Wilkes-Barre areas. In Pittsburgh the next day, a lad slipped on a hillside coated with snow and ice, and was the first casualty of King Winter.

The big storm of the month came in the closing days. Beginning as rain on the 27th, and changing to snow on the 28th in the northern counties and heavy rain in southeastern counties, it produced 15 inches of snow at Lee Fire Tower, Tioga County, and 3.38 inches of precipitation at Philadelphia, the greatest November 24-hour falls of record for those stations. In Philadelphia several died in traffic accidents due to storm conditions; damage resulted from wind and flooding. Although officially three weeks away, winter had an energetic start.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 42.0°, which is 0.7° above the 58-year normal for November. The highest monthly mean was 51.0° at Marcus Hook, and the lowest was 36.0° at Kane. Extremes ranged from a maximum of 85° at Marcus Hook on the 9th, to a minimum of 5° at Corry on the 27th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 198 stations, was 5.25 inches, which is 2.35 inches above the 58-year normal for November. The greatest monthly amount was 8.20 inches at Newburg, while the least was 2.26 inches at Austinburg. The greatest amount recorded in any 24 consecutive hours was 3.38 inches at Philadelphia City Office on the 28-29th.

The average snowfall for the State was 2.4 inches, which is 0.3 inch below the 58-year normal. The greatest monthly snowfall was 17.0 inches at Lee Fire Tower, Tioga County. The greatest fall for any observational day was 15.0 inches at Lee Fire Tower on the 28-29th.

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	42.2	79	4	3.37	2.1	11	9	7	14
1889	41.8	73	10	6.72	0.7	15	5	8	17
1890	41.8	78	10	1.49	0.5	8	9	10	11
1891	39.7	76	6	2.65	1.2	9	9	8	13
1892	39.0	80	10	4.34	8.6	12	6	8	16
1893	39.2	68	−4	2.93	2.4	8	8	11	11
1894	38.2	74	6	2.50	5.3	9	10	9	11
1895	42.9	78	6	2.48	0.5	10	10	8	12
1896	46.0	83	12	3.55	1.1	10	8	9	13
1897	41.6	76	2	5.28	2.6	14	6	8	16
1898	40.0	73	8	4.03	6.9	11	8	9	13
1899	41.5	72	7	2.66	1.2	7	10	8	12
1900	43 5	79	7	4.10	3.1	12	6	9	15
1901	36.0	76	9	2.56	3.1	8	7	8	15
1902	47.3	78	0	1.53	1.5	8	10	8	12
1903	36.9	78	2	2.18	1.4	7	11	8	11
1904	38.8	79	−4	1.14	3.5	6	10	9	11
1905	39.1	68	5	2.47	0.9	9	11	8	11
1906	41.5	80	9	1.48	4.0	8	12	8	12
1907	39.8	70	4	3.60	2.9	10	13	8	9
1908	41.2	75	−2	0.90	5.0	5	12	8	10
1909	46.4	80	15	1.40	1.9	7	12	8	10
1910	36.8	68	9	2.45	8.5	11	4	7	19
1911	37.8	77	7	2.84	3.7	10	7	7	16
1912	43.0	81	7	2.17	1.9	7	10	8	12
1913	43.9	79	10	3.05	4.5	11	10	5	15
1914	40.6	81	−2	1.76	1.5	6	12	9	9
1915	42.1	79	13	2.18	1.3	10	10	9	11
1916	41.3	79	4	2.27	1.6	9	13	6	11
1917	37.6	69	−5	0.63	1.4	5	14	7	9
1918	42.1	76	11	2.03	T.	7	12	6	12
1919	41.2	76	11	5.35	2.3	12	11	7	12
1920	40.3	75	5	3.54	4.5	11	7	7	16
1921	42.3	80	3	5.75	1.4	16	5	7	18
1922	42.9	73	12	1.21	1.8	9	10	7	13
1923	40.7	70	10	2.83	0.3	10	12	5	13
1924	40.7	78	−9	1.54	2.9	7	12	8	10
1925	39.5	71	4	3.56	2.2	10	11	7	12
1926	40.4	79	−1	4.49	0.9	10	9	7	14
1927	46.2	85	10	4.95	1.8	14	7	7	16
1928	43.4	81	4	2.32	2.3	12	7	8	15
1929	41.1	81	−10	3.39	1.9	12	8	8	14
1930	42.0	75	−15	1.48	2.3	9	10	7	13
1931	49.2	80	12	1.52	2.9	9	10	8	12
1932	39.4	75	−2	4.75	0.3	10	12	7	11
1933	38.1	83	−11	1.55	7.0	11	8	7	15
1934	44.9	80	6	3.61	1.8	12	9	7	14
1935	44.4	85	5	3.84	2.5	12	7	6	17
1936	38.6	78	2	2.40	3.4	8	9	8	13
1937	40.7	79	−3	2.56	2.0	11	11	7	12
1938	42.7	87	−13	3.10	10.9	10	13	7	10
1939	39.7	76	11	0.97	1.6	5	15	6	9
1940	41.3	78	9	4.04	5.8	13	6	6	18
1941	44.1	83	9	2.48	0.2	7	11	7	12
1942	41.8	82	0	3.35	1.8	14	9	8	13
1943	38.7	79	7	2.87	2.2	9	9	8	13
1944	41.6	78	7	2.81	3.2	12	6	7	17
1945	42.0	85	5	5.25	2.4	16	7	7	16
Period	41.3	87	−15	2.90	2.7	10	9	8	13

Climatological Data for November 1945

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[1]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	42.6	+0.6	72	8	18	27	4.34	+1.49	1.08	28-29	1.0	17	6	9	15	e.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	40.4	−0.1	73	6†	17	24	5.29	+2.88	1.00	27-28	0.7	18	11	7	12	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	41.8	.....	74	8	16	26	6.59	.....	1.90	28	T.	16	7	5	18	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	77	45.2	+3.6	74	1	22	24†	7.01	+3.91	2.56	27-28	T.	15	11	4	15	nw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	43.0	+0.5	74	9	20	21†	6.71	+3.92	2.00	27-28	T	15	11	8	11	w.	Charles A. Bender.
Coatesville	Chester	431	58	45.4	+2.4	72	3†	20	27	5.13	+1.89	1.63	28	T.	14	8	6	16	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	3	36.8	.....	70	7	12	23	5.60	....	1.05	27-28	7.1	21	3	7	20	se.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	37.1	.....	73	8	13	24	6.99	.....	1.25	2-3	7.8	16	16	6	8	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	39.8	.....	66	8	16	24	6.70	.....	2.27	28-29	7.5	15	4	8	18	s.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	45.7	+2.2	73	9	21	24	4.12	+1.48	0.97	21-22†	0.3	14	10	7	13	s.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	40.9	+0.2	74	7	18	21	4.78	+2.67	0.95	27-28	T.	13	8	5	17	nw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	40.1	+2.6	66	8	14	24	5.94§	+2.17	1.20	21-22	3.2§	15	4	1	25	nw.	Andrew B. Evansha.
George School	Bucks	184	39	46.4	+2.4	73	8†	20	27	5.44	+2.38	1.23	14-15	2.0	14	13	7	10	nw.	George M. Hart.
Gettysburg	Adams	500	72	46.0	+3.4	76	10	21	27	6.13	+3.29	2.50	27-28	T.	15	11	8	11	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	42.2	+2.1	70	9	13	24	5.49	+2.09	1.26	21-22	T.	13	11	3	16	ne.	Miss Sallie M. Johnson.
Hanover	York	600	41	45.8	+0.8	76	9	20	24	5.10	+2.61	1.82	28-29	0.3	12	10	7	13	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	44.6	+1.8	73	9	22	24	5.54	+3.28	1.84	27-28	T.	15	6	6	18	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	40.8	+1.5	70	9	14	24†	5.50	+2.51	1.01	2-3	5.1	16	11	7	12	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	46.4	+1.1	72	9	25	24	3.83	+1.37	1.48	28-29	0.5	13	7	11	12	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	41.4	−0.3	76	7	16	21†	6.60	+4.14	1.58	28-29	T.	13	5	4	21	w.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	58	45.4	+2.2	75	9	17	27	4.42	+1.77	1.16	27-28	T.	14	13	9	8	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	40.7	+1.5	74	7	15	27	4.61	+2.31	1.26	28-29	8.0	12	10	7	13	n.	Carlos P. Darling.
Lebanon	Lebanon	469	61	44.3	+1.6	74	9	19	24	5.24	+2.29	1.28	28-29	T.	12	13	7	10	sw.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	7	43.4	.....	73	9	21	23	6.20	....	2.00	28-29	T.	14	5	10	15	w.	American Viscose Co.
Lock Haven	Clinton	557	54	41.8	−0.1	75	7	21	23	6.57	+4.03	2.13	28-29	T.	14	11	3	16	e.	William R. Kelley.
Marcus Hook‡‡	Delaware	12	19	51.0	+3.1	85	9	27	24	5.31	+2.58	2.70	28-29	0	10	12	5	13	nw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	40.9	.....	72	7	17	23	5.23	.....	1.11	28	....	16	4	6	20	nw.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	40	36.5§	+1.0	66	8	13	24	6.50§	+3.73	1.69	2-3	5.5	18	5	7	18	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	37.6	.....	66	9	12	24	6.48	.....	2.00	22	6.3	17	4	11	15	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	41.6	−0.4	71	9	17	27	3.87	+0.81	1.38	21-22	T.	15	7	4	19	ne.	New Jersey Zinc Co.
Philadelphia	Philadelphia	10	4	48.6	+2.9	75	8	25	24	5.69	+2.99	3.38	28-29	0.6	16	10	6	14	nw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	37.0	.....	68	7	11	23	7.51	.....	2.04	28-29	5.0	19	5	4	21	s.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	46.4§	+2.5	.....	.....	15	27	5.45	+2.26	2.56	29	T	12	16	4	10	nw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	41.5	−0.3	72	9	16	27	5.39	+2.58	1.50	21-22	0.5	13	..	..	..	..	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	43.6	+2.2	71	8†	15	27	5.64	+2.39	1.26	28-29	1.9	16	10	8	12	nw.	John E. Benner.
Reading	Berks	273	75	45.8	+1.9	73	9	23	24	5.07	+2.34	1.76	27-28	T.	17	7	10	13	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	42.4	+1.9	71	8	20	24	5.97	+3.20	1.42	28-29	1.6	17	6	10	14	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	42.8	+1.0	72	9	16	24†	6.01	+3.17	1.03	21-22	0.2	13	7	8	15	ne.	Dr. George E. Fisher.
State College	Centre	1,217	60	41.3	+1.2	70	7	18	23	6.36	+3.86	1.78	28-29	1.4	16	6	6	18	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	44.0	+2.9	73	9	15	27	5.26	+1.52	1.55	21-22	0.2	14	9	3	18	nw.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	5	36.4	.....	70	7	13	23†	5.81	.....	1.32	28-29	9.8	17	5	8	17	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	41.4	+1.5	74	8	16	27	5.11	+2.86	1.33	28-29	4.1	17	4	8	18	nw.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	37.8	+0.2	72	7	14	27	6.06	+3.46	2.18	28-29	15.0	13	6	6	18	w.	M. S. Bliss.
West Chester	Chester	440	96	46.3	+3.0	74	8	21	24	5.40	+1.86	2.45	27-28	0.8	13	14	5	11	nw.	Clyde T. Saylor.
Wilkes-Barre‡‡	Luzerne	544	7	41.9	.....	72	8†	18	27	4.47	+2.25	0.91	2-3	T.	18	5	6	19	nw.	Civil Aeronautics Authority
Williamsport Apt.-4E.	Lycoming	520	1	41.0	.....	69	9	19	27	6.14	.....	1.40	28-29	T	17	6	5	19	nw.	U. S. Weather Bureau.
Williamstown‡‡	Dauphin	775	29	43.4§	+1.2	74	9	16	23†	6.79	+2.91	1.70	21-22	0	12	3	12	15	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	38.2	.....	68	8†	14	23†	7.64	.	2.87	28-29	6.0	17	7	4	19	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	46.8	+3.4	77	9	18	27	4.02	+1.41	1.28	27-28	0	14	12	8	10	sw.	York Water Co.
Division mean				**42.5**	.....	**85**	**9**	**11**	**23**	**5.61**	....	**3.38**	**28-29**	**2.1**	**15**	**8**	**7**	**15**	nw.	
Ohio Drainage																				
Bradford-4 W.	McKean	1,680	28	38.4	−0.4	69	7	12	23†	5.48	+1.98	0.99	1-2	8.8	17	4	7	19	w.	City Water Dept.
Brookville	Jefferson	1,400	55	38.8	+1.1	71	7	16	23	5.46	+2.40	0.84	2-3	2.0	18	6	3	21	s.	Civil Aeronautics Authority
Butler‡	Butler	1,077	32	44.0	+2.8	74	8†	17	24	4.20	+1.36	0.64	2-3	1.0	15	4	9	17	nw.	Butler Eagle.
Clarion‡‡-3 SW	Clarion	1,114	35	41.1§	.....	73	7	16	23	4.82	+1.49	0.82	2-3	2.0	17	3	6	21	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	41.8	−0.3	72	7	16	26	4.26	+1.78	1.04	2-3	2.0	13	6	4	20	sw.	Walter B. Paget.
Corry	Erie	1,410	31	38.4	−0.3	70	8	5	27	3.51	−0.43	0.85	18	5.3	19	4	7	19	w.	J. Fred Kinley.
Coudersport‡‡	Potter	1,653	21	37.5	+0.8	72	7	11	23	4.71	+2.01	0.99	28-29	8.0	16	4	7	19	se.	Potter Enterprise.
Derry	Westmoreland	1,150	48	44.0	+1.7	75	7	20	23†	4.93	+2.11	0.57	9-10	1.5	18	7	7	16	sw.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	38.6	.....	72	7	12	26	5.55	.....	0.82	19	2.5	18	1	18	11	w.	Penna. Turnpike Comm.
Donora‡‡	Washington	761	19	45.9	+0.9	76	7	22	23	4.61	+2.11	0.90	13	0.5	17	6	2	22	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	39.3	+0.7	72	7	15	23†	4.81	+1.76	0.74	27	3.7	18	9	2	19	sw	John L. McGough.
Farrell	Mercer	855	32	44.2	+2.6	73	8	21	23	3.29	+0.91	0.60	16-17	0.5	15	12	3	15	ne.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	2	40.8	.....	73	7	17	24	4.89	.....	0.86	2-3	1.2	14	7	1	22	w.	U.S. Engineers.
Franklin	Venango	987	71	40.8	+1.2	70	8	19	24	3.81	+0.70	0.76	2-3	3.0	15	8	2	20	n.	William K. Fuller.
Greensburg-2 S.	Westmoreland	1,160	36	42.4§	−0.4	75	7	12	24	4.70	+2.11	0.60	13-14	1.0	20	6	3	21	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	42.4	+1.2	72	7	18	24	4.84	+1.91	0.58	27-28	1.0	17	8	12	10	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	41.4	.....	71	8	17	23†	3.29	+0.66	1.08	17-18	...	14	..	..	..	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	42.9	+0.9	77	7	21	23	4.64	+1.67	0.77	19	1.0	14	9	6	15	se.	Johnstown Tribune Pub. Co.
Kane-1 N.	McKean	1,750	30	36.0	.....	69	7	9	23†	5.64	+2.17	0.83	28	10.1	18	5	5	20	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	40.4	+1.4	70	8	18	23	3.20	−0.20	1.06	17-18	2.9	14	3	6	21	sw.	City of Meadville.
Midland	Beaver	780	9	43.2	.....	70	7†	20	23	4.38	.....	1.23	2-3	0.3	14	3	8	19	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	43.3	+2.8	71	6†	14	24	3.46	+1.00	0.66	17	1.2	17	5	9	16	n.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	43.4	+2.2	74	7	18	23	3.79	+1.50	0.79	2-3	0.6	17	2	6	22	s.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	39.6	.....	72	7	14	24	5.24	.....	0.83	2-3	3.0	18	6	5	19	nw.	U.S. Engineers.
Ridgway	Elk	1,385	38	37.8	−0.2	73	7	11	23	5.26	+2.33	1.00	28-29	4.3	18	6	1	23	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	39.8	+1.1	74	7	12	26	5.66	+2.43	0.77	13-14	3.0	21	2	7	21	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	38.2	−0.3	72	7	9	26	6.15	+3.10	1.30	21	6.0	19	3	8	19	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	39.1	.....	69	7†	16	23†	4.62	.....	0.90	2-3	1.4	16	7	2	21	nw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	39.5	.....	69	8	12	23	4.43	.....	0.90	17-18	5.0	18	1	15	14	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	45.8	+1.9	76	7	21	26	5.09	+2.03	0.90	13-14	1.0	18	5	12	13	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	43.8	+1.0	76	7	20	24	4.72	+2.18	0.69	3	.....	17	5	15	10	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	40.8	+1.5	72	7	15	23	4.69	+1.22	0.87	28-29	4.0	17	7	12	11	se.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	44.5	+1.1	75	7	19	26	4.23	+1.78	0.84	13-14	1.5	16	3	13	14	sw.	Thomas S Knox.
Division mean				**41.1**	.....	**77**	**7**	**5**	**27**	**4.58**	....	**1.30**	**21**	**2.9**	**17**	**5**	**7**	**18**	sw.	
Lake Drainage																				
Albion	Erie	900	2	42.2	.....	73	8	18	23	2.55	.....	0.72	17-18	.....	13	2	11	17	n.	Charles C. Gilbert.
Erie	Erie	705	72	44.0	+2.6	75	8	22	23	2.97	−0.33	0.53	17-18	4.1	17	1	7	22	sw.	U. S. Weather Bureau.
State mean				**42.0**	**+0.7**	**85**	**9**	**5**	**27**	**5.25**	**+2.35**	**3.38**	**28-29**	**2.4**	**16**	**7**	**7**	**16**	nw.	

[See page 88 for explanation of reference marks.]

Daily Precipitation for November 1945

Stations	Counties	Day of month																											Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike			.17								.50	.27	.06		.36			.05		.65		.40					.06	.92	.56		4.00
Hawley[2], 0.5 E	Wayne	T		.84	.17						.15	.50	.40	.03	.34	.39		.05	.11	.01	.41		.88	T.	T.	T.	T.	.27	.47	.48		5.50
Hollisterville[2]	Wayne	.01		.96	.12						.09	.48	.81	.03	.28	.33		.02	.15	.06	.45		.62	.01	T.	.02		.18	.65	.47		5.21
Lakeville[2], 1 N	Wayne			1.27	.09					.01	.03	.71	.33	.19	.08	.38		.01	T.	.02	.51		.47					.04	.31	.84	.51		5.80
Matamoras[2]	Pike			.32	.12							.51	.24	.11	.12	.40														1.21	.76		5.87
Mount Pocono[1], 2 N	Monroe		.22	.34	T					.12	.31	.62	.15	.04	.39	.04			.10	.70	.16	.03	1.97	T.	T.	T		T	.94	.26	.09		6.48
Pleasant Mount[1, 5], 1 W	Wayne	*	*	*	*	1.50	*	*	*	*	*	*	2.12	*	*	*	*	*	*	1.28	.10	*	*	*	*	*	90	*	*	*	*		5.90
Stroudsburg, 2 E	Monroe		.12	.07							T.	.87	.18		.11	.18			.01	.06	.72	.04	1.52						.26	.82	.31		5.26
Tanners Falls[1, 5], 1 SE	Wayne	*	*	1.40						.29	.36	.70	.10	.15	.40			.05	.09	.55	.01	.02	.43							.60	.28			5.43
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh		.09	.03						.02	.18	.56	.01	.02	.29	.07		T.	.06	.57	.04	.17	.75					T	.88	.58	.02		4.34
Allentown[2]	Lehigh			.09	.04						.04	.44	.28	.01	.10	.36			.07		.61		1.13	T.					.19	1.17	.40		4.93
Bethlehem[1],	N'rthampton		.08	.03						.01	.13	.39	.02	.07	.37	.04		T.	.07	.59	.05	.12	.72						.96	*	1.12		4.77
Blakeslee Corners[1, 5]	Monroe	*	*	*	*	1.10				.13	*	*	.83	*	*	*	*	*	*	*	1.16	*	*	*	*	*	1.34	*	*	*	*		4.56
Gouldsboro[2]	Wayne			.90	.14						.33	.48	.23	.02	.42	.33		.05	.10	.02	.64		1.01						.29	1.06	.45		6.47
Lansford[2]	Carbon		T.	.69	.07						.15	*	*	.77	.23	.30			*	.16	.62		1.34						.67	1.06	.32		6.38
Mauch Chunk, 1 SW	Carbon		*	.50							.09	.75	.18		.23	.30			17	.24	.41		1.64	T.					.85	.90	.04		$6.30
New Tripoli	Lehigh		.12	.11							.06	.61	.08	.04	.18	.27		T.	.06	.82	.05		1.30						1.18	.72	.10		5.70
Palmerton[1, 5]	Carbon		.13	.10						.04	.14	.38	.01	.03	.14	T.		.02	.03	.62	T.	.20	1.18						.67	.18	T.		3.87
Zionsville, 1 SW	Lehigh		*	.10							*	.70	.10	.10	*	.80			*	.50	.25		1.10						.60	1.30	.05		5.60
SCHUYLKILL																																	
Conshohocken	Montgomery																																
Fredericksville[2], 1 S	Berks		T.	.09	.01	T.					.58	.16	.01	.06	69				.09		.68		1.24			T.			.31	1.46	.26		5.64
Gratersford[2]	Montgomery			T.							.12	.31	.16	.18	.44				.08		.71		.94						.28	1.56	.03		4.81
Phoenixville[2], 1.5 SE	Chester				.03						.12	.13	.02	.06	.38				.03		.70		1.10						.25	2.56	.07		5.45
Port Clinton[2]	Schuylkill			.38	.03						.41	.18	.05	.25	.32			.08			.60		1.50		T.				.61	.80	.18		5.39
Pottstown[2], 0.5 S	Montgomery		T.	.04	.05						.27	.16	.03	.06	.41				.04		.63		.86						.28	1.85	.11		4.79
Pottsville[2]	Schuylkill			.87	.03						.12	.43	.22	.03	.25	.21			.13		.47		1.23		T.				.65	.66	.22		5.52
Reading[1, 5]	Berks		.10	.01							.11	.34	.03	.08	.59	.04		T.	.03	.81	.01	.25	.63		T.			.07	1.73	.21	.03		5.07
Wernersville	Berks		.16	.07						T.	.06	.55	.06	.02	.19	.37		T.	.05	.91	.01		1.49	T.					1.40	.78	.07		6.19
LOWER DELAWARE																																	
Coatesville[6]	Chester		.01	.02								.15	.03	.03	.18	.34			.08	.67	.02		1.10						1.63	.82	.05		5.13
Doylestown	Bucks		T.	.01	T.						T.	17	.03		.35	.16			.03	.55	.31		1.08						.67	.94	.08		4.38
George School[6]	Bucks		T		.03						.02	.11	.05	.05	.94	.29			.09	.76	.05		.90						.84	1.11	.20		5.44
Marcus Hook[2]	Delaware				.04							T.	.06	T.	.60	.30			*		.65		.87						.03	2.70	.06		5.31
Philadelphia Airport Station[1, 5]	Philadelphia		T	.02	.02						.01	.06	.03	T.	.61	.12		.04	.05	.55	.03	.01	.73					T.	2.22	.41	.04		4.95
City Office[1, 5]	Philadelphia		T	.04	.02					T.	T.	.09	.02	.02	.58	.14		.01	.07	.47	.01	.02	.69					T.	2.78	.71	.02		5.69
Shawmont	Philadelphia		T		.05						T	.08	*	.06	.65	.32			.07	.65	.25		1.43						2.05	2.00	.12		7.73
Quakertown, 0.5 E	Bucks		.02	.08	.01						.08	.49	.09	.03	.12	.59			.09	.50	.35		.96						.75	1.26	.22		5.64
West Chester	Chester		T.	T	.04						.02	.10	.04	.03	.17	.17		T.	.05	.65	T.		1.41						2.45	.20	.07		5.40
West Grove[2], 1.5 SE	Chester				.10							.09	.08		.13	.40				.08	.81		1.40						.26	1.80	.08		5.23
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga		.14	.16						.02	*	.30		.02				.05	.11	*	.50	.03	.12			.02	.05	.55	.19			2.26
Covington[2]	Tioga		.34	.32							.32		.25		.35			.10	.16		1.16		.72			T		.08	1.93	.52		6.25
Lawrenceville	Tioga		.39	.34						T.	.14	.15	T.	.05				.23		.78	.12		.50			T.		.55	1.26	.10		4.61
NORTH BRANCH																																	
Berwick[2]	Columbia		.33	.71							.18	.59	.11		.41	.24		.05	.10	.33	.10		.49					.22	.69			4.55
Canton[2], 1 NW	Bradford			1.15	.26						.12	.47	.20	.02	.47	.02		.03	.13	.02	.47		1.13		T.	T.	T.	.03	1.43	.18		6.13
Danville[2]	Montour			1.03	.22						.24	.51	.15		.42	.20		.08	.13	.14	.60		.65					.22	.37	.17		5.13
Freeland[2]	Luzerne	T.		1.01	.15			T.			.11	.86	.24	.03	.32	.37			.05	.10	.50		1.20		T.	T.		*	*	1.00		5.94
Hop Bottom[2], 2 S	Susquehanna			1.44	.10						.52	.62	.40		.60			.19	.05	T.	.48		.78		T	.02	T	T	.15	.49	.22		6.06
Millville[1, 5]	Columbia		.30	.90						.39	.24	.42	.05	.20	.30			.07	.09	.58		.26	.35					.04	.36	.20			4.75
Monroeton[2], 2 S	Bradford			.87	.41						.08	.52	.14	.02	.39	.03		.05	.03	.02	.72		52			T.	T.		.07	1.84	.41		6.12
Montrose[2], 3 E	Susquehanna			1.69	.26						.31	.36	.59	.05	.54	.08		.14	.15	.01	.73	T	.68	.01	T.	.06	T.		.14	.62	.08		$6.50
Orwell[2], 3 N	Bradford			1.50	.20						.04	.28	.27		.47			.12	.10		.78		.46			.03	T.		.18	1.16	.22		5.81
Park Place[1], 1 NW	Schuylkill		.22	.73						.10	.18	.57	.06	.12	.38	.04		.01	.20	.44	.02	.07	1.07	T.	T.	T.		.02	.98	.31	.02		5.54
Pikes Creek[1, 5]	Luzerne		.30	1.05						.29	.33	.41	.07	.10	.39			.10	.11	.55		.25	.30						.40	.55			5.20
Rush[2]	Susquehanna			1.59	.16						.16	.50	.30	.02	.37	.04		.11	.19	.03	.61		.52			.01			.21	.65	.16		5.63
Scranton[1],	Lackawanna		.43	.81	T						.32	.42	.37	.04	.22	.55	T.		.19	.06	.33	.06	.03	.38	T.	T.	T.			.81	.92	.03		5.97
Susquehanna[2]	Susquehanna			1.61	.24						T.	.18	.34	.23	.01	.73	.12		.08	.20		.64		.46	.03		.01			.09	.94	.12		6.03
Towanda, 1 E	Bradford		.65	.78	.01						.04	.17	.38	.12	.13	.23			.05	.03	.47	.05		.55		T	T.	T.		.16	1.33	.01		5.11
Tunkhannock[1, 5]	Wyoming		.37	.78							.65	.25	.45	.05	.28	.31			.20		.61		.15	.62					.03	.30	.92	.05		6.02
Wilkes-Barre[1], 3 N	Luzerne		.33	.84							.20	.30	.37	.02	.21	.54	T.		.04	.07	.31	.02	.10	.32	T.	T.	T.		.02	.32	.45	.01		4.47
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga			.06	.62	.13					.08	.30	.12	.01	.13			.06	.17		.54		.65	T.		T	T.		.16	1.47	.20		4.70
Carrolltown[2]	Cambria				.77	.04					.14	.05	.68		.40	27			.42		.18		.33	.02	.07	.04			.85	.45	.07		4.78
Carter Camp[2]	Potter		T.	T.	.90	.10					.16	.15	.28	.01	.22			.06	.25		.53		.65	T.	T.	T.	T.		.16	1.33	.13		4.93
Cedar Run[2]	Lycoming				.92	.06					.16	.48	.31	.03	.30	.02		.05	.21	.02	.64		.82	T	T.	T			.22	2.32	.28		6.84
Clearfield[2]	Clearfield			.03	1.22	.09					.13	.73	.23		.27	.02		.17	.18		.57		.35	T.	T.	T.			.59	.91	.07		5.56
Coalport[2]	Clearfield				.83	*					.10	.10	.66		.43	.20			.10		.40		.27			.02			.43	*	.86		4.40
Curwensville Apt[1] 6 NW	Clearfield			62	.49	T.				.22	.33	.40	.03	.41	.10	T.		.18	.16	.57	01	.33	.32	.02	.12	.03	T.	.28	.85	.12	.01		5.60
Driftwood[1, 5]	Cameron	*	*	*	*	1.40	*	*	*	*	1.36	*	*	*	*	*	*	*	.44	.44	*	*	*	*	*	.58	*	*	*	*	*		4.22
Dushore[1, 5]	Sullivan	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.60	*	*	*	*	*	*	*	*	*		3.60
Eagles Mere[2]	Sullivan			1.25	.48						.16	.54	.35	.07	.41	.07		.07	.21	.04	.85		1.06			T.	T.		.26	.79	.38		6.99
Emporium[2], 1 E	Cameron																																
Galeton	Potter		.02	.63	T.				T.	.03	.13	.37	.06	.17	.04			.30	.03	.33	.04		.61	T.	T.	.03	T.		1.10	.96	.07		4.92
Karthaus[2]	Clearfield			1.03	.09						.30	.72	.41		.15	.02		.05	.11		.54		.51	T.	.02	1			.37	1.28	.08		5.68
Lock Haven[2]	Clinton			.88	.14						.15	.64	.21		.35	.06		.11	.12		.46		.75		T.		T.		.19	2.13	.38		6.57
Medix Run[1, 5]	Elk	.01	.72	.33						.19	.22	.59	.09	.31	.03			.16	.15	.41		.22	.15					23	1.15	.55			5.51
Philipsburg[1], 7 E	Centre		.70	.34	T.					.24	.27	.58	.04	.17	.31			.13	.09	1.05	.01	.46	.50	.03	.04	T	T.	23	2.03	.29	T.		7.51
Renovo[2]	Clinton			.94	.09						.19	.62	.26		.29	.02		.08	.13	.05	.66		.85		.03				.23	2.02	.26		6.72
State College[1, 5]	Centre		.54	.36						.20	.28	.32	.10	.21	.23			.09	.10	.65		.51	.50	T.	T	T		28	1.62	.37	T.		6.36
Tamarack[2], 2 S	Clinton	T.		1.10	.20						.24	.63	.24	.01	.30	.03		.09	.22		.53		.52	T	.02	T.	.01		.11	1.32	.24		5.81
Tyrone[1, 5], 4 NE	Blair		.39	.29						.22	.22	.38	.14	.17	.21			.05	.15	.68		.39	.37					34	1.20	.20			5.40
Wellsboro[2]	Tioga			.77	.20						.12	.32	.10	T	.23	T.		.07	.10		.58		.85	T.	T.	T	T.		.07	2.18	.47			6.06

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																															
Williamsport Apt.[1-4 E	Lycoming		.51	.54						.03	.30	.49	.07	.17	.15	T.		.15	.18	.75		.30	.67	T	T.	T.		.09	1.06	.67	.01		6.14
Williamsport[2]	Lycoming			.94	.11						.04	.56	.26	T	.28	.10		.12	.18	T	.84		.95						.14	2.04	.47		7.03
Williamsport[2], 4 SE	Lycoming			1.18	.12						.07	.61	.32	.02	.27	.04		.11	.13	.02	.66		1.33			T.	T.		.13	1.53	.33		6.87
JUNIATA																															
Altoona, 4.5 W	Blair		.48	.25						.08	.13	.46	.12	.08	.57			.02	.25	.59	.05		.70	.02	.01			.14	1.00	.34			5.29
Breezewood[1], 0.5 E	Bedford		.30	.38						.03	.26	.29	.02	.08	.34			.08	.09	.50	T.	.52	.23	.05				.31	.97	.20			4.65
Buffalo Mills[2]	Bedford			.78							.23	.39			.16	.38			.15		.39		.77	.02					.38	.52	.03		4.20
Burnt Cabins[1], 2 NE	Fulton		.35	.33						.04	.22	.28		.08	.46	.05		.07	.08	.81		.50	.56	T.				.26	1.90	.60			6.59
East Waterford[2], 3 E	Juniata	T		.68	.05						.14	.32	.17	.01	.32	.19			.27		.54	T.	.94	T	.01	T.	T.		.33	2.27	.46			6.70
Everett[2], 0.5 SW	Bedford			.73	.02						.02	.55	.07		.12	.28			.16		.53		.87		T.				.76	.70	.03			4.78
Huntingdon[2]	Huntingdon	.02		.83	T.						.15	.54	.29	T.	.24	.22	T.	T.	.29		.77		1.04	T.	T.				.53	1.58	.10			6.60
Lewistown[2], 1 W	Mifflin			.78	.05						.03	.54	.22	.01	.20	.09			.22		.58		.88		T				.31	2.00	.29			6.20
Mapleton Depot[2]	Huntingdon			.68	.02						.03	.47	.13		.15	.19			.20		.68		.85						.52	1.82	.25			5.99
Martinsburg[1]	Blair		.60	.28						.11	.32	.37	.04	.10	.38	T.		.12	.10	.53		.45	.34	T.	T.	T.		.24	1.11	.14	T		5.23
McConnellstown[2], 4NW	Huntingdon			.81							.20	.49	.35	T.	.20	.21			.27	T.	.72		1.27		T.	T.			.58	.92	.09			6.11
Neffs Mills[1, 5], 3.5 NE	Huntingdon		.41	.47						.12	.19	.35	.24	.09	.27			.10	.09	.60		•	•	•	•	•	•	•	•	•	2.80		5.73
New Bloomfield	Perry		.28	.60							.16	.40	.10		.51	.11			.21	.75	.04		1.29	T				T.	2.55	1.05	T		8.05
Newport[2]	Perry			.84	.12						.10	.30	.22	T.	.35	.16			.21		.74		1.24		T.				.37	3.16	.33			8.14
Saxton[2], 1 W	Bedford			.80	T.						.05	.50	.10		.13	.18			.10		.70		.75		T.				.85	.45	.05			4.66
Shade Gap[1, 5], 0.5 SW	Huntingdon		.42	.35						.02	.07	.35		.07	.40			.07	.10	.67		.60	.34					.21	1.78	.32			5.77
LWR SUSQUEHANNA																															
Arendtsville[2]	Adams		T.	.14							.40	.06	.03	.23	.37						.82		1.12		T.				1.22	1.61	.19			6.49
Bloserville, 1.5 N	Cumberland		.25	.60							.08	.40	.04	T.	.50	15			.15	.80	.03		1.27						2.20	1.10	.09			7.66
Carlisle	Cumberland		.25	.54							.06	.48	.10	.03	.34	.17		T.	.15	.78	.04	T.	.98	T.					2.56	.51	.02			7.01
Columbia	Lancaster		.09								.01	.19	.23	.02	.33	.32		T.	.04	.33	T.		.75	T.					1.88	.66	.13			4.98
Dauphin[2], 3 N	Dauphin		T	.68	.09					T.	.01	.29	.25	.02	.39	.33			.13		.53		.96						.38	1.36	.60			6.02
Ephrata	Lancaster		.11	.04	T.						T.	.23	.04	.01	.13	.40		T.	.07	.69	.01		.97	T.					.97	.40	.05			4.12
Glen Rock[1, 5]	York		.08	.05							.06	.10	.01		.50	.10			.02	.52		.40	.61						.05	1.31	.30	.01		4.15
Gordon	Schuylkill		.25	.63							.13	.59	.06		.37	.32			.12	.40	.14		1.26		T				.55	.67				5.49
Grantville, 2 SW	Dauphin		.30	.50							.04	.44	.08	.05	.28	.17		.01	.06	.59	.12		1.19	T.				T.	1.07	.83	.02			5.75
Hanover[2]	York		T	.23	T.							.06	.14	.01	.07	.50			.02	T.	.52		.74		T.				.73	1.82	.26			5.10
Harrisburg Apt[1, 5], 3.5 S	Dauphin			.29	.38					T.	.29	.40	.02	.10	.35	.02		T.	.07	.63	T.	.40	.42	T.				.06	1.83	.28	T.			5.54
Holtwood[2]	Lancaster		T.	.02	.02							.07	.05	.01	.01	.51			.02		.38		.58						.43	1.48	.25			3.83
Huntsdale[2]	Cumberland			.78	.02						.06	.38	.17	.02	.32	.29			.07	T.	.83		1.16		T.				.59	2.33	.25			7.27
Kirkwood[1, 5], 1 SW	Lancaster																																
Lancaster	Lancaster		T.	.05	.02	T.					.05	.18	.04	T.	.05	.44			.03	.40	.09		.91	T.					1.16	.92	.08			4.42
Lebanon[2]	Lebanon			T.	.45	.02					T.	.43	.18	T.	.10	.36			.05		.77		1.03						.50	1.28	.07			5.24
Middletown[1], 1.5 W	Dauphin			.16	.46					T.	.14	.42	.02	.03	.38	.01		.02	.03	.49		.81	.39	T				.03	1.55	.53	.01		5.48
Millersburg[1, 5], 2 E	Dauphin			.30	.55					.09	.10	.44	.01	.10	.51	.01		.03	.10	.50		.20	.63						1.00	.10			4.67
Milroy[2]	Mifflin	T.		1.04	.04						.09	.46	.28	.01	.05	.25			.17		.77		.86	T	T.				.51	1.82	.08			6.43
Newburg[1], 3.5 NW	Cumberland		.40	.56						.10	.15	.32	T.	.08	.40	.02		.04	.07	.82		.68	.79	T.				.18	2.74	.85				8.20
New Park	York		.05	.07							.03	.04	.18		•	.50			•	.25			1.54						1.90	.19	.03			4.78
Pine Grove[2], 1.5 NE	Schuylkill			•	.90						•	•	.81	.04	.19	.28			•		.75		1.70		T.		T.		.43	.94	.19			§6.23
Ringtown[2], 1.5 SW	Schuylkill																																
Selinsgrove	Snyder		.41	.60							.35	.41			.57	.06		T.	.08	.60	.04		1.03						.95	.87	.04			6.01
Shamokin[2]	N'umberland			.86	.12						.15	•	.65		.48	.37				.10	.59		.69						.28	.81	.54			5.64
Shippensburg	Cumberland		.26	.53							.11	.45	.11		.38	.13		.02	.02	.77	.03		1.24	T.	T.				2.00	.84				6.89
Sunbury[2]	N'umberland	T.		1.05	.16						.24	.56	.32	.02	.76	.19		.03	.12	T.	.62		1.01		T.				.27	.90	.23			6.48
Williamstown[2]	Dauphin			.74	.11						T.	.42	.22	T	.32	.39			.15		.68		1.70						.51	1.10	.45			6.79
Woodward[1, 2 NE	Centre		.39	.60						.04	.27	.45	.04	.19	.24	T.		.13	.06	.83	T.	.35	.71	T.	T	T.	T.	.07	2.56	.70	.01			7.64
York, 3 SW	York		.11	.06							.02	.11	04		.14	.39			.02	.34	.02		.69						1.28	.69	.11			4.02
York Haven[2]	York			.46	.02							.32	.15	.02	.10	.41					.74		.75						.48	1.30	.36			5.11
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin			.27	.53						.19	.40	.07	.11	.43	.03		T.	.09	.85		.28	1.06	T.				10	2.00	.30				6.71
Gettysburg	Adams			.16	.31					T.	.10	.18	.05	.08	.25	.21		T	.03	.76	.01		1.19	T.					2.50	.34	.01			6.13
Hewitt, 2 SW	Bedford			•	.55						.03	.38	.05	03	.43	.10		.10	.11	.56			.83	T				T	.93	.17	T.			4.27
Hyndman[2]	Bedford				.75						T	.45	.04		.14	.23			.13		.56		.89		T.				.81	.26	.04			4.30
McConnellsburg[2]	Fulton				.53	T.					.07	.38	.15		.25	.30			.08		.62		.90		T.				.88	1.10	.09			5.35
Mercersburg[2]	Franklin				.86						.08	.43	.11	.04	.34	.17			.10		.85		1.09		T.				.93	1.02	.27			6.29
South Mt. San't'm[2]	Franklin				.62	.03					.08	.37	.10		.29	.53			.09	.06	.93		1.55		T.				.80	1.91	.20			7.56
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny			1.03	.02						.33	.77	.23		.69	T.		.08	.48		.41		.29	T.	T.	.01			.23	.13	.01			4.71
Allens Mills[1, 5]	Jefferson	•	•	•	•	.98					.34	.22	.46	.15	.55	.03			.43	.22	.42		.24	.41	.03	.08	.02		.30	.52	.35	.02		5.77
Blairsville[1], 6 NE	Indiana		.71	.21							.30	.37	.39	.26	.40	.51	T.		.17	.18	.58		.09	.37	.03	.02	.02		.26	.31	.27	.02		5.47
Boswell[2], 6 NW	Somerset	.06		.79	.15						.23	.74	.11		.40	.50				.36		.71		.58	.03	.11	.02	.02		.60	.20	.17		5.78
Bradford, 4 W	McKean		.99	.44	.04						.24		.14	.18	.26	.02			.30	.50	.25	T.	T.	.55	.03	.16	.05			.78	.55			5.48
Brookville[1], 1.5 SW	Jefferson		.57	.45	T.						.35	.04	.52	.13	.42	.04			.43	.23	.41	T.	T.	.51	.04	.05	T.		.21	.76	.28	.02		5.46
Buckstown[1, 5]	Somerset		.52	.38							.13	.21	.30																				§§
Clarion[2], 3 SW	Clarion		T.	.82	.13	T.						.42	.40	.12		.45			.38	.60		.40		.33	.02	.04	.01	.01		.34	.34	.01		4.82
Corry	Erie		.40	.22	.03						.07		.02	.03	.35				.25	.85	.23	.07		.15	.17	.18	.06		.04	.34	.02	.03		3.51
Coudersport	Potter		.40	.36							.06	.04	.30	.14	.11	.14			.43		.45	.11		T.	T.	.16	.08			.92	.99	.02		4.71
Derry	W'moreland		.46	.28							.27	.30	.30	.25	.35	.56			.15	.30	.47			.47	.06	.04	T.		.06	.24	.34	.03		4.93
Donegal[1]	W'moreland		.53	.43							.32	.38	.43	.07	.26	.66			.35	.26	.82		.15	T	.33	.04	T.		.30	.06	.04	.12		5.56
Dunlo[1, 5], 0.5 SW	Cambria		.63	.47							.20	.23	.41	.08	.22	.58			.21	.25	.48	.01	.29	.19	.03	.07			.25	.59	.07			§5.26
Ebensburg[2]	Cambria	.04	.02	.57	.02						.16	.51	.13	.04	.41	.22				.45	.05	.57		.37	.14	T.		T.		.74	.33	.04			4.81
Ford City[2], 4 S	Armstrong			.86							.32	.74	.31		.61	.02			.10	.44		.45		.44	T.	.02	T.			.35	.20	.03			4.89
Franklin[2]	Venango	T.	.19	.76	.03			.01			.33	.29	.26		.18				.11	.43		.28		.22	T.	.15	T			.27	.30	T			3.81
Glen Hazel[2], 1 NE	Elk	T.	.12	.47	.06	T.					.44	.32	.20	T.	.47				.13	.45		.49		.48	.05	.04	.04	T.		.62	1.13	.02			5.53
Home[1, 5]	Indiana		.55	.53						.28	.53	.35	.05	.54	.20				•	.38	.48		.18	.20	.05	.07			.27	.33	.14			§5.13
Indiana	Indiana		.41	.27	T.					.23	.36	.38	.15	.28	.52				.23	.11	.52	T.		.45	.02	.06			.02	.58	.25	T.			4.84
Johnstown[2], 0 S W	Cambria			.57							.19	.60	.17		24	.30			.01	.46		.77		.44	T.	.01	T.	T.		.70	.17	.01			4.64
Kane[1], 1 N	McKean		.50	.45						.33	.05	.35	T.	.37					.68	.32	.32	.01	.22	.51	T.	.07	.11		.13	.83	.38	.01			5.64
Kregar[1], 4.5 SE	W'moreland		.50	.52						.22	.49	.39	.02	.16	.89	.05			.23	.16	.74	.03	.44	.49	.27	.11	T.		.45	.14	.46	T.			6.76
Lycippus, 1.5 E	W'moreland		.54	.16						.22	.45	.24	.43	.36	.46	.06			.23	.17	.64	T.	.56	.03	.09	.05	T.		.03	.36	.37				5.45
Marienville[1, 5]	Forest		.38	.49						.38	.06	.40		•	.35		.03	.69	.17	.38		.07	.25		.07			.29	.41	.29				§4.71
Meadville[2], 1 S	Crawford		.27	.09	T	T.					.16	.01	.27	T.	.21				.17	1.06		.31		.28	T.	.11	T.	T.		.11	.12	.03			3.20
Mosgrove[2]	Armstrong		T.	.90	.15						.37	.55	.14	.04	.52				.17	.45		.38		.44	.03	.03	.02	.02		.35	.20	.03			4.79
Parkers Landing[2]	Armstrong			.06	1.03						.35	.38	T.		.50				.38	.35		.36		.27	T.	.04				.38	.28				4.38
Pittsburgh Cty Of[1, 5]	Allegheny		.40	.24				T.		.38	.47	.34	.01	.48	.12				.17	.09	.37		.15	.19	.02	.01	T		.16	T.	.11	T.			3.66
Port Allegany[2]	McKean		.12	.55	.03	T.					.19	.12	.21		.25				.05	.61		.25		.48			.06			.18	1.35	.22			4.67
Punxsutawney[2]	Jefferson	T		1.00	.02						.30	.64	.20	.55	.55				.22	.27		.54		.57	.01	.02	.01			.50	.42	.03			5.85

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong	T	.04	.83	.05						.30	.57	.13	T.	.58	.01		.21	.35		.45		.69	.03	.04	.03			.42	.50	.01		5.24
Ridgway[2]	Elk	T.	.01	.66	.14						.43	.36	.21		.48			.16	.41		.30		.71	.02	.01	.02	.01		.25	1.00	.05		5.26
Saltsburg[2]	Indiana	T.		.69							.30	*	*	*	*	1.29		.02	.43		.39		.45	T.	.05	.01	T.		.27	.16	.03		4.09
Seward[2]	W'moreland	.04		.66							.27	.51	.21	.11	.38	.40			.31		.69		.22		.04	.05			.14	.35	.08		4.76
Sheffield[1, 5], 6 W	Warren		.75	.50						.30	.08	.31	.01	.32				.90	.24	.30		.12	.20		.04	.10		.30	.42	.10			4.99
Smethport[1, 5], 1 SW	McKean	.07	.58	.33	.03					.22	.10	.32	.04	.27				.34	.29	.41	.04	.16	.36	.04	.03	.05	.01	.15	1.06	.49	.05		§5.44
Strongstown[1, 5]	Indiana		.63	.19						.21	.27	.30	.22	.30	.14			.11	.24	.63	.02	.20	.22					.33	.50	.17			4.98
Tionesta[2], 1.5 SE	Forest	T.	.19	.90	.02	T.					.28	.26	.22		.30			.17	.67		.35	T.	.36	.07	.01	T.	.02		.40	.40	T.		4.62
Titusville, 2 S	Crawford		.71	.17	T					.40	.02	.31	.07	.24				.40	.50	.30			.40	.03	.09	.03		.01	.42	.30	.03		4.43
Union City[1, 5]	Erie	.02	.39	.04	.04					.12		.11	.02	.23			.02	.69	.27	.22		.08	.22		.06	.15	.02	.05	.26	.07			3.08
Vandergrift[1]	W'moreland		.45	.69						.30	.50	.36	.01	.50	.14			.28	.30	.35		.18	.23	.02				.15	.06	.20			4.72
Warren[2]	Warren		.34	.51	.10						.38	.02	.29		.23			.15	.74		.16		.45	.01	T.	.02	.08	T.	.32	.87	.02		4.69
Youngsville[1, 5]	Warren		.36	.27						.14	.04	.29		.24	.03			.76	.13	.28		.09	.36	.09	.08	.11	.06	.18	.48	.40	.06		4.45
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	T		.90	.16						.12	.48	.03		.22	.49			.42		.70		.58	T.	.06	T.			.49	.18	.16		4.99
Connellsville[2]	Fayette			.64	.26						.33	.64	.15		.36	.43			.28		.42	.19		T.	.04	T.			.21	.20	.03		4.18
Donora[1]	Washington		.45	.42						.33	.24	.44	.29	.90	.22			.35	.02	.38		.10	.15	.02	.03			.10	T.	.17	T.		4.61
Greensboro[2]	Greene	.01		.74	.21						.38	.60	.11		.40	.56			.33		.33		.38	T.	.05	T.			.20	.26	.14		4.70
Greensburg, 2 S	W'moreland		.39	.27						.33	.27	.42	.20	.29	.60	.03		.15	.27	.41	.01		.30	.04	.01			.01	.21	.23	.26		4.70
Irwin	W'moreland		.48	.41				T.		.19	.35	.30	.27	.19	.83			.24	.14	.29	.01		.20	.10	.03			T.	.25	.19	.02		4.49
Meyersdale[2]	Somerset			.92	.02						.14	.63			.16	.52			.24		.63		.61	T.	.05				.58	.26			4.76
Murrysville// [1, 5]	W'moreland		.48	.32						.32	.39	.26	.10	.55	.24			.22	.12	.34		*	.30					.16	.06	.16			4.02
Newell[7]	Fayette		.58	.27							.36	.54	.38		.75	.25		.08	.27	.19	.21		.32	T.	T.				.20	.18			4.58
Pittsburgh Arpt.// [1, 5]	Allegheny		.47	.33				T.		.27	.48	.27	.06	.49	.20	T.		.16	.12	.27	T.	.13	.12	.03	T.	T.		.16	.03	.20	T.		3.79
Rices Landing[2]	Greene			.66	.14						.51	.75	.16	.02	.48	.45		.03	.22		.31		.32		.13	.01			.15	.08	.05		4.47
Somerset	Somerset		.72	.43						.11	.17	.51	.03	.04	.77	.02		.02	.31	.58	.10		.54	.03	.05		.05	.05	.75	.31	.07		5.66
Springs[6], 1 SW	Somerset		.51	.45						.13	.31	.41	.02	.06	.70	T.		.20	.15	.81		.41	.89	.05	.03			.21	.50	.23	.08		6.15
Uniontown	Fayette		.50	.52						.30	.30	.46	.07	.12	.90	.06		.05	.28	.37		T.	.35	.05	.05			.03		.60	.08		5.09
Waynesburg	Greene		.44	.43						.14	.51	.54	.09	.06	.84	.03		.04		.44			.29	.08				.07	.05		.18		4.23
BEAVER																																	
Beaver Falls[2]	Beaver	T.	T	1.20	T.			T.	T		.45	.44	.03	T	.33	T.		.14	.57		.53		.12	T.	T.	T.	T.		.12	.11	.08		4.12
Butler	Butler			.64							.42	*	.67	.05	.38			.43	*	.76	.05		*	.37	.01				.23	.19			4.20
Farrell[2]	Mercer		*	.48		T.					.30	.47	.26		.13			.60	.17		.35			.23	.01	.04			.12	.10	.03		3.29
Greenville	Mercer		.52	.02	T.					.20	.02	.37	.02	.18	T.			.58	.52	.30	.06	.02	.29	.01	.01			.08	.05	.10	.02		3.37
Jamestown[2], 2 NW	Mercer		.34	.09	T						.17	.03	.29	T	.18	T.		.25	1.08	T	.29		.43	.01	.03				.07	.03	T.		3.29
Mercer Arpt.[1], 2.5 NE	Mercer		.63	.02	T.			T.		.39	.02	.34	T.	.21	T.			.77	.07	.33	.01	.10	.16	.03	.03	T.		.11	.06	.11	T		3.39
New Castle, 1.5 N	Lawrence		.56	.31	T.					.41	.06	.19	.07	.12	.10			.44	.22	.34	.03		.18	.02		T.		.08	.07	.26			3.46
Pennline[2], 1 S	Crawford		.35	.02	.04	T.		T			.13	T.	.14	T.	.16	T.		.15	.76		.28		.37	T.	.08	T.	T.		.03	.10	.09		2.65
OHIO																																	
Claysville[2]	Washington			1.04							.31	.65	.16		.65	.12			.36		.39		.29		.11				.09	.06	.03		4.26
Coraopolis[2], 1 E	Allegheny		T.	1.01							.33	.69	.12		.55	.02		.05	.31		.53		.22	T.	T.				.24	.15			4.22
Midland[2]	Beaver		T.	1.23	.02						.38	.48	.09		.37			.18	.42		.54		.22	.01	T.				.24	.10	.10		4.38
Mt. Lebanon[6]	Allegheny		.33	.24						.33	.46	.28	.06	.48	.24			.23		.48		.09	T.	.22	T.	T.		.20	T.	.21	1		3.85
Washington[1, 5]	Washington		.41	.39						.16								.20	.18	.43		.27		.02				.11		.13			§§
LAKE DRAINAGE																																	
Albion[2]	Erie		.14					.01		.06	.14		.12	.04	.23			.14	.72		.26		.35						.14	.20			2.55
Erie[1, 5]	Erie	T.	.30	.18	T.	T.		T.		.28		.04	T.	.42	T.		.01	.40	.15	.19	01	T.	.19	.08	.15	.06		T.	.24	.25	.02		2.97
Raymond[1, 5]	Potter	.01	.39	.41						.15	.05	.31	.02	.21				.16	.36	.21	.03	.11	.38			.02	.02	.01	.78	.41	.03		§4.07

[See page 88 for explanation of reference marks.]

Daily Temperatures for November 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	68	59	52	44	55	70	69	73	66	51	59	68	59	43	42	51	50	53	42	42	62	32	29	35	40	40	44	47	35	31	...	50.4
	Minimum	28	40	40	30	28	33	49	58	52	33	28	38	58	41	33	29	35	41	35	32	27	30	18	19	26	28	19	33	32	27	....	34.0
Allentown Arpt.[1]-4 NE	Maximum	61	54	65	43	49	64	68	72	72	58	42	53	66	55	45	54	61	58	48	46	49	56	35	36	44	42	46	48	40	34	....	52.1
	Minimum	35	45	43	31	25	28	33	44	52	38	38	42	52	38	35	32	27	35	30	30	23	29	22	20	29	23	18	37	32	28	....	33.1
Allentown/	Maximum	60	54	66	54	50	65	69	74	73	58	51	58	67	57	52	55	64	59	50	45	57	47	45	37	44	43	46	48	40	35	....	54.1
	Minimum	37	42	48	42	25	28	32	38	45	50	38	39	45	51	37	33	29	31	31	34	26	28	26	21	22	26	20	22	30	30	....	33.5
Altoona-4.5 W	Maximum	60	57	55	43	48	73	73	72	69	55	43	54	69	52	44	54	55	52	42	42	44	41	30	30	35	40	42	39	37	33	....	49.4
	Minimum	30	45	39	27	21	31	39	42	47	35	37	39	46	37	30	31	33	36	29	28	19	29	18	17	24	18	22	32	33	27	....	31.4
Arendtsville[6]	Maximum	64	60	63	49	51	70	70	68	73	60	43	51	67	60	48	57	62	57	46	47	44	47	36	36	44	44	43	45	45	37	....	52.9
	Minimum	38	44	49	35	23	30	37	38	49	42	38	43	49	42	34	35	29	37	31	35	22	36	21	20	32	28	19	38	36	32	....	34.7
Berwick	Maximum	63	57	62	48	47	64	71	71	73	67	44	58	70	68	46	52	52	57	49	47	49	52	37	34	43	42	45	46	45	37	....	53.2
	Minimum	33	44	47	38	22	27	35	39	54	43	37	43	45	44	34	31	33	47	30	37	23	37	19	18	28	25	19	39	35	29	....	34.5
Bethlehem[1]	Maximum	61	52	62	42	48	64	68	72	71	64	42	52	63	56	42	52	61	56	47	45	57	55	32	34	42	42	46	46	40	32	....	51.5
	Minimum	38	43	42	32	29	32	38	50	56	38	37	42	52	38	36	32	31	40	34	30	25	29	23	21	30	29	23	38	31	28	....	34.9
Bradford-4 W	Maximum	58	63	61	41	48	68	69	67	63	65	41	65	62	48	38	48	45	49	41	36	38	39	28	28	35	35	42	38	34	29	....	47.4
	Minimum	24	47	36	34	21	26	36	48	43	35	29	40	47	37	26	30	32	39	25	29	17	27	12	14	23	15	12	32	27	22	..	29.5
Brookville[1]	Maximum	63	63	57	39	50	68	71	68	63	42	45	65	65	43	41	47	50	50	41	35	41	42	23	27	36	38	44	39	34	30	....	47.3
	Minimum	24	52	34	22	21	27	38	45	42	33	34	45	43	34	30	29	38	28	27	25	23	22	16	19	27	17	26	34	30	26	....	30.4
Burnt Cabins[1]-2 NE	Maximum	66	63	62	46	48	70	69	74	70	57	42	63	66	52	44	58	58	52	44	44	43	45	32	35	42	45	43	42	42	33	....	51.7
	Minimum	54	52	36	24	20	26	41	37	53	36	36	42	52	36	32	30	34	28	26	24	18	24	18	18	27	16	21	38	33	28	....	32.0
Butler	Maximum	64	64	66	50	53	70	70	74	74	58	67	67	67	53	44	50	53	53	53	43	43	43	32	29	42	42	43	48	42	40	....	53.2
	Minimum	26	57	42	40	22	30	30	52	57	38	35	43	53	42	33	30	39	35	29	32	26	29	20	17	28	26	27	40	34	30	....	34.7
Canton/-1 NW	Maximum	56	55	55	38	46	65	67	69	67	42	46	56	63	45	40	51	50	51	42	37	46	40	29	31	39	33	39	39	31	26	....	46.5
	Minimum	29	27	47	31	21	26	39	50	51	39	31	32	44	43	27	26	31	37	34	26	21	24	17	16	20	22	15	24	29	24	....	30.1
Carlisle	Maximum	74	60	63	50	48	63	68	70	72	69	45	51	67	65	48	55	59	58	48	47	44	50	39	38	45	44	45	46	45	40	....	53.9
	Minimum	44	45	50	38	27	29	37	50	52	45	38	43	50	47	36	35	29	40	31	37	24	39	24	22	29	28	22	38	35	32	....	36.5
Chambersburg[6]-1 SW	Maximum	63	62	61	47	49	70	71	72	74	61	43	54	68	54	47	57	60	57	46	46	47	47	33	36	43	47	45	44	44	37	....	52.8
	Minimum	40	43	45	34	22	28	35	38	52	37	37	43	49	39	35	30	32	36	29	27	20	28	28	21	29	21	20	37	33	29	....	33.1
Clarion[6]-3 SW	Maximum	63	65	58	45	54	70	73	71	66	52	49	68	65	51	44	51	49	52	43	48	45	45	31	29	39	42	47	40	38	36		§51.0
	Minimum	25	51	40	21	21	27	35	49	48	33	33	44	46	39	30	25	31	37	27	31	23	23	16	22	25	19	21	35	32	27	....	§31.2
Claysville/	Maximum	70	67	45	40	56	71	72	71	64	44	60	66	68	44	44	52	53	49	46	39	56	44	27	34	35	43	48	54	35	33		50.7
	Minimum	30	33	45	19	20	32	47	46	58	37	36	44	50	43	34	29	32	42	29	32	25	26	20	20	26	16	17	31	35	31	....	32.8
Coalport/	Maximum	65	63	55	42	53	71	75	70	68	42	49	61	70	46	42	50	54	50	46	36	41	37	27	34	35	40	44	37	36	29	..	48.9
	Minimum	26	25	50	26	19	17	27	33	37	37	34	37	46	43	30	30	28	38	36	25	17	18	12	17	24	14	15	30	25	24	....	28.0
Coatesville[6]	Maximum	67	66	72	49	49	64	67	71	72	62	46	57	65	63	45	53	62	59	53	50	47	57	38	41	44	43	46	49	45	36	....	54.6
	Minimum	43	44	48	36	29	30	36	45	51	46	40	44	53	41	35	36	32	46	36	35	25	34	27	21	27	26	20	36	35	31	....	36.3
Columbia	Maximum	75	62	63	53	52	70	72	75	76	70	47	54	72	65	50	58	68	61	50	49	48	56	42	39	48	47	48	50	46	38	....	56.8
	Minimum	41	46	41	38	24	28	37	41	51	46	38	43	52	45	37	35	48	38	31	38	23	40	24	22	26	26	19	40	36	32	....	36.2
Corry	Maximum	58	65	50	39	50	67	66	70	65	42	43	64	62	49	36	47	47	50	43	38	40	40	25	26	34	33	42	39	34	28	....	46.4
	Minimum	23	38	38	29	27	28	49	49	42	36	27	43	49	36	29	29	39	41	27	28	23	23	16	19	19	23	5	25	26	26	....	30.4
Coudersport	Maximum	59	61	51	46	48	57	72	68	65	55	40	61	64	49	40	50	49	50	39	37	39	41	39	29	34	39	43	38	35	30	....	47.6
	Minimum	20	44	33	26	16	22	33	32	48	33	31	38	46	37	34	30	33	29	24	22	16	14	11	13	23	14	16	32	29	22	....	27.4
Curwensville[1]-6 NW	Maximum	58	56	54	40	49	68	70	65	62	40	41	62	65	45	40	47	49	49	39	33	37	36	21	25	30	35	39	34	32	26	....	44.9
	Minimum	28	49	29	19	34	47	47	40	30	30	40	44	44	31	24	25	36	30	30	20	20	18	12	15	25	20	21	31	25	20	....	28.6
Derry	Maximum	69	70	61	41	56	73	75	67	69	54	59	68	71	50	45	57	54	55	49	43	50	43	26	30	33	45	48	44	39	35	....	52.6
	Minimum	29	59	38	27	23	33	50	55	52	37	37	53	49	39	34	34	34	43	30	30	22	25	20	20	30	26	33	37	32	30	....	35.4
Donegal[1]	Maximum	68	63	56	36	52	69	72	68	66	43	54	68	68	46	37	51	50	53	47	36	49	44	22	30	31	38	46	43	32	28	....	48.9
	Minimum	26	53	30	18	16	35	40	39	43	33	33	46	44	32	26	27	36	24	24	22	17	18	15	17	20	12	22	30	26	24	....	28.3
Donora[1]	Maximum	70	69	62	42	58	72	76	73	73	49	63	72	72	51	44	55	54	55	51	42	56	54	27	35	39	44	52	50	41	37	....	54.6
	Minimum	35	60	34	28	28	42	47	50	49	38	40	56	50	40	37	33	48	36	34	31	28	25	22	24	32	27	30	41	36	34	....	37.2
Eagles Mere/	Maximum	59	54	54	45	42	63	65	73	69	42	44	52	59	46	38	46	46	49	42	35	43	39	24	27	38	34	38	42	32	25	....	45.5
	Minimum	29	29	46	28	21	22	36	46	47	37	28	31	42	43	26	26	28	33	31	29	20	27	14	13	16	22	20	22	29	21	....	28.7
East Waterford[6]-3 E	Maximum	58	55	55	38	44	65	64	66	65	55	38	54	60	51	39	51	53	50	42	39	36	42	28	28	37	39	36	40	40	27	....	46.5
	Minimum	37	47	37	29	25	38	51	53	54	32	31	38	45	34	27	31	40	38	35	27	24	28	17	16	24	26	25	34	27	22	....	33.1
Ebensburg/	Maximum	65	62	44	36	60	69	72	67	64	49	53	68	66	41	40	49	60	46	41	34	40	34	24	30	34	39	43	35	33	25	....	47.4
	Minimum	30	39	43	24	20	30	43	44	51	35	33	37	48	40	27	28	35	40	31	27	19	28	15	15	21	19	25	33	31	24	....	31.2
Emporium/-1 E	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ephrata	Maximum	68	60	67	49	49	64	69	70	73	66	45	53	65	62	47	55	61	60	50	50	46	55	38	39	45	45	47	50	47	38	....	54.4
	Minimum	41	47	49	38	27	30	37	50	55	44	39	44	53	43	37	32	31	18	33	37	25	38	24	21	29	27	22	39	37	32	....	37.0
Erie[1]	Maximum	65	68	55	39	55	71	68	75	68	44	54	68	65	49	41	52	54	52	45	35	46	46	28	34	38	36	45	43	38	33	....	50.3
	Minimum	37	55	35	33	33	48	60	64	43	35	34	53	49	38	36	37	45	41	35	32	30	25	22	25	33	28	29	37	32	29	....	37.8
Everett[1]-0.5 SW	Maximum	58	62	62	44	51	73	74	64	71	51	43	64	72	52	43	56	52	52	46	43	43	44	34	57	39	45	45	40	38	35	....	51.8
	Minimum	34	48	39	23	21	26	31	33	39	38	38	42	43	36	32	28	30	28	28	25	18	21	22	22	28	19	19	35	31	29	....	30.0
Farrell	Maximum	65	69	62	48	56	72	69	73	70	47	54	67	67	55	43	53	53	51	49	43	48	44	28	31	35	40	46	46	44	35	....	52.1
	Minimum	30	53	34	28	28	36	48	62	40	39	39	60	50	38	34	34	44	37	35	32	29	23	21	23	32	27	31	39	33	30	....	36.3
Ford City/-4 S	Maximum	68	66	55	41	54	70	73	71	67	44	57	65	69	46	44	51	53	49	45	37	50	36	28	35	35	42	49	41	37	36	....	50.5
	Minimum	27	30	44	24	23	28	30	41	48	38	33	42	48	43	28	30	32	43	29	32	24	26	20	17	21	23	21	24	33	30	....	31.1
Franklin/	Maximum	66	68	45	41	54	69	69	70	62	43	53	68	64	45	44	51	52	51	42	35	45	34	29	33	39	42	46	41	37	31	....	49.0
	Minimum	28	29	42	26	25	31	31	44	59	37	35	36	50	43	33	29	32	42	31	34	26	26	20	19	28	30	24	24	34	29	....	32.6
Fredericksville-1 S	Maximum	59	55	63	50	48	64	67	72	70	66	46	52	65	53	47	53	62	58	48	52	45	55	40	35	43	42	43	47	37	35	....	52.4
	Minimum	42	40	48	37	20	27	34	41	54	44	36	40	51	45	34	31	27	35	28	36	20	35	19	14	26	26	17	33	33	29	....	33.4
Freeland	Maximum	63	55	60	40	42	63	61	66	65	61	50	52	60	61	46	46	54	51	44	39	42	48	31	29	37	35	40	42	36	33	....	48.4
	Minimum	37	48	40	30	22	34	46	46	52	33	31	36	46	34	26	28	38	41	32	26	21	29	16	14	18	21	21	36	28	23	....	31.8
George School[6]	Maximum	67	71	71	54	50	66	69	73	73	65	47	56	69	72	67	55	59	62	54	52	47	59	38	40	47	46	49	50	46	37	....	57.0
	Minimum	40	41	50	38	27	28	33	45	55	47	40	39	49	55	39	31	30	46	30	33	24	35	26	21	28	27	20	35	36	29	....	35.9
Gettysburg	Maximum	72	61	64	51	50	68	69	69	74	76	47	62	67	65	47	56	62	59	52	47	46	49	41	38	44	43	45	45	46	42	....	55.2
	Minimum	42	49	51	39	28	30	35	40	56	45	39	43	51	45	36	31	31	52	31	35	24	39	26	22	30	25	21	40	34	33	....	36.8
Gordon	Maximum	66	64	62	45	46	65	65	69	70	65	45	55	65	65	45	53	59	55	50	40	43	50	32	41	40	41	45	45	35	....	....	52.0
	Minimum	29	44	45	36	20	24	36	40	50	45	35	41	45	45	32	30	27	46	25	34	19	33	15	13	25	21	17	36	33	28	....	32.3
Greensburg-2 S	Maximum	68	68	60	40	40	72	75	73	69	52	62	65	70	51	43	52	52	54	49	43	55	51	30	31	36	43	51	47	47	36	....	§52.6
	Minimum	47	57	34	26	18	27	30	35	47	37	37	51	48	40	35	24	27	32	26	33	18	29	20	12	30	20	18	40	34	31	....	32.1
Hanover/	Maximum	63	64	66	52	51	72	72	73	76	52	48	59	70	53	50	57	66	61	50	49	48	55	37	37	46	47	47	48	39	34	....	54.7
	Minimum	45	46	55	38	26	28	36	48	51	50	38	45	46	50	36	33	36	40	34	36	26	42	25	20	24	30	23	27	38	32	....	36.8
Harrisburg Arpt.[1]-3.5 S	Maximum	62	59	65	46	52	66	72	71	73	61	44	53	69	54	47	57	62	57	47	46	46	53	34	37	45	44	47	49	43	36	....	53.2
	Minimum	43	49	45	33	28	31	41	44	58	39	39	44	52	39	38	36	32	38	32	33	25	31	23	22	32	26	23	40	34	31	....	36.0
Hawley-0.5 E	Maximum	63	53	60	43	47	67	67	66	70	65	42	59	64	61	43	50	54	54	44	43	47	48	38	34	43	39	43	39	39	34	....	50.6
	Minimum	29	35	43	35	21	28	30	36	43	42	35	37	45	42	32	28	29	44	24	31	21	35	20	14	26	21	14	32	33	26	....	30.9
Hewitt-2 SW	Maximum	70	74	65	55	54	75	77	72	78	74	60	65	70	68	62	60	55	58	44	46	48	46	42	40	41	46	48	43	41	39	....	57.2
	Minimum	50	39	39	20	16	25	35	31	48	43	38	40	49	50	39	25	26	42	27	36	15	26	25	15	23	16	16	35	35	33	....	31.9
Holtwood[1]	Maximum	64	62	68	50	51	64	66	68	72	60	46	57	68	56	48	55	59	59	53	48	46	53	37	37	45	44	46	50	48	37	....	53.9
	Minimum	46	52	50	36	33	37	42	48	52	42	41	46	53	41	40	39	36	40	37	37	30	37	28	25	34	30	27	41	36	33	....	39.0
Huntingdon	Maximum	64	59	59	46	51	72	76	73	71	53	43	59	71	56	46	57	54	54	41	43	44	44	34	34	41	43	45	43	43	36	....	51.8
	Minimum	29	42	36	33	21	25	31	35	36	39	36	42	44	39	34	30	29	36	27	32	16	34	17	22	29	19	16	37	36	32	....	31.1

Continued on page 87.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	63	67	61	40	52	69	72	66	66	54	52	63	69	50	40	49	49	53	44	44	45	46	29	29	34	40	48	41	31	34		50.1
	Minimum	32	57	40	30	22	38	49	47	53	34	34	47	50	40	32	28	36	41	33	30	26	28	20	18	26	28	31	36	32	28		33.7
Irwin	Maximum	73	67	65	40	55	69	73	71	69	54	59	59	69	52	44	49	51	51	46	44	52	49	30	31	37	50	46	46	41	35		52.6
	Minimum	28	55	40	25	24	37	49	47	53	36	35	54	51	40	35	28	38	43	31	32	23	30	21	18	29	23	27	39	29	30		35.0
Jamestown/-2 NW	Maximum	67	67	48	42	54	70	67	71	55	42	58	69	63	44	48	52	51	50	40	37	49	37	29	34	37	39	51	49	42	35		49.7
	Minimum	28	32	42	29	23	31	42	58	54	34	34	37	55	41	34	26	32	41	32	32	26	30	17	17	26	30	21	28	33	28		33.1
Johnstown/	Maximum	71	66	52	41	58	73	77	72	70	45	52	71	72	47	44	57	56	50	47	34	45	41	28	33	35	45	48	41	39	33		51.4
	Minimum	34	42	51	31	25	33	33	40	40	42	39	44	49	46	31	33	33	46	31	33	23	26	21	22	28	27	26	37	36	31		34.4
Kane[1]-1 N	Maximum	58	63	55	37	46	67	69	66	62	40	44	62	68	45	38	48	49	49	38	36	38	39	21	26	33	36	42	37	34	28		46.6
	Minimum	20	43	28	22	18	25	34	46	38	32	32	44	44	32	26	25	35	25	24	24	19	19	9	9	20	9	13	32	27	22		26.5
Lancaster	Maximum	71	61	69	60	50	66	69	72	75	69	52	56	69	64	55	58	68	61	55	57	46	57	43	40	44	46	45	52	48	39		57.2
	Minimum	36	42	52	39	22	26	30	35	46	44	37	42	50	46	35	30	25	43	28	35	21	36	20	19	25	22	17	38	35	30		33.5
Lawrenceville	Maximum	59	59	56	41	47	70	74	72	68	61	44	59	70	54	42	54	50	54	44	40	42	45	33	34	42	34	43	41	38	29		50.0
	Minimum	25	43	40	32	20	26	35	41	56	34	34	42	51	40	30	30	34	39	22	30	22	30	19	18	25	26	15	37	28	25		31.4
Lebanon /	Maximum	66	56	65	45	52	71	70	73	74	51	50	59	71	54	47	56	64	59	48	44	55	45	34	37	45	46	46	50	40	36		53.6
	Minimum	41	45	55	40	24	30	33	42	50	50	38	40	45	49	37	33	30	38	32	36	25	29	22	19	22	25	24	26	38	32		35.0
Lewistown-2 SW	Maximum	65	59	61	48	51	68	71	68	73	62	44	54	71	61	47	57	53	55	45	45	44	45	37	35	43	40	46	45	44	35		52.5
	Minimum	35	44	47	36	25	29	34	38	46	40	36	43	49	43	35	37	32	33	30	31	23	35	21	22	29	29	24	38	34	31		34.3
Lock Haven[6]	Maximum	58	55	56	46	50	60	75	67	70	58	42	55	70	55	48	55	48	54	43	44	43	43	35	34	40	48	46	43	43	33		50.6
	Minimum	30	42	44	34	22	27	32	39	44	35	35	42	47	42	32	32	32	40	30	33	22	34	21	22	29	30	22	39	32	29		33.1
Marcus Hook[1]	Maximum	66	68	76	50	59	70	75	83	85	75	54	66	72	70	55	58	67	67	59	61	58	49	43	43	48	45	51	53	60	42		60.9
	Minimum	46	50	48	37	34	40	45	55	60	43	42	50	58	40	40	40	43	47	42	37	32	39	30	27	38	34	39	44	35	30		41.2
Martinsburg[1]	Maximum	62	59	58	40	48	70	72	69	68	54	42	63	68	53	42	54	56	53	44	43	41	42	29	30	35	42	42	39	39	33		49.7
	Minimum	40	48	36	25	23	33	45	45	46	36	35	40	49	34	31	30	38	32	30	23	20	24	17	19	26	21	27	33	32	26		32.1
Mauch Chunk-1 SW	Maximum	57	55	59	42	50	59	63	62	68	63	44	51	60	52	49	48	57	54	57	45	41	49	36	33	39	39	40	44	44	37		§49.9
	Minimum	32	44	38	27	23	25	30	38	45	43	36	40	48	30	34	29	25	32	27	36	22	32	18	18	26	26	13	33	35	29		§31.1
Meadville/-1 S	Maximum	64	69	48	42	54	69	65	70	55	42	58	66	62	42	43	50	50	51	41	35	45	32	28	35	37	37	46	41	35	31		48.1
	Minimum	27	31	42	28	23	31	37	57	55	35	33	38	56	41	32	27	31	41	28	32	25	30	18	19	27	28	20	28	33	28		32.7
Mercer[1]-2 5 NE	Maximum	60	65	54	39	57	67	65	68	62	41	55	66	61	44	42	49	51	48	40	34	44	43	25	31	34	35	43	42	36	30		47.5
	Minimum	28	50	29	23	25	36	49	56	36	34	34	44	33	26	27	40	33	31	27	26	18	12	19	24	26	26	35	29	27	27		31.9
Middletown[1]-1.5 W	Maximum	61	60	65	46	52	68	70	69	72	60	45	53	69	54	48	56	63	58	48	46	46	52	34	37	45	46	46	50	49	36		53.5
	Minimum	36	47	46	32	25	28	37	41	53	39	36	42	48	40	35	34	30	35	34	33	22	29	23	22	30	25	18	39	32	30		34.0
Midland[6]	Maximum	64	67	59	41	53	68	70	70	56	44	57	70	68	59	42	53	55	55	44	41	50	49	30	35	38	40	46	48	40	35		51.6
	Minimum	31	53	34	26	28	35	47	49	40	34	39	55	49	35	34	30	40	35	34	31	28	26	20	22	32	26	26	37	31	32		34.7
Montrose/-3 E	Maximum	52	53	55	34	42	60	64	66	65	39	47	54	61	43	36	47	49	47	41	29	44	40	29	29	37	28	40	38	32	25		§44.2
	Minimum	29	31	41	32	22	22	33	46	48	37	30	32	44	41	26	26	31	34	32	28	23	23	17	13	18	20	18	20	28	20		28.8
Mt. Lebanon[6]	Maximum	66	67	59	45	56	71	74	71	64	45	58	65	67	48	44	53	52	53	45	41	52	48	26	30	35	40	48	47	37	33		51.3
	Minimum	33	57	33	23	26	44	55	55	45	35	36	56	47	36	33	30	42	35	36	30	26	23	19	20	28	24	30	37	32	29		35.2
Mt. Pocono[1]-2 N	Maximum	58	51	57	36	42	61	63	65	66	54	40	54	58	47	35	46	55	48	42	42	43	50	30	28	37	33	39	38	32	27		46.0
	Minimum	30	40	35	27	19	32	42	42	52	32	32	40	47	31	25	27	35	34	27	24	15	29	15	12	23	15	13	31	26	20		29.1
New Bloomfield	Maximum	66	58	62	44	48	68	68	67	70	64	43	51	65	64	47	55	57	58	49	45	42	48	33	35	44	43	43	44	45	35		52.0
	Minimum	32	47	32	34	19	24	34	36	45	40	34	40	47	41	32	25	28	35	26	34	18	28	15	14	25	21	15	37	32	28		30.6
Newburg[1]-3.5 NW	Maximum																																§§
	Minimum	35	46	42	30	24	30	38	40	50	38	36	42	48	38	35	34	32	32	32	30	22	28	21	23	28	22	24	42	32	26		33.3
New Castle-1.5 N	Maximum	63	68	64	43	57	71	69	71	67	46	52	70	66	52	44	52	49	54	52	42	48	48	29	31	37	41	46	44	42	36		51.8
	Minimum	27	58	42	26	25	31	40	57	46	37	36	51	51	41	35	29	41	43	31	33	25	28	20	14	30	25	21	38	33	31		34.8
Palmerton[1]	Maximum	56	56	60	41	49	66	68	66	71	60	44	53	65	54	43	52	59	57	47	45	43	55	30	36	43	39	42	45	37	31		50.5
	Minimum	32	45	41	30	25	28	32	38	53	39	38	44	52	38	33	32	28	33	28	30	23	28	23	20	28	23	17	37	33	28		32.6
Park Place[1]-1 NW	Maximum	58	54	58	37	45	62	62	66	66	55	39	49	59	46	37	48	54	51	43	37	41	48	26	27	37	35	38	40	35	25		46.0
	Minimum	32	43	36	25	22	35	47	46	52	30	29	39	45	31	24	28	36	34	34	24	19	22	15	14	23	20	20	32	25	19		30.0
Philadelphia Arpt [1]	Maximum	61	72	72	46	49	63	70	73	73	63	48	57	70	60	47	54	60	61	56	49	47	60	38	39	46	44	49	51	46	36		55.3
	Minimum	42	43	46	37	30	30	35	40	58	42	40	48	56	40	35	36	30	39	31	32	26	30	28	24	30	26	23	40	33	31		35.9
Philadelphia C.O.[1]	Maximum	66	72	72	48	50	65	70	75	74	64	50	58	70	63	48	55	60	61	57	50	48	60	38	39	47	47	50	51	47	37		56.4
	Minimum	47	49	47	38	33	42	45	53	60	44	42	50	57	40	38	37	42	48	42	35	33	37	31	25	35	34	32	40	34	32		40.7
Phila. Shawmont	Maximum	75	70	72	60	49	66	68	73	73	67	48	59	69	67	52	54	60	61	52	55	46	60	40	39	45	44	48	50	49	40		57.0
	Minimum	40	45	40	40	27	30	37	45	52	47	41	46	55	51	38	32	32	49	32	40	26	38	30	29	30	29	21	40	39	32		37.8
Philipsburg[1]-7 E	Maximum	56	58	55	40	43	65	68	66	63	46	40	59	65	46	40	49	50	51	39	36	36	39	23	29	33	37	39	38	33	28		45.7
	Minimum	22	49	30	19	15	25	50	41	44	32	31	40	45	32	27	28	36	25	24	22	16	21	11	17	28	17	21	32	27	22		28.4
Phoenixville-1.5 SE	Maximum																																
	Minimum	33	39	51	41	21	25	31	53	60	59	39	44	55	45	38	31	28	49	27	39	27	38	24	17	27	21	15	31	38	32		§35.8
Pittsburgh Arpt Sta.[1]	Maximum	65	66	59	39	55	70	74	70	65	44	59	67	68	49	42	51	53	50	47	39	52	49	25	33	35	40	49	46	37	32		51.0
	Minimum	38	58	32	25	28	44	54	54	44	35	36	57	43	35	32	31	44	36	35	30	27	23	18	22	31	29	31	36	32	27		35.7
Pittsburgh City Office[1]	Maximum	68	68	61	42	56	72	75	71	68	45	60	67	70	50	45	54	55	55	46	41	54	51	27	36	38	42	50	48	39	34		52.9
	Minimum	37	61	35	31	32	41	55	54	45	37	38	60	50	37	36	35	46	40	36	34	30	27	23	24	33	32	31	38	34	31		38.1
Port Clinton/	Maximum	60	54	63	43	46	62	62	63	72	60	45	62	65	55	45	58	54	57	47	43	45	45	32	42	45	40	44	47	40	40		51.2
	Minimum	35	42	47	39	21	25	31	38	49	47	38	39	38	42	37	32	32	36	29	30	23	25	20	17	18	23	16	18	37	30		31.8
Putneyville-2.5 SE	Maximum	62	66	58	49	50	69	72	70	65	48	48	64	67	49	47	47	56	50	42	40	42	42	26	28	32	34	40	40	37	32		49.1
	Minimum	25	52	35	22	21	29	39	43	45	32	32	44	46	36	30	27	31	36	28	30	22	24	15	14	25	15	21	33	30	25		30.2
Quakertown-0.5 E	Maximum	68	59	69	50	48	61	67	71	71	65	54	56	64	64	49	53	60	58	52	48	44	56	41	37	43	41	45	49	46	35		54.1
	Minimum	34	38	46	36	24	25	30	37	48	42	37	40	53	46	35	32	24	47	26	35	20	35	24	19	28	25	15	33	33	29		33.2
Reading[1]	Maximum	64	57	66	47	50	68	71	73	73	63	46	55	67	57	47	55	64	59	50	45	46	58	34	38	44	45	47	50	44	37		54.0
	Minimum	44	49	47	33	29	33	40	49	59	40	40	45	55	39	38	37	35	44	36	34	28	34	26	23	35	30	24	38	33	30		37.6
Ridgway/	Maximum	64	65	46	43	50	70	73	69	65	42	48	69	66	45	45	59	51	53	40	34	41	35	25	31	36	41	46	38	34	29		48.4
	Minimum	25	25	45	26	16	16	24	34	43	37	32	34	47	41	27	21	21	40	25	29	19	24	11	15	21	21	18	25	31	24		27.2
Scranton[1]	Maximum	56	58	60	41	46	63	69	71	70	54	46	60	68	54	41	50	53	54	48	44	50	52	30	33	43	35	46	44	38	31		50.3
	Minimum	34	49	41	32	28	31	39	44	54	36	37	46	53	38	34	34	36	37	31	30	27	30	23	20	30	24	20	37	31	25		34.4
Selinsgrove	Maximum	64	58	61	48	47	65	66	67	72	67	47	53	66	65	47	55	56	57	48	47	45	51	39	35	42	48	43	50	45	35		53.0
	Minimum	30	41	46	35	21	25	34	37	52	40	34	36	46	40	33	32	34	44	27	34	20	36	17	16	27	27	16	37	31	29		32.6
Somerset	Maximum	69	65	59	39	54	70	74	68	65	53	48	72	66	51	39	53	52	50	44	40	40	41	26	27	32	41	43	38	37	31		49.6
	Minimum	27	51	39	24	16	37	31	31	49	35	35	39	50	35	30	27	26	33	34	28	16	26	17	17	23	12	22	36	31	27		30.1
Springs[6]-1 SW	Maximum	69	64	55	35	51	68	72	67	66	52	45	67	66	47	35	50	51	48	46	35	41	41	23	24	30	38	40	37	35	30		47.6
	Minimum	32	43	35	23	15	33	37	36	43	34	35	43	39	32	26	27	40	42	26	21	18	23	15	17	23	9	16	32	29	24		28.9
State College[1]	Maximum	60	59	58	42	47	67	70	68	69	49	42	56	67	52	43	52	54	52	44	42	43	42	26	32	38	41	41	41	36	32		48.8
	Minimum	33	52	39	31	28	25	47	45	49	34	34	42	52	37	31	35	41	35	31	29	22	25	18	25	31	27	24	36	32	28		33.8
Stroudsburg-2 E	Maximum	72	63	63	52	50	65	68	70	73	71	46	53	63	64	53	55	62	58	52	48	48	55	42	36	45	41	45	45	44	55		54.0
	Minimum	32	39	49	39	23	25	30	36	51	46	38	40	51	49	36	26	27	44	25	38	20	35	20	16	27	25	15	32	34	30		33.3
Tamarack/-2 S	Maximum	57	53	52	40	45	65	70	66	62	37	42	54	63	41	41	50	47	50	37	35	38	35	25	26	32	39	37	35	30	21		44.2
	Minimum	30	31	46	27	21	22	39	47	51	36	30	31	41	40	25	24	29	37	31	26	20	20	13	13	18	23	20	20	30	21		28.7
Tionesta /-1.5 SE	Maximum	63	65	44	40	52	68	69	69	61	43	52	66	64	43	41	50	51	49	40	32	43	32	28	32	35	41	45	38	35	30		47.4
	Minimum	27	32	40	25	23	28	31	45	49	36	33	38	46	40	30	29	32	42	29	30	22	24	16	16	26	27	19	31	32	27		30.8
Titusville-2 S	Maximum	59	62	53	41	50	66	66	69	64	43	44	64	61	48	38	48	46	50	39	38	40	40	24	26	36	38	43	40	38	30		46.7
	Minimum	24	53	38	24	28	36	51	57	43	33	31	43	48	37	28	27	38	38	29	29	23	23	12	16	25	26	22	36	30	26		32.3
Towanda-1 E	Maximum	55	56	58	42	49	69	72	74	71	62	44	61	67	56	44	53	54	57	44	44	45	49	34	34	45	37	47	43	41	30		51.2
	Minimum	27	44	41	31	19	25	39	40	57	33	38	43	47	40	31	28	33	39	26	32	22	29	22	18	24	20	16	39	29	24		31.7

Continued on page 88.

Daily Temperatures for November 1945—Continued from page 87.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	73	70	62	42	59	74	76	72	70	56	65	73	72	53	45	55	54	54	51	43	55	52	31	33	39	48	56	52	43	36	....	55.5
	Minimum	34	60	40	26	24	37	42	44	55	39	39	53	53	40	35	32	36	45	32	34	23	30	22	22	30	21	31	42	35	31	....	36.2
Vandergrift[1]	Maximum	69	68	60	43	56	74	76	74	68	50	66	67	70	51	48	52	54	58	48	44	50	48	29	32	36	45	50	44	40	35	..	53.5
	Minimum	29	56	35	26	25	32	40	46	48	35	35	52	48	40	35	32	44	34	32	30	26	26	21	20	22	24	23	38	34	31	....	34.0
Warren	Maximum	62	67	50	40	70	70	72	70	65	44	46	69	64	50	52	51	47	47	52	36	40	42	37	29	36	38	47	39	35	31	....	49.6
	Minimum	28	48	28	28	28	36	44	58	42	34	33	45	49	36	28	28	38	37	29	29	24	24	15	18	25	22	19	32	30	24	..	32.0
Waynesburg	Maximum	73	68	63	43	58	73	75	72	67	52	61	66	69	50	44	56	53	55	50	42	57	51	29	33	40	45	50	56	44	36	....	54.4
	Minimum	30	59	41	22	22	34	47	45	52	37	37	50	50	39	34	30	40	44	30	33	21	28	21	21	30	19	20	36	34	31	....	34.6
Wellsboro	Maximum	62	57	57	39	49	68	72	70	67	41	45	57	68	45	43	52	51	53	42	37	44	39	30	31	42	37	42	40	33	26	....	48.0
	Minimum	22	22	49	30	16	17	24	35	38	40	32	32	45	43	28	28	34	39	25	27	18	18	18	17	22	18	14	22	32	25	....	27.7
West Chester	Maximum	65	62	68	50	51	67	70	74	73	61	44	61	65	61	46	55	64	60	53	49	47	55	39	39	45	46	48	49	45	37	..	55.0
	Minimum	42	45	49	38	28	32	41	49	55	44	39	44	54	42	35	34	33	48	35	35	27	39	26	21	29	30	25	40	37	31	....	37.6
Wilkes-Barre[1]	Maximum	59	57	62	42	48	65	69	72	72	54	47	62	68	53	44	52	56	56	47	43	49	52	35	34	43	38	43	46	38	32	....	51.2
	Minimum	32	49	41	30	23	28	33	37	53	35	35	47	52	38	29	32	34	38	30	31	24	31	21	20	30	21	18	37	30	25	....	32.6
Williamsport Arpt.[1-4 E]	Maximum	57	56	59	41	45	60	66	65	69	57	44	53	66	51	45	52	46	55	44	42	43	48	29	34	42	40	42	46	41	33	..	49.0
	Minimum	31	48	40	26	23	27	35	44	47	35	36	44	51	40	35	34	35	33	29	29	23	29	22	20	29	25	19	38	33	28	....	32.9
Williamstown	Maximum	67	57	63	47	50	69	72	73	74	66	43	52	68	65	45	54	64	56	45	50	46	52	38	33	43	43	43	48	50	35	..	53.7
	Minimum	41	47	46	36	23	25	40	42	51	42	36	41	50	43	34	33	28	35	23	25	20	36	16	16	28	21	19	37	34	29	....	§33.2
Woodward[1-2 NE]	Maximum	51	53	54	37	43	64	66	68	68	54	40	58	62	45	38	48	50	48	40	41	36	42	27	26	35	38	36	40	38	27	....	45.9
	Minimum	32	45	33	25	22	31	50	50	53	30	30	38	45	30	28	28	35	34	33	24	21	20	14	14	21	23	21	33	25	20	....	30.4
York-3 SW	Maximum	71	64	67	53	53	75	74	75	77	71	48	55	71	66	50	58	68	63	51	51	50	55	42	37	47	49	50	50	48	38	..	57.6
	Minimum	39	48	52	40	22	28	37	42	57	47	39	38	54	46	37	30	28	50	29	37	21	40	21	19	31	22	18	41	35	33	....	36.0

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days.
Erie	30.63	10	29.42	22	9.8	27	se.	21	79	72	75	25	630
Harrisburg	30.61	10	29.55	22	8.4	34	nw.	20	79	58	70	37	613
Philadelphia	30.57	10	29.50	29	7.9	28	se.	22	85	60	74	48	496
Philipsburg	30.61	10	29.59	22	10.9	32[a]	s.	21	86	68	82	....	836
Pittsburgh	30.58	10	29.54	21	10.9	34	w.	22	74	68	73	24	647
Reading	30.60	10	29.57	29	12.0	40	w.	22	78	54	56‡	48	575
Scranton	30.65	10	29.51	22	6.7	25	nw.	15	89	79†	....	36	662

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.5	5.7	4	3.1	1†	18
Easton	Delaware	5.4	9.2	23	2.8	2†	22
Lehighton	Lehigh	4.0	5.6	23	3.2	28	9
Reading	Schuylkill	5.3	9.8	29	3.9	10	13
Wilkes-Barre	N. Br. Susquehanna	8.4	12.7	23	5.0	2	22
Williamsport	W. Br. Susquehanna	5.9	13.0	30	2.3	1	20
Newport	Juniata	5.5	14.7	29	3.5	2	22
Harrisburg	Susquehanna	5.6	9.9	30	4.1	2	17
Schenley, (nr) Lock No. 5.	Allegheny	15.6	18.2	20	13.7	2	24
Sutersville	Youghiogheny	6.5	....	....	....	....	20
Charleroi (nr.), Lock No. 4	Monongahela	14.7	19.6	21	11.1	1	30
Pittsburgh	Ohio	*	*	....	*	....	25
Midland, Dam No. 7	Ohio	*	20.5	21	*	....	30

* Pool stage. † On other days also.

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Hawley, 1 S.	"	Wallenpaupack Dam (Evaporation)
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Shaver Creek (Evaporation)
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—1-31-46—975)

UNP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

MAR 4 1946
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. L. DECEMBER 1945. No. 12.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
REMIT DIRECTLY TO SUPERINTENDENT OF DOCUMENTS WASHINGTON, 25 D. C.

GENERAL SUMMARY.

Like that of December 1942 and 1944 this was an "old fashioned" winter month. The fact that it was the fifth coldest and fourth snowiest should dispel any lingering thought that our winters have moderated permanently. This type of weather results when air of Arctic origin invades central and eastern states, and is renewed frequently by new outbursts. The leading edge of the cold air, known as the polar front, must be south of Pennsylvania so that the State is in a colder area. Then storms move easterly, along the polar front or warm-moist air moves northward over the colder wedge of air. In either case, frequent moderate to heavy snows result with little or no melting.

To be significant, this condition must persist for a period of two weeks or more, but rarely does it continue more than six weeks. The current cold-snap had a preview in late November that began to wane by the fifth as freezing rain, over most of the State, made roads and walkways treacherous to travel upon and resulting in the first of numerous waves of collisions, upsets, accidents, and traffic fatalities that occurred during the month, perhaps the largest number of record.

Moderating temperatures produced the highest marks for the month on the 8th and 9th. Then a heavy snow mantle began to accumulate on the ground and an ice sheet on the streams, under a sustained cold period of two weeks.

A total eclipse of the moon on the evening of the 18th, the first visible in Pennsylvania since August 1942, was mostly obscured, except for a few brief glimpses through the cloud deck preceding the heaviest snowfall of the month. Fortunately, the snowfalls were not of record-breaking proportions nor did wind drift it to any great extent, blocking roads and paralyzing traffic as in the previous December.

Lowest readings of the month, generally sub-zero, except in the southeastern counties, were recorded on the 16th-18th, 23d and 24th. As the latter readings were being made, forecasters saw the conditions developing that spelled relief from the subnormal weather. Warm-moist tropical air began streaming northward from the Gulf of Mexico, up the Mississippi River Valley to envelop the northeast. As this airmass was first lifted above the colder surface air, the resultant precipitation on Christmas Day began as snow, then changed to sleet and freezing rain and finally, at least in the eastern counties, to heavy rain. The long anticipated "White Christmas" was considerably dampened. Conditions were horrible —icy roads made travel an adventure; the snow was reduced to slush, creating sizeable puddles and swelled the streams. Sufficient runoff occurred to flush the streams of their ice burden without creating flood conditions—an extremely fortunate occurrence.

More normal weather obtained for the closing days of the year but with its full share of snow, sleet and rain. On New Year's Eve, the skies cleared of storm and strife, our hopeful wish this be an omen that 1946 will have more stable weather and better living.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 25.6°, which is 5.6° below the 58-year normal for December. The highest monthly mean was 36.0° at Marcus Hook, and the lowest was 20.1° at Kane. Extremes ranged from a maximum of 62° at Marcus Hook on the 9th, to a minimum of —22° at Ridgway on the 23d.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 202 stations, was 2.73 inches, which is 0.36 inch below the 58-year normal for December. The greatest monthly amount was 5.92 inches at Philadelphia, Shawmont, while the least was 1.13 inches at Austinburg. The greatest amount recorded in any 24 consecutive hours was 2.40 inches at Mount Pocono on the 25th.

The average snowfall for the State was 16.6 inches, which is 8.5 inches above the 58-year normal. The greatest monthly snowfall was 33.8 inches at Corry. The greatest fall for any observational day was 18.6 inches at Hawley on the 19th.

ERRATA

Annual, 1940, page 74, Claysville, total precipitation should be 43.78 inches; page 76, Claysville, annual precipitation should be 43.78 inches, departure should be +3.48 inches.

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	32.5	62	−10	3.14	5.2	9	8	8	15
1889	39.6	73	0	2.77	0.9	12	11	9	11
1890	27.2	59	−11	3.97	29.4	12	7	8	16
1891	38.4	68	−3	4.09	0.3	10	12	8	11
1892	27.8	70	−13	1.69	5.7	9	7	9	15
1893	32.2	70	−7	3.06	9.4	12	6	11	14
1894	32.4	66	−28	3.95	11.9	10	10	9	12
1895	34.2	70	−10	3.22	2.3	7	10	9	12
1896	30.6	67	−13	1.20	5.4	6	10	9	12
1897	33.0	73	−6	3.95	9.6	12	6	8	17
1898	29.8	68	−11	2.98	8.7	10	10	8	13
1899	31.5	73	−11	3.04	4 4	10	10	10	11
1900	31.2	65	−2	2.08	3.9	7	8	9	14
1901	29.1	77	−18	5.91	7.6	11	7	9	15
1902	28.4	68	−12	5.54	17.3	14	7	7	17
1903	25.4	60	−14	2.66	13.2	9	8	9	14
1904	25.8	71	−19	2.48	14.4	11	7	7	17
1905	33.6	65	−5	3.57	2.2	8	10	7	14
1906	30.8	67	−14	3.97	7.6	14	5	5	21
1907	33.2	68	−8	4.30	9.8	12	7	8	16
1908	32.0	74	−2	2.86	9.4	10	9	8	14
1909	27.0	71	−10	3.39	12.7	8	9	8	14
1910	24.4	68	−14	2.65	16.0	12	8	6	17
1911	36.3	70	5	3.27	5.4	13	7	5	19
1912	34.4	74	−8	3.27	8.1	9	9	7	15
1913	34.2	66	−7	2.63	7.2	8	9	7	15
1914	27.3	69	−28	4.63	13.0	14	8	5	18
1915	29.4	70	−7	4.06	13.7	12	6	8	17
1916	29.7	73	−12	3.07	10.5	12	11	9	11
1917	21 5	52	−28	1.78	15.0	8	10	8	13
1918	36.6	72	−1	3.38	3.0	11	9	7	15
1919	25.3	66	−23	2.61	9.4	11	9	8	14
1920	33.4	68	−7	3.28	3.8	10	7	9	15
1921	31.6	66	−11	2.59	7.2	10	8	8	15
1922	31.5	69	−9	2.75	7.1	10	10	8	13
1923	39.6	71	1	4.99	2.4	14	9	7	15
1924	29.8	69	−23	2.13	3.6	11	7	7	17
1925	30.7	62	−15	1.72	3.8	10	8	7	16
1926	27.3	62	−20	2.58	10.0	12	8	7	16
1927	32.7	73	−6	4.41	4.5	13	9	6	16
1928	34.4	68	−2	1.16	0.9	6	13	7	11
1929	32.2	70	−9	2.77	10.0	12	7	6	18
1930	30.0	59	−15	2.29	6.8	10	6	7	18
1931	38.1	70	−1	2.85	1.1	11	10	6	15
1932	33.3	72	−14	2.19	7.4	12	10	6	15
1933	31.7	74	−22	2.88	8.7	12	9	7	15
1934	30.7	73	−10	2.55	3.0	10	9	8	14
1935	26.3	60	−19	2.62	13.5	16	5	7	19
1936	34.5	74	−11	4 19	6.3	11	11	6	14
1937	29.7	66	−14	2.45	5.7	10	10	5	16
1938	32.2	64	−5	2.56	4.7	11	8	7	16
1939	33.9	68	−8	2.24	6.0	11	7	6	18
1940	35.9	68	−9	3 08	3.1	12	7	7	17
1941	35.6	76	−8	3.10	2.0	10	6	8	17
1942	27.4	62	−25	5.05	11.5	14	6	7	18
1943	28.4	63	−23	1.12	2.1	5	11	9	11
1944	26.3	60	−26	3.79	22.6	13	7	7	17
1945	25.6	62	−22	2.73	16.6	13	6	7	18
Period	31.2	77	−28	3.09	8.1	11	8	8	15

Climatological Data for December 1945

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours‡	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	26.3	−6.4	53	8	4	23	3.79	+0.49	1.26	25	16.6	13	8	8	15	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	24.3	−5.4	55	9	− 2	16	2.39	−0.39	0.60	6	21.5	13	9	6	18	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	26.2§	.....	56	9	− 4	24	2.76	.....	1.05	25	11.5	10	7	6	18	w.	Penna. Turnpike Comm.
Carlisle	Cumberland	473	77	28.2	−3.5	52	8	− 5	23	3.62	+0.70	0.96	25-26	17.0	11	12	3	16	sw.	Clarence E. Miller.
Chambersburg-1 SW.	Franklin	600	50	27.3	−5.8	54	9	− 4	24	3.59	+0.87	1.27	25	11.9	14	10	9	12	sw.	Charles A. Bender.
Coatesville	Chester	431	58	28.7	−4.1	54	9	5	18	5.07	+1.31	1.56	25	14.0	11	7	4	20	nw.	Howard L. Pyle.
Curwensville Apt-6 NW	Clearfield	2,215	3	20.3	.....	46	9	− 8	16	2.25	.....	0.65	25-26	20.7	19	2	6	23	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	21.6	.....	46	8	− 4	17	3.18	....	1.07	25	19.7	12	10	4	17	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	23.6	.....	51	9	1	16	3.15	....	1.14	25	15.4	15	5	8	18	w.	U. S. Weather Bureau.
Emporium-1 E.	Cameron	1,100	59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.0§	11	4	11	16	n.	Mrs. Helen C. Haas.
Ephrata	Lancaster	365	48	29.2	−3.5	51	8	− 2	18	4.02	+0.93	0.97	25	12.5	13	10	3	18	nw.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	26.7	−2.9	59	9	− 6	24	1.85	−0.97	0.58	5-6	18.0	13	9	2	20	w.	Penna. Turnpike Comm
Freeland	Luzerne	1,970	52	24.8	−2.4	52	9	1	17	4.26	+0.77	1.52	25	15.6	13	12	6	13	nw.	Andrew B. Evansha.
George School	Bucks	184	39	28.2	−5.2	53	8	− 2	18	4.95	+1.72	1.48	25-26	12.0	11	12	7	12	n.	George M. Hart.
Gettysburg	Adams	500	72	29.3	−3.4	53	8	− 3	23	3.72	+0.57	1.30	25-26	18.0	11	11	5	15	w.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	25.1	−4.3	50	9	− 7	24	4.23	+0.48	1.15	5-6	18.0	13	9	9	13	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	29.1	−5.4	58	9	7	23	3.42	+0.40	1.11	5-6	13.0	13	9	9	13	w.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	28.9	−3.8	52	8	5	18	3.32	+0.30	1.01	25	14.6	15	5	6	20	w.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	35	24.4§	−3.8	53	9	− 2	21	2.97	+0.09	1.14	25	30.4	15	13	4	14	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	31.0	−3.5	53	8	10	17†	3.35	+0.86	1.04	25	12.0	11	9	7	15	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	27.0	−4.5	51	8†	− 8	23	2.29	−0.60	0.78	25-26	9.4	10	0	7	24	nw.	Paul R. Yoder. Jr.
Huntingdon	Lancaster	255	58	28.4	−4.6	54	2†	− 5	23	4.08	+0.97	1.00	25	14.0	13	11	7	18	nw.	Lancaster Water Bureau.
Lancaster	Tioga	996	48	23.6	−4.5	52	8	−15	24	1.39§	−0.54	0.48	5-6	10.0	6	13	6	12	n.	Carlos P. Darling.
Lawrenceville	Lebanon	469	61	27.0	−5.0	53	8	0	18	3.39	+0.06	1.07	25	15.2	13	14	5	12	sw.	Lebanon Valley Gas Co.
Lebanon	Mifflin	580	7	28.6	.....	52	8	− 1	24	2.27	....	0.85	5-6	12.9	16	3	2	26	w.	American Viscose Co.
Lewistown-1 W.	Clinton	557	54	26.2	−4.7	44	7	− 6	24	2.48	−0.41	0.90	25	17.0	9	6	10	15	e.	William R. Kelley.
Lock Haven	Delaware	12	19	36.0	−2.3	62	9	14	23	4.63	+1.09	1.15	25-26	10.2	9	11	5	15	nw.	Sun Oil Co.
Marcus Hook†‡	Blair	1,493	3	24.7	.....	54	9	− 3	24	2.05	....	0.82	25	12.3	14	3	6	22	w.	U. S Weather Bureau
Martinsburg	Susquehanna	1,176	40	21.0§	−5.2	48	9	− 2	24	2.51	−0.06	0.78	25-26	18.9	12	8	5	18	nw.	Harry S. Fancher.
Montrose-3 E.	Monroe	1,914	4	21.8	.....	50	9	0	16†	5.82	....	2.40	25	24.8	17	2	13	16	nw.	U. S. Weather Bureau.
Mt. Pocono Arpt.-2 N.	Carbon	455	27	25.6	−5.6	51	7	− 3	18	3.36	+0.71	1.34	25	15.6	15	12	4	15	w.	New Jersey Zinc Co.
Palmerton	Philadelphia	10	4	32.0	−4.3	55	8	13	17	5.05	+1.62	1.03	5-6	.....	14	9	5	17	nw.	U. S. Weather Bureau.
Philadelphia	Centre	1,916	3	21.0	.....	50	9	−14	24	2.59	....	0.56	6	16.3	17	1	7	23	w.	U. S. Weather Bureau.
Philipsburg-7 E.	Chester	100	36	29.8	−3.9	60	8†	− 6	23	4.40	+1.23	1.53	25	12.0	11	10	4	17	nw.	Phila.-Suburban Water Co.
Phoenixville-1.5 SE.	Chester	407	7	26.7	−5.1	50	9	− 2	18	4.59	+0.98	1.40	25	17.5	14	14	4	13	.....	Earl E. Rarick.
Port Clinton†‡	Schuylkill	480	60	26.2	−5.0	51	8†	− 7	18	4.97	+1.60	1.38	25	19.7	12	10	6	15	w.	John E. Benner.
Quakertown-0.5 E.	Bucks	273	75	29.8	−4.4	52	8	6	18	3.84	+0.28	1.11	25	16.5	13	5	7	19	nw.	U. S. Weather Bureau.
Reading	Berks	746	51	26.4	−4.3	51	9	6	24	1.26	−1.76	0.41	19-20	13.5	14	5	10	16	n.	U. S. Weather Bureau.
Scranton	Lackawanna	476	55	25.8	−5.8	50	8†	− 6	24	3.38	+0.34	1.02	6	14.8	13	2	15	16	w.	Dr. George E. Fisher.
Selinsgrove	Snyder	440	60	25.6	−4.3	52	9	− 1	24	2.29	−0.36	0.78	25-26	14.0	11	3	7	21	w.	Penna. State College.
State College	Centre	1,217	26	26.8	−3.4	50	9	− 5	24	4.60	+1.29	1.88	25	16 0	10	11	4	16	nw.	Metropolitan Edison Co.
Stroudsburg-2 E.	Monroe	2,250	5	20.8	.....	47	9	− 5	17	2.16	....	0.56	19	22.0	16	4	11	16	w.	James E. Swartz.
Tamarack-2 S.	Clinton	754	51	24.6	−4.3	54	9	−10	24	1.94	−0.27	0.60	25	15.5	11	7	9	15	w.	Mrs. M. Ordelia Parks.
Towanda-1 E	Bradford	1,319	75	21.2	−6 5	48	8†	−14	24	1.60	−0.79	0.45	25	14 4	10	10	5	16	w.	M. S. Bliss.
Wellsboro	Tioga	440	96	29.6	−3.7	54	9	8	17†	4.49	+0.70	1.79	25	14.0	10	10	4	17	nw.	Clyde T. Saylor.
West Chester	Chester	544	7	26 0	.....	52	9	− 3	24	1.69	−1.04	0.48	6	15.5	11	4	7	20	sw.	U.S. Weather Bureau.
Wilkes-Barre†‡	Luzerne	520	1	24.8	.....	48	8	− 4	24	2.61	.....	0.79	6-7	23.1	10	2	4	25	sw.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	775	29	27.2	−4.0	52	9	− 5	18	3.22§	+0.13	1.18	5-6	.....	12	1	14	16	.....	Gordon E. Lower.
Williamstown†‡	Dauphin					48	9	− 2	16	2.16	.....	0.71	25	15.1	13	4	8	19	w.	U. S. Weather Bureau.
Woodward-2 NE.	Centre	2,191	4	21 7	.....	61	9	− 1	18	3.50	+0.62	1.16	5-6	12.0	12	4	7	20	w.	York Water Co.
York-3 SW	York	390	57	29.6	−3.7															
Division mean				26 3	.....	62	9	−18	23	3.28	.....	2.40	25	15.7	12	7	7	17	w.	
Ohio Drainage																				
Bradford-4 W.	McKean	1,680	28	22.2	−5 4	47	9	−17	24	2.19	−0.82	0.30	11†	25.5	13	8	5	18	w.	City Water Dept.
Brookville	Jefferson	1,400	55	23.0	−4 9	49	9	−17	23	2 03	−1.06	0.54	25	13.0	19	4	1	26	sw.	Civil Aeronautics Authority
Butler†	Butler	1,077	32	26.4	−4.8	52	9	−12	18	1.95§	−0.77	0.88	24-25	18.0	9	0	18	13	nw.	Butler Eagle.
Clarion†‡-3 SW	Clarion	1,114	35	24.6	.....	52	9	−17	23	2.19	−1.33	0.67	25	13.3	15	3	6	22	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	24.6	−7.8	51	9	− 4	23	2.00	−0.90	0.46	25	12.1	12	7	6	18	nw.	Walter B. Paget.
Corry	Erie	1,410	31	23.2	−5.2	45	9	−21	24	2.32	−1.16	0.58	30	33.8	18	6	6	12	13	w.	J. Fred Kinley.
Coudersport†‡	Potter	1,653	21	22.0	−4.1	49	9	−15	24	2.85	−0.11	0.66	19	21.3	11	6	9	16	sw.	Potter Enterprise.
Derry	Westmoreland	1,150	48	26.8	−5.4	51	9	−14	23	1.82	−1.40	0.30	13-14	10.6	13	8	10	13	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	22.9	.....	50	9	− 6	23	1.33	....	0 22	13	29.9	23	3	15	13	nw.	Penna. Turnpike Comm.
Donora†‡	Washington	761	19	29.5	−6.0	53	9†	2	16	1.67	−0.92	0.38	14	9.5	13	0	0	31	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	22.0	−6.4	49	9	− 5	23	2.51	−0.51	0.47	5-6	18.9	19	5	10	16	sw.	John L. McGough.
Farrell	Mercer	855	32	25.8	−5.2	49	8†	−10	18	2.03	−0.36	0.30	14	14.0	11	11	5	15	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	2	23 7	.....	51	9	−19	23	1.70	....	0.58	24-25	12.7	13	4	7	20	w.	U.S. Engineers.
Franklin	Venango	987	71	24.2	−5.2	52	9	− 4	16†	1.65	−1.54	0.39	25-26	23.5	11	5	3	23	s.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	27.2§	−5.6	54	28	− 7	23	1.53	−1.63	0.40	24-25	17.1	15	3	3	25	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	25.1	−5.7	49	9	−12	23	2.27	−1 03	0.55	25	19.6	14	7	9	15	sw.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	24.8	.....	51	9	− 6	23†	1.39	−0.88	0.47	24-25	.....	14	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	26.8	−5.5	55	9	− 4	24	2.49	−1.11	0.42	19-20	23.8	15	5	9	17	se.	Johnstown Tribune Pub. Co
Kane-1 N.	McKean	1,750	30	20.1	.....	47	9	−21	23	2 52	−0.82	0.67	25	31.6	19	6	5	20	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	23 2	−5.8	48	9	− 6	16†	1.82	−1.24	0.26	25-26	23.9	18	3	2	26	sw.	City of Meadville.
Midland	Beaver	780	9	27.7	.....	50	9	− 1	16	1.80	.....	0.42	25	13.4	15	4	5	22	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	26.0	−4.9	50	8	−13	23	2 14	−0.47	0.62	25	13.7	17	1	11	19	n.	New Castle Water Co.
Pittsburgh Airport	Allegheny	1,286	12	26.8	−5.2	51	9	− 2	16	2.41	−0.45	0.59	13-14	17 1	24	4	5	22	sw.	U. S. Weather Bureau
Putneyville-2.5 SE	Armstrong	1,270	2	22.4	.....	50	9	− 15	23	2.45	....	0.73	25-26	14.7	19	6	6	19	nw.	U.S. Engineers.
Ridgway	Elk	1,385	38	21.2	−6.5	50	9	−22	23	2.18	−0.55	0.70	25	16.5	17	6	5	20	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	23.5	−5.4	53	9	−15	24	2.12	−1.59	0.40	5-6	22.2	17	5	1	25	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	22.0	−7.2	50	9	− 8	23	2 63	−0.61	0.40	5-6†	21.4	19	4	6	21	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	22 3	.....	50	9	−19	23	2.09	.....	0.71	25-26	20.6	16	4	4	23	sw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	23.0	.....	46	9	− 8	24	2 08	.....	0.55	25	27.0	16	1	13	17	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	29 4	−5.5	57	9	− 1	16	2.01	−1.30	0.45	5-6	9 2	14	6	10	15	sw.	William W. Marsteller
Vandergrift	Westmoreland	825	31	27.8	−5 5	53	9	−10	23	2.01§	−0 77	0.55	25	.....	16	4	13	14	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	24.3	−4.2	50	9	− 9	23†	2.77	−0.38	0.83	25	17.0	16	7	18	6	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	27.8	−6.6	53	9	− 1	16	2.11	−0.72	0.68	25	9.0	11	4	10	17	w.	Thomas S Knox.
Division mean				24.3	.....	57	9	−22	23	2.09	.....	0.88	24-25	17.9	15	5	7	19	sw.	
Lake Drainage																				
Albion	Erie	900	2	23.8	.....	48	8	− 5	15	2.03	.....	0.29	25-26	.....	23	11	13	7	n.	Charles C. Gilbert.
Erie	Erie	705	72	27.6	−4.3	50	8	1	16	1.97	−0 86	0.38	13-14	21.8	20	2	7	22	sw.	U. S. Weather Bureau
State mean				25.6	−5.6	62	9	−22	23	2.73	−0.36	2.40	25	16.6	13	6	7	18	w.	

[See page 96 for explanation of reference marks.]

Daily Precipitation for December 1945

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	T.			T.		.12				.14			.21		.02			.20	.51						1.72			.28	.18	.10	3.48
Hawley[2], 0.5 E	Wayne	.06		.10	T.		.11	.08			T.	T.		.17	T	.03	T.		.15	.60	.01	.02	.04			1.14	T.	T	.25	.17	.04	2.97
Hollisterville[2]	Wayne			.02	T.	T.	.56	.23	.02		.01	T.		.17	T.	T.			.22	.42	T.	.08	T.			.29	.06		.18	.12	.05	2.93
Lakeville[2], 1 N	Wayne	.11		.08			.43	.04											.29	1.20	•	.11	.21			.73			•	•	.31	3.51
Matamoras[2]	Pike	.07			.05			.28			.02			.21					.28	.56						1.55			.24	.45	.07	3.76
Mount Pocono[1], 2 N	Monroe			.06	T.	T	1.14	.01			.07	.05		.10	.16		.03		.60	.10	.05	.11	T.		2.40	T.	.03	T.	.51	.12	.28	5.82
Pleasant Mount[1, 5], 1 W	Wayne	•	•	•	•	•	•	•	•	•	1.48	•	•	•	•	•	•	.20	•	•	•	•	•	.62	•	•		•	•	.58	2.88
Stroudsburg, 2 E	Monroe			.02			.39				.10				.20					.60	.30		T		1.00	.28			.61	T.	.47	4.60
Tamers Falls[1, 5], 1 SE	Wayne			.02			.09							.06	.19					.65	.08	•	•	•	•	.72		.01	.29		.10	2.21
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh			T.		.12	.84				.11	T.		.03	.08		T.			41	.04	T.	.06			1.26	F		.03	.30	.15	.36	3.79
Allentown[2]	Lehigh			T.	T		.90	.04				.23	T.		.13		T.			.29	.30		.04	.03			1.32			.20	.17	.23	3.88
Bethlehem[1]	N'rthampton			.02		.12	.84				.29			.04	.12		T.			.78		T.	.06		.1	37			.04	.44	.19	.40	4.71
Blakeslee Corners[1, 5]	Monroe	•	•	.70							•	•	•	•	•	•	•	•	•	.55	•	•	•	•	•		1.60	•	•	•	•	.33	§§
Gouldsboro[2]	Wayne						.63	.12	.02			.06			.20		.03			.10	.33		.02			1.13			.12	.15	.05	2.96
Lansford[2]	Carbon			T.	.06		.94	.03				.06	.03	T.	.15					.22	.25	T.	T.	T.	T.	1.36			.16		.25	3.51
Mauch Chunk, 1 SW	Carbon			.03			1.25				•	.09			.18		.06			.48	.04	T.	.05			1.65			•	.30	.43	4.56
New Tripoli	Lehigh			.04			.95	T.			.10	.02			.13					.60	.03		.10			.81	.64		.37	.17	.3	4.29
Palmerton[1, 5]	Carbon			.01		.15	.37	T.			08	T.		.06	.06		.03			.63	T.	.01	.02			1.34		T.	.02	.20	.13	.25	3.36
Zionsville, 1 SW	Lehigh						1.05				.25				.20					.55			.05			1.30	.10			.40	.35	.35	4.60
SCHUYLKILL																																	
Conshohocken	Montgomery					•	.91				.31	.08		.18	T.				.45	.51	T.					.73	.12			•	•	.98	§4.22
Fredericksville[2], 1 S	Berks			T.	.01		.31	.38				.24			.13		T.			.36	.15	T.	.01	T.			1.43			.07	.10	.40	3.59
Gratersford[2]	Montgomery					T.	.92	.08				.27			.14					.48	.37	T.		.11			1.44			.37	.31	.12	4.61
Phoenixville[2], 1.5 SE	Chester		T.	T.			1.02	.02				.16			.17	T.				.37	.37		.03	T.			1.53	T.		.27	.20	.2	4.40
Port Clinton[2]	Schuylkill			.07			.99					.20			.25	.05				.50	.30	.05	.10	.05			1.40			.15	.08	.40	4.59
Pottstown[2], 0.5 S	Montgomery					T.	1.28	.01				.36			.17					.42	.65	T.	.04	.11			1.51			.28	.11	.23	5.17
Pottsville[2]	Schuylkill			.04			1.10	.06				.03			.20					.25	.28		.07	.02			1.09			.13	T.	.30	3.57
Reading[1, 5]	Berks			.02	T.	.22	.70	T.			.24			.12			T.		T.	.51		.03	.06			1.11		.04	.21	.18	.40	3.84
Wernersville	Berks			.02			.87	.01			.14				.16					.59	T	T.	.07			.85	.25		T.	.22	.28	.33	3.79
LOWER DELAWARE																																	
Coatesville[6]	Chester					.10	.89				.15				.22					.80			T			1.56	.14		.20	.45	.19	.37	5.07
Doylestown	Bucks				T.		.52	T.			.22				.18					.67	.05		.05			.52	.88			.02	.01	.54	4.26
George School[6]	Bucks			.02	T.	.05	.41	.09			.24	T.			.31					.86	T.		.06			.97	.51			.52	.13	.38	4.95
Marcus Hook[2]	Delaware						.78					.20			.25					.80	.20		T.				1.15		T	.42	.28	.55	4.63
Philadelphia																																	
Southwest Airport, [1]	Philadelphia			T.	T.	.35	.36	03			.32			.01	.09	T.	T.		f.	.48	T.	T.	.01			1.11	.04		17	.15	.21	.36	4.02
City Office[1, 5]	Philadelphia			T.	T.	.41	.62	.08			.39			.08	.10		T.		T.	.96		T.	.02			.95	.04		.14	.63	.18	.45	5.05
Shawmont	Philadelphia			T.	.03	T.	.81	.05			.25	T			.22					.75	.35	T.	.26			40	1.46		T.	.77	.12	.47	5.92
Quakertown, 0.5 E	Bucks						.92	.03			.44				.19		T.			.71	.08	T.	.10			.36	1.02			.52	.06	.54	4.97
West Chester	Chester					.05	.75	T.			.22				.20					.57	T.		.02			1.79	T		T.	.42	.10	.37	4.49
West Grove[2], 1.5 SE	Chester						1.31	T.				.32			.20					•	.33					T.	1.63			.27	.23	.58	4.87
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga		.02	.09	.01		.31				T.			.08	.03					.33	.02	T.	.09			.14	.01				T		1.13
Covington[2]	Tioga			T.			.25	.62				.01		.02	.18					.17	.30			.06			.63			.02	.03		2.29
Lawrenceville	Tioga			T.			.48				T.		T.		.06		T.			.35			.05			.40			•		.05	§1.39
NORTH BRANCH																																	
Berwick	Columbia			.01			.99				T.	T.			.22					.35	.10		.07			.26	.19			.06	.02	.21	2.48
Canton[2], 1 NW	Bradford			.05			.59	.04				.01	T.	T.	.15		T.			.03	.51	T.	T.	.03			.67			T.		.04	2.12
Danville[2]	Montour			.07			.76	T							.25					.24	.30		.05	T.			.46			•		.20	2.33
Freeland[2]	Luzerne			T.	.32		1.20	.15					T.	T.		.15	T.	T.		•	.55	.03	.03			.24	1.28	T.		•	.19	.12	4.26
Hop Bottom[2], 2 S	Susquehanna		T.	.08	T.	T.	.11	T.				.02			.16					.20	.35	T.	.05	.05			.66					.06	1.74
Millville[1, 5]	Columbia			.10			.75													.17	.08		.10			.45				.05	.1	1.80
Monroeton[2], 2 S	Bradford			.05		T	.14	.15				.03	T.	T.	.10		.02			.10	.45	T.	.04	.03			.41					.01	1.58
Montrose[2], 3 E	Susquehanna			.02			.03	.45	.02			T.			.28	.01	T.			.11	.72	.04	.03	T			.78	T	T.	T.		.02	2.51
Orwell[2], 3 N	Bradford			.05	.05		.03	.45	.02			T.			.28	.01	T.			.11	.72	.04	.03	T			.78	T	T.	T.		.02	2.51
Park Place[1], 1 NW	Schuylkill	T.		.04	.01	.05	.94	T.			.05	T.	T.	.02	.04		.02		T.	.27	.02	.01	.05	T.		1.03	T.	T.	.02	.07	.05	.20	2.89
Pikes Creek[1, 5]	Luzerne			.04			.57							.07	.08					.41	.03	.05	.08			.61			.05	.06	.14	2.19
Rush[2]	Susquehanna			.14			.31	.14							.16					.18	.40	.04	.06				.64						2.07
Scranton[1, 5]	Lackawanna	T.		.04	T.	.02	.05	T.			.02	T.	T.	.06	.04		.05			.40	.01	T.	.04			.33	T.	T.	.03	.03	T.	.14	1.26
Susquehanna[2]	Susquehanna			.12				.05				T.	.01	T.	.15					.11	.45		T.				.52		.01				1.45
Towanda, 1 E	Bradford		T.	.10	T.		.35	.05			T.	T.	T.		.12	T.	.01			.46	.09	T.	.07	T.		.59	.01	T.		T.	T.	.09	1.94
Tunkhannock[1, 5]	Wyoming			.05			.44							.07	.05					.57	.03											§§
Wilkes-Barre[1], 3 N	Luzerne		T	.04	T.	T.	.48	T.			T.	T.	T.	.08	.03		T.			.35	.04	.02	.06			.38	T	T.	T.	.07	T.	.14	1.69
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga			.06	.10	T	.38	.03			.06		.04	.12		T			.14	.17	T.	.12				.34			.02	T.	.05	1.63
Carrolltown[2]	Cambria			.11	.01		.35	.09	T.		.09	.04	.03	.27	.06	.06			.18	.22	.10	.18	.06		.22	.28	.11	.01			.14	2.64
Carter Camp[2]	Potter			.04	T.		.36	.04			T.		T.	.19	T.	T			.17	.39	.03	.07				.49			T.		.13	1.91
Cedar Run[2]	Lycoming			.07	.02		.38	.08			T.			.15	.03	f			.17	.42	T.	.06	.04			.50			.04		.05	2.01
Clearfield[2]	Clearfield			.04	T.		.24	.10			T.	.01		.24		.03			.16	.24	.03	.15	T.		.02	.53	.01		T.		.04	1.84
Coalport[2]	Clearfield																																
CurwensvilleApt[1] 6NW	Clearfield	T.		.07	T.	T.	.38	.01		.01	.05	.01	.21	.04	.03	.02	T.	f	.41	.07	.01	.09	T.		.64	.04	.01	T.	T.	.05	.10	2.25
Driftwood[1, 5]	Cameron	*	1.80	*	*	*	*	*	*	.47	*	*	*	*	*	*	*	10	*	*	*	*	*	.60	*	*	*	*	*	.80	.02	3.79
Dushore[1, 5]	Sullivan	•	•	•	2.50		.59				•	•	•	•	•	•	•	.22	.53	•	•	•	•		•	.68				•	.21	4.73
Eagles Mere[2]	Sullivan			.10		T.	.68	.14			T.		.02	.20		.02			.17	.50	T.	.02	.09			1.07			T.		.17	3.18
Emporium[2], 1 E	Cameron																																
Galeton	Potter			.04	T.		.37	.03			.03	T.	T.	.16			T.		.51	.07	T.				.34	T.			.03	.11	.02	1.71
Karthaus[2]	Clearfield			.09			.30	.21			.04	T.		.24		.06			.33	.19	.05	.12	T.			.46	T.		T.		.05	2.14
Lock Haven[2]	Clinton			.07			.63	.08			T.	T.		.18		T.			.16	.35	T.	.09	.02			.90	T.		T.			2.48
Medix Run[1, 5]	Elk			.05			.43	.02		.05	.04		.13	.06	.01	.06		.01	.36	.03	.02	.13			70							
Philipsburg[1], 7 E	Centre	T.		.12	T.	.01	.56	T.		.04	.01	T.	.25	.13	T.	T	T.	T.	.55	.02	.01	.20	T.	T	.44	.02	.02	T.	.04	.04	.13	2.59
Renovo[2]	Clinton			.06	.03		.54	.06						.18		.05			.20	.32	T.	.04				.88			T.		.05	2.41
State College[1, 5]	Centre	T.	T.	.04	T.	.05	.58	T.		T.	T.	T.	.17	.05	.01			T.	.40	T.	T.	.13			.78	T.	T.	.03	T.	T.	.05	2.29
Tamarack[2], 2 S	Clinton	T.		.07	.03		.53	.02	T.		T.	T.	T.	.20	.01	.05			.18	.48	.03	.14	.03			.31	.03	T.	.03	T.	.02	.16	2.16
Tyrone[1, 5], 4 NE	Blair			.07		.05	.58	.01		.01			.20	.07					.28		.02	.17			.48	.02				.05	.03	1.99
Wellsboro[2]	Tioga	T.	T.	.01			.31	.18			T.		T.	.11	T.				.10	.32	T.	.09	T			.45			.02		.01	1.60

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Williamsport Apt.[1] 4 E	Lycoming			.04	T.	T.	.78	.02			T.	T.		.07	.03		T.			.74	T.	T.	.08			.69	T.	T.	T.	.04	T.	.12	2.61
Williamsport[2]	Lycoming			.07			.70	.17				T.			.20		.02			.16	.50		.05				.85			.02		.10	2.84
Williamsport[2], 4 SE	Lycoming			.08	T.		.80	.11				1.			.12	T.				.20	.52		.05	.02		1.11	T.		.04			3.05
JUNIATA																																	
Altoona, 4.5 W	Blair			.10	.03		.60				.02	.02		.06	.28				T.	.34	.04		.10			.55	.02					.23	2.39
Breezewood[1], 0.5 E	Bedford			T.		.47	.19				T.	T.		.06	T.				.33	.08	T.		.03			.70			.06		T.	.17	2.04
Buffalo Mills[2]	Bedford				.15		.37	.05							.28		.03			.17	.08		.09			.32	.38					.09	2.01
Burnt Cabins[1], 2 NE	Fulton			.02		.44	.61				.05			.09	T.				.05	.23					1.05			.04			.18	2.76
East Waterford[2], 3 E	Juniata	T.	T	.03	T.	T.	.94	.03				.03	T.	T.	.24	.05	T.	T.	T.	.21	.23	.01	.18	.03	T	.04	1.14	T.	T.	.03	T.	.01	3.15
Everett[2], 0.5 SW	Bedford			.08			.40	.18				T.	T.		.21	T.		T.		.17	.07		.12	T		.01	.78	T.	T.	.04		.04	1.85
Huntingdon[2]	Huntingdon			T.	T.		.58	.27				.10			.06		.03			.18	.08		.06	.01		.09	.42		.03	.07		.03	2.29
Lewistown[2], 1 W	Mifflin			.07			.65	.20				.03	T.		.19					.13	.12	.02	.13	.05		.11	.50	T.	.01	.07		.02	2.27
Mapleton Depot[2]	Huntingdon		*	.03	T	.22	.24				.01	.01	T.	.14	.04	T.	T.	T.	.08	.23	T.	T.	.11		T.	.82	T.	T.	.03	.02	T.	.12	2.19
Martinsburg[1]	Blair			.02			.68	.05				T.	T.		.28	T.				.23	.16	T.	.15	T.		.70	.01	T	.07		T.	2.05
McConnellstown[2] 4NW	Huntingdon		*	*	.03	T.	.62	.04		*	*	*	*	*	*	*	*	*	.25	.35		.07	.05		*	*	*	*	.62	.01	.03	.10	2.29
Neffs Mills[1, 5], 3.5 NE	Huntingdon							.70			T			T.	.20		T.		T.	.47	T.	T.	.15			.73	.28		T.	.21	.03	.20	2.18
New Bloomfield	Perry			.08			.85					T			.13					.13	.31		.07	.03		T.	.93		T.	.08	.05	.13	3 20
Newport[2]	Perry			.06			.74	.07							.13		T.			.19	.12		.11			.18	.70		.04	.09		.04	2.73
Saxton[2], 1 W	Bedford			.08			.53	.30				.05			.15					.19			.05			.90			.03		.20	$2.58
Shade Gap[1, 5], 0.5 SW	Huntingdon			.03		.06	.76				.04			.14	.04				.04	.29												2.58
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams			.06			.85	.05				08			.22					.30	.25		.04	.03		.10	.98	T.	.04	.09		.22	3.31
Bloserville, 1.5 N	Cumberland			.10			.90	T.			.08				.28				T.	.68			.10			1.02	.10		T.	.10	T.	.18	3.54
Carlisle	Cumberland			.08	T.	T	.93	.01			.15			T.	.18	T.	T.		T.	.74	T.	T.	.14			.87	.09		T.	.18	T.	.25	3.62
Columbia	Lancaster			.03		.02	.99	.04			.28				.28					.54			.04			.78			T.	.35	.25	.30	3.90
Dauphin[2], 3 N	Dauphin			.06			.78	.18				.12			.12		T.			.20	.37	T.	.05	T		T.	.67		*	*	*	*	2.55
Ephrata	Lancaster			T.	T.	T.	.96	T.			.26				.15					.56	.02		.08			.75	.22		T.	.35	.27	.40	4.02
Glen Rock[1, 5]	York					.55	.45				.20			.09	.06					.43						1.19	.01		.08	.06	.30	.38	3.80
Gordon	Schuylkill			.36			1.15				.05				.15		.05			.50						.84	.64			.14	.09	.26	4.23
Grantville, 2 SW	Dauphin			.07			.91	.02			.06				.19					.55	.03	.11				.84	.54		.01	.28	13	.29	4.03
Hanover[2]	York			.04	T.		1.11	.03			T.	.30			.15		T.		.06	.35	.15		T.	T.		.20	.54	T.	.04	.17	.02	.32	3.42
Harrisburg Apt[1, 5], 3.5 S	Dauphin			.06	T.	.09	.75				.09			.05	.03		T.		.06	.56	T.	.01	.10			1.01	T.		.04	.06	.07	.34	3.32
Holtwood[2]	Lancaster			T.	T.		.99	T				.12			.12					.30	.15	T	.05	T.		.04	1.00		T	.13	.14	.31	3.35
Huntsdale[2]	Cumberland			T			1.07	.09				.10			.11	.01				.28	.20		.03	.02		*	1.08		.01	.08	.03	.07	3.18
Kirkwood[1, 5], 1 SW	Lancaster					.13	.59				.09				.17		T.			.30						1.43			.10	.29	.29	.36	3.75
Lancaster	Lancaster			T.	T.	T.	.96	.02			.25				.11		.01			.47	.05	T.	.10			.64	.36		.01	.50	.10	.51	4.08
Lebanon[2]	Lebanon	T.		.04	T		.85	T.				.09			.12		.01			.30	.25	T	.09	.01		T.	1.07		T.	.20	.01	.35	3.39
Middletown[1], 1.5 W	Dauphin			.06	T.	.23	.77				.30			.06	.07		T.		.04	.38	T.	T.	.10			1 01	.01		.03	.02	.15	.36	3.59
Millersburg[1, 5], 2 E	Dauphin			.05		.04	.83				.02			.05	.02					.40			.07			.64				.04	.02	.24	2.42
Milroy[2]	Mifflin			.02			.68	.06				T.	T.		.24		T.			.22	.30		.08	.02			.65	T.	T.	T.			$2.27
Newburg[1], 3.5 NW	Cumberland			.04		.11	.73				.05			16	T.		T.		.14	.32		T.	.05			1 07		T.	.15	T.		T.	2.82
New Park	York					.75	.32	.06			.07				.07					.52						1.43	.26		.03	.15	.05	1.04	4 75
Pine Grove[2], 1.5 NE	Schuylkill			.09			.91	T.				.02			.28	T.	T.			.19	.23	T	*	.03			1.20		T.	*	*	.40	3.35
Ringtown[2], 1.5 SW	Schuylkill																																
Selinsgrove	Snyder			.05			1.02	.06			.03	.05			.15					.50	.15		.19			.83				.07	.07	.21	3.38
Shamokin[2]	N'umberland			.05			1.04	.02				.02			.14		.02				.50			.07			.61				.21		2.68
Shippensburg	Cumberland			.10			.96	.03			.18				.22					.45	T.		.06			.90	T	T.	.02	.20	.10	.35	3.53
Sunbury[2]	N'umberland			.10			.74	.17				.05	.04		.22	T.				.30	.45	T.	.08	.02		T.	1.03			.03		.12	3.35
Williamstown[2]	Dauphin			T.			1.18	.05				.15			.08					.16	.20		*	*			1.15		T	.05	.03	.18	$3.22
Woodward[1, 2] NE	Centre	T.		.04	T.	.06	.56	T.			T.	T.	T.	.10	.02	T.	.01		T.	.44	.01	T.	.13	T.		.71	T.	T.	T.	.02	.01	.05	2.16
York, 3 SW	York			.06			1.16	.02			.27				.11					.43	T.	T.	T.			.53	.06		.02	.22	.23	.39	3.50
York Haven[2]	York			.04			.93	.03				.12			.06		T			.29	.20		.04	T.		T.	.70		T.	.15	T.	.31	2.87
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin			.09		.30	.65				.09	T.		.12	.06		.01		.04	.43			.06			1.27	T.		.10	.12	T.	.25	3.59
Gettysburg	Adams					T.	.92				.10				.22					.62			.01			1.17	.13		.04	.15	.10	.26	3.72
Hewitt, 2 SW	Bedford			.08			.08	.65						.03	*					.37	.02				T.	.47			.03	*		.22	$1.95
Hyndman[2]	Bedford			T.	T.		.55	T.				T.	T		.20	T.	T.			.21	.10	T	.05	T.		.17	.39		.08	T.		T	1.75
McConnellsburg[2]	Fulton			T.			1.30	T.				T.			.19					.22	T.		T.			.24	.88					.17	3.00
Mercersburg[2]	Franklin			.10			1.31	.04				.06			.21		T.			.29	.02		.03	T		.38	.84		.04	.13		.19	3.64
South Mt. San't'm[2]	Franklin			.04	T.		1.11	.06				.23			.27					.35	.21		.03	.03		.15	.58		.03	.10	.03	.10	3.32
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny			.14	T.		.16	.01				.09	.01		.38	.03	T.			.09	.19	.01	.09	.03		.25	.52	.08	T.	T.	.06	.01	2.10
Allens Mills[1, 5]	Jefferson			.05		.02	.34				.02	.09		.21	.05	.05	.03			.43			*	*	.17	.86	.05				.04	.06	$2.47
Blairsville[1], 6 NE	Indiana		.01	.10	.02	.07	.23	T.			.03	.04	.03	.15	.13	.01	.04	T.	.01	.27	.06	.10	.20		T.	.26	.25	.03	.02	T.	.05	.11	2.22
Boswell[2], 6 NW	Somerset	.03		.06	.17		.33					.08	.06	.05	.36	.04	.02			.20	.26	.06	.03	.12		.02	.42	.05	.05			.22	2.63
Bradford, 4 W	McKean			T.	T		T.	T			.20	.30	.10	.02	.28					.30	.01	.28	.05	T.		.30	.10	T.			.05	.20	2.19
Brookville[1], 1.5 SW	Jefferson		T.	.07	.01	T.	.33	T			.02	.05	.01	.14	.14	.04	.03		T.	.29	.03	.02	.13		T.	.54	.07	.02		T.	.04	.05	2.03
Buckstown[1, 5]	Somerset			.08		.02	.42							.12	.02		.04		.05	.14		.01	.09			.41	.02		.08			.01	.16	$1.67
Clarion[2], 3 SW	Clarion			.05			.29	.06				.02	T.	T.	.22	T.	.02			.07	.29	.03	.13	T.		.26	.67	.03	T.			.03	.02	2.19
Corry	Erie	.03		.04	T.		.27	.01			.05	.17	.02	.01	.22	T.	T.			.20	.03	.12	.04			.42	.02	.06				.58	.03	2.32
Coudersport	Potter			.36	.16		.51	.05			.05	.04	T		.31					.66	.15		*			.56							2.85
Derry	W'moreland			.06			*	.35			.03	.03	T.	.13	.17		T.		T.	.23	.05		.20			.20	.10	T.				.27	1.82
Donegal[1]	W'moreland		.02	.07	.01	.01	.08	.02			.03	.19	.03	.22	.03		.02			.17	.05	.02	.12			.10	.05	.02	.06		.04	.08	1.33
Dunlo[1, 5], 0.5 SW	Cambria			.08	.44	.01		.03			.02	.08	.04	.11	.05		.06	.02		.17	.05	.02	.12			.58	.08	.02		.03	.03	.13	$2.10
Ebensburg[2]	Cambria			.11			.29					.09	.05		.39	.05	.09	.02		.35	.21	.06	.03	.03		.28	.11	.01		T.		.18	2 51
Ford City[2], 4 S	Armstrong						.03	.02				.15	.02	T	.22		T.			.08	.20	T.	.07	.03		.22	.36	.02	.02		T.	T.	1.70
Franklin[2]	Venango	T.					.29	.02			T.	.04	T.	T.	.21	T.		T.	T.	.25	.32	.10	.10			T	.52	T.	.01	T.	.10	T.	1.65
Glen Hazel[2], 1 NE	Elk	T.		T.	.14	.02	.29	.02			T.	.04	T.	T.	.21	T.		T.	T.	.24	.14	.08	.12	T.		T	.39	.05		T.	T.	T.	1.99
Homer[1, 5]	Indiana		.01	.07		.01	.38					.06	.03	.10	.06	.02				.21	.03	.03	.14	.02	.02	.50	.04		.02		.01	23	1.99
Indiana	Indiana			.06	T.	T	.35	.03			.03	.08	T.	T.	.31	T	.05		T.	.29	.13	.04	.19			.47	.08					.16	2.27
Johnstown[2], 0.5 W	Cambria	T.		.05	03	T.	.37					.05	.05	T.	.39	T.		.04		.27	.42	.08	.20	.05		.67	.06	T.			.23	.05	2 52
Kane[1], 1 N	McKean			.07	.01		.37	.01			.02	.07	.01	.21	.05	.01	.03			.47	.07	.03	.08			.76	.23	.14	.03	T.	.10	.26	4.11
Kregar[1], 4.5 SE	W'moreland	T.	T.	.31	T.	.28	.42	T.			.17	.62	.05	.07	.04	.09	.05	T.	.22	.46	.17	T.	.14	T.	T.	.26	.23	.14	.03	T.	.10	.26	8 28
Lycippus, 1.5 E	W'moreland			.19	T	*	.35	.03			.08	.12	.10	.06	.30	.04	.06		T.	.30	.34	.13	.40	T.	*	.28	.02	.03	.06		.03	.36	8.28
Marienville[1, 5]	Forest			*	*	*	.43				.07	.07		*	*	*	.31			.40	.06	.03	*	*		*	*	*					$2.62
Meadville[2], 1 S	Crawford	T.		T.	.02		.19	.03				.05	.09	T.	.22	T.	.03			.12	.17	.06	.12	.01		.24	.26	.06	.02		T.	.07	2.92
Mosgrove[2]	Armstrong			.12	T	T.	.20	.11				.15	.12	.02	39	T.	.07			.10	.44	.06	.12	.04		.06	.75	.10	T.				1.83
Parkers Landing[2]	Armstrong			T.			.21					.05		T.	.30		.05			.06	.10	.03	.09			.14	.76	.04				.02	2.12
Pittsburgh City Off[1, 5]	Allegheny		.07	.03	T.	.11	.08	T.			.01	.01	T.	.43	.06	.05			.06	.24	.03	.01	.10		.01	.73	.01		.02		.02	.04	2.12
Port Allegany[2]	McKean	T.		T	.02	T.	T.	.09	T.		T.	.01	.01	T	.23	T.	.07			.13	.34	.08	.08	T.	T.	T	.66	.08					.05	1.77
Punxsutawney[2]	Jefferson			.10	T.	T.	.30	.01				.01		T	.23	T.	.07			.08	.18	.02	.16	T.		.10	.76	.05	T.			.02	2.10

Continued on page 93.

Daily Precipitation for December 1945—Continued from page 92

Stations	Counties	Day of month																											Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Putneyville[2], 2.5 SE	Armstrong	T.		.13	T.	.01	.39	.04				.07	.03	.01	.25	T.	.05	T.		.15	.20	.03	.11	.01		.11	.73	.01			.03	.06	2.45
Ridgway[2]	Elk	.01		.02	.02	T	.35	.03	T.			.08	.08		.20	T.	.03			.10	.22	.06	.14			T.	.70	.09	.01		T.	.04	2.18
Saltsburg[2]	Indiana	T.		.08		T.	.24	.02				.05	.01	T.	.75	.01	.02	T.		.12	.23	1	1	T.		.34	.10	T	.03		.02	.01	2.16
Seward[2]	W'moreland						.18					.16	.08		.52		.04			.13	.46	.08	.14	.22		.18	.22	.08				.08	2.57
Sheffield[1, 5], 6 W	Warren	.19	.02	.02	.04		.41				.08	.09	.01	.19	.07	.02	.05		.08	.41		.05	.09			.58	.08		.03	.05	.18	.04	2.73
Smethport[1, 5], 1 SW	McKean			.05			.29					.07		.19	.01		.02			.53	.03	.04	.11			.57	.03			•	•	.12	§2.06
Strongstown[1, 5]	Indiana		.02	.07		.02	.33				.01	.04		.14	.06	.01	.01			.26	.02	.01	15			.64	.05				.04	.08	1.96
Tionesta[2], 1.5 SE	Forest			T.	T.	T.	.25	.08	T.			.03	.02	T.	.19		.01			.13	.25	.08	.09			.09	.71	.04	.02		.03	.07	2.09
Titusville, 2 S	Crawford			.01	T.		.30				.02	.09	.02		.25	.02	T.	T.	T.	.32	.06	.11	.04			.55	.09	.03			.08	.09	2.08
Union City[1, 5]	Erie	.02	.05				.28				.07	.02	.03	.15	.02		.02			•	•	•	.45			.35	.01	.03	.03		15	.18	§1.86
Vandergrift[1]	W'moreland			.09			.24				•	•	•	.45	•	15				.27		T.	.10		.01	.55	•	•	•			.15	§2.01
Warren[2]	Warren				.05	.04	.24	.13				.09	.05	T.	.21	.05	.02	T.	T.	.18	.29	.07	.11	T.	T.	T	.83	.02	T.	T.	T	.39	2.77
Youngsville[1, 5]	Warren	.02					.29	.04			.02	.08		.16	.08	.06				.45	.05	.17	.08			.58	.02	.03	.03		.05	.05	2.26
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.02		.10	T		.35	.11				T	.01	T.	.38	T.	.07			.21	.27	T	.06	.01		.11	.25	T.	.08	T		.08	2.11
Connellsville[2]	Fayette			.08	T.		T.	.24	T			T.	.03		.31					.07	.15		T.		.04	.06	.26	T.	.10	T.		T.	1.34
Donora[1]	Washington		.02	.08	T.	.07	.19	T.			T	T.	T	T	.38	T.	T.	.01	T.	.20	.06	T.	.07	T.	.06	.25	T.		.06		T.	.22	1.67
Greensboro[2]	Greene	T.		.11			.59	T.				.04	T		.20		T.			.14	.10	1	1.	T.	T.	.16	.44	.01	.14	T.	T	.11	2.04
Greensburg, 2 S	W'moreland			.01	T.		.02				.02	.02	.02	.10	.38		.04		T.	.21	.05	T.	.10			.40	.04	T.	.04			.08	1.53
Irwin	W'moreland			.11	T.		.32	.01			.01	.02	.05	.07	.40	.01	.02		T.	.25	.08	1	.12			.28	.05	T.	.05		T.	.19	2.04
Meyersdale[2]	Somerset			.08			.47					.05	.01		.25		.02			.24	.21	.08	.06	T.		.02	.24	.01	.02	T.		T.	1.76
Murrysville // [1, 5]	W'moreland		.06	.07		.09	.16					.02		.44	.03				.01	.29		.01									.13	§§
Newell[7]	Fayette			.15	.05		.26	.05			T.		T.		.46					.40	.08		.08			.20	.20		.20			.15	§2.26
Pittsburgh Arpt. // [1, 5]	Allegheny	T.	.05	.04	T.	.04	.05	T.			.06	.03	.02	.53	.08	.09	.05	T	.03	.35	.10	.02	.10	.01	.03	.42	.04	.01	.04		.03	.19	2.41
Rices Landing[2]	Greene			.12	T.		.58					.02	.01		.21		.04			.03	.16	01		.01		.14	.36	.02	.10	T.	.01	T.	1.82
Somerset	Somerset	T		.05	T.		.40	.03			.01	.07	.06	.12	.22		.04		T.	.31	.11	.02	.11			.39	.03	T.	.02			.13	2.12
Springs[6], 1 SW	Somerset	T.		.04	T.	.22	.40	T.			.08	.03	.06	.13	.19	T	.05		.05	.40	.08	.02	.13	T.	T.	.37	.07	T.	.08	.02		.21	2.63
Uniontown	Fayette			T.	.13	.02	.43	.03			T.		.02	.05	.20		T.		.05	.10	.11		T.		T.	.30	.01		.28			.28	2.01
Waynesburg	Greene					.04	.41				.33			.03	.18				.03	.18	.04					.68	.03					.16	2.11
BEAVER																																	
Beaver Falls[2]	Beaver	T.		.03	.02	T.	.09	.08				.03	T.	T.	.35	T.	.02			.10	.23	T.	.10	.05		.21	.19	.05	T.	T.	.02	.05	1.62
Butler	Butler						.21				.02	.08	T		.35					.29	.02		.06			.88		.04				T.	§1.95
Farrell[2]	Mercer					.20						.12	.02			.30				.12	.17		.18			•	.65	.04		T.		.23	2.03
Greenville	Mercer			T.	.01		.16				.02	.11		.06	.16		T			.28	.01	.03	.13	T.		.35	.03				.14	.01	1.50
Jamestown[2], 2 NW	Mercer			.01	.01		.20					.06	T.	T.	.15		T.			.08	.10	06	.11			.17	.30	.01	T.	T.	.06	.07	1.39
Mercer Arpt.[1], 2.5 NE	Mercer		T.	T.	.01		.15	T.			.05	.09	T.	.18	.04	.02	T.		T.	.35	.03	.05	.09	T.	T.	.55	.07	.01	T.		.10	.03	1.82
New Castle, 1.5 N	Lawrence			.02	.01		.23	T.			.26	.08	.01	.03	.27		.03	T.		.28	.06	.01	.15	.01		.62	.02				.05	T.	2.14
Penuline, [2], 1 S	Crawford	T		T.	.04		.12					.01	.08	T.	.23	T.	T.			.07	.15	.07	.12	.02		.18	.31	.04	.02		.09	.12	1.67
OHIO																																	
Claysville[2]	Washington			06			.38					T.	T.		.30		.03			.13	.14		T.	T.		.35	.46	.04	.04	.02		.05	2.00
Coraopolis[2], 1 E	Allegheny			.12	T.		.10	.15					T.	T.	.22	T.	.03	T.		.03	.15	T.	.06	T.		.30	.54	.02	01	T.	T.	.01	1.74
Midland[2]	Beaver			.05	T	T.	.17	.01				.01	T		.29		.02			.08	17	T.	.08	.02		.38	.42	.02	T.		.03	.05	1.80
Mt. Lebanon[6]	Allegheny		T.	.12	T.	T.	.29				.04	.02	T.	.25	.08		.05		T.	.18	.05		.10		T.	.55	.05		.05		T.	.12	1.95
Washington[1, 5]	Washington		05	.01		.08	.27							.28		.02				13		.02	.03			.76	.05		.04			.07	1.81
LAKE DRAINAGE																																	
Albion[2]	Erie	*		•	.20		.08	.04				•	•	•	•	•	.35	.04	.02	.12	21	.11	.19	.05		.01	.23	.06			.08	.18	2.03
Erie[1, 5]	Erie			.07	T		.11	T.			.08	.03	.01	.13	.26	.09	.06	.06	.04	.37	.18	.02	.07	.02	T.	.24	.03	T.	T.	T.	.09	.01	1.97
Raymond[1, 5]	Potter	.20	.02	.05		•	•					.47	.03		.11					.02			.26	.03		.10	.07		.64	.02			.06	§2.08

[See page 96 for explanation of reference marks.]

Daily Temperatures for December 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	39	40	39	38	41	42	42	48	47	28	27	28	28	25	10	17	28	18	21	24	20	24	18	18	38	32	31	30	43	42	34	31.0
	Minimum	28	18	23	31	17	20	32	28	37	25	21	18	20	12	− 5	− 4	7	10	10	14	12	12	8	0	18	8	26	15	14	13	23	16.5
Allentown Arpt.[1-4 NE	Maximum	36	43	37	41	31	39	47	53	48	35	29	27	29	32	31	19	20	24	19	28	23	22	22	36	44	40	36	34	36	39	37	33.3
	Minimum	24	18	28	26	24	30	39	29	24	26	15	12	11	22	11	8	7	5	15	10	7	10	4	9	14	33	23	23	30	31	31	19.3
Allentown/	Maximum	38	42	39	41	35	42	47	54	49	38	36	29	30	85	33	23	22	26	21	26	27	23	25	32	45	40	38	36	36	40	39	35.1
	Minimum	25	19	20	32	25	25	32	38	25	25	25	15	13	14	28	12	7	2	4	11	14	12	7	8	8	18	32	26	29	31	33	19.7
Altoona-4.5 W	Maximum	36	39	38	39	31	34	36	43	55	46	24	23	25	28	25	18	16	22	21	23	22	21	20	24	32	36	30	31	35	38	37	30.6
	Minimum	25	17	31	22	21	27	32	31	28	23	19	13	10	13	16	− 2	4	6	16	10	10	11	0	0	21	27	25	20	28	29	25	18.0
Arendtsville[6]	Maximum	44	42	42	40	36	38	46	54	53	44	32	29	30	34	32	24	25	30	22	28	27	25	28	31	38	40	40	32	43	35	37	35.5
	Minimum	29	22	32	32	27	30	30	32	28	29	28	18	17	20	11	9	8	4	10	7	10	10	2	2	21	32	27	22	30	23	33	20.3
Berwick	Maximum	37	33	37	39	35	41	43	49	49	43	32	29	30	29	30	24	24	22	25	25	25	26	24	25	40	45	36	36	36	39	39	33.8
	Minimum	26	17	27	34	23	30	37	34	24	27	23	13	16	22	23	9	4	4	15	9	6	3	− 3	− 7	16	33	31	21	31	29	33	19.7
Bethlehem[1]	Maximum	36	43	38	39	29	38	44	52	48	39	30	27	29	32	30	24	20	24	21	23	24	23	36	44	44	44	36	35	34	38	38	34.3
	Minimum	24	20	31	29	25	29	34	36	29	28	18	16	18	22	20	9	9	13	16	16	17	17	19	21	20	29	36	38	30	35	37	22.6
Bradford-4 W	Maximum	36	32	36	36	33	37	35	45	47	43	23	21	31	25	25	23	13	19	17	19	19	21	20	29	36	38	30	35	37	40	39	30.3
	Minimum	19	− 2	26	23	16	18	32	28	22	22	17	9	15	18	17	− 5	0	− 3	− 2	3	10	11	−12	−17	26	26	23	17	30	28	21	14.1
Brookville[1]	Maximum	36	38	39	36	32	36	37	43	49	28	23	22	26	25	25	18	14	15	22	18	19	22	22	30	38	36	30	36	43	44	35	30.2
	Minimum	19	12	33	22	18	30	32	25	23	23	16	15	11	20	16	− 4	2	−14	14	9	9	− 2	−17	−11	28	26	25	25	32	33	22	15.9
Burnt Cabins[1-2 NE	Maximum	40	44	42	40	29	33	44	50	56	42	28	28	29	34	32	22	22	30	24	27	22	34	22	35	33	35	35	35	41	37	35	34.2
	Minimum	25	16	34	27	22	29	29	25	24	27	18	14	14	22	10	6	8	6	12	11	15	10	1	− 4	24	30	18	22	24	23	28	18.3
Butler	Maximum	37	42	42	42	39	36	39	43	52	49	23	23	26	28	28	25	15	17	26	27	20	22	20	27	40	40	32	36	42	47	47	33.8
	Minimum	29	30	31	32	22	30	30	32	32	26	17	11	5	23	16	− 3	2	−12	13	15	9	14	− 7	− 2	34	30	26	27	36	30	27	19.5
Canton/-1 NW	Maximum	29	32	36	35	31	36	38	47	47	29	25	22	25	28	28	9	17	20	15	21	21	18	17	24	41	33	32	34	36	36	30	28.9
	Minimum	21	7	10	29	15	17	29	31	32	25	17	4	5	12	17	4	− 1	− 2	3	10	6	3	5	1	5	21	24	18	24	28	30	14.5
Carlisle	Maximum	42	40	40	40	36	39	47	52	46	42	33	31	32	32	30	20	24	28	23	28	27	25	25	28	35	37	39	33	38	38	38	34.5
	Minimum	30	21	30	35	26	32	36	31	25	30	27	18	18	22	18	11	8	6	16	13	15	13	− 5	3	20	31	32	22	32	29	34	21.9
Chambersburg[6-1 SW	Maximum	43	42	43	42	31	37	45	50	54	47	30	28	30	32	32	22	24	32	22	27	24	29	27	29	33	38	37	33	38	37	37	34.7
	Minimum	28	20	31	28	26	30	32	28	25	28	24	19	15	21	10	10	10	5	13	11	14	11	4	− 4	22	32	21	23	28	23	30	19.9
Clarion[6-3 SW	Maximum	40	48	41	40	35	37	40	46	52	42	28	26	26	28	28	19	6	19	24	23	21	25	23	30	35	37	31	37	42	47	43	32.9
	Minimum	24	13	32	29	17	19	31	31	22	25	18	15	11	19	13	− 5	0	−12	10	6	9	11	−17	9	27	26	25	20	30	27	24	16.4
Claysville/	Maximum	37	41	41	38	31	34	34	50	51	26	25	26	29	28	29	11	20	25	28	20	22	24	17	35	46	31	34	41	49	50	33	32.5
	Minimum	29	18	20	33	22	22	30	30	29	24	17	17	14	16	17	− 2	− 2	− 3	0	13	4	1	− 4	0	8	31	25	20	30	31	32	16.8
Coalport/	Maximum	29	40	40	37	32	34	35	52	31	24	22	28	29	29	26	8	6	23	24	21	21	23	21	33	38	35	32	37	40	40	41	30.0
	Minimum	14	12	25	32	17	21	31	31	24	19	14	5	6	7	19	− 4	− 3	− 5	− 4	10	9	9	−18	−17	8	26	25	22	25	30	17	12.6
Coatesville[6]	Maximum	36	44	44	41	33	40	45	49	54	42	33	28	33	35	32	24	22	29	24	25	25	26	23	33	44	44	37	35	37	38	39	35.3
	Minimum	26	21	29	33	26	32	38	34	28	29	24	13	16	22	20	11	8	5	12	16	13	15	9	8	18	34	27	25	32	27	33	22.1
Columbia	Maximum	40	44	44	41	36	38	46	54	53	45	34	32	34	37	33	24	24	28	25	31	28	28	27	33	42	43	39	34	38	37	39	36.5
	Minimum	29	23	35	36	27	30	37	34	25	29	27	11	17	17	11	11	12	2	17	12	14	14	9	10	21	32	27	24	31	26	33	22.0
Corry	Maximum	34	36	38	34	32	38	44	42	45	39	24	22	28	25	24	18	14	16	17	20	21	21	17	32	36	36	30	34	39	42	39	30.2
	Minimum	23	11	34	28	16	22	32	32	31	23	17	15	17	19	16	− 6	1	4	− 4	− 1	11	4	− 4	−21	28	26	25	13	33	34	22	16.2
Coudersport	Maximum	32	34	37	36	32	38	38	46	49	47	34	23	25	26	24	14	10	20	19	23	21	20	18	38	36	38	30	35	38	40	38	30.9
	Minimum	21	−11	26	21	6	22	22	22	20	22	11	1	11	18	13	− 4	0	− 8	3	13	10	5	1	−15	25	24	19	19	30	31	24	13.0
Curwensville[1-6 NW	Maximum	33	34	35	33	31	33	32	38	46	26	21	23	21	23	23	15	12	17	17	12	17	20	17	24	33	33	30	33	39	37	34	27.2
	Minimum	14	11	30	15	16	26	29	28	26	19	11	4	4	15	10	− 8	− 3	− 5	9	5	5	5	− 2	1	19	21	18	18	26	30	18	13.4
Derry	Maximum	38	45	45	41	36	39	35	50	51	41	25	25	28	32	28	27	20	22	27	19	22	20	16	39	41	43	31	43	44	46	43	34.3
	Minimum	28	18	38	31	22	29	33	32	36	24	19	13	10	22	20	− 1	3	− 2	16	14	9	12	−14	− 8	31	28	25	19	35	34	22	19.3
Donegal[1]	Maximum	28	42	39	35	32	35	32	47	50	30	20	24	30	25	18	16	23	27	25	18	21	19	33	40	34	28	42	42	46	35	30	30.8
	Minimum	16	10	30	25	24	24	28	24	22	20	14	10	6	20	10	− 4	− 1	0	15	10	5	11	− 6	− 5	24	22	14	16	28	30	22	15.0
Donora[1]	Maximum	37	46	44	40	34	39	40	52	53	34	25	25	28	32	31	20	22	22	32	21	22	26	20	39	45	40	34	45	48	53	42	35.2
	Minimum	32	25	36	29	25	31	35	35	33	25	21	17	21	25	20	2	10	4	21	16	11	19	7	7	35	30	29	30	35	39	32	28.8
Eagles Mere/	Maximum	30	32	34	32	33	36	35	46	42	39	30	29	24	25	25	8	13	17	15	21	19	15	31	31	42	34	32	30	38	36	34	29.3
	Minimum	16	13	25	26	15	17	31	28	28	24	15	4	7	12	16	2	− 4	− 3	− 2	5	5	6	3	2	4	21	24	18	22	22	30	13.9
East Waterford[6-3 E	Maximum	33	35	37	36	27	33	35	43	51	43	22	21	23	25	25	20	17	24	17	19	18	21	17	31	34	37	31	26	32	35	36	29.2
	Minimum	22	22	30	25	19	26	29	28	36	22	17	11	14	15	17	1	3	8	12	9	8	12	2	6	18	25	23	21	26	30	23	18.1
Ebensburg/	Maximum	32	37	37	34	31	33	31	44	49	23	18	19	25	25	24	6	13	18	23	14	17	28	24	30	35	27	33	39	41	40	29	28.4
	Minimum	20	12	25	28	17	22	29	27	30	21	15	10	13	16	16	− 1	− 3	− 1	5	9	6	6	− 5	− 2	21	24	20	20	28	31	29	15.7
Emporium/-1 E.	Maximum																																
	Minimum																																
Ephrata	Maximum	39	43	42	41	36	38	44	51	51	45	33	32	31	36	32	24	22	26	25	27	26	25	26	29	44	44	37	35	38	38	39	35.5
	Minimum	27	22	31	35	27	32	38	33	28	30	26	13	15	21	24	14	8	2	17	16	17	14	10	8	22	35	31	25	32	26	35	23.0
Erie[1]	Maximum	38	43	42	37	37	42	41	50	47	32	28	26	31	28	27	15	15	20	22	22	23	23	18	34	40	33	31	38	44	44	34	32.4
	Minimum	27	25	35	28	24	32	35	33	32	27	21	19	22	24	15	1	7	12	14	15	17	15	12	7	33	29	28	26	36	34	21	22.8
Everett[1-0.5 SW	Maximum	35	44	45	40	32	36	44	34	59	46	28	27	29	32	33	22	25	32	29	28	21	41	25	31	34	38	34	34	40	38	37	34.6
	Minimum	27	18	33	27	25	30	31	24	21	23	19	18	17	23	6	4	6	3	20	15	13	12	− 2	− 6	23	30	22	23	26	26	27	18.8
Farrell	Maximum	39	40	41	39	35	37	39	49	49	45	28	24	26	27	27	22	14	15	22	21	20	22	18	30	38	38	32	37	43	44	41	32.3
	Minimum	24	22	38	23	31	32	33	31	31	26	12	13	15	24	13	− 5	0	−10	14	13	7	13	− 7	− 4	30	30	29	23	33	37	24	19.2
Ford City/-4 S	Maximum	39	42	43	42	33	37	37	48	51	29	25	26	29	29	31	11	18	24	29	20	25	23	22	35	40	33	36	39	45	49	33	33.0
	Minimum	27	16	22	32	21	24	32	33	20	26	19	13	10	10	10	− 8	− 1	−10	− 9	14	9	9	−19	−17	− 8	31	25	25	28	31	32	14.4
Franklin/	Maximum	41	41	41	40	35	38	40	47	52	29	26	26	27	28	25	8	16	18	23	20	23	20	23	34	37	32	33	37	42	45	31	31.5
	Minimum	29	16	16	32	19	20	33	33	27	26	20	16	15	16	18	− 4	− 4	1	− 1	12	12	12	3	− 3	1	30	27	19	19	32	30	16.8
Fredericksville-1 S	Maximum	33	43	37	38	35	33	42	51	52	50	31	26	28	31	30	26	20	24	21	25	25	25	25	37	40	44	35	34	36	36	38	33.9
	Minimum	23	18	25	32	23	24	29	35	26	29	22	10	5	20	20	11	5	0	14	13	14	7	7	10	10	35	29	20	30	29	34	19.4
Freeland	Maximum	28	28	36	40	37	37	37	44	52	50	49	39	29	24	24	25	25	37	18	18	19	19	30	34	40	41	30	29	31	32	35	32.5
	Minimum	21	18	26	25	26	31	31	30	33	22	13	6	10	15	17	2	1	2	7	3	7	9	14	3	14	22	24	20	24	24	26	17.0
George School[6]	Maximum	39	42	41	42	36	40	50	53	52	42	36	29	33	34	32	21	23	27	23	25	26	25	24	33	38	47	40	35	35	39	41	35.6
	Minimum	26	20	27	34	25	31	38	34	27	30	20	13	12	22	21	11	6	− 2	17	11	13	8	4	5	12	35	27	24	31	29	34	20.8
Gettysburg	Maximum	43	42	42	42	38	38	46	53	52	50	31	29	30	36	34	29	25	30	28	27	26	27	26	30	34	40	38	35	40	41	40	36.2
	Minimum	30	23	33	37	28	31	37	34	27	30	26	17	19	22	23	10	11	3	19	12	16	10	− 3	− 1	21	33	32	22	32	26	34	22.4
Gordon	Maximum	33	37	39	39	34	38	39	47	50	36	29	25	28	30	28	26	17	21	22	23	23	24	21	29	35	44	34	32	36	35	37	32.0
	Minimum	25	11	28	32	22	30	30	32	24	26	23	13	10	20	22	3	4	− 6	15	15	10	− 1	3	− 7	15	32	28	15	30	27	32	18.2
Greensburg-2 S	Maximum	38	42	43	40	43	39	36	50	52	45	26	25	23	31	28	23	20	20	30	27	21	23	19	38	45	44	32	28	25	22	32	29	27	31.0
	Minimum	26	15	36	32	23	30	33	33	20	24	20	− 2	8	22	6	0	3	15	17	5	11	11	− 7	12	32	28	25	22	32	29	27	24.0
Hanover/	Maximum	44	44	43	41	31	39	47	55	58	38	33	31	32	38	32	29	27	30	22	29	28	24	26	33	41	40	41	34	40	39	38	36.5
	Minimum	29	22	25	24	27	28	33	31	31	33	24	16	17	19	24	12	9	10	12	14	15	16	7	10	14	24	30	26	29	28	33	21.7
Harrisburg Arpt. [1-3.5 S	Maximum	40	41	41	40	34	41	46	52	47	45	31	29	32	33	31	24	24	27	23	27	26	27	24	28	42	41	38	33	40	39	38	35.0
	Minimum	31	21	34	31	28	33	38	31	27	29	22	19	19	22	14	10	10	5	16	17	16	16	12	12	21	33	28	27	28	26	31	22.8
Hawley-0.5 E	Maximum	35	39	40	38	32	37	39	50	53	47	29	24	29	28	31	25	19	24	20	24	23	23	23	16	26	45	46	32	36	34	35	37	32.7
	Minimum	20	5	21	31	14	24	34	35	20	25	19	10	10	19	16	6	2	4	8	8	− 2	3	5	4	15	28	18	17	28	23	33	16.2
Hewitt-2 SW	Maximum	43	41	43	39	30	34	38	43	61	54	44	40	37	34	29	25	31	28	28	25	29	30	35	32	38	39	38	35	42	36	41	36.8
	Minimum	29	15	30	25	23	29	30	31	20	25	22	12	12	18	17	0	8	3	20	15	14	12	− 8	− 7	23	30	22	25	30	20	25	18.4
Holtwood[1]	Maximum	39	46	42	41	36	43	45	53	50	41	33	30	33	37	32	37	26	32	25	28	28	30	25	32	46	42	38	35	38	39	39	36.8
	Minimum	31	30	36	33	30	36	39	34	33	31	26	21	20	26	19	13	10	10	19	17	17	14	10	15	26	34	28	28	29	29	33	25.1
Huntingdon	Maximum	41	40	41	42	33	37	45	51	51	44	33	29	30	32	32	32	22	25	22	26	26	28	25	29	33	38	36	33	40	39	35	34.5
	Minimum	26	16	31	24	21	25	35	31	23	28	26	17	13	20	25	6	8	0	15	7	12	12	− 8	− 6	21	32	30	25	31	31	29	19.5

Continued on page 95.

Daily Temperatures for December 1945—Continued from page 94.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	35	43	42	40	36	37	37	47	49	43	25	22	24	27	25	22	15	18	17	15	19	21	19	34	38	40	31	42	40	47	44	32.0
	Minimum	25	20	30	30	21	30	31	32	33	21	15	12	11	20	18	− 5	1	− 3	15	12	8	12	12	− 4	22	27	24	24	34	34	4	18.2
Irwin	Maximum	32	40	42	42	37	37	37	42	52	50	25	24	25	29	26	22	20	20	28	26	20	28	24	45	35	42	32	39	41	46	40	34.0
	Minimum	29	19	37	37	21	30	33	33	28	25	19	9	15	23	18	− 2	6	− 2	18	14	9	15	− 9	16	32	28	26	23	35	33	7	20.6
Jamestown/-2 NW	Maximum	45	46	43	38	38	40	44	48	51	32	24	27	29	30	26	28	18	20	23	20	22	26	22	35	40	34	35	40	44	43	36	33.6
	Minimum	28	17	22	31	18	20	32	25	30	25	19	9	12	13	15	10	− 2	3	− 2	12	10	10	− 6	− 6	4	29	26	18	8	31	27	15.9
Johnstown/	Maximum	36	44	43	39	36	38	38	53	55	29	24	25	31	31	30	13	21	25	29	23	23	23	21	33	39	34	32	43	47	46	36	33.5
	Minimum	28	24	32	35	25	28	34	33	27	28	20	17	17	18	22	2	8	6	8	22	12	13	3	− 4	2	24	22	23	28	34	34	20.2
Kane[1]-1 N	Maximum	33	36	36	35	32	37	37	41	47	28	24	20	24	24	24	14	13	17	17	17	19	22	18	33	42	36	29	38	38	40	34	29.2
	Minimum	6	0	32	9	7	21	30	24	23	19	13	11	13	18	9	− 7	− 8	− 4	3	0	6	− 7	−21	−18	21	24	23	15	30	29	18	11.0
Lancaster	Maximum	39	54	44	54	40	41	46	52	53	46	38	31	33	35	35	26	25	27	27	28	27	25	25	30	42	44	39	38	38	40	38	37.3
	Minimum	26	18	25	36	25	30	35	29	28	25	23	11	13	21	21	5	5	− 2	16	13	14	11	− 5	5	15	30	31	19	30	28	33	19.5
Lawrenceville	Maximum	32	27	38	39	29	35	41	52	51	35	26	26	31	32	31	20	21	21	18	29	26	25	23	26	43	40	37	38	40	41	38	32.6
	Minimum	20	4	19	29	12	20	33	28	23	26	15	9	10	20	13	4	3	1	7	11	− 1	6	3	15	10	20	22	17	32	28	27	14.7
Lebanon /	Maximum	38	46	39	40	35	41	44	58	50	35	31	29	34	34	33	18	25	22	23	29	26	28	22	31	43	39	36	34	40	38	37	34.7
	Minimum	27	19	22	33	26	21	34	33	27	27	26	16	15	17	23	10	7	0	2	10	13	13	9	3	5	20	32	22	28	24	31	19.2
Lewistown-2 SW	Maximum	43	38	42	43	34	37	43	52	49	50	31	28	31	34	32	21	23	26	25	28	26	29	29	27	37	39	37	31	39	40	39	35.0
	Minimum	30	21	31	33	26	31	34	35	25	29	25	19	19	21	17	7	9	5	17	13	13	16	4	− 1	19	33	30	27	32	38	31	22.2
Lock Haven[6]	Maximum	40	33	35	40	33	35	44	41	35	34	30	27	30	31	31	20	19	22	21	25	25	25	29	23	36	39	35	34	38	41	40	32.0
	Minimum	29	15	29	32	22	29	34	35	27	28	24	17	19	21	20	5	5	5	15	5	12	12	− 3	− 6	18	32	30	28	31	3	30	20.3
Marcus Hook[1]	Maximum	44	50	50	52	44	47	57	57	62	57	47	39	44	40	44	39	29	31	26	28	28	28	27	39	55	58	50	44	48	47	57	44.1
	Minimum	24	40	40	30	30	35	44	38	38	32	30	20	23	26	26	17	16	19	21	20	22	20	14	15	25	38	32	32	31	33	33	27.9
Martinsburg[1]	Maximum	38	40	40	39	30	34	38	49	54	42	25	24	27	30	28	20	17	23	23	20	20	22	21	24	35	37	30	34	38	37	38	31.5
	Minimum	25	19	30	24	21	28	29	28	29	18	13	15	14	18	16	6	3	6	17	11	8	9	0	− 3	21	27	21	21	28	30	26	17.9
Mauch Chunk-1 SW	Maximum	31	37	36	55	31	38	42	47	52	42	29	29	30	32	31	28	17	22	22	22	22	23	19	30	40	41	37	34	31	35	36	§32.3
	Minimum	23	13	25	23	22	30	38	34	36	20	15	11	10	13	20	7	6	− 3	13	11	8	2	9	9	16	33	30	16	26	30	35	§18.8
Meadville /-1 S	Maximum	39	40	39	38	35	38	41	47	48	28	26	27	27	26	25	7	15	18	21	20	23	25	20	33	37	30	30	36	43	42	28	30.7
	Minimum	27	16	20	31	18	18	33	30	31	25	20	12	12	12	16	− 6	− 6	1	8	14	12	11	− 1	− 5	8	29	26	10	10	32	27	15.7
Mercer[1]-2.5 NE	Maximum	38	39	40	37	33	37	38	46	48	27	22	22	24	24	24	9	13	14	21	18	18	20	17	30	37	33	32	35	41	42	33	29.4
	Minimum	21	18	33	22	18	26	30	29	27	21	11	8	10	20	9	− 6	− 2	− 6	12	11	7	7	− 2	1	30	24	24	20	32	33	20	16.4
Middletown[1]-1.5 W	Maximum	41	41	40	40	34	40	46	52	48	39	32	29	32	33	31	24	24	27	22	27	25	26	25	27	42	41	38	34	39	38	37	34.6
	Minimum	28	20	29	29	27	32	32	31	27	27	24	19	20	22	13	13	8	1	15	15	12	5	2	11	23	33	26	28	29	25	30	21.2
Midland[6]	Maximum	38	42	47	39	36	41	40	48	50	33	27	27	28	30	30	20	18	20	27	23	22	24	20	35	40	38	38	42	41	48	38	33.9
	Minimum	29	22	37	28	28	33	34	30	30	25	20	16	18	24	16	− 1	2	0	18	16	9	12	6	6	33	29	26	29	32	32	26	21.5
Montrose-3 E	Maximum	30	29	35	34	37	37	33	45	48	28	19	19	25	24	26	10	14	19	14	19	20	21	12	20	41	36	29	30	34	35	34	§27.6
	Minimum	22	12	22	27	17	15	32	32	29	27	16	6	6	10	16	6	0	6	0	7	7	7	1	− 2	1	19	25	15	26	24	27	§14.4
Mt. Lebanon[6]	Maximum	37	42	42	39	32	37	35	50	52	33	24	27	25	28	28	15	20	20	30	21	23	23	17	35	41	35	32	39	45	50	39	32.8
	Minimum	26	18	26	28	22	29	32	32	33	23	18	11	17	22	15	− 4	2	1	19	12	7	14	4	5	32	26	26	27	34	36	22	19.8
Mt. Pocono[1]-2 N	Maximum	29	40	36	34	33	34	36	45	50	41	25	20	25	26	26	24	13	21	15	18	19	19	15	36	40	42	29	31	32	33	34	29.7
	Minimum	15	5	24	20	15	25	33	28	29	18	7	6	7	18	16	6	2	0	10	6	6	2	2	8	11	26	14	13	25	18	23	13.8
New Bloomfield	Maximum	41	37	41	40	33	35	15	51	55	43	31	28	29	33	31	23	25	25	24	25	25	27	25	26	35	38	36	32	37	36	37	33.8
	Minimum	28	14	26	31	23	28	32	32	21	28	23	15	12	19	14	3	3	− 2	10	4	8	8	−13	− 6	15	28	22	17	29	22	30	16.9
Newburg[1]-3.5 NW	Maximum	32	30	42	40	34	38	44	52	52	45	31	29	30	38	36	22	24	30	22	30	23	28	28	32	34	38	30	38	42	36	36	34.7
	Minimum	30	20	32	32	23	32	32	29	28	27	20	18	16	20	12	10	10	8	12	18	14	16	10	4	22	32	22	22	28	30	28	21.2
New Castle-1.5 N	Maximum	43	41	42	40	34	38	40	50	48	34	27	25	27	29	29	25	19	19	26	21	24	24	22	32	38	37	34	37	44	42	43	33.7
	Minimum	25	20	37	32	19	27	32	30	30	26	20	9	8	23	13	− 3	0	10	14	13	8	15	−13	− 6	30	28	26	26	31	32	26	18.3
Palmerton[1]	Maximum	34	38	37	39	32	36	51	49	43	34	30	25	28	33	31	19	20	23	20	24	24	24	22	32	45	45	35	33	31	38	38	32.7
	Minimum	25	17	29	27	22	32	32	29	25	26	16	14	10	21	10	9	5	− 3	16	10	4	4	8	8	13	32	21	21	30	30	31	18.5
Park Place[1]-1 NW	Maximum	28	37	35	35	33	36	36	44	49	37	24	22	24	25	26	19	15	18	18	20	20	19	15	29	39	41	30	29	31	33	35	29.1
	Minimum	18	13	26	19	17	28	30	29	32	21	10	6	10	15	14	0	0	5	10	7	7	6	− 1	3	13	24	19	21	25	26	22	15.3
Philadelphia Arpt [1]	Maximum	38	40	45	43	36	15	46	54	55	44	32	28	31	34	31	26	23	28	25	26	26	27	24	32	49	43	38	35	37	42	42	36.3
	Minimum	28	25	32	32	29	36	41	34	28	30	22	15	18	24	18	11	9	11	17	17	12	12	11	10	19	35	28	26	33	27	33	23.1
Philadelphia C.O.[1]	Maximum	40	42	43	44	36	43	47	55	53	45	34	29	31	36	32	29	23	28	25	27	28	24	27	32	49	46	39	36	38	42	43	37.1
	Minimum	29	27	34	32	29	36	41	40	38	32	24	19	22	24	28	14	13	18	20	19	21	19	13	16	23	36	34	33	33	32	34	26.9
Phila. Shawmont	Maximum	39	43	43	42	39	42	45	52	52	46	32	30	32	34	35	34	23	28	25	27	27	20	23	32	42	49	39	36	37	42	41	36.5
	Minimum	27	23	28	36	28	34	39	41	30	32	24	15	15	24	20	16	10	17	19	16	16	12	11	11	17	35	32	24	33	29	37	24.2
Philipsburg[1]-7 E	Maximum	33	33	37	35	33	34	33	41	50	30	22	21	23	24	23	18	12	17	18	16	16	19	17	24	34	36	27	29	38	38	36	28.0
	Minimum	14	6	31	17	17	28	30	25	30	21	12	10	9	16	1	− 5	0	0	13	6	8	− 5	− 3	−14	21	24	22	22	27	32	19	14.0
Phoenixville-1.5 SE	Maximum	39	44	48	49	48	49	51	60	60	54	41	38	40	36	36	29	24	29	25	27	27	25	30	43	48	54	47	42	45	44	48	41.3
	Minimum	26	16	24	31	28	33	39	33	21	28	20	10	11	11	22	6	− 1	− 4	19	15	6	6	− 6	17	9	36	14	7	32	22	36	18.3
Pittsburgh Arpt Sta.[1]	Maximum	37	42	42	39	33	37	35	50	51	30	23	25	25	28	28	19	17	20	30	22	20	23	17	34	42	37	32	40	46	49	38	32.6
	Minimum	27	22	35	26	22	28	32	32	30	23	18	15	17	22	17	− 2	4	5	19	13	8	15	8	5	31	26	26	27	36	37	24	20.9
Pittsburgh City Office[1]	Maximum	39	44	45	41	35	39	38	51	53	32	27	27	28	31	29	15	20	22	31	23	24	26	20	36	45	38	34	40	44	51	40	34.5
	Minimum	31	27	39	29	25	31	35	35	32	26	21	19	22	24	15	0	4	9	21	17	13	16	9	8	34	30	29	31	39	39	28	23.8
Port Clinton /	Maximum	40	35	36	40	37	42	43	45	50	35	32	27	29	32	30	15	20	24	20	23	21	22	22	30	45	40	35	34	37	42	38	32.9
	Minimum	28	18	28	32	25	26	34	37	38	25	26	16	12	15	19	10	6	− 2	0	15	12	12	6	10	20	22	32	22	30	28	33	20.5
Putneyville-2.5 SE	Maximum	34	35	37	36	31	34	36	44	50	40	26	24	24	25	22	17	15	14	24	20	18	22	17	28	34	34	30	35	39	41	25	29.4
	Minimum	23	14	31	26	17	25	30	30	25	21	15	12	7	17	15	− 6	− 2	−12	10	10	7	10	−15	−10	25	26	23	23	32	29	23	15.5
Quakertown-0.5 E	Maximum	35	40	40	40	36	42	46	51	51	43	31	29	27	32	32	27	19	24	21	23	23	22	22	23	42	43	37	36	35	37	39	33.8
	Minimum	22	17	24	29	23	28	35	35	22	28	13	12	10	20	21	4	5	− 7	13	12	10	8	6	− 1	17	33	29	21	29	28	33	18.5
Reading[1]	Maximum	39	44	42	41	35	40	45	52	52	42	32	30	32	34	32	24	23	26	23	27	27	24	25	32	47	47	38	36	39	41	41	35.9
	Minimum	27	24	35	31	28	34	39	36	31	30	21	16	18	22	21	11	11	6	18	17	17	16	11	11	22	34	29	29	33	27	32	23.8
Ridgway /	Maximum	38	38	38	38	34	37	41	44	50	28	25	27	27	26	27	7	12	19	19	20	25	26	24	36	39	32	35	36	39	45	35	31.2
	Minimum	23	5	5	30	13	13	32	32	19	20	19	6	6	11	16	− 4	− 5	−10	0	− 5	5	8	−22	−14	− 8	25	24	22	18	29	32	11.1
Scranton[1]	Maximum	30	31	40	37	36	41	41	50	51	38	26	28	28	31	30	22	18	21	21	22	23	23	16	22	48	47	33	37	35	40	40	32.3
	Minimum	22	17	27	28	22	35	38	33	28	25	14	13	16	21	17	7	8	9	13	12	14	9	9	6	20	32	25	24	31	30	30	20.5
Selinsgrove	Maximum	39	35	39	42	35	37	44	50	50	45	34	30	31	31	31	22	22	28	22	22	26	27	24	24	30	36	33	34	40	39	37	33.4
	Minimum	27	11	25	33	22	29	34	27	22	26	24	14	16	22	19	5	4	0	3	12	6	5	− 2	− 6	20	31	29	24	29	22	32	18.2
Somerset	Maximum	30	41	38	36	30	34	33	48	53	43	21	20	23	29	27	17	16	24	24	24	18	22	25	33	35	37	27	45	45	45	45	31.9
	Minimum	22	13	34	29	21	28	30	28	23	20	15	10	5	18	8	− 3	1	− 1	16	11	6	8	−14	−15	22	26	17	8	31	28	24	15.1
Springs[6]-1 SW	Maximum	30	40	39	35	28	33	31	45	50	40	20	19	20	30	26	8	15	22	26	15	16	21	20	30	34	40	29	40	42	44	40	29.9
	Minimum	15	10	32	25	20	24	27	27	28	17	13	9	3	17	5	− 4	1	8	14	9	7	10	− 8	− 7	20	23	12	12	28	25	21	14.1
State College[1]	Maximum	38	36	39	38	28	37	39	45	52	30	25	24	28	29	28	20	17	22	23	21	22	24	22	27	38	35	34	34	38	38	41	31.4
	Minimum	26	18	32	28	21	28	32	34	25	25	19	15	15	21	20	1	3	4	16	10	11	13	0	− 1	25	29	28	25	26	36	27	19.7
Stroudsburg 2 E	Maximum	38	40	38	42	35	37	48	46	50	46	33	29	32	35	31	31	22	30	24	30	28	27	35	36	36	45	39	36	36	37	39	35.9
	Minimum	24	12	26	24	18	32	37	38	22	26	21	11	11	23	18	10	5	− 1	13	7	6	− 3	2	− 5	10	21	32	18	30	31	34	17.8
Tamarack /-2 S	Maximum	34	34	34	33	29	32	35	43	47	25	25	25	22	22	26	5	15	21	13	20	20	22	20	21	35	29	32	32	29	35	35	31.1
	Minimum	20	13	16	28	15	15	29	29	29	23	17	9	11	12	15	− 4	− 5	− 2	1	5	5	7	2	1	5	21	22	22	23	25	30	27.4
Tionesta /-1.5 SE	Maximum	36	39	39	37	36	36	39	46	50	27	24	22	26	27	26	11	16	19	21	19	22	22	22	34	36	30	30	35	40	42	37	30.5
	Minimum	24	11	13	30	15	20	32	32	24	25	20	15	14	13	16	− 5	− 5	− 7	7	7	12	10	−19	−10	−10	29	25	15	27	30	28	14.1
Titusville-2 S	Maximum	37	35	36	36	31	36	36	42	46	32	23	28	25	23	23	20	12	13	18	18	19	23	18	30	32	32	27	33	37	41	39	29.1
	Minimum	25	10	34	29	15	24	31	30	31	23	18	13	13	19	14	− 7	− 1	1	5	8	10	10	− 5	− 8	28	26	24	17	29	33	24	16.9
Towanda-1 E	Maximum	31	29	39	38	31	34	40	52	54	40	28	26	31	31	33	21	20	25	19	27	28	23	22	24	39	43	37	35	40	41	39	32.9
	Minimum	23	18	22	29	17	24	33	30	24	27	16	10	12	20	9	7	5	− 2	8	6	5	6	2	−10	8	32	23	19	30	26	28	16.2

Continued on page 96.

Daily Temperatures for December 1945—Continued from page 95.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	34	47	44	42	35	35	35	50	57	45	25	29	28	33	31	23	23	26	32	28	27	25	22	40	43	43	34	48	49	54	48	36.6
	Minimum	29	20	39	33	25	30	31	33	28	25	20	14	16	24	18	−1	5	6	20	14	9	19	8	7	32	29	29	25	36	34	29	22.2
Vandergrift[1]	Maximum	37	43	44	42	35	38	39	50	53	42	30	27	28	32	28	24	19	20	30	23	24	23	20	37	42	42	38	42	45	50	41	35.1
	Minimum	30	21	36	28	23	30	34	31	26	26	20	16	18	23	18	0	6	−5	19	17	12	14	−10	−5	24	26	30	31	34	32	28	20.4
Warren	Maximum	35	36	37	36	33	39	37	47	50	36	26	27	28	26	27	25	17	23	20	22	24	25	17	34	37	38	33	35	34	42	40	31.8
	Minimum	23	10	34	24	15	24	30	31	30	22	17	14	16	20	18	−6	0	3	5	6	13	11	−9	−9	27	26	25	21	26	32	23	16.8
Waynesburg	Maximum	36	45	43	40	34	34	34	49	53	44	24	26	26	31	30	26	23	22	30	28	24	24	25	36	48	42	36	43	46	50	46	35.3
	Minimum	29	20	30	32	23	29	32	30	29	24	18	15	14	23	17	−1	6	9	18	12	8	17	2	6	32	27	25	25	32	32	27	20.4
Wellsboro/	Maximum	29	33	37	35	31	37	40	48	48	29	23	26	28	29	28	9	16	24	16	27	21	25	17	25	40	35	32	36	40	39	35	30.3
	Minimum	23	4	2	29	6	6	30	28	21	23	19	3	4	12	12	2	1	1	0	10	5	2	8	−14	−13	22	27	13	24	30	34	12.1
West Chester	Maximum	39	44	43	42	36	41	45	51	54	43	33	30	32	35	31	25	23	28	25	27	26	26	27	33	47	43	37	34	37	39	39	36.0
	Minimum	26	24	30	36	26	31	38	34	32	29	24	14	16	22	25	13	8	8	17	15	16	14	8	10	21	36	30	26	32	26	33	23.2
Wilkes-Barre[1]	Maximum	30	32	39	38	36	41	42	51	52	34	31	27	30	30	30	22	19	22	19	27	26	25	22	21	48	44	37	35	38	39	37	33.0
	Minimum	22	19	27	28	23	35	37	30	26	26	16	14	15	22	8	8	5	8	15	8	6	9	5	−3	14	32	22	24	27	30	32	19.0
Williamsport Arpt.[1]-4 E	Maximum	34	32	36	38	33	36	42	48	38	32	30	29	29	30	30	20	19	20	21	23	25	22	20	24	41	39	36	33	37	38	36	31.3
	Minimum	24	15	31	28	22	31	35	27	25	24	17	14	20	22	10	6	2	−3	15	10	4	4	7	−4	18	32	23	25	29	22	28	18.2
Williamstown	Maximum	37	37	41	41	39	42	43	51	52	47	29	26	29	30	30	24	20	23	22	24	24	25	23	27	39	44	35	33	37	35	36	33.7
	Minimum	26	13	28	34	25	32	37	33	25	28	25	15	13	20	23	8	6	−5	15	15	13	9	9	8	16	34	29	21	30	24	32	20.7
Woodward[1]-2 NE	Maximum	31	32	35	33	28	34	34	40	48	39	22	19	23	24	25	18	13	16	14	17	18	19	18	27	38	35	29	28	32	34	34	27.6
	Minimum	21	16	26	20	17	27	30	28	33	20	11	10	11	15	15	−2	−1	0	10	7	6	8	0	2	17	22	22	22	25	30	19	15.7
York-3 SW	Maximum	43	47	43	41	38	38	45	55	61	50	32	30	34	36	34	31	27	31	29	29	27	30	26	33	41	44	40	35	40	39	39	37.7
	Minimum	31	19	30	37	28	31	37	27	26	29	25	14	10	22	23	11	7	−1	18	10	16	8	8	2	20	31	32	23	32	24	36	21.5

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.63	23	29.39	30	10.0	33	se.	25	87	80	83	35	1162
Harrisburg	30.49	23	29.41	31	8.1	25	nw.	11	74	62	71	36	1117
Philadelphia	30.49	18	29.33	31	7.5	22	ne.	19	81	65	74	42	1026
Philipsburg	30.53	23	29.44	31	12.2	32[a]	se.	25	88	74	83	.....	1362
Pittsburgh	30.59	23	29.43	30	10.9	34	ne.	25	83	67	77	32	1189
Reading	30.52	18	29.37	31	10.8	36	nw.	11	77	63	61‡	36	1092
Scranton	30.53	24	29.35	31	6.7	19	sw.	16	87	81†	.....	33	1196

* For any five-minute period. ** Corrected to true velocities.
‖ 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.8	4.5	28	3.0	25	18
Easton	Delaware	4.5	6.8	1	2.6	18†	22
Lehighton	Lehigh	4.2	4.9	7	3.4	24	9
Reading	Schuylkill	5.9	9.4	26	4.2	24	13
Wilkes-Barre	N. Br. Susquehanna	7.6	10.4	1	5.1	17	22
Williamsport	W. Br. Susquehanna	4.6	10.3	1	2.4	25	20
Newport	Juniata	7.0	10.6	1	4.0	19	22
Harrisburg	Susquehanna	5.6	9.4	1	4.2	19	17
Schenley, (nr) Lock No. 5.	Allegheny	14.3	17.6	1	12.6	19	24
Sutersville	Youghiogheny	5.4	6.3	1	.....	.....	20
Charleroi (nr.), Lock No. 4	Monongahela	14.4	18.0	8	11.8	21	30
Pittsburgh	Ohio	•	•	.....	•	.....	25
Midland, Dam No. 7	Ohio	•	18.0	1	•	.....	30

* Pool stage † On other days also

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Dauphin	formerly	Peters Mountain Tower
Farrell	"	Sharon
Ford City	"	Crooked Creek Dam
Grantville	"	Manada Gap
Hawley, 1 S.	"	Wallenpaupack Dam (Evaporation)
Jamestown	"	Pymatuning Dam
Kregar	"	Laurel Hill Tunnel
McConnellstown	"	Loop Mountain Tower
Milroy	"	Penn Nursery
Monroeton	"	Kellogg Mountain Tower
Neffs Mill	"	Shaver Creek (Evaporation)
Newburg	"	Blue Mountain Interchange
Putneyville	"	Mahoning Dam
Sheffield	"	Cherry Grove
Tyrone	"	Bald Eagle
Williamsport 4 SE	"	Shaffers Path

(W. B. O., Philadelphia—2-28-46—975)

5.05

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. L. ANNUAL SUMMARY 1945. No. 13.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
REMIT DIRECTLY TO SUPERINTENDENT OF DOCUMENTS WASHINGTON, 25 D. C.

GENERAL SUMMARY.

On forty-four percent of the days (161) in 1945 there was measurable precipitation, which was 20 days more than occurred in any other year. With measurable amounts almost every other day, the accumulated fall was the greatest total since 1889 and 1890. The distribution of annual precipitation by stations shows a deficiency of 5% at Greenville and Somerset. Elsewhere totals ranged from 110-130% of average, rather uniformly, with values above 140% reached in Luzerne, Lackawanna, Monroe, Wayne, and Pike Counties.

The annual temperature was about normal, but the seasonal means fluctuated greatly. The winter of 1944-45 was the coldest since 1920; spring, the warmest in 24 years; and summer, the coolest in 21 years. The growing season and autumn were only slightly below average.

The unseasonable warmth of March and early April accelerated plant growth and farm work, bringing prospects for a productive crop. Late frosts in April and May sharply reduced fruit yields. Wet weather hindered crops until after harvest time; all but corn, which thrived, and a few other grains showed decreased yields. Ample moisture helped establish a new low mark for the number of forest fires.

WEATHER BY MONTHS

JANUARY: Snow, wind, and cold predominated — it being the fourth snowiest and sixth coldest. So severe were conditions, that many rural roads were closed most of the month; war production was curtailed, and overtaxed heating systems caused numerous serious fires. Icy roads and streets limited automobile traffic, necessitating foot traffic, and, as a consequence, it is probable there were more fractured bones from slipping and sliding than in any similar period.

FEBRUARY: Anxiety concerning probable floods as the valleys released their heavy snow burden predominated. Fortunately, with mild and relatively dry weather, the snow disappeared gradually with no serious flooding. The river crest at Pittsburgh was only three feet above flood stage, while elsewhere rivers were confined to their banks.

MARCH: It entered like a lamb and that it was. Warmer than 44% of all *April* records and somewhat wetter than average produced rapidly fluctuating streams, although of no serious consequence, except on the Susquehanna River at Marietta, where an ice gorge backed up water to a level above that of the March 1936 flood. Vegetation was 3 weeks to a month ahead of normal.

APRIL: Abnormally warm weather, continued from March through the first half, was followed by a reaction to cold and wet the latter portion of the month, which proved of serious consequence to vegetation in all but the southeastern counties. While agricultural prospects were most promising at the beginning, frosts and above average rainfall greatly nullified this progress.

MAY: The coolest in 21 years and snowiest in 23 years, after balmy March and early April, amply justified the remark that "it was a short summer." A nine-inch snow in Bradford County and a tornado in Centre County highlighted an action-filled month of damaging storms and cold.

JUNE: As April conditions followed the previous month, so with June. It opened with snow traces, the third occurrence in 58 years! Low temperature records were broken before warm weather established itself after the 10th and continued the remainder of the month, although the deficiencies accumulated for the first ten days were not offset. Violent thunderstorms, some accompanied by damaging hail, were general the latter half.

JULY: A very rainy month, 21 stations reported new July, and 9 others, new all-time records. Damage running to millions of dollars was caused by the thunderstorms that frequently approached cloudburst proportions.

AUGUST: A pleasant contrast to the stormy, dreary weather of July. Several stations in the west and north-central counties reported the driest August of record, but the State average precipitation was only slightly below normal. The mean temperature was again below normal.

SEPTEMBER: Two small tornadoes on the 14th in Greene and Clearfield Counties; the first month since April with the mean temperature more than normal, but did not offer compensation for the raininess of the third wettest September of record. Paradoxically, water was rationed in one Washingtown County community, due to deficient rainfall in that area.

OCTOBER: The growing season closed on the 4th with frosts general on that date as thermometers recorded the lowest temperatures for so early in the fall. As the month closed, the daytime maxima temperatures approached the record highs for so late in the season, but the mean was below normal. Precipitation was also below normal despite stations in most northwestern counties reporting the wettest October in 20 years, which overcame the deficiencies accumulating in that area since the first of the year.

NOVEMBER: This is normally the driest month of the year, but it was the wettest of all in 1945. The 6th was the only clear day reported by all stations. The big storm of the month began on the 27th. Before it was over, it broke the 24-hour rainfall record for the month at Philadelphia, and the 24-hour snowfall record for stations in and near Tioga County.

DECEMBER: The records for the month are a repetition of January, and further emphasize the fact that real winter weather is an ever present threat to Pennsylvania. This was the fourth snowiest and fifth coldest, but wind was not a significant feature, eliminating the drifts that interfere with transportation. However, several glaze storms produced about the same effect.

Climatological Data for the Year 1945

Stations	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)							Sky			Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall (unmelted)	Number days with .01 or more	Number clear days	Number partly cloudy days	Number cloudy days	
Atlantic Drainage.																				
Allentown Arpt. 4 NE	Lehigh	384	5	50.4	96	June 30	− 4	Jan. 25	5	51.09	8.16	July	2.36	Oct.	42.2	156	87	130	148	w.
Altoona, 4.5 W	Blair	1,500	48	49.4	93	June 30	− 5	Jan. 25	59	51.01	6.19	Sept.	1.73	Jan.	46.7	166	151	127	87	w.
Burnt Cabins, 2 NE	Fulton	990	4	50.9	100	June 30	− 4	Dec. 24	4	42.89§	6.59	Nov.	1.07	Oct.	37.4	137	148	52	165	w.
Canton, 1 NW	Bradford	1,450	1	46.2§	90	Aug. 21	−11	Jan. 25	6	41.74§	6.13	Nov.	1.87	Feb.	47.3	158	82	171	112	sw.
Carlisle	Cumberland	473	79	51.7	96	July 1	− 5	Dec. 23	56	47.60	7.01	Nov.	1.20	Oct.	52.5	135	192	46	127	sw.
Chambersburg, 1 SW	Franklin	600	46	52.0	99	June 30	− 4	Dec. 24	49	45.06§	6.71	Nov.	1.09	Oct.	33.5	143	161	102	102	s.
Coatesville	Chester	431	57	53.4	98	June 30†	− 1	Jan. 25	57	48.03	6.71	Sept.	1.93	Oct.	38.0	137	85	82	198	nw.
Curwensville, 6 NW	Clearfield	2,215	3	45.0	87	June 30	− 9	Jan. 25	3	53.84	7.21	Sept.	2.25	Dec.	81.6	204	61	110	194	w.
Eagles Mere	Sullivan	2,020	3	46.5	87	June 24†	−13	Jan. 25†	9	60.91	7.59	July	2.88	Mar.	69.0	158	125	97	143	se.
East Waterford, 3 E	Juniata	2,125	2	48.5	90	June 30	− 4	Jan. 25	9	46.34	6.70	Nov.	1.56	Oct.	52.5	166	75	112	178	nw.
Ephrata	Lancaster	365	44	53.4	97	June 30†	− 1	Jan. 25	53	58.16	9.10	Sept.	1.72	Oct.	41.1	137	113	139	113	ne.
Everett, 0.5 SW	Bedford	1,020	25	50.3§	97	June 29†	− 6	Dec. 24	24	43.21	6.15	Sept.	1.10	Oct.	35.0	149	137	74	154	sw.
Fredericksville, 1 S	Berks	800	2	49.6	92	June 30	− 5	Jan. 25†	8	55.59	7.47	July	2.25	Oct.	52.1	143	147	87	131	s.
Freeland	Luzerne	1,970	51	47.4§	90	June 14	−12	Jan. 25	52	52.33§	10.14	July	2.29	Feb.	55.4	147	.....	.....	.....	w.
George School	Bucks	184	39	52.8§	96	June 30†	− 2	Jan. 25†	39	52.30	9.08	July	2.08	Mar.	38.4	150	176	72	117	w.
Gettysburg	Adams	500	69	53.6	97	June 30	− 3	Dec. 23	72	43.51	6.13	Nov.	0.53	Oct.	41.0	131	183	79	103	sw.
Gordon	Schuylkill	900	42	49.3	93	June 30	− 9	Jan. 3	42	58.20§	11.03	July	1.83	Feb.	55.3	143	161	64	140	w.
Hanover	York	600	41	53.5	99	June 30	3	Jan. 26	42	41.60	9.85	July	1.16	Oct.	38.2	149	151	80	134	s.
Harrisburg (Arpt.), 3.5 S	Dauphin	364	57	53.0	97	June 14†	4	Jan. 25	57	49.23	8.52	July	1.07	Oct.	55.7	144	79	107	179	w.
Hawley, 0.5 E	Wayne	980	27	47.8§	95	June 15	−13	Feb. 4	35	58.08	8.25	July	2.45	Mar.	94.5	162	153	114	98	nw.
Holtwood	Lancaster	200	27	54.4	95	June 29†	5	Jan. 25	32	41.29	7.77	July	1.28	Oct.	41.0	148	127	108	130	nw.
Huntingdon	Huntingdon	700	56	51.0§	95	June 29†	− 8	Dec. 23	58	49.79	8.10	Sept.	1.87	Feb.	25.5	144	103	89	173	nw.
Lancaster	Lancaster	255	43	52.5	95	June 30†	− 5	Dec. 23	54	51.27	9.66	July	2.08	Oct.	42.0	149	192	76	97	nw.
Lawrenceville	Tioga	996	48	48.3	94	July 1†	−23	Jan. 26	48	41.14§	6.02	May	1.39§	Dec.	56.0	122	131	120	114	n.
Lebanon	Lebanon	469	57	52.0	97	June 30	− 3	Jan. 26	62	53.26	10.19	July	1.66	Oct.	47.4	148	189	74	102	sw.
Lock Haven	Clinton	554	55	50.9	96	June 14	−10	Jan. 25†	55	49.04	6.57	Nov.	2.08	Jan.	47.5	156	150	69	146	e.
Martinsburg	Blair	1,460	3	49.2	92	June 30	− 3	Dec. 24	3	45.18	6.02	Sept.	1.38	Jan.	.....	161	49	155	161	w.
Montrose, 3 E	Susquehanna	1,176	40	45.1§	88	June 14†	−12	Jan. 25	40	51.11§	8.50§	Nov.	2.51	Dec.	.....	172	112	80	173	s.
Mt. Pocono, 2 N	Monroe	1,914	39	45.2	88	June 15	−13	Jan. 25	39	69.77	15.86	July	2.60	Mar.	73.6	180	54	181	130	nw.
New Bloomfield	Perry	715	7	50.3	96	July 1	−13	Dec. 23	10	49.92	8.05	Nov.	1.43	Oct.	39.0	133	166	86	113	w.
Palmerton	Carbon	435	20	49.6	97	Aug. 31	− 3	Jan. 26†	29	52.96	11.62	July	1.96	Feb.	47.4	154	126	69	170	sw.
Park Place, 1 NW	Schuylkill	1,952	3	46.4	89	Sept. 1	−12	Jan. 25	3	52.42	12.23	July	1.72	Feb.	46.6	170	73	128	164	nw.
Philadelphia (City)	Philadelphia	26	75	55.6	99	June 30	3	Jan. 25	75	46.96	8.86	July	1.61	Mar.	33.6‡	134	100‡	100‡	165‡	sw.
Phila. Shawmont	Philadelphia	66	28	54.4	97	June 27†	2	Jan. 25	50	61.62§	9.33	July	1.74	Mar.	32.0	142	105	102	158	nw.
Philipsburg, 7 E	Centre	1,914	3	44.6	88	June 30	−14	Feb. 4†	3	57.47	7.83	Sept.	2.59	Dec.	61.7	190	56	101	208	w.
Phoenixville, 1.5 SE	Chester	100	36	54.5§	99	June 30†	− 6	Dec. 23	36	47.58	6.29	July	1.38	Oct.	39.6	138	176	87	102	w.
Port Clinton	Schuylkill	430	7	49.6	94	June 15†	− 2	Jan. 3†	7	59.38§	10.06	July	2.40§	Feb.	46.5	136	.....	.....	.....	.....
Quakertown, 0.5 E	Bucks	480	58	50.9	94	June 30	− 7	Dec. 18	60	52.19	6.32	July	1.91	Oct.	49.8	147	155	90	120	w.
Reading	Berks	273	48	53.7	97	June 30	0	Jan. 25	68	50.27	7.50	July	1.77	Oct.	46.9	149	95	110	160	nw.
Scranton	Lackawanna	746	51	49.8	93	June 15†	− 5	Jan. 25	51	53.72	11.75	July	1.26	Dec.	54.2	164	86	141	138	n.
Selinsgrove	Snyder	476	56	50.4	93	June 15	− 9	Jan. 26	56	52.78	7.28	Sept.	1.73	Feb.	40.8	150	99	124	142	sw.
State College	Centre	1,175	57	50.0	94	June 30	− 2	Jan. 25	61	45.36	6.50	Sept.	1.84	Jan.	40.9	163	95	108	162	sw.
Stroudsburg, 2 E	Monroe	327	31	51.1	97	July 1	− 7	Jan. 26	28	59.04§	11.55	July	2.40	Oct.	58.3	156	130	70	165	nw.
Tamarack, 2 S	Clinton	2,250	3	45.0	87	June 29	−14	Jan. 26	5	46.15	6.76	May	1.87	Feb.	71.3	184	78	134	153	w.
Towanda, 1 E	Bradford	755	51	48.8	92	June 14†	−13	Feb. 4	51	39.98	5.11	Nov.	1.86	Aug.	53.3	164	104	123	138	e.
Wellsboro	Tioga	1,319	65	45.3	94	Sept. 8	−20	Jan. 26†	75	38.45	6.50	May	1.56	Feb.	60.3	155	114	106	145	w.
West Chester	Chester	440	91	53.4	96	June 30	− 1	Jan. 25	95	54.31	10.23	July	1.98	Oct.	38.8	141	155	93	117	nw.
Wilkes-Barre	Luzerne	549	7	49.5	93	June 15†	−13	Jan. 26	7	57.69	10.39	Sept.	1.69	Dec.	30.7	152	64	127	174	sw.
Williamsport (Arpt.), 4 E	Lycoming	520	3	49.3	92	June 14	− 8	Jan. 26	5	45.85	6.36	Sept.	1.91	Jan.	.....	157	46	148	171	sw.
Woodward, 2 NE	Centre	2,182	3	46.4	88	June 30	−10	Jan. 25	4	47.85	7.64	Nov.	1.60	Jan.	42.6	156	71	92	202	w.
York, 3 SW	York	390	47	54.1	100	June 30†	− 3	Jan. 27†	58	50.74	9.44	July	1.29	Oct.	42.0	134	147	99	119	w.
Ohio Drainage.																				
Bradford, 4 W	McKean	1,680	19	45.8§	89	Aug. 24	−27	Jan. 25	28	55.43	7.10	June	2.19	Dec.	104.2	191	77	112	176	w.
Brookville	Jefferson	1,400	34	46.6	90	June 30†	−17	Dec. 23	54	49.23	6.27	Mar.	2.03	Jan.*	§	185	38	114	213	sw.
Butler	Butler	1,077	23	50.8	95	Sept. 1	−12	Jan. 25†	31	44.82§	6.96	Mar.	1.61	Jan.	50.4	149	117	137	111	nw.
Clarion, 3 SW	Clarion	1,114	2	48.6§	94	June 21	−22	Jan. 25	48	49.15	7.14	Sept.	1.86	Jan.	45.6	182	74	83	208	w.
Claysville	Washington	1,170	41	49.4	93	Aug. 31	− 6	Jan. 27	41	51.24	9.43	Sept.	2.00	Dec.	35.8	136	130	74	161	nw.
Corry	Erie	1,410	31	46.4§	90	June 29†	−21	Jan. 18†	31	51.57	8.38	Sept.	2.32	Dec.	118.7	191	128§	99§	138§	sw.
Coudersport	Potter	1,653	16	45.8	90	June 29†	−25	Jan. 25	21	48.70	7.78	May	1.41	Aug.	73.3	163	108	113	144	se.
Derry	Westmoreland	1,150	49	52.0	94	June 30	−14	Dec. 23	49	50.44	7.18	Sept.	1.82	Dec.	40.1§	158	126	128	111	w.
Donegal	Westmoreland	1,746	2	47.8	91	July 14	− 8	Jan. 27	2	55.66	7.22	July	1.33	Dec.	97.9	188	95	186	84	w.
Donora	Washington	761	19	54.0	96	June 29†	2	Dec. 16	19	45.09	8.12	Sept.	1.67	Dec.	22.7	164	56	99	210	sw.
Ebensburg	Cambria	2,060	28	46.5§	90	Aug. 30	− 6	Jan. 25†	27	51.85§	6.79	Mar.	2.04	Jan.	46.3	179	122	70	173	w.
Farrell	Mercer	855	33	52.4	97	June 29†	−10	Jan. 25†	33	38.16	5.49	Sept.	1.37	Jan.	33.5	142	164	97	104	sw.
Ford City, 4 S	Armstrong	950	2	49.5	94	June 30†	−19	Dec. 23	2	49.22§	7.92	Sept.	1.70	Dec.	37.4	157	138	39	188	w.
Franklin	Venango	987	52	47.9§	91	June 29†	−14	Jan. 26	73	44.97	7.92	Sept.	1.47	Jan.	68.0	171	144	78	143	s.
Greensburg, 2 S	Westmoreland	977	37	50.8§	91	June 30†	−11	Jan. 25†	37	45.00	7.37	Sept.	1.53	Dec.	40.3	172	121	73	171	sw.
Indiana	Indiana	1,300	43	50.5§	.....	.....	−12	Dec. 23	38	52.11§	7.60	Sept.	2.16	Jan.	48.7	.....	.....	.....	.....	sw.
Irwin	Westmoreland	1,090	46	52.2	93	June 30†	− 9	Dec. 23	49	51.09	9.24	Sept.	2.04	Dec.	71.7	180	96	90	179	w.
Jamestown, 2 NW	Mercer	1,050	4	47.8	92	July 25	−20	Jan. 25	14	42.94	7.47	Sept.	1.04	Jan.	.....	171	.....	.....	.....	ne.
Kane, 1 N	McKean	1,750	2	43.6	90	June 29†	−28	Jan. 25	30	58.49§	7.04	Sept.	1.83	Jan.	102.3	202	95	57	213	w.
Meadville, 1 S	Crawford	1,065	52	47.1	92	June 30	−16	Jan. 25	53	44.56	6.51	Sept.	1.82	Dec.	76.1	179	69	112	184	sw.
Mercer, 2.5 NE	Mercer	1,200	6	47.1	92	Aug. 31	−14	Jan. 25	6	40.42	7.03	Sept.	1.14	Jan.	36.4	177	51	154	160	w.
Midland	Beaver	780	8	51.3	94	June 29†	− 1	Dec. 16	9	48.11	8.20	Sept.	1.80	Dec.	37.6	159	96	100	169	nw.
New Castle, 1.5 N	Lawrence	900	65	51.0	94	June 29†	−13	Dec. 23	61	43.88	6.58	Sept.	1.92	Jan.	43.8	164	94	152	119	n.
Pittsburgh (Airport)	Allegheny	1,226	12	51.6	94	Aug. 31	− 2	Dec. 16	12	48.20	10.08	Sept.	2.39	Oct.	42.0	185	72	119	174	sw.
Putneyville, 2.5 SE	Armstrong	1,270	2	48.1	92	June 30	−15	Dec. 23	2	53.41	7.13	Sept.	2.45	Dec.	55.0	189	86	105	174	sw.
Ridgway	Elk	1,385	30	46.1	92	June 30†	−22	Dec. 23	39	54.92	9.03	Sept.	2.03	Jan.	53.3	191	105	69	191	s.
Somerset	Somerset	2,100	78	48.0	89	June 14†	−15	Dec. 24	62	46.52	6.32	Sept.	2.05	Oct.	70.3	184	50	115	200	sw.
Springs, 1 SW	Somerset	2,500	25	46.4	86	June 14†	− 8	Dec. 23	26	57.95	9.64	Sept.	2.29	Oct.	69.8	194	56	115	194	w.
Tionesta, 1.5 SE	Forest	1,200	2	46.6	90	June 30†	−19	Dec. 23	9	49.73	6.31	Sept.	1.90	Jan.	58.8	190	116	52	197	w.
Titusville, 2 S	Crawford	1,550	2	47.4	91	July 25	−13	Jan. 25	2	46.49	8.03	Sept.	1.58	Aug.	81.7	185	27	206	138	sw.
Uniontown	Fayette	1,040	56	53.9	95	June 30	− 2	Jan. 27	57	51.53	8.81	Sept.	2.01	Dec.	32.9	167	181	135	99	sw.
Vandergrift	Westmoreland	825	31	52.1	95	June 29†	−10	Dec. 23	32	49.45§	8.13	Mar.	1.99	Jan.	.....	162	79	211	75	.....
Warren	Warren	1,190	51	47.5§	.....	.....	−13	Jan. 25	57	51.88§	6.41	Oct.	2.04§	Jan.	57.0	176	.....	.....	.....	s.
Waynesburg	Greene	1,100	15	51.6§	94	July 21†	− 6	Jan. 27	19	43.58§	9.03	Sept.	1.73	Oct.	29.0	128	58	188	119	w.
Lake Drainage.																				
Erie	Erie	705	73	49.8	91	Aug. 13	0	Jan. 25	73	44.97	7.62	Sept.	1.97	Dec.	83.0	184	62	126	177	w.
For the State		.....	.....	49.7	103	June 30†	−28	Jan. 25	.....	49.27	17.89	July	0.50	Oct.	52.5	161	111	105	149	w.

Figures and letters following station indicate distance in miles and direction of station from the city or town. † Also on other dates. § Partly interpolated.
* Also other months. ‡ Record completed from Airport data.

Monthly and Annual Precipitation for the Year 1945, with Departures from the Normal.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ATLANTIC DRAINAGE																										
Delaware Basin																										
UPPER DELAWARE																										
Dingmans Ferry, ½ E	3.76		3.28		1.93		3.50		7.43		6.29		11.09		6.75		5.81		2.52		4.00		3.48		59.84	
Hawley, ½ E	4.47	+1.74	3.23	+0.61	2.45	−0.74	4.10	+0.83	5.88	+2.22	6.08	+2.18	8.25	+4.00	5.82	+1.70	6.54	+2.93	2.79	−0.61	5.50	+2.51	2.97	+0.09	58.08	+17.46
Hollisterville	3.77	+0.99	3.00	−0.10	2.28	−0.69	3.01	−0.45	5.66	+2.14	6.25	+2.07	8.27	+4.95	5.32	+1.91	6.61	+3.18	3.18	−0.26	5.24	+2.23	2.93	−0.45	55.52	+15.52
Lakeville, 1 N	3.98	+1.21	3.37	+0.43	1.81	−1.30	§3.91	+0.34	6.42	+2.71	6.20	+1.77	6.85	+3.38	§5.71	+1.66	7.68	+4.37	3.20	−0.45	5.80	+3.00	3.51	+0.31	§58.44	+17.43
Matamoras	4.10	+1.38	3.08	+0.51	1.51	−1.59	4.08	+0.68	5.95	+2.58	6.09	+2.09	6.76	+3.04	5.45	+1.71	4.02	+0.83	2.75	−0.49	5.87	+3.06	3.76	+0.85	53.42	+14.65
Mount Pocono, 2 N	4.99	+1.61	3.62	+0.69	2.60	−1.26	4.12	+0.25	6.74	+2.66	6.90	+1.04	15.86	+10.72	4.54	+0.04	5.20	+0.28	3.60	−1.01	6.48	+3.14	5.82	+2.21	69.77	+20.34
Pleasant Mount, 1 W	3.39		3.18		2.50		3.92		5.35		4.31		7.70		3.05		3.35		4.67		5.90		2.88		50.20	
Stroudsburg, 2 E	4.66	+1.40	§2.74	−0.01	2.43	−1.35	4.03	+0.33	5.57	+2.07	5.13	−0.36	11.55	+6.43	5.90	+1.04	4.77	+1.15	2.40	−1.31	5.26	+1.52	4.60	+1.29	59.04	+12.92
Tanners Falls, 1 SE	3.60		3.37		2.25		4.04		4.99		3.96		10.04		3.95		4.25		3.04		5.43		2.21		51.13	
LEHIGH																										
Allentown Arpt, 4 NE	3.17	−0.33	2.78	−0.52	2.69	−0.76	3.46	+0.06	4.36	+0.86	5.59	+1.59	8.16	+3.55	5.06	+0.66	5.33	+1.93	2.36	−0.94	4.34	+1.49	3.79	+0.49	51.09	+8.08
Allentown	3.95	+0.58	2.82	+0.01	2.37	−1.04	3.72	+0.14	4.06	+0.49	5.16	+1.26	6.87	+2.03	4.51	−0.05	5.03	+1.60	2.18	−1.08	4.93	+2.02	3.88	+0.69	49.48	+6.65
Bethlehem	3.22	−0.20	2.51	−0.64	2.46	−1.00	3.59	+0.36	4.25	+0.73	4.46	+0.39	5.93	+1.27	5.05	+0.75	3.92	+0.55	1.82	−1.38	4.77	+1.59	4.71	+1.46	46.69	+3.88
Blakeslee Corners	2.57		2.11		2.31		3.95		4.37		5.53		12.51		3.79		3.79		2.60		4.56		§4.33		§52.42	
Gouldsboro	3.45	+0.36	3.05	+0.17	1.98	−1.40	3.02	−0.60	7.87	+3.51	6.08	+1.33	10.28	+5.39	5.65	+1.24	5.63	+1.92	3.91	+0.04	6.47	+2.87	2.96	+0.07	60.35	+14.90
Lansford	3.26	+0.18	2.24	−0.37	2.75	−0.60	5.32	+1.57	7.17	+3.26	4.75	+0.19	9.76	+5.20	4.51	−0.23	7.00	+2.94	2.97	−0.90	6.38	+3.26	3.51	+0.16	59.62	+14.66
Mauch Chunk, 1 SW	3.33	−0.28	2.62	−0.84	3.12	−1.14	4.96	+1.12	5.94	+1.80	4.31	−0.11	13.18	+8.01	4.95	+0.17	7.11	+3.05	3.47	−0.40	§6.30	+2.62	4.56	+0.74	§63.85	+14.74
New Tripoli	3.90		2.71		4.61		5.78		4.68		8.99		4.34		5.70		8.04		2.64		5.70		4.29		58.39	
Palmerton	3.17	+0.38	1.96	−0.28	2.12	−0.97	3.99	+0.87	4.31	+0.63	4.26	−0.06	11.62	+6.96	4.19	+0.08	7.34	+3.62	2.77	−0.60	3.87	+0.81	3.36	+0.71	52.96	+12.15
Zionsville, 1 SW	3.57	−0.69	3.13	−0.75	2.14	−2.57	4.07	+0.06	5.64	+1.88	5.66	+1.16	6.45	+1.37	3.20	−1.49	4.80	+0.73	2.35	−1.31	5.60	+1.36	4.60	+1.09	51.21	+0.84
SCHUYLKILL																										
Conshohocken	2.40	−0.99	§2.81	−0.26	1.49	−1.91	§2.84	−0.66	§3.76	+0.39	5.27	+1.53	8.70	+4.25	4.89	+0.53	6.32	+2.53	§2.26	−1.27	5.62	+2.39	§4.22	+1.41	§50.58	+7.94
Fredericksville, 1 S	4.72		2.71		2.29		4.39		6.87		5.76		7.47		3.55		6.35		2.25		5.64		3.59		55.59	
Graterford	4.02	+0.81	3.08	+0.40	2.62	−0.80	3.91	+0.62	4.93	+1.25	4.25	+0.11	8.62	+3.53	3.38	−0.78	6.52	+3.38	1.78	−1.28	4.81	+1.78	4.61	+1.81	52.53	+11.15
Phoenixville, 1½ SE	4.13	+0.47	2.93	−0.06	2.19	−1.46	3.56	+0.01	5.55	+1.60	3.70	−0.19	6.29	+1.43	3.03	−1.87	4.97	+1.59	1.38	−1.90	5.45	+2.26	4.40	+1.23	47.58	+3.11
Port Clinton	2.94	−0.58	§2.40	−0.92	2.94	−0.93	4.92	+0.78	6.93	+2.79	4.35	−0.11	10.06	+5.16	4.30	−0.87	8.11	+4.06	2.45	−1.52	5.39	+2.58	4.59	+0.98	§59.38	+11.42
Pottstown, ½ S	3.73	+0.44	2.91	−0.27	2.39	−1.22	3.77	+0.51	4.63	+0.69	4.10	+0.27	7.46	+2.55	3.30	−0.55	7.03	+3.78	1.63	−1.43	4.79	+1.73	5.17	+1.90	50.91	+8.40
Pottsville	3.33	−0.38	1.94	−1.41	3.05	−0.89	5.18	+1.55	6.68	+2.37	3.90	−0.30	10.13	+5.12	4.67	−0.31	6.71	+2.72	2.85	−1.16	5.52	+2.11	3.57	−0.09	57.53	+9.33
Reading	3.71	+0.14	2.77	−0.65	2.19	−1.33	3.43	+0.16	4.79	+1.12	5.02	+1.47	7.50	+3.24	3.31	−0.90	6.87	+3.66	1.77	−1.35	5.07	+2.31	3.84	+0.28	50.27	+8.18
Wernersville, 1 W	2.76		2.68		2.33		3.69		4.96		5.00		6.98		4.90		6.78		2.11		6.19		3.79		52.17	
LOWER DELAWARE																										
Coatesville	2.95	−0.92	3.14	−0.48	1.96	−2.17	2.93	−0.82	4.45	+0.55	4.42	+0.21	6.37	+1.71	2.99	−1.59	6.71	+3.00	1.93	−1.50	5.13	+1.89	5.07	+1.31	48.03	+1.19
Doylestown	3.51	+0.10	2.81	−0.53	1.39	−2.25	4.83	+1.07	4.50	+0.64	5.80	+1.79	11.01	+6.08	4.10	−0.90	4.50	+0.76	1.88	−1.68	4.38	+1.19	4.26	+0.79	52.97	+7.06
George School	2.98	−0.41	2.65	−0.16	2.08	−1.37	3.33	−0.23	4.38	+0.91	5.49	+1.72	9.03	+4.40	3.48	−1.11	5.83	+2.26	2.66	−0.56	5.44	+2.38	4.95	+1.72	52.30	+9.55
Marcus Hook			2.59	−0.37	1.84	−1.58	4.13	+0.73	4.71	+1.59	4.22	+1.37	6.46	+2.25	6.50	+0.95	3.42	+0.49	1.96	−0.96	5.81	+2.58	4.63	+1.09	§§	
Philadelphia																										
Airport Station	2.86	−0.44	3.35	+0.03	1.72	−1.67	2.89	−0.16	3.85	+0.59	3.77	+0.53											4.02	−0.59	§§	
City Office	2.73	−0.57	3.15	−0.17	1.61	−1.78	2.95	−0.10	3.33	+0.07	3.98	+0.74	8.86	+4.71	3.75	−0.87	3.96	+0.82	1.90	−0.91	5.69	+2.99	5.05	+1.62	46.96	+6.55
Shawmont	3.78	+0.43	3.01	−0.04	1.74	−1.84	3.95	+0.55	§5.50	+2.13	6.46	+2.90	9.33	+4.75	5.19	+0.31	5.98	+2.65	3.03	−0.15	7.73	+4.67	5.92	+2.45	§61.62	−18.81
Quakertown, ½ E	3.95	+0.49	3.18	−0.18	2.06	−1.59	4.74	+1.29	4.89	+1.06	5.63	+1.69	6.32	+1.38	3.46	+1.05	5.44	+1.79	1.91	−1.51	5.64	+2.39	4.97	+1.60	52.19	+7.36
West Chester	3.64	−0.14	3.13	−0.55	2.21	−1.74	3.75	−0.01	4.99	+0.74	5.66	+1.41	10.23	+5.46	3.85	−0.88	4.98	+1.12	1.98	−1.64	5.40	+1.86	4.49	+0.70	54.31	+6.33
Westgrove, 1½ SE	4.55	+1.24	2.68	+0.27	2.06	−1.83	4.38	+0.92	4.89	+1.33	4.60	+0.71	7.99	+3.02	8.52	+3.30	4.07	+0.63	1.64	−1.71	5.23	+2.14	4.87	+1.87	55.48	+11.89
Susquehanna Basin																										
CHEMUNG																										
Austinsburg, 2 W	1.33				§§		2.55		5.00		2.35		§3.06		0.84		5.12		2.36		2.26		1.13		§§	
Covington	1.72		1.26		1.91		1.93		5.02		2.66		2.30		1.40		4.26		2.87		6.25		2.29		33.87	
Lawrenceville	2.55	+0.71	1.44	−0.28	2.44	+0.01	2.85	−0.01	6.02	+2.25	4.15	+0.35	3.38	−0.70	3.24	−0.56	5.69	+2.61	3.38	+0.54	4.61	+2.31	§1.39	−0.54	§41.14	+6.69
NORTH BRANCH																										
Berwick	3.40																				4.55		2.48		§§	
Canton, 1 NW	2.17		1.87		2.00		3.32		6.02		4.32		§3.61		2.17		4.75		3.26		6.13		2.12		§41.74	
Danville	2.72		1.83		3.11		4.49		7.23		5.75		4.12		3.82		6.36		3.26		5.13		2.33		50.15	
Freeland	3.36	+0.08	2.29	−0.69	2.37	−1.59	§4.09	+0.05	4.48	+0.39	3.82	−1.03	10.14	+4.93	§8.50	−0.65	5.62	+1.81	§2.46	−1.59	§5.94	+2.17	4.26	+0.77	§52.33	+4.65
Hop Bottom, 2 S	3.63		2.33		2.63		3.73		4.65		4.53		6.08		2.19		4.06		3.66		6.06		1.74		45.29	
Millville	1.89		1.77		2.48		4.39		4.74		3.32		§5.79		§4.30		5.72		2.95		4.75		1.80		§43.90	
Mouroeton, 2 S	2.52		1.92		2.93		3.17		6.19		4.52		4.77		1.96		4.42		3.10		6.12		1.58		43.20	
Montrose, 3 E	5.45	+2.88	2.90	+0.72	3.42	+0.62	4.07	+0.71	3.71	−0.19	5.14	+1.16	5.63	+1.58	2.79	−1.30	5.04	+1.18	3.95	+0.28	§6.50	+3.73	2.51	−0.06	§51.11	+11.31
Orwell, 3 N	2.49		2.10		3.14		3.19		4.80		4.74		4.64		2.24		4.03		3.14		5.81		1.40		41.72	
Park Place, 1 NW	1.87		1.72		2.84		4.83		5.31		3.53		12.23		2.97		6.07		2.62		5.54		2.89		52.42	
Pikes Creek	2.50		2.80		2.44		4.28		5.94		4.43		7.99		4.17		6.08		3.15		5.20		2.19		51.17	
Rush, 6 S									§5.05		3.82		5.24		2.35		4.60		3.26		5.63		2.07		§§	
Scranton	3.07	+0.04	2.55	−0.49	2.15	−1.05	3.71	+0.94	5.78	+2.51	4.30	+0.63	11.75	+7.72	5.37	+1.68	4.52	+1.35	3.29	+0.26	5.97	+3.20	1.26	−1.76	53.72	+15.03
Susquehanna							3.62	+0.95	3.86	+0.84									§§		6.03	+2.73	1.45	−1.33	§§	
Towanda, 1 E	2.29	+0.31	1.92	−0.02	2.44	−0.23	2.42	−0.50	4.97	+1.59	4.34	+0.63	4.83	+1.12	1.86	−1.48	5.01	+1.75	2.85	−0.17	5.11	+2.86	1.94	−0.27	39.98	+5.59
Tunkhannock	3.00		2.23		2.73		§3.12		5.86		2.69		7.40		3.01		4.81		2.69		6.02		§2.04		§45.60	
Wilkes-Barre, 3 N	2.15	−0.24	1.93	−0.65	2.80	−0.11	3.26	−0.33	5.94	+2.79	6.47	+2.49	10.05	+5.98	5.02	+1.24	10.39	+6.92	3.52	+0.42	4.47	+2.25	1.69	−1.04	57.69	+20.38
WEST BRANCH																										
Ansonia, 2 W	1.67	−0.30	1.50	−0.23	2.14	−0.15	2.66	−0.45	4.88	+1.28	3.50	−0.13	3.41	+0.06	1.58	−2.01	4.06	+1.00	2.96	+0.09	4.70	+2.39	1.63	−0.32	34.69	+1.23
Carrolltown	2.66		3.32		6.14		5.13		4.64		4.24		4.27		3.55		6.22		2.89		4.78		2.64		50.48	
Carter Camp	2.67		2.83		2.90		4.00		7.37		4.73		3.13		1.79		6.38		3.59		4.93		1.91		46.23	
Cedar Run	2.38	−0.20	2.42	+0.22	2.95	−0.01	3.55	+0.47	7.13	+3.55	5.36	+1.62	3.01	−0.56	3.05	−0.01	5.53	+2.79	2.79	−0.24	6.84	+3.87	2.01	−0.34	47.02	+11.16
Clearfield	2.57	−0.86	3.50	+0.89	5.90	+2.10	4.69	+0.97	4.95	+0.53	2.07	−2.45	4.63	+0.49	3.47	−0.58	6.10	+2.66	2.76	−0.42	5.56	+2.42	1.84	−1.30	48.04	+4.45
Coalport	2.48		§2.27		§4.84		4.55		§3.87		3.09		3.39		2.26		§7.31		3.38		4.40		2.47		§44.81	
Curwensville, 6 NW	2.96		3.97		6.11		5.43		6.02		3.36		5.40		2.55		7.21		2.98		5.60		2.25		53.84	
Driftwood	2.07		2.42		4.18		4.04		5.91		4.07		4.21				6.70		2.81		4.22		3.79		§§	
Dushore	2.21		1.48		2.59		3.36		5.91		4.65		6.31				6.39		2.33		3.60		4.73		§§	
Eagles Mere	3.24		3.67		2.88		4.78		7.14		4.99		7.59		4.99		7.33		4.13		6.99		3.18		60.91	

(Continued on next page)

Monthly and Annual Precipitation for the Year 1945, with Departures from the Normal—Continued.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
WEST BRANCH (continued)																										
Emporium, 1 E	2.21	−1.15	2.68	−0.15	3.80	+0.16	4.21	+0.69	5.75	+1.40	3.69	−0.69	5.12	+0.73	1.77	−1.96	7.82	+3.76	4.05	−0.84						
Galeton	2.19	−0.23	2.58	+0.61	3.14	−0.45	3.15	+0.17	6.14	+2.27	4.62	+1.03	4.95	+1.25	1.35	−2.38	6.48	+3.01	4.22	+1.08	4.92	+1.94	1.71	−0.77	45.45	+7.53
Karthaus	2.52		3.07		5.72		5.08		6.84		3.51		4.32		3.86		5.04		3.53		5.68		2.14		51.30	
Lock Haven	2.08	−0.86	2.37	−0.17	3.78	+0.25	5.43	+1.98	6.21	+2.19	3.88	−0.23	3.89	−0.18	3.82	−0.73	6.14	+2.76	2.94	−0.26	6.57	+4.03	2.48	−0.41	49.04	+8.37
Medix Run	1.61		2.64		4.47		3.79		5.65		3.55		5.20		2.15		6.96		3.35		5.51		2.19		47.07	
Philipsburg Arpt., 7 E	3.04		3.26		6.33		5.28		7.36		4.91		3.86		2.67		7.83		2.83		7.51		2.59		57.47	
Renovo	2.03	−0.59	2.00	−0.30	4.02	+0.90	3.82	+0.52	5.81	+1.98	3.37	−0.77	3.91	−0.15	2.39	−1.13	3.90	+0.98	3.02	−0.03	6.72	+4.08	2.41	−0.16	43.40	+5.33
State College	1.84	−1.07	2.33	−0.24	4.49	+1.18	4.38	+0.94	6.09	+2.04	3.19	−0.90	2.63	−1.22	3.00	0.47	6.50	+3.48	2.26	−0.66	6.36	+3.86	2.29	−0.36	45.36	+6.53
Tamarack, 2 S	2.68		1.87		3.49		3.98		6.76		4.42		3.25		3.59		5.29		2.85		5.81		2.16		46.15	
Tyrone, 4 NE	1.48		2.50		5.39		4.37		6.46		3.24		3.71		2.77		8.27		1.67		5.40		1.99		47.25	
Wellsboro	1.73	−0.64	1.56	−0.60	2.01	−0.98	2.62	−0.65	6.50	+2.71	3.00	−0.79	3.60	−0.04	1.61	−1.92	5.04	+1.96	3.12	+0.14	6.08	+3.46	1.60	−0.79	38.45	+1.86
Williamsport, 4 E	1.91		2.25		4.03		3.44		6.01		3.07		3.31		2.93		6.36		3.79		6.14		2.61		45.85	
Williamsport	2.19	−0.63	1.89	−0.58	3.94	+0.60	3.46	−0.01	5.79	+2.21	3.09	−0.62	3.48	−0.27	3.15	−0.82	6.10	+2.82	2.99	−0.41	7.03	+4.28	2.84	−0.02	45.95	+6.55
Williamsport, 4 SE	2.41		2.58		4.15		4.02		6.62		4.30		3.77		4.05		7.87		3.61		6.87		3.05		53.30	
JUNIATA																										
Altoona, 4½ W	1.73	−1.20	2.77	+0.42	5.80	+2.58	5.32	+1.87	5.86	+1.78	2.43	−1.67	4.63	+0.69	5.65	+2.21	6.19	+3.12	2.95	+0.06	5.29	+2.88	2.39	−0.39	51.01	+12.35
Breezewood, ½ E	1.71		1.51		3.38		4.20		4.20		4.69		4.68		4.64		5.44		1.30		4.65		2.04		42.44	
Buffalo Mills	1.96	−0.57	1.94	−0.11	2.71	−0.51	3.75	+0.23	3.69	+0.34	3.06	−0.47	4.38	+0.89	4.93	+1.74	5.73	+2.81	0.75	−2.13	4.20	+1.76	2.01	−0.19	39.11	+3.79
Burnt Cabins, 2 NE	2.44		1.46		2.77		3.88		5.93		2.91		4.54		3.44		5.10		1.07		6.59		2.76		$42.89	
East Waterford, 3 E	2.64		1.63		3.16		4.47		5.27		3.12		3.74		6.05		5.85		1.56		6.70		3.15		46.34	
Everett, ½ SW	2.21	−0.69	1.76	−0.45	2.79	−0.51	3.91	+0.71	4.46	+0.84	3.80	−0.87	5.28	+1.87	5.12	+1.30	6.15	+3.10	1.10	−1.65	4.78	+2.67	1.85	−0.97	43.21	+4.85
Huntingdon	2.00	−1.11	1.87	−0.74	6.00	+2.45	4.48	+1.01	4.28	+0.13	4.15	+0.06	2.66	−1.27	5.29	+1.42	8.10	+4.74	2.07	−0.85	6.60	+1.14	2.29	−0.60	49.79	+9.38
Lewistown, 1 W	$1.84		$1.55		3.54		5.05		6.41		3.17		3.18		4.06		$8.25		2.02		6.20		2.27		$47.51	
Mapleton Depot	1.72		1.43		3.86		4.74		4.68		4.04		2.33		5.99		6.44		1.64		5.99		2.19		45.05	
Martinsburg	1.38		1.68		3.71		4.49		4.07		5.34		4.27		5.34		6.02		1.60		5.23		2.05		45.18	
McConnellstown, 4 NW	$2.06		2.06		5.74		5.23		5.43		3.42		4.97		4.51		8.85		1.94		6.11		2.29		$52.61	
Neffs Mills 3½ NE	1.74		2.15		3.81		4.53		5.49		3.24		3.39		3.91		6.74		2.33		5.73		2.18		45.24	
New Bloomfield	3.10		1.58		3.34		4.12		6.55		2.03		7.42		4.11		4.99		1.43		8.05		3.20		49.92	
Newport	2.77	−0.18	1.43	−0.78	2.40	−1.20	4.42	+0.82	6.27	+2.24	2.67	−0.97	6.72	+2.37	3.68	−0.44	4.60	+1.11	1.32	−2.38	8.14	+4.97	2.73	−0.21	47.15	+5.35
Saxton, 1 W	$1.79		$1.76		$3.36		3.46		$4.13		4.27		2.98		4.57		6.91		1.28		4.66		$2.58		$41.75	
Shade Gap, ½ SW	1.99		1.68		2.69		4.34		4.89		2.44		5.59		4.58		5.57		1.21		5.77		2.58		43.28	
LOWER SUSQUEHANNA																										
Arendtsville	2.76	−0.19	1.96	−0.63	2.14	−1.61	6.00	+2.29	5.59	+1.50	2.32	−1.79	3.59	−0.19	5.44	+1.43	6.02	+2.28	0.75	−2.86	6.49	+3.41	3.31	+0.18	46.37	+3.82
Bloserville, 1½ N	3.18	+0.03	2.16	−0.17	2.64	−0.68	4.72	+0.85	7.47	+3.18	2.02	−2.72	6.15	+1.18	6.81	+1.58	6.22	+2.40	1.59	−2.18	7.66	+4.61	3.54	+0.59	54.16	+8.62
Carlisle	3.49	+0.35	2.06	−0.83	2.26	−1.26	5.10	+1.56	4.10	+0.29	2.08	−1.87	4.77	+0.87	5.85	+1.45	6.06	+2.60	1.20	−2.18	7.01	+3.91	3.62	+0.70	47.60	+5.59
Columbia	3.42		2.43		2.19		3.90		3.73		4.75		11.53		3.68		5.72		1.91		4.98		3.90		52.14	
Dauphin, 3 N	3.62		1.50		2.27		3.96		7.45		2.85		4.52		4.08		5.45		1.60		6.02		2.55		45.87	
Ephrata	3.13	+0.12	2.75	−0.12	1.92	−1.54	4.16	+0.76	4.84	+1.43	5.54	+1.17	8.27	+3.63	3.59	−1.05	9.10	+5.53	1.72	−1.49	4.12	+1.48	4.02	+0.93	53.16	+10.85
Glen Rock	3.30		2.57		1.88		4.04		3.45		4.53		7.93		4.54		5.43		1.20		4.15		3.80		46.82	
Gordon	$3.33	−0.21	1.83	−1.26	3.57	−0.38	4.80	+0.70	6.96	+2.72	4.05	−0.37	11.03	+6.12	3.49	−0.91	6.55	+2.64	2.87	−1.31	5.49	+2.09	4.23	+0.48	$58.20	+10.31
Grantville, 2 SW	3.07		2.40		2.98		5.78		7.78		3.67		10.33		5.81		6.15		1.63		5.75		4.03		59.38	
Hanover	3.18	+0.04	2.10	−0.50	1.71	−1.69	4.23	+0.67	3.65	+0.23	1.82	−2.13	9.85	+5.49	4.80	+0.49	3.58	+0.36	1.16	−2.01	5.10	+2.61	3.42	+0.40	44.60	+3.96
Harrisburg Arpt., 3½ S	3.34	+0.25	2.02	−0.94	1.95	−1.09	4.09	+1.40	5.26	+1.82	3.95	+0.36	8.52	+4.69	4.76	+0.72	5.41	+2.36	1.07	−1.86	5.54	+3.28	3.32	+0.30	49.23	+11.29
Holtwood	3.89	+0.86	2.14	−0.27	1.51	−1.58	2.41	−0.61	2.65	−0.17	3.44	+0.09	7.77	+3.84	5.33	+1.11	3.69	+1.04	1.28	−1.43	3.83	+1.37	3.35	+0.86	41.29	+5.11
Huntsdale	2.75		1.60		2.07		3.67		$5.98		1.79		$6.60		6.39		5.33		1.06		7.27		3.18		$47.69	
Kirkwood, 1 SW	2.87		2.50		1.76		2.68		3.32		5.24		10.49		4.60		4.22		1.54				3.75		§§	
Lancaster	3.48	+0.32	2.46	−0.16	2.24	−1.25	4.31	+0.80	3.91	+0.60	5.42	+1.42	9.66	+5.25	5.05	+0.70	4.16	+0.78	2.08	−1.09	4.42	+1.77	4.08	+0.97	51.27	+10.11
Lebanon	2.75	−0.57	2.41	−0.68	2.43	−1.20	4.32	+0.85	7.06	+3.22	3.20	−0.98	10.19	+5.74	4.63	+0.29	5.98	+2.51	1.66	−1.90	5.24	+2.29	3.39	+0.06	53.26	+9.63
Middletown, 1½ W	2.69	−0.17	2.18	−0.16	2.19	−1.46	4.07	+0.57	4.79	+1.13	2.89	−1.05	9.92	+6.21	5.04	+0.70	4.95	+1.29	1.41	−2.17	5.48	+2.77	3.59	+1.06	49.20	−8.72
Millersburg, 2 E	2.15		1.33		2.22		3.64		8.49		5.09		$5.75		4.50		4.75		1.50		4.67		2.42		$46.51	
Milroy			$2.13		$4.39														2.66		6.43		$2.27		§§	
Newburg, 2½ NW	$2.55		$1.68		2.92		4.19		6.22		2.75		3.72		4.48		7.32		1.06		8.20		2.82		$47.91	
New Park	4.99	+1.79	2.33	−0.31	2.49	−1.08	4.33	+0.35	4.58	+1.15	5.91	+1.87	11.82	+7.57	4.97	−0.08	6.18	+2.59	1.89	−1.68	4.78	+1.72	4.75	+1.86	59.02	+15.75
Pine Grove, 1½ NE	2.82	−0.36	1.93	−0.81	3.07	−0.60	5.21	+1.45	7.20	+3.25	5.11	+0.32	11.51	+6.63	4.58	+0.46	5.52	+1.70	2.22	−1.78	$6.23	+2.68	3.35	+0.27	$58.75	+13.16
Selinsgrove	3.63	+0.62	1.73	−1.00	2.46	−1.23	4.77	+1.22	5.91	+1.87	5.43	+1.51	5.41	+1.37	4.48	+0.54	7.28	+3.85	2.29	−1.28	6.01	+3.17	3.38	+0.34	52.78	+10.98
Shamokin	3.19	+0.34	1.76	−0.88	2.73	−0.62	4.15	+0.37	6.10	+2.00	5.22	+0.70	$6.75	+2.27	4.22	+0.24	5.70	+2.16	2.61	−0.96	5.64	+2.71	2.68	−0.23	$50.75	+8.10
Shippensburg	2.76	−0.31	2.01	−0.31	$1.94	−1.53	4.60	+0.86	4.69	+0.99	1.83	−1.61	2.76	−0.93	5.30	+1.12	6.46	+3.00	1.21	−2.34	6.89	+3.84	3.53	+0.37	$43.98	+3.15
Sunbury	3.40	+0.50	1.64	−0.73	2.48	−0.78	4.62	+0.95	6.88	+2.59	5.15	+1.23	5.30	+1.29	4.58	+0.83	5.81	+2.43	2.48	−0.96	6.48	+3.40	3.35	+0.45	52.17	+11.20
Williamstown	§§		$1.51	−0.52	2.82	−0.45	5.11	+1.66	7.66	+3.69	5.05	+0.77	9.90	+5.31	4.32	+0.16	5.00	+1.00	1.89	−1.89	6.79	+2.91	$8.22	+0.13	§§	
Woodward, 2 NE	1.60		1.99		3.87		3.90		5.86		4.67		3.14		3.20		6.97		2.85		7.64		2.16		47.85	
York, 3 SW	3.71	+0.71	2.26	−0.46	2.17	−1.13	4.53	+1.28	5.08	+1.62	3.35	−0.40	9.44	+5.16	7.48	+3.17	3.91	+0.57	1.29	−1.93	4.02	+1.41	3.50	+0.62	50.74	+10.62
York Haven	2.91	+0.26	1.94	−0.38	2.27	−0.86	4.47	+0.95	4.29	+0.76	5.35	+1.35	9.33	+5.28	5.82	+1.81	4.37	+0.92	1.29	−2.19	5.11	+2.46	2.87	+0.25	50.02	+10.61
Potomac Basin																										
Chambersburg, 1 SW	3.37	+0.56	1.71	−0.93	2.27	−0.99	5.23	+2.02	$4.82	+1.18	1.93	−2.02	3.54	−0.22	4.77	+0.89	6.03	+2.94	1.09	−2.20	6.71	+3.92	3.59	+0.87	$45.06	+5.97
Gettysburg	2.86	−0.23	2.18	−0.50	1.60	−1.73	5.20	+1.55	4.28	+0.36	1.56	−2.22	4.73	+0.91	5.17	+1.16	5.55	+2.03	0.53	−2.80	6.18	+3.29	3.72	+0.57	43.51	+2.39
Hewitt, 2 SW	2.32		2.12		2.44		4.59		$3.92		4.33		5.70		7.00		6.41		0.79		4.27		$1.95		45.84	
Hyndman	1.59	−1.28	2.19	−0.04	2.58	−0.70	3.13	−0.39	3.98	+0.83	3.18	−0.95	5.01	+1.74	3.63	−0.06	5.34	+2.48	0.50	−2.56	4.30	+2.19	1.75	−0.81	37.18	+0.45
McConnellsburg	2.25		1.56		2.39		3.65		5.76		1.82		3.13		4.46		4.73		0.87		5.35		3.00		38.97	
Mercersburg	2.39		2.10		2.18		4.36		5.82		2.24		2.47		4.41		7.43		1.03		6.29		3.64		44.35	
South Mountain	3.46		2.22		2.26		6.67		6.06		2.46		2.55		7.13		6.67		1.38		7.56		3.32		51.74	
GULF DRAINAGE *Ohio Basin*																										
ALLEGHENY																										
Acmetonia	2.95	−0.44	3.18	+0.55	7.60	+3.99	4.09	+0.66	4.67	+0.90	3.56	−0.82	3.41	−0.70	2.30	−1.55	7.59	+4.40	2.86	−0.16	4.71	+2.16	2.10	−0.97	49.02	+8.02
Allens Mills	2.22		4.20		6.31		6.41		5.44		3.81		5.39		2.72		7.34		3.96		5.77		$2.47		56.04	
Blairsville, 6 NE	2.37		2.92		7.58		5.67		5.85		4.64		3.80		5.12		7.57		3.42		5.47		2.22		56.62	
Boswell, 6 NW	4.06		4.37		5.83		4.22		5.60		5.15		7.00		5.63		9.06		3.11		5.78		2.63		62.44	
Bradford, 4 W	2.60	0.41	3.29	+0.70	6.06	+2.75	4.11	+0.45	5.05	+1.25	7.10	+2.44	5.44	+1.36	2.72	−0.62	5.88	+1.69	5.51	+1.93	5.48	+1.98	2.19	−0.82	55.43	+12.70
Brookville, 1½ SW	2.03	−1.10	3.90	+1.48	6.27	+3.00	5.70	+2.58	5.09	+1.36	3.93	−0.31	3.78	−0.57	2.84	−0.92	4.80	+1.64	3.40	+0.38	5.46	+2.40	2.03	−1.06	49.23	+8.88
Buckstown	2.80		3.05		4.47		3.43		3.55		5.15		5.19		3.27		$5.27		1.53				$1.67		§§	
Clarion, 3 SW	1.86	−1.99	3.78	+1.14	5.90	+2.22	5.45	+1.91	4.46	+0.72	5.20	+1.04	2.69	−1.70	2.07	−2.17	7.14	+3.63	3.64	+0.40	4.82	+1.49	2.19	−1.33	49.15	+5.36

(Continued on next page)

Monthly and Annual Precipitation for the Year 1945, with Departures from the Normal—Continued.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ALLEGHENY (continued)																										
Corry	2.48	−0.78	3.07	+0.08	4.87	+1.39	4.44	+0.78	4.16	+0.29	6.03	+1.24	2.42	−0.70	3.32	−0.16	8.38	+4.40	6.57	+2.79	3.51	−0.43	2.32	−1.16	51.57	+7.74
Coudersport	2.56	−0.52	2.81	−0.07	2.77	−0.96	4.37	+0.07	7.78	+3.44	4.33	−0.30	5.87	+1.34	1.41	−2.08	5.62	+2.46	3.62	−0.02	4.71	+2.01	2.85	−0.11	48.70	+5.26
Derry	3.28	−0.40	3.23	+0.21	7.01	+2.90	4.71	+0.89	5.23	+1.27	3.39	−1.41	3.33	−1.26	3.22	−1.00	7.18	+4.02	3.11	−0.10	4.93	+2.11	1.82	−1.47	50.44	+5.83
Donegal	5.55		3.57		5.43		4.45		4.72		4.33		7.22		4.15		6.49		2.87		5.55		1.33		55.66	
Dunlo, ½ SW	2.02		2.58		§5.58		§§		4.42		2.84		5.06		5.41		5.02		2.10		§5.26		§2.10		§§	
Ebensburg	2.04	−1.15	§3.05	+0.28	6.79	+3.30	3.68	+0.18	§5.70	+1.31	3.53	−1.06	6.50	+2.38	4.97	+0.93	6.05	+2.63	2.22	−0.96	4.81	+1.76	2.51	−0.51	§51.85	+9.09
Ford City, 4 S	2.11		3.15		§7.66		5.35		3.83		3.94		2.37		3.94		7.92		2.36		4.89		1.70		§39.22	
Franklin	1.47	−1.93	1.94	−0.76	4.86	+1.43	3.61	+0.43	3.98	+0.34	3.16	−1.14	4.83	+0.40	2.95	−0.71	7.92	+4.40	4.79	+1.65	3.81	+0.70	1.65	−1.54	44.97	+3.27
Glen Hazel, 1 NE	2.08		3.65		4.75		4.92		4.76		5.07		9.84		2.28		7.26		4.31		5.53		1.93		56.38	
Home	1.70		3.21		§7.12		4.97		4.27		3.62		§3.96		5.85		5.86		3.24		§5.13		1.99		§50.92	
Indiana	2.16	−1.49	§3.05	+0.14	6.96	+3.04	4.92	+0.95	5.01	+0.82	4.86	+0.05	§3.05	−1.55	4.16	+0.12	7.60	+3.88	3.23	−0.16	4.84	+1.91	2.27	−1.03	§52.11	+6.58
Johnstown, ½ W					5.94	+1.72	4.10	+0.03	4.48	+0.04	3.84	−1.17	7.49	+3.01	4.80	+0.41	5.61	+2.13	1.94	−1.07	4.64	+1.67	2.49	−1.10	§§	
Kane, 1 N	1.83	−1.71	2.48	−0.47	§1.53	+0.72	4.79	+0.91	5.29	+0.79	5.28	+0.54	7.03	+2.86	2.26	−1.35	7.04	+3.27	4.80	+1.08	5.64	+2.17	2.52	−0.82	§53.49	+7.99
Kregar, 4½ SE	5.69		4.92		7.46		4.90		6.99		4.76		7.19		5.65		8.39		2.57		6.76		4.11		§69.39	
Lycippus, 1½E	§3.29	−0.60	3.66	+0.49	7.19	+3.04	4.62	+0.66	5.53	+1.27	5.62	+0.77	3.31	−1.41	3.97	−0.42	7.23	+3.90	3.07	−0.12	5.45	+2.62	3.28	−0.27	§56.22	+9.98
Marienville	§2.18		§3.98		§6.14		§4.74		§4.31		§4.95		§6.94		§1.43		6.56		§3.85		§4.71		§2.62		§52.41	
Meadville, 1 S	2.08	−1.05	2.78	+0.10	4.22	+1.02	2.84	−0.50	4.30	+0.26	3.81	−0.23	3.52	−0.63	2.98	−0.67	6.51	+2.91	6.50	+3.09	3.20	−0.20	1.82	−1.24	44.56	+2.86
Mosgrove	3.12	−0.71	4.10	+1.36	7.37	+3.70	5.36	+2.03	4.93	−0.22	3.00	−1.60	3.28	−1.28	4.39	+0.26	6.09	+2.90	2.80	−0.29	4.79	+2.30	2.92	−0.55	52.15	+7.90
Parkers Landing	1.98	−1.69	3.70	+0.89	6.17	+2.42	4.85	+1.27	4.21	+0.54	5.10	+0.98	2.83	−1.20	3.05	−0.88	8.46	+5.27	3.70	+0.73	4.38	+1.41	1.83	−1.66	50.26	+8.08
Pittsburgh W. B. O.	1.73	−1.32	3.25	+0.63	6.04	+3.01	3.63	+0.71	5.76	+2.55	2.87	−0.94	2.56	−1.49	1.75	−1.48	8.84	+6.26	2.39	−0.13	3.66	+1.37	2.12	−0.74	44.60	+8.43
Port Allegany	1.73		2.98		3.80		4.46		4.99		6.11		6.31		2.12		6.33		4.25		4.67		1.77		49.52	
Punxsutawney	2.37	−0.63	3.63	+1.31	6.73	+3.43	5.36	+2.06	5.29	+1.71	2.02	−2.40	5.96	+2.07	4.51	+1.02	7.24	+3.92	3.02	−0.03	5.86	+3.45	2.10	−0.86	54.09	+15.05
Putneyville, 2½ SE	2.52		3.89		7.02		5.59		4.75		2.91		4.07		4.69		7.13		3.15		5.24		2.45		53.41	
Ridgway	2.03	−0.80	2.85	+0.54	5.39	+2.25	4.74	+1.63	5.29	+1.34	4.79	+0.58	6.63	+2.38	2.53	−0.67	9.03	+5.74	4.20	+1.12	5.26	+2.33	2.18	−0.55	54.92	+15.89
Saltsburg	2.83	−0.69	2.83	+0.02	6.28	+3.09	4.45	+1.20	3.97	+0.61	3.83	−0.58	3.03	−1.00	4.30	+0.40	8.34	+4.83	2.93	−0.23	4.09	+1.74	2.16	−0.94	49.04	+8.47
Seward	4.10		3.29		6.07		4.48		5.34		3.75		4.64		4.77		7.00		2.68		4.76		2.57		53.45	
Sheffield, 6 W	2.63		5.11		5.06		4.98		4.66		5.54		6.34		2.04		8.75		5.50		4.99		2.73		58.53	
Smethport, 1 SW	§1.49		§3.54		§4.37		§4.40		§4.82				§§		§1.89		§6.96		§4.09		§5.44		§2.06		§§	
Strongstown	1.28		3.08		5.37		4.55		4.23		5.23		3.96		4.77		7.09		2.96		4.98		1.96		49.46	
Tionesta, 1½ SE	1.90		3.71		5.46		4.61		3.70		5.67		3.81		3.03		6.31		4.82		4.62		2.09		49.73	
Titusville, 2 S	2.37		3.35		4.80		4.19		3.79		3.51		3.06		1.58		8.03		5.30		4.43		2.08		46.49	
Union City	1.36		2.73		3.72		2.13		2.97		5.71		2.60		3.98		§6.87		§6.27		3.08		§1.86		§44.28	
Vandergrift	1.99	−0.70	2.68	+0.21	8.13	+4.90	4.98	+1.88	3.72	+0.14	3.88	−0.59	3.49	−0.60	2.66	−1.35	8.01	+4.85	3.18	+0.06	4.72	+2.18	§2.01	−0.77	§49.45	+10.21
Warren	§2.04	−0.79	3.28	+0.70	4.88	+1.61	3.72	+0.19	3.04	−1.16	6.33	+1.89	4.75	+0.33	3.81	+0.08	6.16	+2.40	6.41	+2.89	4.69	+1.22	2.77	−0.38	51.88	+8.98
Youngsville											4.99		§4.72		3.28		6.92		4.78		4.45		2.26		§§	
MONONGAHELA																										
Confluence, 1½ NW	2.18	−1.80	4.48	+1.55	5.30	+1.45	3.44	−0.25	4.86	+0.87	3.06	−1.62	4.39	−0.19	3.78	−0.59	7.47	+4.37	2.50	−0.55	4.99	+2.28	2.11	−1.44	48.56	+4.08
Connellsville	2.52		3.37		6.14		3.70		3.88		2.76		4.40		4.01		6.46		2.31		4.18		1.34		45.07	
Donora	2.07	−0.65	2.79	+0.55	6.71	+3.20	4.49	+1.34	3.90	+0.81	3.16	−0.20	2.90	−0.87	2.85	−0.57	8.12	+5.35	1.82	−0.82	4.61	+2.44	1.67	−0.92	45.09	+9.66
Greensboro	2.93	−0.42	4.07	+1.48	5.95	+2.29	3.70	+0.43	3.65	−0.04	5.92	+1.28	4.16	−0.27	2.68	−0.96	8.55	+5.42	1.85	−1.15	4.70	+2.10	2.04	−1.11	50.20	+9.06
Greensburg, 2 S	2.57	−0.82	2.94	+0.03	6.62	+2.99	4.15	+0.37	4.19	+0.15	2.97	−1.43	2.09	−1.71	3.35	−0.84	7.37	+4.13	2.52	−0.54	4.70	+2.11	1.53	−1.63	45.00	+2.81
Irwin	2.87	−0.02	3.01	+0.56	6.74	+3.20	3.88	+0.57	5.85	+2.42	4.22	−0.19	2.83	−1.04	3.17	−0.76	9.24	+6.32	2.75	−0.09	4.49	+2.03	2.04	−0.92	51.09	+12.08
Meyersdale	2.42		3.35		3.93		3.17		3.80		2.55		4.18		3.51		6.77		1.45		4.76		1.76		41.65	
Murrysville	§2.18		2.83		6.00		4.13		4.02		3.47		2.51		2.32		8.28		2.71		4.02		§§		§§	
Newell	§§		2.10	−0.13	5.07	+1.98	4.12	+0.92	3.93	+0.62	4.19	+0.13	2.25	−1.25	2.44	−1.28	9.08	+6.12	1.83	−0.84	4.58	+2.00	§2.26	−0.15	§§	
Pittsburgh (Airport)	3.02	−0.03	2.78	+0.16	5.97	+2.94	3.81	+0.89	5.06	+1.85	3.65	−0.16	2.74	−1.31	2.50	−0.73	10.08	+7.50	2.39	−0.13	3.79	+1.50	2.41	−0.45	48.20	+12.03
Rices Landing	2.83		3.19		5.49		4.14		3.10		3.35		4.43		1.68		8.41		1.63		4.47		1.82		44.54	
Somerset	2.67	−1.57	3.69	+0.08	4.45	+0.19	3.61	−0.88	4.29	−0.55	3.74	−1.28	3.56	−1.06	4.36	−0.13	6.32	+2.84	2.05	−1.03	5.66	+2.43	2.12	−1.59	46.52	−2.55
Springs, 1 SW	2.65	−1.01	4.56	+1.41	4.36	+0.66	4.26	+0.26	5.41	+1.24	3.97	−1.28	7.46	+3.02	4.54	−0.07	9.64	+6.22	2.29	−1.23	6.15	+3.10	2.63	−0.61	57.95	+11.71
Uniontown	2.98	−0.55	3.52	+0.60	6.30	+2.30	3.78	+0.02	4.10	−0.01	4.53	−0.22	5.24	+0.43	2.63	−1.89	8.81	+5.59	2.54	−0.74	5.09	+2.03	2.01	−1.30	51.53	+6.26
Waynesburg	2.09	−1.09	2.92	+0.59	§5.30	+1.08	3.99	+0.46	3.83	−0.22	3.32	−0.88	3.06	−1.19	1.97	−2.11	9.03	+5.48	1.73	−1.07	4.23	+1.78	2.11	−0.72	§43.58	+2.11
BEAVER																										
Beaver Falls	1.76	−1.05	2.16	−0.09	6.04	+2.99	4.67	+1.60	3.62	+0.23	3.04	−0.93	2.14	−1.20	0.78	−2.54	8.35	+5.34	3.18	+0.57	4.12	+1.78	1.62	−0.90	41.48	+5.80
Butler	1.61	−1.16	3.35	+1.00	6.96	+3.42	4.76	+1.33	4.27	+0.67	2.73	−1.70	2.86	−1.38	2.26	−1.59	5.63	+2.50	4.24	+1.02	4.20	+1.36	§1.95	−0.77	§44.82	+4.70
Farrell	1.37	−1.06	2.91	+1.01	4.81	+2.00	3.14	+0.08	3.99	+0.66	2.27	−1.19	1.62	−1.97	3.09	−0.59	5.49	+2.65	4.15	+1.16	3.29	+0.91	2.03	−0.36	38.16	+3.60
Greenville	§1.24	−2.04	2.71	+0.20	4.66	+1.23	3.06	−0.32	3.98	+0.36	1.94	−2.00	3.00	−1.05	2.01	−1.56	5.73	+2.28	5.14	+1.80	3.37	+0.40	1.50	−1.25	§38.34	−1.95
Jamestown, 2 NW	1.04	−1.52	2.14	−0.02	4.14	+1.23	2.82	−0.49	3.90	+0.40	2.63	−0.78	4.63	+0.91	3.49	−0.28	7.47	+4.01	6.00	+3.21	3.29	+0.66	1.39	−0.88	42.94	+6.45
Mercer (Arpt.), 2½ NE	1.14		2.89		4.45		4.11		4.25		2.57		1.62		2.20		7.03		4.95		3.39		1.82		40.42	
New Castle, 1½ N	1.92	−0.99	3.04	+0.68	5.72	+2.63	4.49	+1.42	3.76	+0.29	2.71	−1.49	3.79	−0.39	2.32	−1.02	6.58	+3.50	3.95	+1.22	3.46	+1.00	2.14	−0.47	43.88	+6.38
Pennline, 1 S	1.35	−1.16	2.36	+0.05	3.66	+0.69	3.82	+0.33	3.62	−0.03	4.76	+1.09	3.65	−0.01	2.19	−1.53	8.25	+4.25	6.96	+3.79	2.65	−0.42	1.67	−1.03	44.94	+6.02
OHIO																										
Claysville	2.71	−0.41	3.31	+0.80	7.01	+3.38	4.03	+0.52	5.38	+1.59	3.91	−0.52	3.02	−1.20	3.72	−0.16	9.43	+6.19	2.46	−0.61	4.26	+1.78	2.00	−0.90	51.24	+10.46
Coraopolis, 1 E	2.16	−0.83	3.37	+0.92	6.72	+3.38	3.86	+0.79	4.22	+0.95	4.30	−0.28	2.99	−0.83	2.04	−1.10	7.24	+4.36	2.44	−0.24	4.22	+1.83	1.74	−1.06	45.30	+7.89
Midland	1.95		3.32		7.72		4.51		3.94		3.43		3.11		2.82		8.20		2.93		4.38		1.80		48.11	
Mt. Lebanon	2.23	−0.33	3.20	+0.70	6.98	+3.29	4.12	+0.67	5.11	+1.17	3.28	−1.05	4.27	+0.41	1.82	−2.04	9.69	+6.42	3.02	−0.06	3.85	+1.30	1.95	−0.56	49.52	+9.92
Washington	§1.64		3.17		6.08		3.67		4.44		3.12		3.65		§2.18		§7.62		§1.78		§§		1.81		§§	
LAKE DRAINAGE																										
Albion	2.35		2.60		4.47		§3.36		§3.43		§4.47		2.13						6.09		2.55		2.03		§§	
Erie	3.01	+0.24	2.47	−0.11	4.52	+1.90	3.62	+0.89	2.88	−0.52	4.85	+1.51	2.69	−0.32	2.26	−1.01	7.62	+4.23	6.11	+2.42	2.97	−0.33	1.97	−0.86	44.97	+8.04
Raymond	§§		§2.50		§§		§§		7.20		§5.68		§5.64		1.59		§§		§§		§4.07		§2.08		§§	
For The State	2.68	−0.48	2.66	−0.15	3.88	+0.35	4.17	+0.72	5.12	+1.20	4.07	−0.06	5.75	+1.47	3.79	−0.37	6.42	+2.97	2.75	−0.52	5.25	+2.35	2.73	−0.36	49.27	+7.12

Italics, data interpolated. § Partially interpolated. §§ Incomplete.

Monthly and Annual Mean Temperatures for the Year 1945, with Departures from the Normal

STATIONS.	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Albion	[d]16.6	.....	27.8	....	[e]49.0	.....	[d]52.4	.....	[d]52.3	.....	§64.8	....	§69.7	.....	.....	.....	.....	.....	50.0	.....	42.2	.....	23.8	.....	§§	.....
Allentown Arpt., 4 NE.	19.5	−9.8	28.7	−1.1	48.2	+10.5	52.6	+3.9	57.0	3.5	68.4	−1.4	73.0	−1.2	70.5	−1 6	66.7	+1.9	52.0	−1.0	42.6	+0.6	26.3	−6.4	50.4	−0.8
Allentown (Coop)	21.8	−7.1	30.2	+0.7	48.8	+10.6	52.8	+4.0	57.4	−3.4	68.6	−1.2	72.9	−1.1	70.6	−1.3	67.3	+2.1	52.8	−0.3	43.8	+1.3	27.4	−4 4	51.2	0.0
Altoona, 4½ W	20.8	−6.7	28.9	+1.3	48.6	+11.2	52.2	+4.1	55.6	−3.6	66.0	−0.8	70.3	−0.6	69.1	0.0	64.6	+1.5	51.6	−0.5	40.4	−0 1	24.3	−5.4	49.4	+0.1
Arendtsville	24.6	−5.3	31.6	+0.1	51.2	+11.3	53.6	+3.7	58.0	−3.1	70 0	−0.7	73.0	−1.4	71.0	−1.5	67.4	+1.5	52.5	−1.6	43.8	+1.0	27.9	−4.9	52.0	−0.1
Bethlehem	22.6	−7.7	30.4	−0.8	50.6	+10.2	52.9	+1.6	57.4	−5.1	69.4	−1.3	72.4	−2.6	70.3	−2.9	67.7	+0.8	53 0	−2.7	43.2	−1.2	28.4	−4.9	51.6	−1.3
Bradford, 4 W	15.0	−8.7	26.3	+0.1	41.8	+6.8	49.2	+4.0	51.9	−3.7	62.6	−2.9	§66.4	−2.0	§65.6	−1.1	§62.8	+2.5	48.1	−1.3	38.4	−0.4	22.2	−5.4	§45.8	−1 1
Brookville	16.6	−8.0	26.0	+1.2	44.8	+11.2	49.1	+4.2	51.4	−4.4	63.4	−0.6	69.0	+0.9	66.6	+0.5	63.1	+2.7	47.6	−1.6	38 8	+1.1	23.0	−4.9	46.6	+0 2
Burnt Cabins, 2 NE	23.0	.....	[b]31.0	.....	50.0	.....	53.0	.....	57.2	.....	68.2	.....	72.6	.....	70.6	.....	66.6	....	51.0	.....	41.8	....	26.2	.....	50.9	....
Butler	21.4	−7.6	30.6	+2.2	49.4	+11.3	53.9	+5.6	56.4	−3.5	67.0	−1 6	72.2	−0.2	69.8	−0.2	67.3	+3.1	51.2	−1.6	44.0	+2.8	26.4	−4.8	50.8	+0 5
Canton, 1 NW	15.1	.....	24.2	.....	44.2	.....	48.8	.....	51.4	.....	64.8	.....	§68.5	.....	67.3	.....	62.3	....	48.6	.....	38 3	.....	21.7	.....	§46 2	....
Carlisle	21.6	−7.0	29.6	−0.8	49.9	+11.1	53.5	+2.8	58.0	−3.8	68.1	−3.0	73.2	−1.8	70 0	−2.8	69.2	+3.7	53.8	+0.7	45.2	+3.6	28.2	−3.5	51.7	−0.1
Chambersburg, 1 SW	24.4	−5.4	31.5	−0 3	51.0	+11.0	53.9	+3 4	58.0	−3.6	69 4	−0.9	73.7	−1.1	71.4	−1.0	67.6	+1 3	53.0	−0.4	43.0	+0.5	27.3	−5 8	52.0	−0.2
Clarion, 3 SW	18.1	.....	[d]27.6	.....	46.0	.....	51.5	.....	54.3	.....	66.1	.....	71.0	.....	69.0	.....	65.0	.....	49.6	....	§41.1	.....	24.6	.....	§48.6	.....
Claysville	22 0	−8.8	30.0	−1.3	48.4	+7.7	52 0	+1.6	53.8	−7 0	65.1	−4.1	70.0	−2 9	68.7	−2.6	66.2	+0.6	50.2	−3.6	41.8	−0.3	24.6	−7.8	49.4	2.4
Coalport	18.6	..	27.1	.....	44.4	.....	49.0	.....	52.3	.....	62.6	.....	§67.7	.....	67.1	.....	63.6	....	47.3	.....	38.4	.....	21.3	.....	§46.6	.....
Coatesville	24.6	−5.6	32.4	+1.8	51.4	+11.5	55.4	+4.9	60.0	−1.5	72.4	+2.0	75.3	+0.4	72.4	−0 4	69 3	+3.0	54 6	+0.4	45.4	+2.4	28.7	−4.1	53.4	+1.1
Columbia	25.4	.....	32.6	.....	51.2	.....	55.4	.....	60.2	.....	71 8	.....	74.6	.....	72.9	.....	70.2	.....	55.4	.....	46.5	.....	29.2	.....	53 8	.....
Corry	15.0	−9.5	25.2	0.0	45.2	+12.2	50.2	+5.1	51.8	−3.4	62.6	−2.8	§68.4	−0.7	66.4	−0.6	63 1	+2.0	48.0	−1.3	38.4	−0.3	23.2	−5 2	§46.4	−0.4
Coudersport	14.9	−9.0	25.7	+1.3	43.6	+10.4	49.1	+4.3	52.0	−4.5	61.8	−2.7	66 9	−1.2	65.6	0.5	62.6	+2.5	48.2	−0.3	37.5	+0.8	22.0	−4.1	45.8	−0 3
Curwensville, 6 NW	14.8	.....	24.4	.....	44.2	.....	47.4	.....	50.4	.....	62.2	.....	66.8	.....	65.1	.....	60.4	.....	46.8	.....	36.8	.....	20.3	.....	45.0	.....
Derry	24.4	−6.2	34.0	+3.8	50.7	+10.7	54.9	−5.3	56.4	−4.4	68.1	−0.9	73.0	+0.3	70.2	−0.9	68.5	+3.0	53 2	−0.9	44.0	+1.7	26.8	−5.4	52.0	+0.6
Donegal	20.8	.....	28.8	.....	48.1	.....	50.8	.....	53.4	.....	64 6	.....	68.8	.....	66.0	.....	63.0	.....	47.6	.....	38.6	.....	22.9	.....	47.8	.....
Donora	25.8	−7.7	35.4	+1.1	53.2	+11.1	56.7	+4.7	59.4	−3.7	70.2	−1.8	75.0	−1.0	73 3	−0.7	69.8	+1.7	54.4	−1.6	45.9	+0.9	29.5	−6.0	54.0	−0.3
Eagles Mere	14.9	.....	24.3	.....	43.6	.....	48.5	.....	50 8	.....	62.6	.....	67.8	.....	66.4	.....	61.3	...	47.0	.....	37.1	.....	21.6	.....	45.5	.....
East Waterford, 3 E	19.9	.....	27.8	.....	48.6	.....	50.8	.....	54.0	.....	65.6	.....	68.6	.....	68.4	.....	63.6	.....	51.1	.....	39.8	.....	23.6	.....	48.5	.....
Ebensburg	18.0	−7.6	25.6	−1.6	45.3	+9.8	49.0	+3.8	53.2	−3.3	§62.9	−2.0	67.4	−0.9	65.6	−1 1	62.0	+0.8	48.2	−1.6	39.3	+0.7	22.0	−6.4	§46.5	−0 8
Emporium, 1 E	[d]16 4	−9.6	[a]26.5	+0.7	[c]44.4	+9.1	§50.2	+3 5	§53.2	−4.8	§64.4	−1 6	69.9	+0.1	§68 3	+0.7	§64.1	+2.6	50.2	−0.2	....	.....	....	.....	§§	.....
Ephrata	24.8	−5.5	32.4	+1.8	51.8	+11.5	55.4	−4.8	60.6	−1.3	71.2	+1.3	74 6	−0 4	72.4	−0 1	69 3	+2.9	54.3	−0.2	45.7	+2.2	29.2	−3.5	53.4	+1.0
Erie	19 1	−7.4	28.6	+1.7	46.8	+13.3	51.6	+6 5	52.8	4.0	64.8	−1 4	71.7	+0.7	71.6	+2.0	66.6	+3.0	52.7	−0.7	44.0	+2.6	27.6	−4 3	49 8	+1.0
Everett, ½ SW	22.2	−5.9	29.8	+2.2	49.0	+9.4	52.4	+3.5	56.6	−3.3	67.6	+0.1	71.4	−0.3	§69.8	+0.1	66.5	+3.5	50.6	−1.2	40.9	+0.2	26.7	−2.9	§50.3	+0 5
Farrell	19.5	−8.7	30.4	+1.9	49.9	+11.9	55.8	+6.9	58.7	1 3	70 0	+0 4	76.4	+2.8	73.8	+2.7	70.5	+5.3	53.3	0.0	44.2	+2.6	25.8	−5.2	52.4	+1.6
Ford City, 4 S	21.6	.....	30.6	.....	48.3	.....	53.6	.....	53 5	.....	66.2	.....	70.8	.....	69.0	.....	65.8	....	49.8	.....	40.8	.....	23 7	.....	49.5	.....
Franklin	18.4	−8.0	26.1	+0.4	45.6	+10.2	50.1	+4.0	52.9	−4.7	64.5	−1.8	§69 8	−0.9	68.4	0.0	64.8	+2.1	49.4	−1.7	40 8	+1.2	24.2	−5.2	§47.9	−0.4
Fredericksville, 1 S	21.4	.....	29.4	.....	48 2	.....	51 1	.....	55 9	.....	66.2	.....	69.9	.....	67.6	.....	65.8	....	50.8	.....	42.9	.....	26.6	.....	49.6	.....
Freeland	17.6	−6.6	26.6	+2.0	45.2	+12.2	49.2	+4.7	53.8	−3.0	64.7	−0 4	68.2	−0.9	66.6	−0.2	§62.8	+2.6	49.1	+1.3	40.1	+2.6	24.8	−2.4	§47.4	+1.0
George School	24.4	−6 7	32 1	+0.7	50.6	+10.0	54.9	+4.5	59.2	−2.1	70.2	+0.6	73.6	−0.7	71.2	−1.0	69.1	+2 6	53.6	−1.7	46 4	+2.4	28.2	−5 2	§52.8	+0.3
Gettysburg	25.8	−4.3	32.4	+0.9	53.4	+12.9	56.4	+5.4	60.2	1 7	70.6	+0.2	74.0	−0.6	72 0	−0.4	69.2	+3.1	54.5	+0.9	46 0	+3.4	29.3	−3.4	53.6	+1.3
Gordon	19.6	−7.3	28.2	+0.9	47.6	+10.8	51.3	+3.7	56.1	−2.3	66.8	+0.5	71.3	+0.7	68.1	−0.3	65.4	+3.0	50.0	−0.8	42.2	+2.1	25.1	−4.3	49.3	−0.5
Greensburg, 2 S	23.4	−7.5	33.4	+1.9	48.6	+8 6	52.8	+2.5	55.8	−4.7	66.2	2.7	71 2	−1.3	69.2	−1.6	67.6	+2.2	50.6	−3.5	§42.4	−0 4	§27.2	−5.6	§50.8	−0 9
Hanover	25.1	−7.4	32.6	−0.5	52 2	+10.2	55.0	+2.6	59.8	−3.6	71.2	−0.4	74.5	−1 3	72.4	−1.2	69.2	+1.5	54.8	−1.3	45.8	+0 8	29.1	−5 4	54.5	−0.5
Harrisburg Arpt. 3½ S.	23.9	−5.1	32.3	+2.1	52 0	+13.1	54.7	+3.8	59.7	−2.1	71 4	+1.1	74.2	−0 6	72.0	−0 6	68 3	+2.5	53.9	−0 9	44.6	+1 8	28.9	−3 8	53.0	+0.9
Hawley, ½ E	17.9	−7.1	26.3	+0.7	44.6	+10.2	50.8	+5 2	54.6	−2 9	64 4	−1.8	69.2	−1 2	67.4	−0.6	64.0	+2.9	49.8	+0 3	40.8	+1.5	§24.4	−3.8	§47.8	+0.2
Hewitt, 2 SW	25.8	.....	30 8	.....	49.8	.....	53.2	.....	58.2	.....	67.6	.....	69.5	.....	69.6	.....	66.3	.....	53.4	.....	44.6	.....	§27.6	.....	§51.4	.....
Holtwood	26.4	−5.1	33.3	+0.7	51.0	+9.8	56 4	+4.9	60 2	−3.1	72.7	−0.1	75.8	−1.3	74.2	−0 9	70.8	+1.7	55.6	−1.0	46.4	+1.1	31 0	−3 5	54.4	+0.2
Huntingdon	22.5	−6.4	30.8	+1.4	49.2	+10.5	53.7	+4.3	58.2	−2.3	67.7	−1 0	72.3	−0 2	70.5	−0.2	66.8	+2.2	§51.6	−1 1	41.4	−0.3	27.0	−4 5	§51.0	−0.2
Indiana	21.9	−7.2	31.8	+2.2	49.6	+10.8	54.4	+5.1	[d]55.0	−4.8	66.2	−1.8	71.9	+0 2	§70.0	+0.1	§66.2	+1.8	51 4	−1.1	42 4	+1.1	25.1	−5.7	§50.5	+0.1
Irwin	23.4	−6 7	33.8	+3.4	50.6	+10.7	55.2	+5.7	57.8	−2.6	68.1	−0.4	73.2	+0.8	71.6	+0.8	68.2	+2 8	52.9	−1 0	43.8	+1.6	27.3	−5.1	52.2	−0.9
Jamestown, 2 NW	17.1	.....	27.4	.....	45.2	.....	50.0	.....	52.2	.....	64.0	.....	69.7	.....	68.1	.....	64 5	.....	49.2	.....	41.4	...	24.8	.....	47.8	.....
Johnstown	....	.....	....	.....	50.0	+10.8	53.7	+3.4	57.4	−3.6	68.2	−1.2	73.4	+0.4	71.4	+0.3	67 3	+1.9	53.0	−0.6	42.9	+0 9	26 8	−5 5	§§	.....
Kane, 1 N	12.9	.....	23.3	.....	41.6	.....	46.6	.....	49.4	.....	60.2	.....	65.2	.....	62.8	.....	59.4	.....	45.1	.....	36.0	.....	20.1	.....	43.6	.....
Lancaster	24.9	−5.1	31.4	+0.3	51.1	+11.2	54.9	+5.3	59 3	−2.0	70.2	−0 1	73.2	−1.0	70.2	−2.2	68.3	+2.6	52 8	−0 8	45.4	+2.2	28.4	−4 6	52.5	−0.5
Lawrenceville	16.3	−8.8	26.8	+1.9	45.3	+10.6	51 7	+5.7	54.6	−3.0	64.9	−1.4	71.4	+0.8	69.2	+0.8	64.7	+2.8	50.2	−0.4	40.7	+1.5	23 6	−4.5	48.3	+0.5
Lebanon	22.4	−6.7	29.6	0 0	50.2	+11.0	53.8	+3.5	58.4	−2.9	70.6	+0.6	73.9	−0 3	71.5	−0.7	68.6	+2 8	53.4	−0.3	44.3	+1.6	27.0	−5.0	52.0	+0.3
Lewistown, 2 SW	[d]23.2	.....	.....	.....	[f]49.3	.....	[e]54.3	.....	[d]56.4	.....	§67.3	.....	§72.0	.....	§70.0	.....	§66.2	.....	53.0	.....	43.4	.....	28.6	.....	§§	.....
Lock Haven	20.4	−7.6	29 0	+0.6	48.7	+10.2	54.7	+4.4	58.4	−3.4	68.4	−1.3	73.2	−0.4	71 2	−0.2	66.8	+1.9	51.8	−1.4	41.8	+0.1	26.2	−4 7	50.9	−0 1
Marcus Hook	28.6	−6.4	36.8	+1.5	[b]55.8	+11.2	59.7	+5 0	63.5	−2.7	75.4	0.0	77.8	−1.3	§76.0	−0 6	§73.2	+2.5	60.2	+0.9	51.0	+3.1	36.0	−2.3	§57.8	+0.9
Martinsburg	19.4	.....	28.8	.....	49.0	.....	51.7	.....	55.0	.....	66.0	.....	70.2	.....	69.0	.....	61.8	.....	51 2	.....	40.9	.....	24.7	.....	49.2	.....
Mauch Chunk, 1 SW	[b]20.2	−7.3	[b]28.0	+0.1	[b]45.8	+8.5	[b]51.8	+3.4	[c]55.6	−4 1	§66.9	−1 0	§71.1	−1.0	§67.8	−2 1	§64.4	+0.4	§50.2	−2.0	§40.5	−0.6	§25.6	−4.9	48.6	−1.3
Meadville, 1 S	16.6	−8.7	26.0	+1.6	44.8	+10.0	49.3	+3.7	52.2	−4.8	64.0	−1.9	69.1	−0.6	67.6	−0.1	63.8	+1 7	48.2	−2.5	40.4	+1.4	23.2	−5.8	47.1	−0.5
Mercer, 2½ NE	16.7	.....	25.6	.....	46.0	.....	49.2	.....	51.6	.....	63.7	.....	69.0	.....	68.0	.....	64.2	.....	48.8	.....	39.7	.....	22.9	.....	47.1	.....
Middletown, 1½ W	23.0	−7.2	31.1	−0.5	50.2	+10.4	53.8	+3.9	58.6	−3.3	69 8	−0.9	73.1	−1.9	70.6	−2.2	67.6	+1.5	53.0	−0.8	43 8	+0.4	27.9	−4.9	51.9	−0.4
Midland	22.5	.....	32.1	.....	49.0	.....	54.0	.....	56.1	.....	68.8	.....	72.5	.....	71.5	.....	67.4	.....	51 0	.....	43.2	.....	27.7	.....	51 3	.....
Montrose, 3 E	[d]13.6	−9.3	[b]22.8	+0.2	[c]41.8	+9.9	47.6	+3.9	[b]53.5	−1.7	62.5	−1.3	67.4	−0 9	§66.0	−0 8	61 8	+1.3	46.6	−2.4	§36.5	+1.0	§21.0	−5.2	§45.1	−0.4
Mt. Lebanon	22.2	−7 8	32.6	+1.8	50.6	+11.7	54.6	+5.3	56.4	−4.5	68.4	−0.6	73.2	0.0	70 9	−0.2	67.4	+1.8	52.4	−1 3	43.2	+0 9	26.3	−5 8	51.5	+0.1
Mount Pocono, 2 N	15.2	−7.9	24.8	+3.0	44.0	+12.1	47.8	+5.4	50.9	−3.2	61.6	−0.1	66.0	+0.2	64.5	+0.5	61.0	+2.6	47.0	−1.2	37.6	+1.3	21.8	−3.8	45.2	+0.8
New Bloomfield	21.1	.....	29.8	.....	49.4	.....	53.2	.....	57.4	.....	67.8	.....	72.0	.....	69.1	.....	66.3	.....	51.0	.....	41.3	.....	25.4	.....	50.3	.....
Newburg, 3½ NW	24.0	.....	32.5	.....	50 4	.....	53.8	.....	58.2	.....	70.2	.....	73.7	.....	71.2	.....	66.6	.....	51.1	.....	42 3	.....	28.0	.....	§51.8	.....
New Castle, 1½ N	21.6	−6.5	31.1	+2.3	49.2	+12.1	53.6	+5.0	56.7	−3.0	67.6	−1 5	72.8	+0.2	70.6	+0 1	67.4	+3.0	51.6	−0.9	43.3	+2.8	26.0	−4.9	51.0	+0.8
Palmerton	20.2	−8.4	29.1	+0.1	47.6	+10.0	52.4	+4.6	56.7	- 3.3	67.2	−1.2	71.0	−2.4	69.2	−1.6	65.1	+1.1	50.0	−2.1	41.6	−0.4	25.6	−5.6	49.6	−0.8
Park Place, 1 NW	16.0	.....	25.8	.....	45.8	.....	48.2	.....	52.2	.....	64.0	.....	67 2	.....	66.4	.....	62.8	.....	48.7	.....	38.0	.....	22.2	.....	46.4	.....
Phila. (City Office)	26.7	−5.9	36.2	+2.3	53.6	+12.8	57.1	+5.0	61.2	−1.7	73.0	+1.6	76.0	−0.2	74.1	−0.7	70.9	+2.9	57.2	−0.6	48.6	+2.9	32.0	−4.3	55.6	+1.2
Phila. Shawmont	26.7	−5.0	34.0	+0.7	51.8	+9.3	57.2	+5.0	61.2	2.3	72.2	−0.3	75.0	−1.4	72.2	−2.0	70.6	+2.4	54.6	−1.4	47.4	+2.2	30.4	−4 6	54.4	+0.2
Philipsburg, 7 E	14.6	.....	23.4	.....	43.8	.....	48.1	.....	50.2	.....	61.4	.....	66.0	.....	64.0	.....	60.0	....	46.4	.....	37.0	.....	21.0	.....	44.6	.....
Phoenixville, 1½ SE	27.8	−3 2	33.1	+0.7	51.4	+10.1	56.4	+4.6	60.7	−1.6	71.6	−0.1	76.6	+0.8	73.2	−0.4	72.4	+5 2	§55.1	−0.2	§46.4	+2.5	29 8	−3.9	§54.5	+1.2
Pittsburgh (Airport)	22 0	−6.2	31.9	+2.1	51.2	+14.0	54.4	+5.2	56.4	−3 8	68.5	−0.1	73.0	0 0	72.2	+0.9	67.4	+2.7	52.6	−1.5	43.4	+2 2	26.8	−5.2	51.6	+0.8
Pittsburgh (City Office)	24.5	−6.2	34.1	+1.8	52.2	+12.6	55.8	+4.6	58 2	−4.2	70.4	−0.3	75.0	+0.4	73.6	+0.7	69.2	+2.8	54.1	−1.6	45.5	+2.3	29.2	−5.0	53.5	+0.7
Port Clinton	20.8	−8.0	29.5	+0.1	47.2	+8.7	51.4	+1.9	56.2	−4.9	67.0	−2.2	70.8	−2.6	68.8	−2.4	65.4	+0.2	50.3	−3.0	41.5	−0.3	26.7	5.1	49.6	−1.5
Putneyville, 2½ SE	18.3	.....	28.2	.....	46.7	.....	51.8	.....	54.3	.....	64.8	.....	70.2	.....	67.5	.....	64.6	....	49.4	.....	39.6	.....	22.4	.....	48.1	.....
Quakertown, ½ E	21.4	−5.4	29.4	+0.6	49.0	+11.5	52.4	+3.8	58.1	−1.6	69.1	+0.6	73.6	+0.9	70.8	+0.4	66.6	+2.7	50.6	−1.6	43.6	+2.2	26.2	−5 0	50.9	+0.8
Reading	24.3	−6.8	33.4	+2 9	52.4	+11.8	55.5	+4.7	59.9	−2 0	71.7	+1.4	74.6	0.6	72.8	−0.1	69.2	+2.6	55.0	−0.4	45.8	+1.9	29.8	−4.4	53.7	+0.9
Ridgway	21.8	−8.2	24.9	+0.0	42 3	+8.9	48.0	+2.8	51.3	−4 6	63.0	−1.4	68.2	+0.3	65.2	−1 3	62 0	+2.0	47.0	−1.6	37 8	−0.2	21.2	−6.5	46.1	−0.4
Scranton	18.9	−7.7	28 5	+1.2	47.8	+12.1	52.6	+4.5	56.4	−3.0	66.6	−1.2	71.4	−0 3	69.6	−0 2	66.0	+3.1	51.0	−0.9	42.4	+1.9	26 4	4.3	49.8	+0.4
Selinsgrove	20.8	−7.9	29.2	−0.6	49.0	+10.3	53.0	+3.6	57 8	−3.0	68.0	−1.1	71.8	−1.6	69.2	−2.2	66.4	+1.6	51.4	−1.5	42.8	+1.0	25.8	−5.8	50.4	0.5
Somerset	21.5	−5.1	29.2	+2.2	47.3	+11.4	50.7	+4.5	53 8	−2.9	63.6	−1.7	68.4	−0 2	66 2	−0.7	63.1	+2.4	48.6	−0.7	39.8	−1.1	23.5	−5 4	48.0	+0.4
Springs, 1 SW	21.1	−5.4	28.1	+0.8	45.8	+9.9	48 6	+3.1	51.7	−3.8	61.8	−2.2	66.0	−1.4	64.0	−1.7	60.9	1 1 0	47.8	−1.6	38 2	−0.3	22 0	−7.2	46.4	−0.7
State College	19.8	−7.0	29.6	+2.6	49.2	+12.9	53.1	+5.5	56.1	−2.9	67.4	+0 4	71 6	+0 6	70.6	+1.7	65.0	+2.2	51.1	−0.2	41 3	+1.2	25.6	−4.2	50 0	+1.0
Stroudsburg, 2 E	21.4	−5.6	29.6	+2.0	48.4	+11.4	54.4	+6.0	58.2	1 5	67.8	+0.4	72.5	+0.5	70.6	+0.6	67.5	+4.4	52.0	0.0	44.0	+2.9	26.8	−3.4	51.1	+1.5
Tamarack, 2 S	15.2	.....	24.4	.....	43.8	.....	48.0	.....	50.9	.....	62.0	.....	66.4	.....	64.9	.....	60.5	....	47.1	.....	36 4	.....	20.8	.....	45 0	.....
Tionesta, 1½ SE	16.8	.....	24.5	.....	43.6	.....	49 1	.....	52.2	.....	64 2	.....	68.9	.....	67.5	.....	63.5	....	48.0	.....	39.1	.....	22.3	.....	46.6	.....
Titusville, 2 S	16.7	.....	26.4	.....	46.2	.....	51.6	....	53.4	.....	62.8	.....	68.7	.....	67.4	.....	64.4	....	49.2	.....	39.5	.....	23.0	.....	47.4	.....
Towanda, 1 E	18.0	−7.6	27.2	+1.9	46.8	+11 6	51.6	+5.1	55.4	−2.4	65.4	−0.6	71.0	+0.4	69.0	+0.4	65.2	+2 8	50.6	−0.3	41.4	+1.5	24.6	−4.3	48.8	+0.7
Uniontown	26.8	−5.9	35.9	+3.1	53.2	+11 6	57.9	+6.5	59.0	−3.1	69.4	−0.9	73.9	+0.5	71.8	−0.1	69.6	+3.1	54.2	−0.7	45.8	+1.9	29.4	−5.5	53.9	+0.9

(Continued on next page)

Monthly and Annual Mean Temperatures for the Year 1945, with Departures from the Normal—Continued.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
Vandergrift	22.8	−7.9	33.2	+1.6	50.7	+10.7	55.7	+5.2	57.2	−3.9	69.1	−0.7	73.8	+0.3	71.6	−0.2	67.9	+2.6	51.8	−2.1	43.8	+1.0	27.8	−5.5	52.1	+0.1
Warren	16.3	−9.3	26.4	+1.4	44.9	+10.4	50.4	+5.5	52.4	−4.2	§63.5	−2.0	§69.3	−0.6	§67.6	−0.2	§64.1	+1.9	50.0	−0.9	40.8	+1.5	24.3	−4.2	§47.5	−0.1
Waynesburg	23.9	−8.6	33.0	+0.9	50.0	+9.2	54.2	+3.6	55.4	−5.8	§67.5	−3.0	72.3	−1.2	70.8	−1.3	67.6	+1.8	52.6	−1.8	44.5	+1.1	27.8	−6.6	§51.6	−1.0
Wellsboro	14.3	−9.9	23.2	−1.2	42.2	+9.3	47.8	+3.3	51.3	−5.2	62.4	−2.2	68.0	−0.8	66.4	0.0	62.4	+2.5	46.9	−1.9	37.8	+0.2	21.2	−6.5	45.3	−1.1
West Chester	25.4	−5.2	33.1	+1.8	52.0	+12.7	55.2	+5.2	59.2	−1.8	70.2	+0.5	73.8	−0.6	71.7	−0.5	69.3	+3.6	54.9	+0.3	46.3	+3.0	29.6	−3.7	53.4	+1.3
Wilkes-Barre(Airport)	18.6	.....	27.8	.....	47.3	.....	52.4	.....	55.8	.....	66.8	....	71.0	.....	69.6	....	65.8	.....	50.6	....	41.9	.....	26.0	.....	49.5	.....
Williamsport Airport, 4 E	18.3	....	27.5	.....	47.1	.....	52.1	.....	56.0	.....	67.2	.....	71.8	....	69.4	.....	65.3	.....	50.5	.....	41.0	....	24.8	.....	49.3	.....
Williamstown	22.2	−6.3	30.0	+0.0	50.2	+11.4	53.6	+3.9	57.4	−3.1	67.4	0.9	71.4	−1.2	§69.2	−1.5	§69.0	+4.0	§52.4	−1.1	§43.1	+1.2	27.2	−4.0	§51.2	+0.3
Woodward, 2 NE	16.0	.....	26.0	.....	45.9	.....	48.9	.....	52.0	.....	63.4	.....	67.7	.....	67.0	.....	61.9	.....	48.6	....	38.2	.....	21.7	.....	46.4	.....
York, 3 SW	25.2	−5.1	32.8	+1.4	52.5	+11.6	55.8	+4.7	61.1	−0.8	71.4	+0.9	75.4	+0.7	73.2	+0.5	71.2	+4.7	54.7	+0.4	46.8	+3.4	29.6	−3.7	54.1	+1.5
For The State	20.4	−7.8	29.1	+0.7	48.0	+10.3	52.4	+3.8	55.7	−4.0	66.7	−1.5	70.4	−1.8	69.3	−1.0	65.9	+1.7	51.0	−1.5	42.0	+0.7	25.4	−5.6	49.7	−0.5

Reference letters, as a, b, c., in table indicate number of days missing; for example, b represents 2 days. §§ Incomplete. *Italics* interpolated. § Partially interpolated.

COMPARATIVE ANNUAL DATA FOR THE STATE

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	47.9	100	−31	45.91	39.7	130	110	116	140
1889	49.8	96	−27	52.67	22.3	136	112	113	140
1890	50.5	101	−18	51.28	55.5	141	106	116	143
1891	50.6	100	−14	45.65	34.1	124	124	108	133
1892	49.3	103	−28	41.30	54.0	125	123	106	137
1893	48.7	102	−25	44.26	61.6	126	116	120	129
1894	51.3	103	−28	43.69	63.1	117	132	116	117
1895	49.4	104	−25	33.51	39.7	104	143	115	107
1896	50.5	101	−26	41.95	42.4	114	124	113	129
1897	50.0	103	−12	42.73	37.2	124	128	106	131
1898	51.3	107	−16	45.49	38.8	130	123	107	135
1899	50.0	101	−39	40.93	47.9	112	134	111	120
1900	51.5	104	−23	37.31	33.3	111	130	114	121
1901	49.4	107	−22	45.54	35.4	123	118	111	136
1902	49.6	100	−24	47.29	60.3	125	123	115	127
1903	49.6	99	−17	46.27	37.3	121	130	105	130
1904	47.5	99	−42	40.44	50.8	127	133	104	129
1905	49.4	99	−25	43.34	40.9	126	133	109	123
1906	50.8	99	−21	42.78	45.0	129	128	104	133
1907	48.5	98	−23	45.45	54.5	132	136	102	127
1908	50.9	104	−29	39.58	54.4	108	157	104	105
1909	50.2	100	−19	37.38	41.4	117	140	102	123
1910	49.9	99	−22	38.99	67.6	119	135	99	131
1911	51.1	105	−18	45.52	39.2	133	131	93	141
1912	49.0	100	−35	44.13	38.6	126	133	99	134
1913	51.7	102	−9	43.25	24.4	125	148	84	133
1914	49.3	101	−28	38.24	64.2	122	144	97	124
1915	50.1	99	−26	44.26	42.8	131	141	99	125
1916	49.6	103	−31	40.98	51.4	133	153	100	113
1917	47.3	105	−29	41.71	45.6	130	143	110	112
1918	50.2	108	−34	41.06	43.4	124	156	98	111
1919	51.1	104	−23	46.86	26.2	136	152	96	117
1920	49.2	99	−23	40.63	46.0	101	146	102	118
1921	53.1	104	−15	41.80	30.2	130	155	96	114
1922	51.4	100	−19	34.88	39.1	119	155	97	113
1923	50.4	103	−20	39.17	40.7	125	158	91	116
1924	48.4	102	−25	43.13	44.1	123	151	97	118
1925	50.3	104	−29	37.86	44.2	124	149	101	115
1926	48.7	105	−20	43.11	49.8	135	136	99	130
1927	50.9	100	−24	47.30	30.3	140	142	91	132
1928	50.5	99	−23	42.06	37.8	131	145	102	119
1929	50.5	101	−20	44.21	36.7	129	144	99	122
1930	51.2	108	−24	28.82	27.6	110	153	94	118
1931	52.8	105	−16	37.36	22.5	123	151	94	120
1932	51.6	105	−14	39.02	27.8	121	152	92	122
1933	51.7	107	−22	45.43	33.1	135	146	96	123
1934	50.6	107	−34	39.17	30.4	118	159	95	111
1935	50.2	104	−26	40.43	49.7	136	138	92	135
1936	50.4	111	−30	42.57	50.1	127	147	93	126
1937	50.7	101	−14	46.62	27.1	139	134	96	135
1938	51.8	100	−20	40.31	30.1	131	142	95	128
1939	51.7	101	−18	37.06	33.8	126	142	97	126
1940	48.6	105	−19	43.71	47.9	133	120	94	152
1941	51.3	104	−15	34.12	42.4	112	146	95	124
1942	50.5	102	−30	47.84	51.0	137	125	102	138
1943	49.5	102	−27	38.04	38.8	130	125	109	131
1944	50.0	103	−26	40.22	53.8	136	118	111	137
1945	49.7	103	−28	49.27	52.5	161	111	105	149
Period	50.2	111	−42	42.15	42.2	126	136	103	126

KILLING FROSTS OR FREEZING TEMPERATURE

Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn
Allentown	Apr 23	Oct. 4	Lock Haven	May 2	Oct. 4
Altoona	May 2	Oct. 4	Mauch Chunk	May 25	Oct. 4
Bradford	June 7	Sept. 30	Meadville	June 6	Oct. 4
Brookville	June 6	Oct. 4	Mercer	May 20	Oct. 4
Butler	May 1	Oct. 4	Midland	May 2	Oct. 4
Carlisle	May 2	Oct. 4	Montrose	June 1	Oct. 4
Chambersburg	May 2	Oct. 4	New Castle	May 11	Oct. 4
Clarion	June 7	Oct. 4	Philadelphia	Apr. 8	Oct. 4
Claysville	June 6	Oct. 4	Phoenixville	May 2	Oct. 4
Coatesville	Apr. 7	Oct. 4	Pittsburgh	Apr. 22	Oct. 11
Corry	June 6	Sept. 30	Port Clinton	Apr. 29	Oct. 4
Curwensville	June 7	Oct. 4	Quakertown	Apr. 23	Oct. 4
Eagles Mere	June 1	Sept. 30	Reading	Apr. 23	Oct. 4
Emporium	June 1	Oct. 4	Ridgway	June 7	Oct. 3
Erie	May 2	Nov. 20	Scranton	Apr. 23	Oct. 4
Everett	May 12	Oct. 4	Selinsgrove	Apr. 23	Oct. 4
Ford City	May 2	Oct. 4	Somerset	June 7	Oct. 4
Franklin	June 6	Oct. 4	Springs	June 7	Oct. 4
George School	Apr. 23	Oct. 4	State College	May 2	Oct. 3
Gettysburg	May 2	Oct. 4	Stroudsburg	Apr. 23	Oct. 4
Gordon	Apr. 23	Oct. 4	Towanda	May 25	Oct. 4
Greensburg	May 2	Oct. 4	Uniontown	May 2	Oct. 11
Harrisburg	Apr. 23	Oct. 4	Warren	June 7	Oct. 4
Hawley	June 1	Oct. 4	Waynesburg	Apr. 27	Oct. 4
Huntingdon	May 2	Oct. 4	Wellsboro	June 1	Sept. 30
Indiana	May 11	Oct. 4	West Chester	Apr. 23	Oct. 4
Johnstown	June 7	Oct. 4	Williamsport	Apr. 23	Oct. 4
Lancaster	Apr. 23	Oct. 4	York	May 2	Oct. 4
Lawrenceville	June 1	Oct. 4			
Lebanon	Apr. 23	Oct. 4			

MONTHLY STATE DATA

Month	Temperature						Precipitation					
	Mean	Dep. from normal	Highest sta. mean	Lowest sta. mean	Highest	Lowest	Average	Dep. from normal	Greatest	Least	Greatest in 24 hrs.	Average snow
January	20.4	−7.8	29.0	12.9	58	−28	2.68	−0.48	5.45	1.04	2.54	22.6
February	29.1	+0.7	36.8	22.8	71	−14	2.66	−0.15	5.31	1.26	1.95	8.5
March	48.0	+10.3	55.8	41.6	91	5	3.88	+0.35	8.96	1.89	2.68	2.1
April	52.4	+3.8	59.7	46.6	90	18	4.17	+0.72	6.67	1.93	1.92	T.
May	55.7	−4.0	75.3	36.1	91	18	5.12	+1.20	8.49	2.65	2.62	0.3
June	66.7	−1.5	75.4	60.2	103	27	4.07	−0.06	7.10	1.56	2.66	T.
July	70.4	−1.8	77.8	65.2	103	32	5.75	+1.47	17.89	1.62	5.33	0
August	69.3	−1.0	76.0	62.8	99	34	3.79	−0.37	8.52	0.78	3.42	0
September	65.9	+1.7	73.2	59.4	96	29	6.42	+2.97	10.39	3.42	3.90	0
October	51.0	−1.5	60.2	45.1	85	20	2.75	−0.52	6.96	0.50	2.25	T.
November	42.0	+0.7	51.0	36.0	85	5	5.25	+2.35	8.20	2.26	3.38	2.4
December	25.6	−5.6	36.0	20.1	62	−22	2.73	−0.36	5.92	1.13	2.40	16.6
Year	49.7	−0.5	77.8	12.9	103	−28	49.27	+7.12	17.89	0.50	5 33	52.5

ERRATA

November, 1945.—Page 84, Punxsutawney, precipitation on 2d should be .01 inch, total should be 5.86 inches.

(W.B.O., Philadelphia, Pa.—3-14-46—1050)

COOPERATIVE AND RAINFALL OBSERVERS

Stations	Observers
Acmetonia	U. S. Engineers.
Albion	Albion High School.
Allens Mills	Fed-State Flood Fcstg Ser.
Allentown Airport	U. S. Weather Bureau.
Allentown	Allentown-Beth. Gas Co.
Altoona	City of Altoona.
Ansonia	E. N. Jenckes.
Arendtsville	Pa. St. Col. Expt. Sta.
Austinburg	U. S. Engineers.
Beaver Falls	H. J. Kemp.
Berwick	American Car & F'dry Co.
Bethlehem	Lehigh University.
Blairsville	U. S. Weather Bureau.
Blakeslee Corners	Fed-State Flood Fcstg Ser.
Bloserville	Mrs. Bessie M. Willders.
Boswell	Frank J. Houpt.
Bradford	City of Bradford
Breezewood	Penna. Turnpike Comm.
Brookville	Civil Aeronautics Auth'y.
Buckstown	Fed-State Flood Fcstg Ser.
Buffalo Mills	Nelle R. Brown.
Burnt Cabins	Penna. Turnpike Comm.
Butler	The Butler Eagle.
Canton	Mrs. E. Dillon Stone
Carlisle	Clarence E. Miller.
Carrolltown	Maurus P. Westrick.
Carter Camp	Irving E. Gressel.
Cedar Run	Chas. R. Nivison.
Chambersburg	Charles A. Bender.
Clarion	Penna. Electric Co.
Claysville	Walter B. Paget.
Clearfield	Wm. H. Witherow.
Coalport	Adam I. Neff.
Coatesville	Howard L. Pyle.
Columbia	James H. Rust.
Confluence	John L. Reid.
Connellsville	E. C. Steward.
Conshohocken	Russell C. Erb.
Coraopolis	U. S. Engineers.
Corry	J. Fred Kinley.
Coudersport	Potter Enterprise
Covington	Grover D. Cleveland
Curwensville	U. S. Weather Bureau
Danville	Fed-State Flood Fcstg Ser.
Dauphin	Fed-State Flood Fcstg Ser.
Derry	Miss. N. Dixie Wineman
Dingmans Ferry	Geo. E. Darragh.
Donegal	Penna. Turnpike Comm.
Donora	Donora Zinc Works.
Doylestown	Geo. Hart.
Driftwood	Fed-State Flood Fcstg Ser.
Dunlo	Fed-State Flood Fcstg Ser.
Dushore	Fed-State Flood Fcstg. Ser.
Eagles Mere	Carl E. Bigger.
East Waterford	U. S. Weather Bureau.
Ebensburg	John L. McGough.
Emporium	Mrs. Helen C. Haas.
Ephrata	Ephrata Review
Erie	U. S. Weather Bureau.
Everett	Penna Turnpike Comm.
Farrell	Carnegie-Ill. Steel Corp.
Ford City	U. S. Engineers.
Franklin	William K. Fuller.
Fredericksville	Henry H. Rohrbach.
Freeland	Andrew B. Evansha.
Galeton	W. Gale Lush.
George School	George M. Hart.
Gettysburg	Dr. Henry Stewart.
Glen Hazel	Lynn B. Rosenkrans.
Glen Rock	U. S. Engineers.
Gordon	Miss Sallie M. Johnson.
Gouldsboro	L. H. Eilenberger.
Grantville	Edward N. Rhoads
Graterford	C. K. Kulp.
Greensboro	U. S. Engineers.
Greensburg	Westmoreland Water Co.
Greenville	C. Earl Miller.
Hanover	Hanover Evening Sun.
Harrisburg	U. S. Weather Bureau.
Hawley	Mrs. Della M. Pennell.
Hewitt	Miss. Marie E. Roland.
Hollisterville	Penn. P. & L. Co.
Holtwood	Penna. Water & Power Co.
Home	Fed-State Flood Fcstg Ser.
Hop Bottom	Miss. Freda L. Pratt.
Huntingdon	Paul R. Yoder Jr.
Huntsdale	T. J. Dingle.
Hyndman	W. J. Emerick.
Indiana	Indiana St. Teachers Col.
Irwin	Westmoreland Water Co.
Jamestown	Pa. Dept. Forests & Waters
Johnstown	Johnstown Trib. Pub. Co.
Kane	Spring Water Co.
Karthaus	Mrs. Emma M. Shultz
Kirkwood	Soil Conservation Service.
Kregar	Penna. Turnpike Comm.
Lakeville	Penn. P. & L. Co.
Lancaster	City of Lancaster
Lansford	Lehigh Nav. Coal Co.
Lawrenceville	Carlos P. Darling.
Lebanon	Lebanon Valley Gas Co.
Lewistown	American Viscose Corp.
Lock Haven	Wm. R. Kelley.
Lycippus	Westmoreland Water Co.
Mapleton Depot	Mrs. Ivy S. Buchanon.
Marcus Hook	Sun Oil Co.
Marienville	U. S. Forest Service.
Martinsburg	U. S. Weather Bureau
Matamoras	Henry Bisland.
Mauch Chunk	Henry S. Haak.
McConnellsburg	Ruth L. Roettger.
McConnellstown	Fed-State Flood Fcstg Ser.
Meadville	City of Meadville.
Medix Run	Fed-State Flood Fcstg Ser.
Mercer	U. S. Weather Bureau.
Mercersburg	Rollin P. Gilbert
Meyersdale	Louis M. Weld.
Middletown	U. S. Army.
Midland	Perry B. Campbell.
Millersburg	Fed-State Flood Fcstg Ser.
Millville	Fed-State Flood Fcstg Ser.
Milroy	Thomas C. Harbeson.
Monroeton	Fed-State Flood Fcstg Ser.
Montrose	Harry S. Fancher.
Mosgrove	U. S. Engineers.
Mt. Lebanon	Fred Hoffman.
Mount Pocono	U. S. Weather Bureau.
Murrysville	Wm. H. McWilliams.
Neffs Mills	Fed-State Flood Fcstg Ser.
Neffs Mills (Evap.)	Penna. State College.
New Bloomfield	J. Earl Sheaffer
Newburg	Penna. Turnpike Comm.
New Castle	New Castle Water Co.
Newell	General Chemical Co.
New Park	C. J. Allen.
Newport	Frederick A. Fry
New Tripoli	F. C. Oswald.
Orwell	William I. Brown
Palmerton	New Jersey Zinc Co.
Parkers Landing	Miss. Janette E. Rhodes.
Park Place	U. S. Weather Bureau.
Pennline	Miss Retta M. Crumb.
Philadelphia	U. S. Weather Bureau.
Phila-Shawmont	Geo. E. Wright.
Philipsburg	U. S. Weather Bureau.
Phoenixville	Phila. Sub- Water Co.
Pikes Creek	Fed-State Flood Fcstg Ser.
Pine Grove	Penn. P. & L. Co.
Pittsburgh	U. S. Weather Bureau.
Pleasant Mount	Rexford G. Thomas.
Port Allegany	Ralph McConnell.
Port Clinton	E. E. Rarick.
Pottstown	Lewis F. Christman.
Pottsville	Pottsville Water Co.
Punxsutawney	Torrence W. Prescott
Putneyville	U. S. Engineers.
Quakertown	John E. Benner.
Raymond	Fed-State Flood Fcstg Ser.
Reading	U. S. Weather Bureau.
Renovo	Mrs. C. W. Baird.
Rices Landing	U. S. Engineers.
Ridgway	West Penn. Power Co.
Rush	M. Maud McCain.
Saltsburg	Walter B. Sullivan.
Saxton	Miss. Jean Rhodes.
Scranton	U. S. Weather Bureau.
Selinsgrove	Dr. George E. Fisher.
Seward	Edward L. Stutzman.
Shade Gap	Fed-State Flood Fcstg Ser.
Shamokin	Roaring Creek Water Co.
Sheffield	Fed-State Flood Fcstg Ser.
Shippensburg	Keith B. Allen.
Smethport	Fed-State Flood Fcstg Ser.
Somerset	D. L. Grove.
South Mountain	Pa. Dept. of Health.
Springs	Allen E. Yoder.
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Strongstown	Harry F. Bennett.
Stroudsburg	Metropolitan-Edison Co.
Sunbury	Chas. W. Baylor.
Susquehanna	Mrs. Grace E. Brown.
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Tanners Falls	Leslie E. Walter.
Tionesta	U. S. Engineers.
Titusville	U. S. Weather Bureau
Towanda	Mrs. M. Ordelia Parks.
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Tyrone	Fed-State Flood Fcstg Ser.
Union City	Fed-State Flood Fcstg Ser.
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Vandergrift	Carnegie-Ill. Steel Corp.
Wallenpaupack Dam	Penna. P & L Co.
Warren	Merrell L. Jordan.
Washington	Fed-State Flood Fcstg Ser.
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Wernersville	J. H. Thompson.
West Chester	Clyde T. Saylor.
Westgrove	Conard-Pyle Co.
Wilkes-Barre	U. S. Weather Bureau.
Williamsport	U. S. Weather Bureau.
Williamsport	Ray D. Weed.
Williamsport, 4 SE.	Fed-State Flood Fcstg Ser.
Williamstown	Gordon Lower.
Woodward	U. S. Weather Bureau.
York	York Water Co.
York Haven	Metropolitan-Edison Co.
Youngsville	Fed-State Flood Fcstg Ser.
Zionsville	Horace R. Miller.


PENNSYLVANIA
SCALE OF MILES
10 0 10 20 30 40 50
LEGEND
Section Center.
Weather Bureau Office
Substation (Temperature and Precipitation).
Substation (Precipitation).
Substation (Evaporation, Temperature, and Precipitation)
NOTE—Dash (—) above station symbol indicates availability of hourly temperature data, below symbol, autographic precipitation records. Symbol at location of equipment, for example, 4SW indicates station 4 miles SW of postoffice
80° 79° 78° 77° 76° 75°
42° 41° 40°
Lake Erie
ERIE
CRAWFORD
MERCER
VENANGO
WARREN
FOREST
McKEAN
POTTER
TIOGA
ELK
CAMERON
CLINTON
LYCOMING
SULLIVAN
BRADFORD
SUSQUEHANNA
WYOMING
LACKAWANNA
WAYNE
PIKE
LUZERNE
COLUMBIA
MONROE
CLARION
JEFFERSON
CLEARFIELD
CENTRE
UNION
SNYDER
MIFFLIN
JUNIATA
PERRY
DAUPHIN
LEBANON
BERKS
LEHIGH
NORTHAMPTON
BUTLER
ARMSTRONG
INDIANA
CAMBRIA
BLAIR
HUNTINGDON
CUMBERLAND
LANCASTER
LAWRENCE
BEAVER
ALLEGHENY
WESTMORELAND
WASHINGTON
GREENE
FAYETTE
SOMERSET
BEDFORD
FULTON
FRANKLIN
ADAMS
YORK
CHESTER
DELAWARE
MONTGOMERY
BUCKS
PHILADELPHIA
Erie
Albion
Union City
Corry
Warren
Youngsville
Bradford (4 W)
Port Allegany
Smethport (1 SW)
Kane (1 N)
Austinburg (2 W)
Raymond
Coudersport
Galeton
Ansonia (2 W)
Wellsboro
Covington
Lawrenceville
Orwell (3 N)
Montrose (3 E)
Susquehanna
Pleasant Mount (1 W)
Tunkhannock
Dushore
Eagles Mere
Scranton
Pikes Creek
Wilkes-Barre Airport (3 N)
Retreat
Mt. Pocono Airport (2 N)
Stroudsburg
Matamoras
Honesdale
Hawley
Tanners Falls (1 SE)
Lakeville (1 N)
Hollisterville (1 S)
Goulds boro
Dingmans Ferry
Blakeslee Corners
Canton (1 NW)
Rush (6 S)
Meadville (1 S)
Titusville (2 S)
Sheffield (6 W)
Kane (1 N)
Carter Camp
Cedar Run
English Center
Tamarack (2 S)
Renovo
Emporium (1 E)
Driftwood
Ridgway
Glen Hazel (1 NE)
Tionesta (2 SE)
Marienville
Franklin
Oil City
Greenville
Farrell
Mercer Airport (3 NE)
New Castle (2 N)
Clarion (3 SW)
Brockville Airport (2 SW)
Allens Mills
Parkers Landing
Curwensville Airport (6 NW)
Clearfield
Medix Run
Karthaus
Lock Haven
Williamsport
Williamsport Airport (4 E)
Williamsport (4 SE)
Millville
Bloomsburg
Berwick
Danville
Sunbury
Ringtown
Shamokin
Selinsgrove
Mifflinburg
Lewisburg (2 SW)
Woodward Airport (2 NE)
Philipsburg Airport (2 E)
State College
Milroy (5 N)
Tyrone (4 NE)
Conlport
Home
Mosgrove
Butler
Beaver Falls
Ellwood City (4 S)
Vandergrift
Indiana
Strongstown
Carrolltown
Ebensburg
Altoona (4 W)
Saltsburg
Blairsville (6 NE)
Seward
Johnstown (1 W)
Dunlo
Martinsburg Airport
Huntingdon
Saxton (1 W)
Shade Gap
Bloserville (1 N)
Carlisle
Harrisburg (4 S) Airport
Middletown Airport (2 W)
Ephrata
Lancaster
Columbia
York Haven
Newport
New Bloomfield
Duncannon
Waterford (3 E)
Millersburg (2 E)
Pine Grove (2 NE)
Williamstown
Fredericksville (1 S)
Reading
Allentown Airport (4 NE)
Tamaqua
Pottsville
Port Clinton
Phoenixville (2 SE)
Chadds Ford
West Chester
Media
Marcus Hook
Philadelphia Municipal Airport
Pittsburgh Airport (12 SW)
Mt. Lebanon (2 SE)
Greensburg (12 S)
Derry
Ligonier (2 E)
Boswell (6 NW)
Kregar (4 SE)
Donegal
Connellsville
Somerset
Everett (1 SW)
Breezewood (1 E)
Buckstown
Buffalo Mills
McConnellsburg
Hyndman
Hewitt (2 SW)
Meyersdale
Confluence (2 NW)
Springs (1 SW)
Chambersburg (1 SW)
Mercersburg
South Mountain
Gettysburg
Arendtsville
Hanover
York (3 SW)
Glen Rock
New Park
Kirkwood (1 SW)
Holtwood
Westgrove (2 SE)
Newburg
Huntsdale
Shippensburg
Burnt Cabins (2 NE)
Newville
Carlisle
Shermans Dale
Duncannon
Millerstown
Selinsgrove
Sunbury
Danville
Catawissa (1 E)
Nescopeck
Wilkes-Barre
Pittston
Scranton
Honesdale
Stroudsburg
Easton
Bethlehem
Allentown
Reading
Lebanon
Harrisburg
Lancaster
Coatesville
Chester
Wilmington
Philadelphia

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CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER
HARRISBURG, PA.

VOL. LI. JANUARY 1946. No. 1.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

The month was a pleasant respite from the rigorous winter months experienced in the past few years. The average temperature was only one degree above normal, but the average total precipitation for the State was the lowest for 59 years of record. As a consequence of this warmth and dryness, snowfall was half of normal, all three elements making it an "open" winter month, typical of about a third of those on record.

A gradual warming occurred until near-record highs, in the middle sixties, were reached rather generally over the State on the 6th. The "January thaw" removed all the remaining snow of December, except that caught in crevices and crannies on the north slopes of the mountains in the northern counties. Augmented by some rain, the melting snow produced swollen rivers, sufficient to remove the ice from main stream channels, with no significant jamming. Lowlands on the smaller tributaries were flooded during this period but, fortunately, flood stages were not reached. The Ohio River crested at 22 feet, 3 feet under flood stage at Pittsburgh.

After an interval of nearly four weeks, winter conditions returned by the 20th for a brief period. The coldest day this winter was followed the next day by snow, then rain, which formed a thick ice coating over most of the State. Pedestrian and vehicular traffic were considerably interrupted; many injuries were reported from slipping or collision. By the morning of the 23d, the full force of Arctic air was again felt in the State. Sub-zero weather was general except southeast of the mountains, and the lowest temperature so far this winter was recorded.

Another snow and ice storm set in on the 25th, producing hazardous traffic conditions through and east of the mountains. High wind and the texture of the snow in the Pymatuning Lake area of Crawford County was suitable, that night, to produce a rare phenomenon — snow rollers. As residents of the area arose in the morning, they saw, as the observer at Linesville, Miss Retta M. Crumb, remarked, "—thousands of snow balls ranging in size from six inches to two feet in diameter." These snow rollers are formed by the wind picking up a bit of snow and rolling it along the ground, accumulating snow as it is "pushed" along by the wind, and in the same manner as a child makes the three portions of a snowman.

Although the ground was bare most of the month, winter grains fared well. Many of the winter chores have been performed, due to the favorable weather conditions.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 29.2°, which is 1.0° above the 59-year normal for January. The highest monthly mean was 39.9° at Marcus Hook, and the lowest was 22.7° at Montrose. Extremes ranged from a maximum of 75° at Donora and Marcus Hook on the 6th, to a minimum of —27° at Emporium on the 23d.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 205 stations, was 1.36 inches, which is 1.77 inches below the 59-year normal for January. The greatest monthly amount was 2.76 inches at Kregar, while the least was 0.40 inch at Austinburg. The greatest amount recorded in any 24 consecutive hours was 1.20 inches at Uniontown on the 7th.

The average snowfall for the State was 5.0 inches, which is 5.5 inches below the 59-year normal. The greatest monthly snowfall was 17.2 inches at Corry. The greatest fall for any observational day was 9.5 inches at Buffalo Mills on the 20-21st.

ERRATA

Annual, 1945.—Page 99, annual precipitation at Coalport should be §44.31.

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	23.2	61	−19	4.19	14.0	13	5	11	15
1889	29.4	68	−5	3.54	7.8	10	9	13	9
1890	37.5	77	−2	3.04	1.8	14	7	8	16
1891	30.5	64	−4	3.64	9.8	12	6	10	15
1892	26.2	66	−28	4.77	13.5	12	8	8	15
1893	19.0	57	−25	2.85	18.0	12	7	10	14
1894	32.8	65	−9	2.29	7.2	10	9	9	13
1895	24.2	58	−17	4.17	14.2	13	7	10	14
1896	27.6	60	−15	1.43	3.4	6	8	9	14
1897	25.6	74	−25	2.15	11.0	10	8	8	15
1898	30.7	67	−16	4.25	11.0	13	6	8	17
1899	26.6	66	−21	3.05	10.3	10	12	8	11
1900	29.8	63	−8	2.64	5.3	10	8	9	14
1901	29.1	59	−10	2.22	8.6	11	8	8	15
1902	25.6	58	−13	2.80	11.5	9	8	9	14
1903	26.9	68	−13	3.31	11.7	11	6	8	17
1904	20.0	66	−42	3.55	20.4	12	10	6	15
1905	23.8	69	−21	3.70	21.2	12	8	8	15
1906	35.0	85	−4	2.53	4.5	11	10	8	13
1907	30.0	75	−23	4.36	13.2	15	6	7	18
1908	28.4	59	−18	2.68	11.4	9	12	8	11
1909	31.2	72	−19	2.92	12.8	13	9	6	16
1910	27.2	56	−22	5.55	26.0	14	7	5	19
1911	31.6	70	−5	3.54	4.5	13	8	5	18
1912	18.6	57	−35	1.92	13.6	12	8	7	16
1913	36.5	65	3	4.95	4.5	16	9	6	16
1914	30.2	81	−27	3.37	11.7	11	7	7	17
1915	28.3	62	−26	5.56	14.7	13	10	6	15
1916	34.2	76	−12	2.42	1.8	12	9	8	14
1917	27.9	69	−18	3.60	4.2	13	11	8	12
1918	16.2	57	−29	3.51	25.2	12	10	8	13
1919	32.0	64	−15	2.58	6.2	8	14	8	9
1920	20.9	59	−23	2.47	10.0	10	9	8	14
1921	31.0	63	−13	2.58	4.4	10	12	7	12
1922	25.0	62	−19	2.26	16.0	8	14	7	10
1923	29.1	62	−17	4.26	17.6	14	6	6	19
1924	28.1	65	−13	4.34	3.6	8	11	8	12
1925	25.2	55	−29	3.53	29.4	10	11	7	13
1926	27.8	66	−19	2.80	10.5	11	9	9	13
1927	27.4	61	−24	2.90	5.7	13	9	6	16
1928	29.8	65	−23	2.08	6.8	9	12	8	11
1929	27.3	73	−20	3.37	7.6	12	9	9	13
1930	29.2	72	−24	2.25	8.4	12	8	8	15
1931	30.0	65	−12	1.46	4.4	7	12	9	10
1932	40.5	79	9	4.51	1.3	14	7	6	18
1933	37.0	71	−6	2.00	1.9	8	12	7	12
1934	32.2	67	−19	2.54	2.3	11	8	8	15
1935	27.5	72	−23	3.08	13.5	11	11	6	14
1936	23.6	59	−30	4.21	19.4	14	8	7	16
1937	36.7	71	5	6.36	4.3	16	5	7	19
1938	28.9	66	−20	2.51	5.1	12	8	7	16
1939	30.3	69	−18	3.14	15.2	13	8	7	16
1940	19.3	56	−16	1.41	8.4	10	9	7	15
1941	27.9	58	−10	2.62	14.6	13	7	6	18
1942	27.3	64	−30	1.86	7.6	8	11	7	13
1943	28.2	73	−12	2.68	15.5	14	5	7	19
1944	30.6	68	−12	2.12	4.3	7	9	10	12
1945	20.4	58	−28	2.68	22.6	14	8	8	15
1946	29.2	75	−27	1.36	5.0	10	8	8	15
Period	28.2	85	−42	3.13	10.5	11	9	8	14

Climatological Data for January 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	29.6	+0.3	59	6	5	23	1.13	-2.37	0.39	9	3.0	9	6	8	17	w.	U.S. Weather Bureau.
Altoona-1.5 W.	Blair	1,500	60	28.5	+1.0	58	6	— 3	23	1.41	—1.52	0.58	12	7.0	8	10	13	8	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	30.1	.....	60	6	— 8	23	1.33	.....	0.62	20-21	4.0	9	11	2	18	w.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	6	23.6	.....	55	6	— 3	20†	1.19	.....	0.47	20-21	2.5	11	7	13	11	s.	Mrs. E. Dillon Stone.
Carlisle	Cumberland	473	77	32.1	+3.5	60	6	6	23	1.56	—1.58	0.82	20-21	2.0	8	12	7	12	sw.	Clarence E. Miller
Chambersburg-1 SW.	Franklin	600	50	31.0	+1.2	64	6	— 1	23	1.46	—1.35	0.60	20-21	2.6	9	9	16	6	sw.	Charles A. Bender.
Coatesville	Chester	431	58	32.4	+2.2	62	7	9	23†	1.39	—2.48	0.50	9	1.5	9	5	9	17	sw.	Howard L. Pyle.
Curwensville Apt-6 NW.	Clearfield	2,215	3	24.0	.....	58	6	—10	27	1.35	.....	0.36	20-21	7.4	15	3	7	21	w.	U. S. Weather Bureau.
Eagle Mere	Sullivan	2,020	4	23.3	.....	54	7	— 4	20†	1.77	—2.00	0.58	21	7.9	10	7	9	15	sw.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	26.8	.....	56	7	3	23	2.51	+0.11	1.02	7	5.8	11	6	5	20	nw.	U. S. Weather Bureau.
Emporium 1 E	Cameron	1,100	59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	R. E. Palmateer.
Ephrata	Lancaster	365	48	33.2	+2.9	63	7	8	23	1.24	—1.77	0.53	20-21	1.5	8	9	13	9	n.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	29.4	+1.3	63	6	—13	23	1.59§	—1.31	0.49	20-21	4.2§	12	11	7	13	nw.	Penna. Turnpike Comm
Freeland	Luzerne	1,970	52	25.9	+1.7	55	7	— 2	20	1.71	—1.57	0.32	31-1	7.9	10	3	0	28	w.	Andrew B. Evansha.
George School	Bucks	184	39	32.4	+1.3	64	6†	4	23	1.34	2.05	0.37	9†	2.0	7	10	11	10	nw.	George M. Hart.
Gettysburg	Adams	500	72	33.6	+3.5	62	6†	5	23	1.09	2.00	0.50	20-21	1.0	6	12	7	12	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	28.1	+1.2	59	6†	— 5	23	2.05	—1.49	0.95	7	1.5	8	13	8	10	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	38.0	+0.5	64	6†	8	23	1.30	1.84	0.70	20-21	3.0	9	11	6	14	s.	Hanover Evening Sun
Harrisburg Arpt. 3.5 S.	Dauphin	351	76	32.4	+3.4	65	6	7	23	1.07	—2.02	0.51	20-21	2.1	11	6	8	17	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	27.1	+2.1	55	5†	— 3	23	1.23	—1.50	0.52	20-21	6.4	12	13	9	9	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	33.2	+1.7	61	7	10	23	0.93	—2.10	0.41	20-21	2.0	8	7	11	13	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	29.8	+0.9	62	6	—12	23	1.38	—1.73	0.41	11-12	2.9	9	8	6	17	w.	Paul R. Yoder, Jr.
Huntingdon	Lancaster	255	58	32.4	+2.4	67	7	4	23	1.00	—2.16	0.46	20-21	1.5	8	15	7	9	nw.	Lancaster Water Bureau.
Lancaster	Tioga	996	48	27.7	+2.6	60	6	—11	23	0.64	—1.20	0.44	20-21	3.5	3	12	7	12	....	Carlos P. Darling.
Lawrenceville	Lebanon	469	61	30.4	+1.3	61	6	2	23	1.52	—1.80	0.50	20-21	2.5	9	17	5	9	sw.	Lebanon Valley Gas Co.
Lebanon	Mifflin	580	7	31.6	.....	62	6	— 4	23	1.42§	..	0.60	20-21	4.5	9	6	12	13	w.	American Viscose Co.
Lewistown-1 W.	Clinton	557	54	29.1	+1.1	61	6	5	23	1.04	—1.90	0.47	20-21	3.0	8	12	5	14	w.	William R. Kelley.
Lock Haven	Delaware	12	19	39.9§	+4.7	75	6†	14	20†	1.41	—1.86	0.37	9-10	0.2	9	12	9	10	n.	Sun Oil Co.
Marcus Hook	Blair	1,493	3	28.7	.....	60	6	— 6	23	1.37	.....	0.50	7	3.5	9	6	6	19	w.	U. S. Weather Bureau
Martinsburg	Susquehanna	1,176	40	22.7§	—0.2	53	6	— 5	20†	1.30§	—1.27	0.39	7	6.3	12	11	6	14	nw.	Harry S. Fancher.
Montrose-3 E	Monroe	1,914	4	23.7	+0.6	54	6†	— 5	20	2.05	—1.33	0.72	21	5.1	12	8	4	19	w.	U. S. Weather Bureau.
Mt. Pocono Arpt.-2 N.	Carbon	455	27	29.2	+1.0	58	6†	0	23	1.59	—1.20	0.48	7	2.9	8	12	7	12	sw.	New Jersey Zinc Co.
Palmerton	Philadelphia	10	4	35.2	+2.6	65	6	11	20	1.51	—1.79	0.44	20-21	1.7	10	5	12	14	nw.	U. S. Weather Bureau.
Philadelphia	Centre	1,916	3	25.2	.....	55	6†	—17	23	1.54	.....	0.47	20-21	6.2	11	4	6	21	w.	U. S. Weather Bureau.
Philipsburg-7 E.	Chester	100	36	33.4	+2.4	64	6†	— 3	23	1.12	—2.54	0.42	20-21	3.0	5	18	4	9	nw.	Phila.-Suburban Water Co.
Phoenixville-1.5 SE.	Schuylkill	407	7	28.6	—0.2	58	6†	2	23	2.16§	—1.36	0.55	20-21	4.5	11	13	11	7	....	Earl E. Rarick.
Port Clinton‡‡	Bucks	480	60	30.4	+2.8	62	7	1	23	1.24	—2.22	0.38	30-31	1.4	9	9	13	9	w.	John E. Beuner.
Quakertown-0.5 E.	Berks	273	75	32.9	+1.8	64	7	8	20	1.40	—2.17	0.60	20-21	2.7	9	7	9	16	nw.	U. S. Weather Bureau.
Reading	Lackawanna	746	51	29.6	+3.0	59	6	2	20	0.62	—2.41	0.22	9	1.8	9	7	10	14	sw.	U. S. Weather Bureau.
Scranton	Snyder	476	55	29.4	+0.7	60	7	— 2	23	1.32	—1.69	0.61	20-21	2.7	8	2	11	18	s.	Dr. George E. Fisher.
Selinsgrove	Centre	1,217	60	28.8	+2.0	60	6	— 1	23†	1.06	—1.85	0.38	20-21	3.4	8	7	7	17	sw.	Penna. State College.
State College	Monroe	440	26	30.0	+3.0	59	7	— 2	23	1.84	—1.42	0.79	6-7	2.5	8	9	3	19	w.	Metropolitan Edison Co.
Stroudsburg-2 E.	Clinton	2,250	5	24.4	.....	53	6	— 3	23	1.22	....	0.45	20-21	6.0	13	5	11	15	w.	James E. Swartz.
Tamarack-2 S.	Bradford	754	51	28.9	+3.3	58	6†	— 6	23	0.83	—1.15	0.42	20-21	2.6	8	10	9	12	nw.	Mrs. M. Ordelia Parks.
Towanda-1 E	Tioga	1,319	75	24.6	+0.4	54	6	—13	23†	0.87	—1.50	0.30	20-21	3.1	10	10	4	17	s.	M. S. Bliss.
Wellsboro	Chester	440	96	33.4	+2.8	62	7	8	23	1.43	—2.35	0.46	9	2.0	7	9	10	12	nw.	Clyde T. Saylor.
West Chester	Luzerne	544	7	29.8	.....	59	6	3	20†	0.73	.....	0.24	9	1.4	7	5	8	18	sw.	U. S. Weather Bureau.
Wilkes-Barre Apt.-3N.	Lycoming	520	1	28.2	.....	59	6	— 7	23	1.25	.....	0.55	20-21	4.2	7	7	3	21	w.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Dauphin	775	29	30.2	+1.7	60	7	— 3	23	1.97§	—0.65	0.54	7-8	1.5	9	1	16	14	....	Gordon E. Lower.
Williamstown	Centre	2,191	4	24.5	.....	54	6†	— 1	20	1.04	.....	0.44	20-21	7.2	11	4	1	26	w.	U. S. Weather Bureau.
Woodward-2 NE.	York	390	57	33.9	+3.6	64	6†	2	23	0.83	—2.17	0.52	20-21	1.8	6	8	9	14	w.	York Water Co.
Division mean				29.5		75	6†	—27	23	1.36		1.02	7	3.4	9	9	8	14	w.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	28.1	.....	69	6	— 2	27	1.17	—1.71	0.24	11-12	7.1	20	6	2	23	se.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	28	24.1	+0.3	58	5†	—12	27	1.66	—1.35	0.34	9	14.5	12	7	9	15	nw.	City Water Dept.
Brookville Apt.-1.5 SW.	Jefferson	1,400	55	26.6	+2.0	64	6	—14	23	1.46	—1.67	0.35	9†	4.0	16	8	0	23	sw.	Civil Aeronautics Authority
Butler‡	Butler	1,077	32	30.8	+1.8	68	6†	—12	23	1.47	—1.30	0.42	20-21	5.0	7	11	13	7	nw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	27.8	.....	66	6	—14	23	1.38	—2.04	0.34	8-9	5.4	15	8	4	19	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	29.8	—1.0	71	6	— 4	23†	0.88	—2.24	0.23	11-12	6.7	11	11	3	17	nw.	Walter B. Paget.
Corry	Erie	1,410	31	26.0	+1.5	59	5†	—15	23	1.06	—2.20	0.21	12-13	17.2	13	7	6	18	w.	J. Fred Kinley.
Coudersport	Potter	1,653	21	24.6	+0.7	57	6	—15	23	1.09	—1.61	0.40	20-21	6.5	10	11	7	13	s.	Potter Enterprise.
Derry	Westmoreland	1,150	48	32.7	+2.1	74	6	0	23	1.07	—2.61	0.52	21	3.8	8	10	11	10	sw.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	28.2	.....	69	6	— 9	23	1.62	.....	0.58	7	10.3	14	4	16	11	nw.	Penna. Turnpike Comm.
Donora	Washington	761	19	34.6	+1.0	75	6	6	23	0.60	—1.79	0.21	21	1.0	6	3	8	20	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	26.8	+1.2	62	6	— 3	23	1.59	—1.60	0.52	11-12	9.0§	13	10	3	18	w.	John L. McGough.
Farrell	Mercer	855	32	31.0	+2.8	68	6	— 3	23	1.00§	—1.43	0.23	7	4.0§	10	15	7	9	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S.	Armstrong	950	2	27.6	.....	70	6	—17	23	1.43	.....	0.42	20-21	8.0	11	8	5	18	w.	U.S. Engineers.
Franklin	Venango	987	71	27.4	+1.0	64	6	— 4	23	1.38	—2.02	0.29	6-7	7.5	12	12	6	13	s.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	33.0	+2.1	73	6	— 2	23	1.11§	—2.28	0.36	20-21	3.4§	10	8	5	18	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	30.4	+1.3	70	6	— 2	22	1.13§	—2.52	0.26	20-21	7.5	11	10	10	11	w.	Indiana State Teachers Col.
Jamestown-2 NW.	Mercer	1,050	4	28.0	.....	66	6	— 7	27	0.66	—1.77	0.13	8-9†	....	12	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	30.8	+0.6	64	6	— 7	23	1.44	—2.65	0.50	11-12	8.8	11	14	8	9	se.	Johnstown Tribune Pub. Co
Kane-1 N.	McKean	1,750	30	22.8	.....	58	6	—18	27	1.76	—1.78	0.50	8-9	12.7	15	9	2	20	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	26.0	+0.7	64	6	— 8	23	1.27	—1.86	0.23	8-9	14.9	15	5	7	19	sw.	City of Meadville.
Midland	Beaver	780	9	31.6	.....	67	6	— 1	23	1.05	—1.45	0.35	20-21	3.9	11	7	6	18	nw.	Perry P. Campbell.
New Castle 1.5 N.	Lawrence	900	65	31.7	+3.6	68	6†	— 4	23	0.97	—1.94	0.28	7	3.6	11	7	7	17	nw.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,386	12	32.2	+4.0	70	6	1	22	1.12	—1.93	0.37	20-21	6.1	14	7	5	19	s.	U. S. Engineers.
Putneyville-2.5 SE	Armstrong	1,270	2	27.1§	.....	.....	.....	—13	23	1.41§	.....	0.38	20-21	9.5	12	8	8	15	w.	U. S. Engineers.
Ridgway	Elk	1,385	38	24.6	—0.4	61	5†	—15	23	1.56	—1.27	0.30	9	7.5	14	7	6	18	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	28.8	+2.2	67	6	—18	23	2.26	—1.98	0.83	6-7	7.0	11	6	6	19	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	27.8	+1.3	62	6	—11	23	1.89	—1.77	0.44	7	7.1	14	7	6	18	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	24.4	.....	63	6	—12	23	1.54	—0.65	0.25	8-9	10.3	16	10	0	21	sw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	27.2	.....	59	6	— 3	23	1.45	.....	0.38	8-9	10.5	15	2	18	11	se.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	35.8	+3.1	74	6	5	23	2.21	—1.32	1.20	7	2.5	10	8	13	10	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	32.2	+1.5	71	6	— 8	23	0.96§	—1.73	0.39	21	.....	9	4	8	19	....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	27.8	+2.2	61	5	—10	27	1.89	—0.94	0.34	11-12	7.0	16	10	15	6	w.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	34.0	+1.4	72	6	1	23	1.16	—1.90	0.35	7	1.5	8	8	9	14	w.	Thomas S Knox.
Division mean				28.8		75	6	—18	23†	1.36		1.20	7	7.4	12	8	7	16	sw.	
Lake Drainage																				
Albion	Erie	900	2	26.4	.....	65	6	— 8	22	1.54	.....	0.32	13	8.0	14	12	10	9	n.	Charles C. Gilbert.
Erie	Erie	705	72	30.6	+3.8	64	6	7	22	1.11	—1.66	0.39	9	7.8	15	4	3	24	w.	U. S. Weather Bureau
State mean				29.2	+1.0	75	6†	—27	23	1.36	—1.77	1.20	7	5.0	10	8	8	15	w.	

[See page 8 for explanation of reference marks.]

Daily Precipitation for January 1946

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	.25					.06	.06	.34		.17		.10									.23	.10								.18	1.49
Edgemont	Wayne	.13	F				T	.02	.20	.02	.23		.10	.04	T.				.01	.03		.16	.28			T.	T.					.26	1.43
Hawley[2], 0.5 E	Wayne	.17	T					.07	.03	.03	.10		.06	T.	.02		T		T.	.05		.27	.25			.07	T			T.	.11	1.23
Hollisterville[2]	Wayne	.16	T.				.01	.08	.05	.11	.13		.14	.02	T.				T.	.03		.30	.23	T.		.03	T.				.10	1.39
Lakeville[2], 1 N	Wayne	.15						.14		.03	.11		.01		T				.01	T.		.01				.02					.19	[6]0.70
Matamoras[2]	Pike	.23						.07	.18		.22		.06									.21	.07								.21	1.25
Milanville[2]	Wayne	.12						.02	.05		.29		.10	.05					.01	.01		.19	.22			T					.22	1.28
Mount Pocono[1], 2 N	Monroe		T.				.10	.47	T.	.30	T.	.05	.04	.02	T.	T	T.		.03	.01	.09	.63	T.		T.	.08				.23	T.	2.05
Pecks Pond[2]	Pike	.21					T	.28	T.	.04	.18		.14						T.	T.		.21	.18			.01					.18	1.43
Pleasant Mount[1, 5], 1 W	Wayne							.14		.10	.10	.03	*	*	.05				.04	.01	*	.37				.03					.11	0.98
Stroudsburg, 2 E	Monroe	T.					04	.75		.13	.06		.18	T.								.46			T.					.19	.03	1.84
Tanners Falls[1, 5], 1 SE	Wayne						.07	.02		.34	.03	.06	.05	.01							.04	.33								.21		1.16
Wind Gap[1, 5], 3 SW	N'rthampton						08	.21	.02	.34		.11	.09								.07	.24								.27	.03	1.46
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh	T.			T.		.03	.13	.01	.39	T.	.04	.06	1					T.		.04	.24			T.	T.				.19	T.	1.13
Allentown[2]	Lehigh	.32						T.	.16	.06	.19		.02									.36	.14			T.						.18	1.44
Bethlehem[1]	N'rthampton	T					.03	.09	.06	.32		.03	.12								.08	.19			T	T.				.22		1.14
Blakeslee Corners[1, 5]	Monroe	*	*	*	*	*	*	.46	*	*	*	*	*	*	12	*	*	*	*	*	*	*	.26	*	*	*	*	*	*	.02	*	*	0.86
Gouldsboro[2]	Wayne	.20					.02	.22	.06	.09	.16		.14	.03						.06		.27	.28			.04						.07	1.64
Lausford[2]	Carbon	T.					1	.49	.68	.17	.17		.36	T.								.25	.25			.04	T.					.19	2.59
Mauch Chunk, 1 SW	Carbon	T.	T.				08	.89	.02	.28	.20		.20	T.						T.		.59				T					.04	.02	[6]2.32
New Tripoli	Lehigh	T.					.05	.19	.04	.41	T.		.17	T								.56									.26	.02	1.70
Palmerton[1, 5]	Carbon	T				T.	.06	.48	T.	.31	T.	.08	.06	T.					T.		.17	.23			T.	T.				.20	T.	1.59
Zionsville, 1 SW	Lehigh						.05	.10	*	.30	.15		.18								.05	.40								.35		[6]1.58
SCHUYLKILL																																	
Conshohocken	Montgomery	T.					T.	.10		*	.34		.17	T.							T	.45								.16	.07	[6]1.29
Fredericksville[2], 1 S	Berks	.16					.10	.02	.07	.02	.22		.19		T.							.31	T.			T.					.37	1.46
Geigertown[2]	Berks	T.	T					*	*	*	.40		.16		T.					T.		.30	.23								.14	[6]1.23
Gratersford[2]	Montgomery	.32						.11	.05	.03	.29	.14										.27	.14	T.		T					.39	1.74
Phoenixville[2], 1.5 SE	Chester						T.	T.	T.		.34		.15		T.					T.		.30	.12								.21	1.12
Port Clinton[2]	Schuylkill	.30						.14	.26	.11	.21		.19	.06								.27	.28			.02					.32	[6]2.16
Pottstown[2], 0.5 S	Montgomery		.22					.02	.05		.29		.17									.30	.09								.23	1.37
Pottsville[2]	Schuylkill	.09					T.	.30	.60	.08	.12		.13				T.					.33	.08			T.					.16	1.89
Reading[1, 5]	Berks	T.					T.	.07	.05	.27		.03	.14	T.					T.		.23	.37				T.				.22	.02	1.40
Strausstown[2]	Berks	.16						.09	.14	.04	.21		.15									.24	.25			.01						.26	1.55
Virginville	Berks	.12					T.	.08	.11	.08	.24	.14	T.	.02	.24							.05	.18									.28	1.54
Wernersville	Berks	T.					T.	.02	.07	.26	.01		.21									.50				T.					.25	T.	1.32
LOWER DELAWARE																																	
Coatesville[6]	Chester						.04	.02		.50		.03	.14								07	.37								.17	.05	1.39
Doylestown	Bucks						.01	.07		.16	.10		.16									.27				T.					.29	.10	1.16
George School[6]	Bucks	T.					.01	T		.37			.14	T.								.37			.04						.25	.16	1.34
Maple Glen[1]	Montgomery	.01						.06	T		.21		.15		T							.29	T.								.03	.30	1.05
Marcus Hook[2]	Delaware	.24						.02	.03	T.	.37	.10	.15									.15	.05									.30	1.41
Philadelphia Southwest Airport, [1]	Philadelphia	T.																															
City Office[1, 5]	Philadelphia	T		T.			.02	.04	T.	.34		.02	.22					T	T.		.21	.09			.01		T.	T.		.20	.24	1.39
Shawmont	Philadelphia	T.					.01	.01	T.	.38		.01	.20	T					T.		.27	.17			.03					.18	.25	1.51
Quakertown, 0.5 E	Bucks						.02	.06		.10	.23		.19								T.	.48			T.					.24	.18	[6]1.50
West Chester	Chester						.02	.05	.07	.16	.13		.16	T.								.32									.28	.05	1.24
West Grove[2], 1.5 SE	Chester						T.	.04		.44	.02		.19								T.	.36								.22	.16	1.43
								.03	.02		.51		.23									.38									.42	1.59
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga									.13	.01		.01			T.						.23									.02	0.40
Covington[2]	Tioga							.02	.03	.20	.02	.05	.10	T.					T.	.02		.20	.23								.03	0.90
Lawrenceville	Tioga							T.		.15			T.	.05		T.						.44				T.						0.64
NORTH BRANCH																																	
Berwick	Columbia							.20		.20	.15		.10	T.					T.			.40				.12					.05		[6]1.22
Canton[2], 1 NW	Bradford	.07						.10	.10	.20	.03		.05	.06	T.							.40											
Danville[2]	Montour	T					.18	.39	T.	.16	.16		.18		T.					T.		.21	.26				T.				.09	1.19
Freeland[2]	Luzerne	.32	T.				.03	.15	.20	.17	.23		.15		T.		T.				T.	.25	.33								.10	1.75
Hop Bottom[2], 2 S	Susquehanna	.19	T					.11	.09	.20	.09			T					.05		T.	.30	.11			T.	T.				.03	1.71
Millville[1, 5]	Columbia							.10		.22	.01	*	*		.20							.49								T.	.01	1.23
Monroeton[2], 2 S	Bradford	.11						.12	.23	.14	.05		.10	T.							*	.65								.04		[6]1.12
Montrose[2], 3 E	Susquehanna	.03	T.				.02	.01	.38	T.	.20	T.	.01	T	T					.01		.12	.36			.01					T.	.04	1.30
Orwell[2], 3 N	Bradford							.13	.02	.16	.03					T.		.01	T.	.01		.01	.37			.02	.06				.18	[6]1.40
Park Place[1], 1 NW	Schuylkill	.01	T.				.01	.59	T.	.22		.06	.08	1		T			T.		.02	.41			T.	.06				.06	T.	1.52
Pikes Creek[1, 5]	Luzerne							.05		.28	.15	.07	.15	.01					T.		.04	.30								.03		1.08
Rush[2]	Susquehanna	.16						.08	.14	.13	.10		.09									T.	.45			.04						.05	1.24
Scranton[1, 5]	Lackawanna	T	T.				T.	.11		.22		T.	.08	.01	T.	T.			.01		.06	.10	T.			.01				.02		0.62
Susquehanna[2]	Susquehanna		.02						.30	.09	.11	T.	.07	.03	T.		T.		.02	.02	T.	.04	.16			.05	.01	T.		T.	.15	1.07
Towanda, 1 E	Bradford	T.	T.	T				.17		.14	.01		.02	.01	T.	T.			T.		T.	.42	T.			.01				.05	T.	0.83
Tunkhannock	Wyoming					T.		.13		*	.14		.60	T.					T.			.35	T.			T.				.10	1	1.32
Wilkes-Barre[1], 3 N	Luzerne	T.					T.	.13	T.	.24	T.	.06	.06	T.		T.			T.	T.	.02	.20				T.				.02	T.	0.73
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.02						.03	.06	.16	.02		.15	.02	T.		T.		T.			.35	.05			T.					.02	0.88
Carrolltown[2]	Cambria	.13	.03	T.	T.			.03	.04	.10	.19		.46	.03	.01		T.			T.		.31	.06			.13		T.		T.	.05	1.57
Carter Camp[2]	Potter	T.					T.	.12	.21	.20		.12	.11			T.		T.	T.			.42	.10			T.	.02				.04	1.34
Cedar Run[2]	Lycoming	.04						.04	.03	.13	.17		.20	.02		T.		1				.32	.12			.04	T.				.07	1.18
Clearfield[2]	Clearfield	.03	.01		T.			.02	.03	.24	.07		.32	T.	T.							.47	.05			.01	T.			T.	.08	1.33
Coalport[2]	Clearfield																																
CurwensvilleApt[1] 6NW	Clearfield	.04	T.	T.	T.		T.	.04	.09	.27	.02	.08	.21	.02	T.	T.		T.	.03	.01	.11	.26	T.		T.	.06	T.	T.	T.	T.	.07	.04	1.35
Driftwood[1, 5]	Cameron							*	*	*	*	*	*	*	.58			.02	.16		.18	.45								.04		1.43
Dushore[1, 5]	Sullivan		*	*	*	*	*	.26		.23		.08				*	*	*	*	*	*	.45								.10		1.12
Eagles Mere[2]	Sullivan	.18						.05	.12	.12	.27		.22	T.	T.					.05		.10	.48			T.	T.				.18	1.77
Emporium[2], 1 E	Cameron																				T.	.35	.08			T.	T.				.03	[6]5
English Center[1], 5	Lycoming							.13		.26	.01	.11	.01								.04	.39								.04	.03	1.02
Galeton	Potter			T.	T.			.15		.20	.02		.18	T.		T.			T.			.40				T.	.01			.02	T.	0.98

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield	.03					.04	.03	.03	.29	.06		.23	.02	T.					T.		.40	.11			T.	T.				T.	.03	1.27
Lock Haven[2]	Clinton	.02	T.					.09		.21	.05		.15		T		T.					.33	.14			T.	T.					.06	1.04
Medix Run[1, 5]	Elk							.08	.03	.27		.09	.15	.10					.03		.03	.32				.07					.05		1.22
Philipsburg[1], 7 E	Centre	T.	.01		T.		T.	.11	.14	.38	.01	.37	.06	T.	T.	T.		T	T	T.	.06	.30	T.		T.	.07	T.	T.	T.	T	.03	T.	1.54
Renovo[2]	Clinton							.02	.05	.12	.18		.13	.02								.33	.10			T.	.02					.09	1.06
State College[1, 5]	Centre	T.	T.		T.		T.	.04	.09	.17	T.	.25	.08	T.	T.	T.				T.	.05	.37	T		T.	.01	T.				T.	T.	1.06
Tamarack[2], 2 S	Clinton	.06	T.	T.			.01	.05	.12	.15	.11	T.	.18	.02			T			.01		.34	.11			T.	.03					.03	1.22
Trout Run	Lycoming																		T.	T.		.47									T.		§§
Tyrone [1, 5], 4 NE	Blair								.15	.20		.80	.12								.07	.26									.02		1.12
Wellsboro[2]	Tioga	.08						.02	.09	.19	.08		.08	T.	.01		T.			T.		.22	.08			T.							.02	0.87
Williamsport Apt.[1]-4 E	Lycoming	T					T.	.12	T.	.33	T.	.08	.04	T.		T.			T.	T	.06	.49			T.	T.					.13	T.	1.25
Williamsport[2]	Lycoming	.11						.05	.04	.21	.08		.23									.26	.32										.08	1.38
Williamsport[2], 4 SE	Lycoming	.13						.06	.04	.30	.16		.17				T.		T.	T.		.20	.42			T.	T					.10	1.58
JUNIATA																																	
Altoona, 4.5 W	Blair		.06					.13		.15	.10		.58			T.						.30				.03					.06		1.41
Breezewood[1], 0.5 E	Bedford						.02	.31	.05	.07		.06	.02	T.							.10	.40									.04		1.07
Buffalo Mills[2]	Bedford							.30	.19	.05			.38									.39	.06			.05							1.42
Burnt Cabins[1], 2 NE	Fulton						.03	.30	.03	.04		.28	.02								.10	.52									.01		1.33
East Waterford[2], 3 E	Juniata	.14	T.	T.	T.		.01	.61	.51	.12	.07		.26	.03	T		T.		T.	T.		.41	.32	T.		T.	T.		T.			.03	2.51
Everett[2], 0.5 SW	Bedford	.12					.02	.24	.15	.05	.04		.38	.05								.39	.10			.04	T					.01	$1.59
Huntingdon[2]	Huntingdon	.06						.28	.04	.17	.06		.41	T.								.31	.02			T.	T.					.03	1.38
Lewistown[2], 1 W	Mifflin	.05						.28	.04	.10	.04		.19	T.	T.		T.					.38	.22								T.	.12	$1.42
Mapleton Depot[2]	Huntingdon	.12						.25	.13	.06	.01		.35	T.								.37	.11									.01	1.41
Martinsburg[1]	Blair	T	T.				T	.50	.11	.06	T	.25	.13	T	T.	T				T.	.08	.22	T.		T.	.01	T.				.01	T.	1.37
McConnellstown[2], 4NW	Huntingdon	.13						.20	.06	.15	.10		.57	T.								.30	.04			T					.04	T.	1.59
Neffs Mills[1, 5], 3.5 NE	Huntingdon					•	•	*	•	•	•	.32	•	*	•	•	•	•	.40	•	•	•	•	•	•	.28	•	•	•	•	•	•	1.00
New Bloomfield	Perry	T.					T.	.55	.17	.20			.28									.62									.10		1.92
Newport[2]	Perry	.16						.15	.85	.08	.06		.24	T.								.31	.32										.07	2.24
Saxton[2], 1 W	Bedford	.08						.55	.11	.07	T		.40									.38										T.	$1.59
Shade Gap[1, 5], 0.5 SW	Huntingdon						.04	.54		.11		.25	.10								.05	.51									.04		1.64
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	.04						.11	.18		.12		.14									.37										.20	1.16
Bloserville, 1.5 N	Cumberland						.04	.27	T.	.24			.38									.70									.13	T.	1.76
Carlisle	Cumberland						.03	.14	.10	.13	.01	T.	.31									.82			T.						.02		1.56
Columbia	Lancaster						T.	.03	.05	.11	.06		.18									.51									.07		0.96
Dauphin[2], 3 N	Dauphin	•					•	.60	.29	.03	.03		.17	T.								.36	.22									.12	1.82
Ephrata	Lancaster	T.					T.	.02	.05	.30	.01		.18			T.					T	.53									.14	.01	1.24
Glen Rock[1, 5]	York						.01	.01		.20		.06	.09							•	•	•	.55								.12		1.04
Gordon	Schuylkill	T					.02	.95	.04	.09	.04		.24	T								.56									.11		2.05
Grantville, 2 SW	Dauphin						.03	.28	.06	.18	.03		.18									.62									.19	.03	1.50
Hanover[2]	York	.19					T.	.01	.02	.01	.10		.18	T								.61	.09		T.							.09	1.30
Harrisburg Apt[1, 5], 3.5 S	Dauphin			T.		T.	.03	.18	.08	.06		.08	.07	T.		T.					12	.39		T.	T.					.11	T	1.07
Holtwood[2]	Lancaster	.18	T.				T.	T.	.02	.02	.20		.06									.24	.17									.04	0.93
Huntsdale[2]	Cumberland	.11						.05	.15	.01	.02		.25	T.	T.							.52	.07									.10	1.28
Kirkwood[1, 5], 1 SW	Lancaster									.30			.18								.24	.05								.14	.09	1.00
Lancaster	Lancaster	T.					.01	T.	.04	.14	.13		.12									.46									.07	.03	1.00
Lebanon[2]	Lebanon	.22					T.	.09	.11	.03	.16		.17				T.					.32	.18									.24	1.52
Middletown[1], 1.5 W	Dauphin						T.	.11	.03	.05		.10	.04								.19	.19		T.	T.					.16	T.	0.87
Millersburg[1, 5], 2 E	Dauphin							1.03	.03			.07	.11								.14	.43								.05		1.86
Milroy[2]	Mifflin	.05	T	T.				.15		•	.25		.38	T	T		T.					.38	.01			T.						.15	1.37
Newburg[1], 3.5 NW	Cumberland						T.	.27		.10		.22									.14	.48								T	T	1.21
New Park	York																																
Pine Grove[2], 1.5 NE	Schuylkill	.12	T					.17	.25	.08	.12		.11		.02		T.					.28	.29			.01						.24	1.69
Selinsgrove	Snyder						T.	.22	.04	T.	.01		.22	.08		T.					T.	.61				.02					.12		1.32
Shamokin[2]	N'umberland	.28						.40	.09	.07	.04		.24	T.	.04							.08	.38									.08	1.70
Shippensburg	Cumberland						.10	.08	.15	.06	T.		.28									.55									.16	.02	1.40
Sunbury[2]	N'umberland	.07	T.				T.	.24	.05	.09	.12		.20	T.	.04		T.					.18	.41			T.					T.	.15	1.55
Williamstown[2]	Dauphin	.22						.33	.54	.05	.07		.11		T							•	.53									.12	$1.97
Woodward[1, 5], 2 NE	Centre	T	T.				T.	.13	.06	.09	T.	.21	.04	.04	T.	.01		T.	T.	T.	.03	.41	T.		T	.01			T.	T	.01	T.	1.04
York, 3 SW	York	T.					.03			.16	.02		.05									.52									.05		0.83
York Haven[2]	York	.23					.02	.04	.10	.04	.09		.07									.33	.26									.22	1.40
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin						.02	.26	.10	.10		.14	.15	T.							.20	.40									.09		1.46
Gettysburg	Adams							.09	.05	.12			.22								T.	.50									.11		1.09
Hewitt, 2 SW	Bedford						T.	.07	.16	.08			.43									.55									T.		1.29
Hyndman[2]	Bedford	.03					T.	.10	.11	.06	.05		.50									.48	T			T.						T.	1.33
McConnellsburg[2]	Fulton						.10	.15	.11	T			.33									.47	T									T.	1.16
Mercersburg[2]	Franklin	.10						.35	.18	.02	.04		.34									.54										.03	$1.60
South Mt. San't'm[2]	Franklin	.25					.01	.09	.27	.03	.08		.29									.51	.11									.10	1.74
GULF DRAINAGE *Ohio Basin*																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.05	.01					.05	.07	.07	.06		.22	T.	.03							.39	.12			.04	T.				T.		1.11
Allens Mills[1, 5]	Jefferson	.05						.19	.05	.36		.13	.24								.02	.39		•	•	•	•	•	.11	.10		$1.64
Blairsville[1], 6 NE	Indiana	.05	.01	.01		T.	T.	.12	.05	.01	.05	.22	.09	.05		.01			.02	.01	.01	.16	.01		.10	.09	T.				.09	.01	1.17
Boswell[2], 6 NW	Somerset	.25	.07	.03				.45	.13	.04	.22		.34	.02			.02					.28	.05			.17						.06	2.18
Bradford, 4 W	McKean	.15	T.					.05		.34	.31		.23	.30	.03				.03	.03		.03				.01	.15				T.	T	1.66
Brookville[1], 1.5 SW	Jefferson	.07	.02		T.	T.	T.	.13	.05	.35	.03	.11	.09	.05	T.	T.			.02	T.	T.	.35	.01		.03	.02			T.		.10	.02	1.46
Buckstown[1, 5]	Somerset							.80	.07	.13		.21	.19								.06	.21			.02	.02					.02	.04	1.77
Clarion[2], 3 SW	Clarion	.02	T.	.02				.14	.09	.18	.16		.18	.08	T.					.01		.20	.06			.05	.03					.03	.13	1.38
Corry	Erie	.07	.02				T.	.05		.09	.05		.20	.21	T.	.03			.02	.04		.15			T.	.10	T.		T.		.03	T.	1.06
Coudersport	Potter									.23	.05		.06	.05	.18	.04			.03			.40									.02	.03	1.09
Derry	W'moreland	.06	.03					.11	T.	.15			.10	T.		T.						.52	T.			.05					.05	T.	1.07
Donegal[1]	W'moreland	.05	.03	.02				.58	.05	.08	.03	.25	.02			.01				T.	T.	.03	T.		.02	.40							1.62
Dunlo[1, 5], 0.5 SW	Cambria	.04						.46	.08	.11	.01	.06	.40								.01	.20			.02	.09							1.48
Ebensburg[2]	Cambria	.04	.06					.09		.10	.10		.52	.05	T.		.04		.07	T.		.29	.02			.14	T.					.07	1.59
Ford City[2], 4 S	Armstrong	.05	T.	T.				.12	.04	.15	.08		.24	.07						T.	T.	.36	.06			.08					T.	.18	1.43
Franklin[2]	Venango	.05	.02	T				.29	T.	.22	.25		.15	.07	T.					T		.17	.08			.03	.03	T.			T	.02	1.38
Glen Hazel[2], 1 NE	Elk		.01					.14		.12	.20	T.	.20	.10	T.	T.	T.		T.	.03		.28	T.			.03	.03	T.			T.	.03	1.17
Home[1, 5]	Indiana	.03						.12	.13	.19		.20	.08								.03	.35			.04	.04					.04	.02	$1.27
Indiana	Indiana	.06	.03	T.				.10		.05	.04		.25	.04					.02			.26	T.			.19					.09		$1.13
Johnstown[2], 0.5 W	Cambria	.07	.12		T.			T.	.03	.05	.11		.50	.05						T.		.31	.03			.10						.07	1.44
Kane[1], 1 N	McKean	.05	.01					.24	T.	.50	.01	.07	.27	.09		T.					.06	.02	.03	.23	T.		T.	.09			T.	.03	.06	1.76

Continued on page 5.

Daily Precipitation for January 1946—Continued from page 4

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kregar[1, 5] 1.5 SE	W'moreland	.10	.04	T.				.78	T.	.20	.06	.42	.07	T.		T			T.		.24	.36	T.		.12	15	T.	T.			12	.10	2.76
Lyeippus, 1.5 E	W'moreland	.18	.02	T.	T.		T.	.37	.06	.02	.03	T.	.65	.12		T.				T.		.12				.18					.12	T.	1.87
Marienville[1, 5]	Forest	.04						.26	.07	.34	.04	.10	.30	.09							.01	.24				.04				.02	.08	.03	§1.66
Meadville[2], 1 S	Crawford	.04	.04	T.				.14	T.	.21	.02		.17	.20	.05	T.	T.			.01	T.	.11	.04			.14	T	.01			.05	.04	1.27
Mosgrove[2]	Armstrong	.04	.02	.03				.01	.07	.18	.28		.23	.08	T.					T.	T.	.43	.09			.07	.04				.01	.18	1.76
Parkers Landing[2]	Armstrong	.04	.03	T.				.16	T.	.20	.25		.18	T.	T.					T.		.48	T.			T.			T			.12	1.46
Pittsburgh Cty Of[1, 5]	Allegheny	.01	.01	T.	T		T.	.10	.02	T	.01	.18	.03	.01		T.				T.	.01	.40	.01		.01	T.	T.				.11	.01	0.92
Port Allegany[2]	McKean	T.	T					.03	.13	.20	.10	T.	.16	.09	.02		T.		.02	.01		.16	.03			.02	.03	T				T.	1.00
Punxsutawney[2]	Jefferson	.03	.01						.01	.10	.15	T.	.24	.02						T.	T.	.15	.01			.04					T.	.18	0.94
Putneyville[2], 2.5 SE	Armstrong	.06	.01					.15	.04	.13	.10		.23	.08						T.		.38	.04			.04					T.	.15	§1.41
Ridgway[2]	Elk	.05	.15	T.				.05	.10	.22	.30	T	.18	.07	.02		T.		T.	.02		.26	.04			.03	T.				T.	.07	1.56
Saltsburg[2]	Indiana	.10	.01	T.	T.			.02	.05	.04	.18	T.	.24	.01	.02		T.			T.	T.	.29	.03			.07	.01	T.			T.	.09	1.16
Seward[2]	W'moreland	.12	.06					.11	.08	.09	.12		.25									.16	.09			.06						.03	1.17
Sheffield[1, 5], 6 W	Warren	.05						.19		.56		.06	.24	.07					.02		.02	.14				.06					.09		1.50
Smethport[1, 5], 1 SW	McKean							.16		.36	.06	.05	.25	.04	.08						*	.19				.03						.03	§1.25
Strongstown[1, 5]	Indiana							.06	.04	.22		.28	.13								.01	.19			.05	.07					.07	.01	1.13
Tionesta[2], 1.5 SE	Forest	.06	.01	T.				.22	.02	.25	.20		.23	.17	.05					.02		.14	.05			.05	.01				.03	.03	1.54
Titusville, 2 S	Crawford	.03	.01				.05	.19		.27	.11		.18	.13	.01	T.			.02			.22	.01		T.	.13	.02				.07	T.	1.45
Union City[1, 5]	Erie	.19						.06		.23		*	*	.41	.14	.08					.03	.06	.01		*	.18		.02			.04	.01	§1.31
Vandergrift[1]	W'moreland	.01	.01	T.	T.	T.	T.	.12	.05	.13		.12	.03	T.	T.	T.					T.	.39	T.								.10		§0.96
Warren[2]	Warren	.05	.04					.19	.11	.20	.18	T.	.34	.07	.04	T.	.02		T.	.01		.14	.16			.11	.07					.16	1.89
Youngsville[1, 5]	Warren		.05					.11		.41		.05	.17	.04								.17			.03	.08	.01			.02			1.14
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.21	T.		T.			.67	.20	.04	.08		.44	.03	T.		T.					T.	.17	.03			.09	.01					.07	2.04
Connellsville[2]	Fayette	.23	T.					.55	T.	.16	T.		.18	T.	T.							T.	.20			.07						.05	1.44
Donora[1]	Washington	T.	T.					.09	T.	T.	T.	.17	.02			T.				T.	T.	.21			.05	T.					.06	T.	0.60
Greensboro[2]	Greene	.17	.02					.92	.29	.06	.06		.27	.03	T.		T.					.05				.02	T.				T.	.03	1.92
Greensburg, 2 S	W'moreland	.05	T.					.04	.06	.07	.03	.02	.28	T		T.				T.		.36				.15	T.	T.			.05		§1.11
Irwin	W'moreland	.01	.01	T.			T	.10	.01	.02	.05		.27	.02		T.				T.		.32				.09					.09		1.02
Meyersdale[2]	Somerset	.21	.02					.30	.21	.08	.44	T.	.45									.28	T.			.06	T.						2.05
Murrysville // [1, 5]	W'moreland							.06		.03	.02	.21	.07								.03	.37			.04	.05					.08	.03	0.99
Newell[7]	Fayette							.16	.08	.19	.12		.26									.18	.16			.04					.16	T.	1.35
Pittsburgh Arpt.// [1, 5]	Allegheny	.06	T.	T.	T		T.	.09	.01	.01	.07	.18	.05	.03		T.				T.	.05	.32	.05		.05	.03	T.	T.	T.		.12	T.	1.12
Rices Landing[2]	Greene	.15	T.					.30	.13	.05	.11		.37	.02								.03	.08			.04					T.	.05	1.33
Somerset	Somerset	.05	T.	T.			T.	.83	.14	.02	.23	.03	.44	.02		T.					T.	.38				.09	T.				.08		2.26
Springs[6], 1 SW	Somerset	.13	.01	T.	T.			.14	.21	.17	.05	.18	.19	.02		T.				T.	T.	.32	T.		.01	.07	.02				.07	T.	1.89
Uniontown	Fayette	.14		T.	T.			1.20	.18	.12	T.	.03	.20			T.						.20				.08					.05	.01	2.21
Waynesburg	Greene	.15						.35	.07	.21		.03	.22									.02									.11		1.16
BEAVER																																	
Beaver Falls[2]	Beaver	.03	T.	T.				.07	.06	.13	.09	T.	.15	.03	T.						T.	.20	.15			T.	T.	T.			T.	.10	1.01
Butler	Butler	.11						.20		.13	.29		.14									.42									.18		1.47
Farrell[2]	Mercer	.01	.02					.23		.18	.10											.22				.07	.02				.06	.09	§1.00
Greenville	Mercer	.03	.02				.03	.17		.25	.11	T.	.17	.03					T	T		.20			.05	.07					.18	T.	1.31
Jamestown[2], 2 NW	Mercer	.01	.01					.12		.13	.01		.13	.01	T.				T.	T	T.	.05	.03			.06	T.				.06	.04	0.66
Mercer Arpt.[1], 2.5 NE	Mercer	.03	.01				.01	.24	.01	.21	.02	.08	.02	.01		T.			T.	.01	.01	.11	T.		.04	.02	T	T.			.13	.01	0.97
New Castle, 1.5 N	Lawrence	.04	.02		T.		.01	.28		.14	.12		T.	T						T.		.05	.20		.01	.04					.06	T	0.97
Pennline.[2], 1 S	Crawford	.02	.03					.02		.19	.12		.17	.10	.01	T.	T.		T.	T		.17	.03			.06	.03	T.			.07	.05	1.07
OHIO																																	
Claysville[2]	Washington	.09	.01					.06	.05	.07			.23	.02							T.	.14	.11			.06						.04	0.88
Coraopolis[2], 1 E	Allegheny	T.	.04					.10	.03	.05	.09		.21	.01	T.							.35	.07									.13	1.08
Midland[2]	Beaver	.01	T.					.11		.10	.07	T.	.22	.03								.23	.12			.04					.01	.11	1.05
Washington[1, 5]	Washington							.06	.02			.21	.04									.28			.02						.11		0.74
LAKE DRAINAGE																																	
Albion[2]	Erie	.09	.09					.02		*	.32		*	.21	.32	T.	T.		T.	.03		.11	.12			.02					.08	.13	1.54
Erie[1, 5]	Erie	.07	.11				T.	T.	T.	.39	.01	.10	.10	.01	T.	.01	T.	T.	.01	T.	T.	.13	.03		.01	.03	T.	T.	T.		.06	.04	1.11
Raymond[1, 5]	Potter							.09		.30		.04	.11	*	.13						.01	.26				.01					.01	.02	§0.98

[See page 8 for explanation of reference marks.]

Daily Temperatures for January 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum..	27	26	33	45	54	65	55	45	60	36	36	39	29	39	19	39	35	34	39	29	30	31	20	35	37	39	15	35	35	38	45	36.9
	Minimum..	17	12	14	24	41	45	40	32	35	30	28	31	19	2	2	2	4	9	− 5	2	2	− 8	4	10	18	12	− 2	10	14	21	28	15.9
Allentown Arpt.1-4 NE..	Maximum..	31	29	37	38	49	59	59	49	41	49	40	47	41	33	37	29	35	36	41	18	34	32	30	33	36	38	26	39	39	39	41	38.2
	Minimum..	21	17	16	20	26	44	48	38	35	34	28	31	22	17	13	10	14	19	10	5	16	8	5	5	26	18	12	10	26	26	31	21.0
Allentown /.	Maximum..	36	30	37	40	53	61	63	54	51	50	48	48	33	34	37	28	35	43	30	25	34	23	31	35	39	41	34	39	41	42	44	40.0
	Minimum..	25	18	17	20	25	28	51	39	36	36	32	33	30	20	20	13	13	15	24	5	7	22	6	6	15	32	14	12	14	29	34	22.3
Altoona-4.5 W.	Maximum..	27	23	32	37	53	58	50	45	43	45	36	43	38	41	34	24	40	40	38	20	35	30	28	26	34	41	23	40	41	35	50	37.1
	Minimum..	16	11	11	29	35	44	43	37	35	35	25	30	19	12	19	4	8	25	18	11	15	5	− 3	9	16	19	2	8	22	26	30	19.9
Arendtsville6.	Maximum..	33	28	32	38	47	60	60	52	44	52	40	46	42	38	38	27	39	45	45	31	37	36	31	28	39	43	30	38	44	34	52	40.3
	Minimum.	22	16	14	20	27	40	47	42	37	40	31	31	25	15	19	8	10	25	26	13	18	9	4	7	24	29	14	8	24	29	34	22.8
Berwick	Maximum..	34	30	37	37	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§§
	Minimum..	24	17	15	30	30	44	45	36	35	43	25	32	27	18	18	8	11	18	16	4	15	12	5	11	22	22	9	10	25	25	29	§22.0
Bethlehem1	Maximum..	32	28	37	39	53	60	60	50	41	48	40	45	41	32	36	26	34	36	40	19	33	30	30	33	37	39	26	38	38	40	42	38.2
	Minimum..	22	18	20	24	32	48	50	40	36	36	32	32	22	20	14	12	16	24	10	6	16	14	10	12	28	18	14	10	30	30	32	23.5
Bradford-4 W.	Maximum..	23	23	38	38	58	58	46	37	45	47	34	39	36	32	32	22	34	31	34	19	30	21	34	31	32	32	21	33	36	39	47	34.9
	Minimum..	14	12	0	30	30	29	32	32	32	29	21	31	15	8	10	− 10	0	22	4	− 1	9	1	−11	5	20	10	− 12	5	9	11	25	13.3
Brookville1-1 5 SW.	Maximum..	21	23	34	38	54	64	50	40	51	45	35	46	29	34	31	26	36	37	30	24	31	17	30	32	36	36	19	33	36	48	49	36.0
	Minimum..	14	9	9	34	33	50	36	34	36	30	26	29	17	12	8	2	7	26	10	10	17	− 8	−14	13	24	2	− 8	7	18	32	20	17.3
Burnt Cabins1-2 NE.	Maximum..	28	30	37	43	53	60	58	48	47	50	36	43	41	36	36	27	40	44	42	20	40	28	30	32	38	42	26	38	45	36	50	39.5
	Minimum..	17	12	14	28	31	51	48	38	38	37	24	32	21	13	13	6	8	29	20	13	14	1	− 8	6	17	20	8	4	24	34	30	20.7
Butler.	Maximum..	27	25	33	39	59	68	68	51	61	61	38	45	40	40	40	26	37	39	42	39	35	33	30	39	39	37	22	33	40	40	40	40.8
	Minimum..	17	12	21	33	34	40	40	34	40	37	28	35	10	15	23	5	9	27	17	19	25	3	−12	10	25	22	− 5	3	13	29	33	20.7
Canton /-1 NW	Maximum..	23	25	33	37	50	56	50	35	48	43	34	31	24	29	31	20	33	35	18	26	33	12	25	29	35	35	19	32	34	39	47	32.9
	Minimum..	16	14	12	16	27	34	43	32	30	33	23	23	19	10	10	3	8	9	6	− 3	1	8	− 3	− 3	12	12	− 2	0	10	18	29	14.4
Carlisle.	Maximum..	34	31	38	38	48	60	58	52	45	52	45	47	43	38	38	33	35	44	44	26	34	33	27	28	39	43	36	40	42	38	52	40.7
	Minimum..	24	16	15	20	26	41	41	40	38	41	28	32	28	18	21	11	13	28	26	13	15	16	6	9	22	28	14	12	25	26	34	23.5
Chambersburg6-1 SW.	Maximum..	31	29	35	40	48	64	57	51	42	53	38	46	42	36	37	27	36	44	45	25	37	32	28	30	38	45	28	37	43	37	53	39.8
	Minimum..	19	14	14	21	28	42	49	41	38	37	27	32	24	15	20	10	12	30	25	14	15	7	− 1	5	15	26	13	10	27	30	32	22.3
Clarion6-3 SW.	Maximum..	28	25	34	37	58	66	58	48	55	57	38	47	41	37	34	27	39	38	40	27	34	28	33	36	34	38	22	38	40	44	47	39.6
	Minimum..	16	8	8	31	30	35	32	33	37	31	25	33	19	11	16	1	6	24	12	9	21	− 2	−14	2	23	12	−11	− 4	11	16	23	15.9
Claysville /.	Maximum..	20	27	37	48	62	71	51	54	68	44	49	39	24	40	31	32	39	43	24	43	33	16	38	40	40	28	24	38	40	55	45	40.1
	Minimum..	18	4	17	26	37	39	45	34	35	38	26	28	20	13	16	7	10	17	14	15	24	2	− 4	5	23	22	− 4	11	11	12	39	19.4
Coalport /.	Maximum..	24	24	37	40	56	62	49	44	53	41	45	43	26	40	34	34	35	39	42	24	34	16	36	31	41	31	22	38	40	50	49	37.4
	Minimum..	16	10	10	15	34	35	39	37	37	35	25	24	19	12	13	13	− 1	10	18	11	11	4	− 3	13	18	24	− 8	5	14	20	32	17.5
Coatesville6.	Maximum..	34	28	37	42	52	60	62	56	46	50	42	48	43	35	39	25	33	40	42	32	33	33	31	39	40	40	31	38	41	32	47	40.4
	Minimum..	28	17	18	23	30	41	55	44	37	40	29	34	26	18	18	11	16	21	23	10	17	13	9	9	25	30	17	13	23	24	40	24.3
Columbia	Maximum..	38	32	40	43	55	58	64	56	48	52	47	52	45	37	39	31	31	43	44	28	37	37	32	35	44	42	35	41	44	40	49	42.5
	Minimum..	22	17	17	21	27	41	54	44	38	42	28	32	29	20	21	10	14	18	25	11	17	18	5	11	26	31	11	11	26	25	37	24.2
Corry	Maximum..	24	23	32	37	59	59	58	40	56	51	35	39	35	34	34	25	34	35	35	24	30	20	31	36	31	32	20	32	36	41	45	36.2
	Minimum..	16	7	− 2	31	36	45	38	33	35	30	27	32	16	11	14	− 6	7	17	7	2	11	1	15	9	21	10	− 2	14	3	21	22	15.8
Coudersport.	Maximum..	25	23	39	37	52	57	54	45	40	48	35	38	36	32	33	26	36	31	29	16	32	32	31	29	33	34	26	35	35	35	42	35.4
	Minimum..	15	11	5	22	32	36	32	22	31	30	19	30	26	6	11	− 5	5	23	5	− 1	14	3	−15	9	13	5	−12	2	12	12	29	13.8
Curwensville1-6 NW.	Maximum..	18	20	33	38	49	58	50	41	47	44	32	39	26	32	29	20	34	34	28	15	29	14	29	26	33	33	17	33	37	43	43	33.1
	Minimum..	9	8	12	31	37	44	40	31	31	26	19	25	12	6	4	− 2	7	21	5	3	13	− 5	− 5	11	19	2	−10	8	16	26	16	14.8
Derry.	Maximum..	28	27	37	45	56	74	59	48	64	64	41	50	25	40	39	26	32	41	41	33	28	29	36	37	39	39	23	36	39	52	52	41.3
	Minimum..	18	15	17	37	45	53	48	38	47	32	27	38	22	16	21	6	13	27	12	16	25	6	0	23	24	23	5	11	18	34	31	24.1
Donegal1.	Maximum..	32	23	32	40	55	69	58	46	61	45	41	47	30	37	33	27	35	38	37	32	33	18	35	38	39	37	21	38	35	51	51	38.7
	Minimum..	10	10	15	31	32	42	44	39	41	29	28	30	14	9	4	2	12	22	12	12	16	− 6	− 9	14	16	10	− 1	5	13	31	18	17.6
Donora1.	Maximum..	32	26	38	48	64	75	59	51	72	50	46	51	34	41	34	33	41	45	42	40	35	23	38	44	44	42	26	40	39	53	55	43.9
	Minimum..	15	16	25	38	41	55	51	38	50	35	32	34	20	19	16	14	19	29	19	19	23	7	6	20	26	16	7	19	21	32	25	25.4
Eagles Mere /.	Maximum..	24	24	29	33	49	52	54	35	42	41	35	34	25	26	30	18	29	34	22	32	32	24	16	26	34	33	28	29	34	35	43	32.3
	Minimum..	14	10	14	14	26	31	45	30	28	31	23	23	20	8	8	1	1	9	16	− 4	− 4	9	0	0	14	25	− 1	− 2	8	18	28	14.3
East Waterford6-3 E.	Maximum..	23	21	32	36	47	55	56	46	41	47	33	38	36	31	31	21	32	35	37	15	30	27	26	22	33	38	21	35	35	36	46	34.3
	Minimum..	18	10	15	27	34	45	45	34	33	33	25	27	16	12	15	4	10	22	14	4	10	5	3	14	17	17	4	14	23	28	28	19.4
Ebensburg /.	Maximum..	16	28	37	49	50	62	49	40	51	36	41	35	21	36	30	27	34	36	19	26	30	16	31	29	37	24	23	34	37	48	41	34.6
	Minimum..	14	8	11	29	35	43	47	37	32	33	22	29	18	10	21	2	9	22	18	9	16	2	3	15	20	20	− 2	5	18	22	31	19.0
Emporium /-1 E.	Maximum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	39	....	19	22	34	20	32	31	37	30	23	38	40	§§
	Minimum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0	....	13	9	9	4	−27	−15	2	15	−21	− 4	− 4	16	33	§§
Ephrata	Maximum..	35	30	39	40	54	58	63	56	46	50	43	48	43	34	39	27	36	39	43	25	34	34	30	37	39	41	34	41	41	41	45	40.8
	Minimum..	26	18	18	23	34	46	55	43	38	42	28	34	28	19	22	12	15	23	24	11	17	17	8	12	26	34	16	12	26	27	38	25.5
Erie1.	Maximum..	22	27	38	45	61	64	56	38	62	36	40	38	28	40	37	28	33	38	27	29	32	16	35	39	36	34	22	34	40	50	50	37.9
	Minimum..	17	18	23	37	45	52	36	35	36	32	31	27	19	18	16	14	21	27	9	8	14	7	9	30	24	13	11	20	22	34	21	24.4
Everett1-0.5 SW.	Maximum..	29	29	39	43	49	63	54	47	54	52	39	45	40	34	36	28	38	45	33	21	36	26	32	30	45	43	26	42	40	38	48	39.5
	Minimum..	17	12	17	26	29	36	35	40	38	36	28	32	20	15	15	7	10	28	18	17	17	− 5	−13	− 4	16	17	8	9	22	28	28	19.3
Farrell.	Maximum..	24	25	34	41	62	68	65	44	59	57	38	46	40	41	40	29	39	43	42	32	32	25	36	37	37	30	21	36	41	49	46	40.6
	Minimum..	15	15	22	33	42	48	37	36	42	35	31	29	19	16	17	10	12	28	14	13	17	− 1	− 3	24	26	6	1	12	12	30	23	21.3
Ford City /-4 S.	Maximum..	23	27	37	45	67	70	51	48	62	43	56	40	26	39	38	29	38	42	23	30	29	11	35	41	40	35	7	36	39	52	46	38.9
	Minimum..	19	14	17	22	33	32	40	35	35	37	28	29	21	11	12	5	6	10	17	11	21	2	−17	−16	15	26	− 7	− 7	6	13	34	16.3
Franklin /.	Maximum..	23	27	37	40	59	64	51	44	57	39	38	39	26	38	30	29	39	39	19	28	33	18	35	37	32	26	22	35	41	48	44	36.7
	Minimum..	18	13	11	24	33	34	34	35	36	36	29	29	23	15	16	6	6	11	14	14	15	2	− 4	2	21	24	− 1	3	9	15	35	18.0
Fredericksville-1 S.	Maximum..	35	27	36	40	50	59	60	56	45	49	43	45	40	32	26	26	34	36	34	22	32	33	28	37	37	33	32	37	39	40	45	38.8
	Minimum..	22	15	10	17	28	45	55	37	34	40	24	31	24	15	17	7	11	16	19	4	14	13	− 2	4	25	25	10	3	28	22	22	20.3
Freeland.	Maximum..	28	24	32	37	49	54	55	41	36	43	36	36	36	27	30	22	42	44	34	14	30	28	27	26	29	32	17	31	31	35	43	33.8
	Minimum..	16	10	13	24	32	42	46	31	30	35	23	26	18	12	11	4	9	20	10	− 2	9	5	2	11	18	21	2	11	20	20	30	18.0
George School6.	Maximum..	35	32	38	41	54	64	64	56	48	52	42	50	43	35	39	28	37	39	38	22	34	31	32	38	40	42	31	37	43	45	52	41.4
	Minimum..	26	17	16	21	29	42	55	41	36	38	26	33	27	19	20	11	17	19	22	7	24	12	4	6	27	19	17	11	24	25	36	28.5
Gettysburg.	Maximum..	37	28	34	40	50	62	62	57	55	54	47	47	45	37	39	34	36	45	44	28	35	35	29	28	39	44	35	36	44	39	51	41.8
	Minimum..	25	18	16	23	27	45	57	45	39	42	28	33	28	20	24	12	14	25	28	14	16	17	5	9	23	35	16	14	28	28	35	25.5
Gordon.	Maximum..	32	27	34	38	49	59	59	50	40	51	42	39	39	31	35	25	34	35	32	20	32	20	29	31	35	39	24	38	37	39	42	36.7
	Minimum..	23	15	7	21	29	45	46	34	33	38	25	31	23	17	17	5	7	13	18	5	13	10	− 5	5	22	26	4	1	21	21	35	19.5
Greensburg-2 S.	Maximum..	29	25	36	45	62	73	66	49	69	60	45	50	40	40	35	31	40	43	43	37	35	28	39	42	38	42	29	40	38	50	53	43.6
	Minimum..	18	14	14	34	30	49	43	36	45	39	25	39	22	11	22	10	8	23	18	16	27	6	− 2	28	27	18	− 1	6	12	25	32	22.4
Hanover /.	Maximum..	31	33	37	49	59	64	64	48	52	53	38	47	29	39	39	29	39	45	36	31	37	22	33	33	41	45	28	39	47	46	49	41.4
	Minimum..	26	16	18	26	32	33	55	47	39	39	30	33	26	19	20	13	13	16	28	14	17	22	8	10	18	33	16	17	18	28	35	24.7
Harrisburg Arpt. 1-3.5 S	Maximum..	31	30	36	40	52	65	62	50	44	52	39	49	44	36	39	28	39	44	45	18	36	30	31	31	39	43	28	40	43	40	53	40.5
	Minimum..	21	17	17	24	30	46	50	41	38	37	31	33	23	19	18	13	15	28	18	11	18	12	7	12	24	22	16	15	30	31	32	24.2
Hawley-0.5 E.	Maximum..	34	27	36	40	55	53	55	47	37	45	40	40	39	28	35	23	33	34	36	14	33	34	32	32	37	36	25	36	35	31	46	36.4
	Minimum..	21	10	0	15	23	43	39	43	31	36	26	31	23	12	18	6	8	15	10	0	11	15	− 3	− 1	25	24	4	8	23	13	28	17.8
Hewitt-2 SW.	Maximum..	30	30	38	45	59	72	65	45	55	56	49	47	42	40	40	31	41	47	45	39	38	39	33	30	40	48	50	42	43	40	50	44.2
	Minimum..	20	15	10	30	25	40	36	40	48	41	25	33	25	10	16	6	9	30	23	19	16	10	−15	6	14	13	10	0	8	30	24	§19.7
Holtwood1.	Maximum..	33	30	38	45	48	55	61	50	43	51	39	50	46	39	41	27	32	43	42	23	37	32	34	37	39	41	28	41	42	41	51	40.6
	Minimum..	24	21	21	27	31	45	45	40	37	39	33	36	27	23	19	15	19	22	21	14	22	14	10	13	29	28	19	16	26	31	36	25.9
Huntingdon	Maximum	29	27	36	39	54	62	50	46	53	53	37	42	41	41	35	28	39	43	44	25	36	29	34	29	38	46	26	42	42	39	51	39.9
	Minimum..	19	16	11	31	31	39	36	37	48	35	23	33	21	17	16	6	7	29	22	12	19	5	−12	− 1	15	18	7	3	25	25	27	19.8

Continued on page 7.

Daily Temperatures for January 1946 – Continued from page 6.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	26	24	34	42	58	70	65	48	57	48	39	48	39	36	35	28	34	40	39	26	33	11	34	35	35	39	20	36	36	32	5	34.3
	Minimum	16	11	15	23	38	52	47	35	41	36	27	35	19	12	20	7	14	25	14	12	22	− 2	− 1	17	23	17	− 1	11	19	31	29	21.4
Irwin	Maximum	28	24	39	45	62	68	65	51	68	68	44	48	40	38	38	32	38	43	43	39	38	28	39	39	39	31	25	39	39	48	51	43.0
	Minimum	19	15	16	34	40	51	50	36	44	38	28	38	21	14	26	7	12	27	17	15	27	4	− 4	15	24	18	1	13	18	30	1	23.4
Jamestown/-2 NW	Maximum	22	30	36	44	62	66	50	45	63	39	40	39	25	40	27	30	38	43	24	34	32	20	36	39	39	27	25	38	40	50	39	38.1
	Minimum	17	12	15	20	34	41	40	34	34	35	28	27	20	12	17	8	10	13	14	10	15	0	− 2	8	23	22	− 7	3	7	11	44	17.9
Johnstown/	Maximum	23	27	39	45	59	64	52	51	58	42	47	41	26	43	34	30	41	44	26	26	36	18	39	33	44	32	21	40	41	51	52	39.6
	Minimum	20	16	17	22	34	35	43	45	44	39	30	32	22	18	21	10	13	15	20	16	21	8	− 7	− 3	15	25	8	8	25	27	38	21.9
Kane[1]-1 N	Maximum	22	22	36	37	57	58	48	40	48	44	35	39	26	31	30	23	34	34	27	18	30	15	30	30	31	32	19	32	36	46	46	34
	Minimum	11	2	10	32	31	32	31	32	34	28	22	26	14	10	− 4	− 8	2	26	0	1	14	−14	−14	8	20	−12	−18	4	5	27	12	11.6
Lancaster	Maximum	37	31	43	43	53	60	67	60	49	52	46	50	46	36	40	34	37	42	43	32	35	32	31	32	41	42	36	42	43	41	48	42.7
	Minimum	22	14	14	19	25	34	48	45	37	41	25	32	27	17	18	9	14	16	23	11	15	16	4	7	24	30	15	10	21	32	34	22.2
Lawrenceville	Maximum	28	30	40	40	56	60	52	44	42	50	37	41	39	33	34	26	38	36	28	20	34	32	33	31	37	36	25	36	40	37	49	37.5
	Minimum	18	15	10	25	32	45	37	33	31	35	25	32	21	13	12	6	12	26	9	1	11	8	−11	9	18	14	8	10	19	15	33	17.9
Lebanon	Maximum	29	29	39	39	52	61	60	48	50	48	38	48	33	36	38	29	37	43	29	26	36	20	32	35	39	39	25	41	41	39	48	38.9
	Minimum	24	16	18	23	28	32	51	42	37	37	28	28	28	17	19	11	12	16	24	9	10	18	2	5	12	32	13	11	12	27	35	21.8
Lewistown-2 SW	Maximum	34	29	35	39	52	62	57	49	44	54	40	43	14	40	37	29	37	41	45	24	37	37	34	30	38	45	26	42	41	40	48	40.4
	Minimum	22	18	15	30	31	42	36	40	35	39	28	33	25	18	20	10	13	25	22	11	16	11	− 4	4	22	25	12	10	30	31	34	22.7
Lock Haven[6]	Maximum	31	29	31	35	45	61	52	45	43	51	39	42	41	38	35	25	36	35	39	21	32	35	25	32	35	40	25	40	39	39	49	37.6
	Minimum	22	17	15	30	28	40	40	36	34	38	25	33	24	16	20	7	10	25	19	8	9	8	− 5	1	20	24	4	5	27	21	34	20.6
Marcus Hook[1]	Maximum	50	37	50	47	62	75	75	71	56	62	44	52	49	37	44	27	45	55	48	30	42	48	39	48	45	59	40	50	54	49	60	49.0
	Minimum	25	22	37	31	37	50	57	44	40	41	34	37	28	21	19	16	23	30	16	14	31	15	11	20	33	28	30	24	33	34	38	29.8
Martinsburg[1]	Maximum	26	24	33	40	52	60	55	46	50	52	36	43	34	37	34	25	40	42	38	19	34	26	29	27	42	40	21	37	37	36	47	35.5
	Minimum	14	12	17	31	35	48	43	37	37	32	32	31	17	14	11	7	12	26	14	12	15	− 1	− 6	10	14	13	5	10	21	32	23	19.9
Mauch Chunk-1 SW	Maximum	32	25	32	40	44	45	53	53	55	47	42	43	41	31	37	24	31	34	37	19	33	33	24	31	34	37	30	34	35	35	40	36.5
	Minimum	22	15	7	14	27	36	42	35	33	37	32	32	26	14	15	10	8	15	18	4	13	14	− 2	− 1	23	23	5	2	18	18	33	19.0
Meadville-1 S	Maximum	23	29	35	43	58	64	50	44	59	35	41	38	24	36	20	26	36	38	18	28	30	28	32	36	35	23	21	34	40	41	47	35.5
	Minimum	17	11	14	20	34	41	38	34	34	34	28	28	20	11	15	1	6	7	11	9	14	− 1	− 8	6	22	22	− 3	− 1	6	6	34	16.5
Mercer[1]-2.5 NE	Maximum	21	25	33	40	56	63	50	41	58	43	38	44	24	38	32	27	35	40	30	28	30	14	29	36	35	34	19	32	37	47	47	36.3
	Minimum	12	10	18	33	39	48	34	33	39	29	26	23	15	13	12	6	11	24	10	10	14	− 1	− 3	21	22	1	− 3	7	12	31	18	18.2
Middletown[1]-1.5 W	Maximum	31	30	35	39	50	63	63	49	44	51	40	48	43	37	39	26	36	40	44	18	35	30	30	32	39	42	27	40	42	38	51	39.7
	Minimum	21	18	18	24	27	50	47	43	38	36	29	33	22	20	17	11	14	26	16	12	18	13	8	10	25	33	14	14	27	30	32	24.1
Midland[6]	Maximum	34	27	39	43	59	67	52	44	65	50	42	50	32	40	34	29	39	43	41	37	34	20	32	40	39	38	21	36	39	41	48	40.8
	Minimum	18	20	25	36	34	44	40	35	42	33	30	30	19	18	16	15	13	28	17	16	19	4	− 1	18	25	12	2	14	17	30	25	22.4
Montrose/-3 E	Maximum	20	20	35	40	49	53	51	34	44	38	34	36	22	27	30	18	30	32	10	24	32	16	21	27	33	28	20	30	29	38	45	31.2
	Minimum	15	6	9	11	26	46	47	31	28	30	23	23	21	9	9	1	1	9	7	− 5	− 5	11	− 1	0	14	24	− 2	− 1	9	18	25	14.2
Mt. Pocono[1]-2 N	Maximum	27	23	31	37	49	54	54	50	41	44	36	36	18	24	10	22	32	28	33	14	32	29	28	28	33	33	22	31	31	35	42	32.5
	Minimum	12	10	2	22	32	42	43	30	29	29	24	27	14	10	5	3	4	20	− 1	− 5	8	− 1	− 4	8	24	6	− 2	11	15	20	24	14.9
New Bloomfield	Maximum	32	28	35	39	48	60	59	50	41	51	39	47	42	36	37	27	37	41	43	23	38	36	29	29	40	43	30	38	41	35	52	39.5
	Minimum	22	13	9	18	27	42	47	36	36	38	24	30	24	13	19	6	6	19	11	9	14	10	− 7	0	15	27	5	2	20	20	33	19.0
Newburg[1]-3.5 NW	Maximum	30	29	37	41	47	56	62	48	42	54	38	46	40	36	37	27	40	43	42	20	40	30	30	31	39	45	26	36	43	38	52	39.5
	Minimum	17	13	16	22	27	40	44	40	38	38	28	32	22	14	18	9	10	30	19	12	16	11	2	8	23	22	12	10	26	32	30	22.0
New Castle-1.5 N	Maximum	27	29	35	42	60	68	68	49	65	58	39	47	40	41	37	29	40	44	41	31	34	25	32	39	34	38	24	38	42	45	50	41.6
	Minimum	17	13	22	35	41	50	42	35	40	34	28	35	22	14	21	8	11	26	17	14	24	0	− 4	15	25	16	0	8	12	26	28	21.8
Palmerton[1]	Maximum	31	27	34	38	47	58	58	50	40	50	39	45	41	31	38	25	32	39	41	16	34	34	26	34	36	39	25	36	38	38	44	37.5
	Minimum	22	18	12	22	32	47	50	37	35	36	27	31	23	19	18	10	12	18	11	4	15	11	0	3	24	16	9	7	23	23	30	20.8
Park Place[1]-1 NW	Maximum	23	22	31	35	46	55	55	45	42	45	34	36	36	27	31	20	31	33	36	16	31	23	24	25	30	34	19	32	31	34	41	33.0
	Minimum	13	9	12	25	31	44	44	30	30	28	23	26	15	9	4	3	8	21	1	− 3	15	4	0	10	18	8	9	9	20	24	22	16.3
Phila. Arpt.[1]-7 SW	Maximum	34	30	39	41	52	65	62	56	50	52	41	51	46	35	40	25	35	40	40	27	34	33	30	38	40	44	30	38	43	46	53	41.6
	Minimum	24	19	22	25	29	50	55	43	39	38	30	35	26	20	16	14	22	23	16	11	27	13	10	14	29	26	18	17	26	30	35	25.9
Philadelphia C.O.[1]	Maximum	34	30	38	41	53	65	64	57	51	54	42	50	46	34	41	26	39	40	41	26	35	34	30	39	40	44	31	37	44	46	54	42.0
	Minimum	24	21	26	31	36	53	57	44	40	40	36	36	26	23	18	15	23	30	16	11	26	18	16	21	30	25	19	20	30	34	36	28.4
Phila. Shawmont	Maximum	38	28	37	40	63	68	64	59	48	52	46	45	47	35	40	32	34	40	42	23	35	34	33	39	40	42	40	38	40	45	53	42.4
	Minimum	26	20	18	22	30	30	56	45	40	45	26	28	31	22	23	13	20	19	23	10	20	19	9	10	30	23	13	15	23	25	39	24.9
Philipsburg[1]-7 E	Maximum	19	19	33	37	48	55	55	44	51	46	31	40	30	36	32	20	34	35	34	14	31	18	24	24	38	35	17	34	36	38	46	34.0
	Minimum	10	5	8	30	36	47	40	32	32	29	21	29	14	9	5	− 3	11	23	7	4	14	0	−17	12	22	7	− 2	12	20	29	20	16.3
Phoenixville-1.5 SE	Maximum	46	38	47	44	58	64	64	56	46	52	46	50	45	37	40	42	45	47	42	25	34	38	34	39	42	42	35	41	44	44	51	44.3
	Minimum	25	18	13	15	26	38	56	44	38	43	22	34	30	16	18	9	13	13	22	10	19	18	− 8	3	26	32	17	8	23	21	38	22.6
Pittsburgh Arpt.[1]-7.5 SE	Maximum	25	26	36	45	61	70	59	47	69	47	44	49	29	39	35	29	38	43	40	37	34	19	36	39	39	39	22	37	37	54	54	41.2
	Minimum	14	16	22	34	43	54	45	34	47	32	30	29	17	15	14	10	20	27	14	14	19	1	4	24	28	12	5	14	23	36	23	23.1
Pittsburgh City Office[1]	Maximum	28	29	39	49	66	71	57	46	70	49	46	50	33	41	35	30	41	45	40	39	36	20	36	42	42	40	25	39	38	56	55	42.9
	Minimum	18	20	25	39	49	57	43	36	46	35	33	31	20	18	18	15	20	30	16	16	20	7	4	19	25	13	10	14	26	37	27	25.4
Port Clinton/	Maximum	30	35	33	38	54	58	58	47	52	45	38	45	31	32	32	29	33	32	22	30	35	22	26	35	36	39	23	37	39	39	46	37.1
	Minimum	25	17	14	20	27	30	45	38	35	35	28	30	29	18	20	8	11	14	18	7	8	14	2	3	17	25	10	6	10	24	33	20.0
Putneyville-2.5 SE	Maximum																																
	Minimum	16	9	13	32	32	42	32	34	36	30	25	32	16	10	14	2	10	23	11	9	19	− 2	−13	11	22	17	−10	1	15	25	27	17.4
Quakertown-0.5 E	Maximum	37	27	34	40	51	61	62	55	43	49	45	47	43	31	37	26	31	38	39	24	33	35	28	36	35	39	33	36	39	42	48	39.5
	Minimum	23	16	12	15	25	38	52	38	34	39	28	31	25	16	18	9	13	13	20	3	15	14	1	2	25	30	12	7	23	29	38	21.4
Reading[1]	Maximum	32	30	39	42	56	62	64	52	44	51	39	47	44	35	39	28	36	39	43	21	36	34	31	35	40	40	28	41	41	42	46	40.5
	Minimum	22	19	22	25	33	53	52	42	37	38	32	34	24	21	16	13	16	29	16	8	20	13	9	12	27	23	15	16	30	33	34	25.3
Ridgway/	Maximum	28	25	37	40	61	61	49	42	50	39	44	39	26	34	31	27	37	37	20	23	37	19	33	33	35	28	28	35	38	48	51	36.6
	Minimum	18	12	7	15	32	33	31	33	33	33	25	23	20	10	11	− 3	− 3	5	11	5	7	1	−15	−13	12	22	−14	−10	7	9	30	12.5
Scranton[1]	Maximum	31	24	36	40	56	59	58	48	45	49	39	43	40	31	35	22	34	35	36	18	33	32	28	34	38	36	24	38	35	42	49	37.7
	Minimum	19	14	13	32	31	52	48	35	35	35	31	33	21	18	12	10	14	23	5	2	18	13	6	11	25	12	8	17	23	32	32	21.6
Selinsgrove	Maximum	35	28	35	37	51	59	60	49	43	51	37	43	42	35	37	27	34	38	33	23	33	32	28	29	37	41	31	38	40	37	40	38.5
	Minimum	22	15	14	27	28	42	44	37	34	33	24	30	23	15	20	6	8	19	20	7	15	10	− 2	5	17	25	5	6	26	21	33	20.3
Somerset	Maximum	24	21	35	40	55	67	56	47	62	54	37	47	36	37	33	26	36	40	34	27	32	27	40	34	31	39	20	36	38	42	49	38.8
	Minimum	13	10	9	34	27	47	36	42	40	34	23	33	17	13	18	5	11	24	14	14	18	2	−18	1	20	18	− 2	9	14	31	29	18.9
Springs[6]-1 SW	Maximum	22	19	35	39	53	62	54	44	55	53	35	47	34	35	28	22	35	38	38	25	33	21	38	34	39	39	20	35	37	48	50	37.6
	Minimum	11	9	9	33	31	35	40	39	39	33	27	33	15	12	14	4	13	23	13	13	18	− 7	−11	5	18	14	2	− 3	19	28	25	17.9
State College[1]	Maximum	24	24	34	41	54	60	50	48	49	51	35	41	34	17	33	25	38	40	40	18	34	17	29	32	42	37	22	38	38	40	48	36.5
	Minimum	19	15	21	33	37	50	48	38	36	32	28	32	16	14	12	6	13	29	16	7	9	8	− 1	14	21	11	− 1	14	24	33	21	21.2
Stroudsburg-2 E	Maximum	38	31	37	40	50	53	59	51	45	53	50	45	42	32	39	30	35	37	36	20	33	33	31	35	40	39	35	38	41	36	43	39.6
	Minimum	24	15	8	16	26	40	41	34	33	39	25	32	29	16	20	9	10	15	16	4	15	19	− 2	2	25	28	9	8	23	21	31	20.3
Tamarack/-2 S	Maximum	23	23	35	38	49	53	47	36	44	39	35	35	24	38	27	20	37	33	19	20	28	17	27	24	34	29	26	34	36	42	43	32.6
	Minimum	14	9	11	15	31	37	46	31	29	32	20	20	24	12	12	3	9	23	10	− 2	0	1	− 3	− 1	11	21	12	10	18	18	27	16.1
Tionesta/-1.5 SE	Maximum	22	24	35	39	58	63	45	43	54	37	44	38	23	35	27	26	36	38	18	25	31	17	32	35	36	16	22	35	48	48	44	35.3
	Minimum	17	11	10	19	33	33	32	34	35	34	25	26	16	11	13	− 5	− 5	2	10	7	16	0	−12	− 9	13	15	− 9	− 5	6	17	31	13.6
Titusville-2 S	Maximum	24	25	31	36	56	59	57	49	52	50	34	41	35	32	32	25	34	34	34	22	28	22	30	35	35	32	19	33	39	38	45	36.1
	Minimum	15	9	11	31	36	47	43	32	37	30	26	32	16	9	14	− 2	8	24	7	6	20	− 2	− 3	19	20	11	− 1	18	9	26	26	18.2
Towanda-1 E	Maximum	29	29	38	42	56	58	58	47	47	51	38	43	41	31	35	25	38	35	39	20	35	33	32	33	37	39	26	35	37	39	51	38.6
	Minimum	19	13	10	27	27	51	39	31	30	36	25	32	23	16	11	6	11	21	8	− 1	17	11	− 6	7	23	11	2	15	23	21	35	19.2
Tunkhannock	Maximum	33	26	37	41	53	57	61	49	43	52	40	45	42	31	36	24	36	35	39	18	34	33	29	32	38	39	27	37	36	38	50	38.4
	Minimum	21	14	8	25	33	48	46	33	30	38	26	30	23	16	15	7	10	12	11	− 1	14	13	− 2	11	22	21	1	8	22	15	36	19.5

Continued on page 8.

Daily Temperatures for January 1946—Continued from page 7.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum..	29	28	37	47	64	74	65	52	72	63	45	51	40	41	35	35	41	45	43	40	34	29	43	45	39	43	28	41	48	53	54	45.1
	Minimum..	20	13	18	36	36	54	50	40	50	40	30	40	23	17	22	12	21	28	20	20	26	9	5	22	25	23	7	17	19	41	33	26.4
Vandergrift[1]	Maximum..	29	28	38	44	65	71	54	49	67	52	44	49	38	42	35	31	41	44	42	33	33	23	39	43	42	42	23	39	40	51	54	12.7
	Minimum.	18	18	19	37	36	52	43	36	44	34	29	37	20	14	14	8	14	29	15	15	23	− 2	− 8	8	26	12	− 3	9	17	32	24	21.6
Warren	Maximum..	24	28	39	40	61	60	49	42	52	49	37	36	39	41	35	29	38	36	36	22	32	21	34	37	31	34	34	36	40	42	48	38.1
	Minimum..	17	12	10	33	37	41	35	34	36	31	28	27	12	13	11 −	1	9	25	7	4	20	2	− 4	18	22	7	− 10	12	12	21	19	17.4
Waynesburg	Maximum..	28	27	37	46	64	72	67	49	70	60	41	50	39	40	36	35	39	45	42	46	39	26	39	41	35	41	25	40	40	52	55	14.1
	Minimum..	16	16	21	35	36	51	49	37	42	37	27	37	21	17	21	9	17	25	17	17	26	5	1	17	23	23	5	14	16	29	30	23.8
Wellsboro/	Maximum..	24	28	38	38	51	54	46	36	48	45	36	38	26	33	32	21	38	37	18	22	34	18	31	30	35	31	22	35	39	41	48	34.7
	Minimum..	18	15	8	19	33	33	34	34	31	35	23	22	22	10	13	6	5	11	10	0	2	9	− 13	− 13	13	26	− 8	− 8	15	15	31	14.5
West Chester	Maximum..	33	30	37	43	53	61	62	57	46	51	42	48	41	35	38	26	35	40	40	24	33	32	32	42	40	42	33	38	42	42	49	40.9
	Minimum..	25	17	18	25	32	44	57	45	37	42	28	33	28	19	24	12	18	23	24	9	18	15	8	15	26	33	16	14	25	29	40	25.8
Wilkes-Barre[1]. Apt. 3N.	Maximum..	31	29	37	40	55	59	54	45	45	51	38	44	41	32	36	27	34	35	36	22	34	32	29	32	37	39	24	38	39	39	49	38.2
	Minimum..	21	15	15	30	26	50	45	34	35	36	27	33	22	18	12	10	11	27	13	3	21	7	3	11	25	13	6	13	24	25	30	21.3
Williamsport Arpt.[1]-4 E	Maximum..	29	28	34	36	49	59	47	45	44	48	37	42	40	34	30	26	32	41	40	17	32	26	23	27	38	40	23	36	38	36	47	36.3
	Minimum..	22	18	13	30	32	44	42	36	35	37	28	33	22	18	12	9	12	29	9	6	17	− 1	− 7	7	21	16	2	4	28	25	27	20.2
Williamstown	Maximum..	32	27	36	39	54	58	60	54	44	51	44	44	41	35	36	27	35	35	42	22	31	34	32	31	36	41	30	40	38	37	49	39.2
	Minimum..	23	15	11	20	29	46	48	39	35	40	29	31	24	16	20	9	6	15	21	7	13	10	− 3	6	22	29	8	4	25	22	35	21.1
Woodward Apt[1]-2 NE.	Maximum..	19	19	27	36	50	54	54	45	13	45	31	35	34	30	28	19	32	34	34	13	28	28	25	24	36	34	16	33	31	38	44	32.9
	Minimum..	10	9	14	27	34	45	43	29	29	27	23	26	12	8	6	2	9	21	4	− 1	8	0	1	13	17	8	2	9	20	25	19	16.1
York-3 SW	Maximum..	36	31	40	46	60	64	64	59	48	52	46	50	44	40	40	34	39	45	44	31	37	31	31	36	39	44	36	41	45	39	51	43.3
	Minimum..	26	14	16	22	29	43	58	46	39	43	38	34	26	17	21	11	12	17	27	12	17	12	2	8	24	33	16	10	21	27	37	24.5

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.52	29	29.41	26	10.7	29	sw.	31	83	74	78	32	1066
Harrisburg	30.56	16	29.50	31	8.6	40	nw.	19	72	59	67	38	1011
Philadelphia	30.56	16	29.47	31	7.6	23	sw.	31	76	58	68	43	926
Philipsburg	30.49	29	29.50	25	14.1	38[s]	sw.	31	85	70	75	.....	1236
Pittsburgh	30.52	29	29.54	25	12.2	38	w.	31	79	64	69	39	1016
Reading	30.58	16	29.51	31	11.7	50	nw.	19	71	59	58‡	37	993
Scranton	30.60	16	29.44	31	7.6	27	nw.	19	83	73†	.....	40	1095

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [s] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.1	7.1	8	2.8	28	18
Easton	Delaware	5.0	12.0	8	2.6	29	22
Lehighton	Lehigh	4.0	7.8	8	2.6	20	9
Reading	Schuylkill	5.8	8.6	8	4.0	28	13
Wilkes-Barre	N. Br. Susquehanna	6.5	15.8	8	3.4	24	22
Williamsport	W. Br. Susquehanna	4.6	10.8	8	1.9	30	20
Newport	Juniata	6.7	11.4	2	4.2	24	22
Harrisburg	Susquehanna	5.6	10.0	9	4.1	23	17
Schenley,(nr) Lock No. 5.	Allegheny	15.6	24.0	8	12.6	25	24
Sutersville	Youghiogheny	5.6	12.2	8	3.6	31	20
Charleroi(nr.), Lock No. 4	Monongahela	14.3	21.4	8	11.3	28	[illegible]
Pittsburgh	Ohio	•	21.4	8	•	.....	25
Midland, Dam No. 7	Ohio	•	25.4	9	•	.....	30

* Pool stage. † On other days also.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras			1																												
Fog, heavy			1	12	6	5	21	16	10	6	3	9	2					1			6		2	3	2					14	19
Frost, killing																															
Glaze		1	2				2	6	1	6	4			3			1			16			1	2						6	
Hail									1																						
Rain, heavy																															
Sleet									1		15	13							6	23	2			1						12	
Snow, heavy																															
Thunderstorms									8																						
Winds, high	8	3			5	7			8	13			9	19	5	7			4	14	31	7	5	11	3		18	13		13	5	31

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Neffs Mill formerly Shaver Creek (Evaporation)

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

(W. B. O., Philadelphia—4-2-46—975)

51.05
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER
HARRISBURG, PA.

VOL. LI. FEBRUARY 1946. No. 2.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
REMIT DIRECTLY TO SUPERINTENDENT OF DOCUMENTS WASHINGTON, 25 D. C.

GENERAL SUMMARY.

February was close to being as typical a Pennsylvania winter month as one will find in the records — since there is no "normal" weather. This statement is made since our normal weather is nothing more than the average of a series of weather records, none of which exactly fits the specifications of all elements of temperature, precipitation, wind, cloudiness, etc. The month was just a little warmer than most records show; precipitation was only slightly deficient, and the snowfall was about that to be expected.

Another meteorological winter was closed with the February records. Reviewing, December was severe, January mild, and as stated above, February was nearly normal. The temperature averaged 28.0°, or 1.4° deficient; precipitation was 6.42 inches, or about a month's total short of average, while the snowfall was less than an inch under the three month average of 29 inches.

Being typical, February had its full share of wind, rain, ice, cold, and snow. On the 2d an isolated snowfall blanketed York County, without producing enough to cover the ground along the county line.

High pressure over the northeastern states, and warm, moist, tropical air overrunning it, caused rain on the 5th and 6th, which froze as it fell, producing hazardous ice conditions over a large portion of the State. Numerous accidents were reported on these dates.

St. Valentine's Day offered a great variety of weather. Beginning in the early morning, strong southwesterly winds, reaching gale velocities in gusts, toppled trees, broke window glass, unroofed barns, and smashed silos. Riding in on the southerly winds, the temperature crowded the sixty degree mark, only to be plummeted to low readings near zero in the next 24 hours, as cold Arctic air was carried southward by equally strong northwest winds. Heavy showers gave way to snow, four inches deep in some sections. Many western stations reported the highest and lowest temperatures of the month on these two dates, a fall of more than 50° in less than twenty-four hours.

One of the heaviest snowfalls of the winter struck suddenly on the 19th. The eleven-inch fall at Harrisburg was the heaviest February fall since 1921. Western and extreme southeastern sections did not receive the full brunt of the storm, and in the latter area, the precipitation was mostly in the form of rain, or at least snow melting as it fell. Twelve to eighteen inch falls were reported from the mountainous areas. Unfortunately, the two following days were windy. Drifting occurred, and in many sections, roads were blocked. However, a return to warmer weather and rain caused bare ground to be showing over most of the State by the close of the month.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 86 stations was 29.3°, which is 0.9° above the 59-year normal for February. The highest monthly mean was 40.2° at Marcus Hook, and the lowest was 22.2° at Eagles Mere. Extremes ranged from a maximum of 75° at Marcus Hook on the 27th, to a minimum of −14° at Emporium on the 4th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 215 stations, was 2.33 inches, which is 0.47 inch below the 59-year normal for February. The greatest monthly amount was 3.71 inches at Mt. Pocono, while the least was 0.85 inch at Lawrenceville. The greatest amount recorded in any 24 consecutive hours was 1.88 inches at Mt. Pocono on the 19-20th.

The average snowfall for the State was 9.7 inches, which is 0.9 inch below the 59-year normal. The greatest monthly snowfall was 23.2 inches at Lakeville. The greatest fall for any observational day was 20.0 inches at Lakeville on the 19-20th.

ERRATA

July, 1945.—Page 51, State College, precipitation on 15th should be 0.21 inch.

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	28.4	63	−31	2.50	7.2	9	7	11	11
1889	23.0	60	−27	1.96	8.7	9	7	9	12
1890	37.0	79	0	4.32	5.6	11	6	8	14
1891	34.8	70	−7	4.61	5.6	12	6	8	14
1892	31.6	62	−18	1.75	6.3	9	7	7	15
1893	27.3	60	−16	5.92	26.4	14	6	8	14
1894	27.6	64	−24	3.53	22.7	11	8	9	11
1895	20.2	60	−26	1.22	13.2	6	10	10	8
1896	29.4	65	−21	4.90	10.5	11	9	7	13
1897	30.6	67	−14	3.28	10.3	9	7	8	13
1898	29.4	72	−16	2.23	6.1	9	8	8	12
1899	22.7	67	−39	4.05	23.6	12	8	7	13
1900	27.1	81	−17	4.22	7.0	11	8	6	14
1901	21.7	57	−22	0.96	7.9	8	10	9	9
1902	23.9	64	−24	3.99	14.3	10	9	7	12
1903	30.5	68	−17	4.49	10.8	10	10	7	11
1904	21.8	68	−27	2.41	6.8	11	10	7	12
1905	20.8	59	−25	1.70	9.7	8	10	8	10
1906	28.0	79	−21	1.70	6.8	7	12	7	9
1907	22.8	56	−20	1.91	15.2	8	12	7	9
1908	24.8	64	−29	4.65	23.6	11	10	7	12
1909	35.8	73	−9	4.84	4.0	14	6	7	15
1910	26.6	65	−22	3.59	15.0	11	9	7	12
1911	31.0	66	−8	2.27	11.1	10	7	6	15
1912	23.7	69	−27	2.20	6.5	8	11	8	10
1913	27.4	67	−9	1.84	5.7	9	12	5	11
1914	21.8	65	−27	2.78	23.5	10	11	6	11
1915	33.3	73	−9	3.90	2.0	9	9	5	14
1916	25.7	67	−22	3.08	14.3	12	8	7	14
1917	25.6	68	−29	1.46	8.0	10	9	9	10
1918	28.2	69	−34	2.46	2.9	9	10	8	10
1919	32.0	66	−7	2.23	4.7	11	12	6	10
1920	25.6	62	−20	2.44	18.3	11	9	8	12
1921	32.8	76	−15	2.59	15.4	10	8	8	12
1922	33.0	74	−19	1.99	7.7	10	9	9	10
1923	24.6	58	−20	2.16	11.7	12	8	8	12
1924	26.9	70	−25	2.94	16.3	10	11	7	11
1925	35.6	71	−11	2.16	2.1	8	11	7	10
1926	28.7	65	−13	4.06	23.3	12	7	6	15
1927	35.0	69	−8	3.48	16.5	13	7	8	13
1928	30.3	65	−11	3.42	6.7	11	10	7	12
1929	28.0	69	−20	2.87	11.7	9	10	8	10
1930	35.1	80	−18	2.69	3.9	11	9	6	13
1931	31.9	66	−16	1.98	5.2	9	11	5	12
1932	35.3	83	−8	1.64	2.9	10	10	8	11
1933	31.3	68	−15	2.30	9.4	10	12	7	9
1934	18.1	59	−34	1.31	14.4	7	13	7	8
1935	28.9	66	−26	2.67	14.4	12	8	7	13
1936	21.5	69	−27	2.33	12.3	9	11	7	11
1937	31.4	77	−12	2.32	6.5	10	9	8	11
1938	34.1	74	- 4	2.85	3.9	12	8	6	14
1939	33.7	74	−10	4.45	6.2	13	10	6	12
1940	29.4	63	−19	3.16	19.3	13	9	5	15
1941	26.5	62	−14	1.04	7.6	8	10	7	11
1942	25.9	58	−21	2.62	9.4	10	10	6	12
1943	29.9	75	−27	1.71	7.8	12	9	8	11
1944	29.4	67	−18	2.00	9.4	11	8	7	14
1945	29.1	71	−14	2.66	8.5	12	6	8	14
1946	29.3	75	−14	2.33	9.7	11	9	7	12
Period	28.4	83	−39	2.80	10.6	10	9	7	12

Climatological Data for February 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	28.6	−1.2	64	14	4	22	1.96	−1.34	0.92	19-20	9.7	9	8	9	11	nw.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	29.8	+2.2	57	14	4	4	2.66	+0.31	1.05	27	14.7	13	11	11	6	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	30.9§	.....	63	27	5	4	1.76§	.....	0.86	19	11.0	9	15	2	11	w.	Penna. Turnpike Comm.
Canton-1 NW	Bradford	1,450	6	22.7	.....	52	13†	−1	4	2.14	.....	0.59	26	8.0	9	8	11	9	sw.	Mrs. E. Dillon Stone.
Carlisle	Cumberland	473	77	33.2	−2.8	62	14	8	22	2.13	−0.76	1.18	19	13.0	10	18	1	9	nw.	Clarence E. Miller.
Chambersburg-1 SW.	Franklin	600	50	31.4	−0.4	59	14	11	22	2.26	−0.38	1.08	19	11.5	9	14	6	8	n.	Charles A. Bender.
Coatesville	Chester	431	58	32.2	+1.6	71	27	11	4	2.16	−1.46	1.20	19	8.5	6	12	2	14	sw.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	3	24.0	.....	55	14	0	4	3.21	.....	0.97	26-27	14.2	15	1	12	15	nw.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	22.2	.....	50	14	−2	4	2.53	−1.19	0.58	27	10.3	8	7	9	12	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	27.0	.....	52	27	6	4†	2.33	+0.25	1.09	19-20	15.4	11	9	7	12	nw.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	59	26.2	+0.6	60	13	−14	4	2.55	−0.28	1.20	26	5.8	8	9	3	16	n.	R. E. Palmateer.
Ephrata	Lancaster	365	48	33.2	+2.6	65	14	11	4	2.22	−0.65	1.03	19-20	7.5	10	8	10	10	n.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	30.5	+2.9	54	26	7	22	2.12	−0.09	0.98	19-20	12.0	7	9	12	7	w.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	24.5	−0.1	53	13	0	4	1.73	−1.25	0.79	19-20	12.5	10	9	1	18	w.	Andrew B. Evansha.
George School	Bucks	184	39	32.1	+0.7	65	14	9	4†	2.22	−0.59	1.52	19-20	7.2	7	8	13	7	nw.	George M. Hart.
Gettysburg	Adams	500	72	34.4	+2.9	64	14†	9	16	2.22	−0.46	1.30	19-20	13.0	9	13	5	10	w.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	28.4	+1.1	57	14†	−5	22	2.17	−0.92	0.75	19-20	12.1	10	15	3	10	nw.	Miss Sallie M. Johnson.
Hanover	York	600	41	33.8	+0.7	70	27	14	4	2.20	−0.40	1.03	19-20	9.7	9	12	6	10	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	32.0	+1.8	64	14	11	22	1.73	−1.23	0.78	19	11.4	7	9	5	14	nw.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	35	25.8	+0.2	60	14	−10	22	2.51	−0.11	1.12	19-20	18.5	12	14	6	8	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	34.0	+1.4	64	14	14	4	1.88	−0.53	1.05	19-20	8.5	9	11	6	11	nw.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	30.6	+1.2	56	14	5	4†	1.95	−0.66	0.76	19-20	8.5	8	11	4	13	nw.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	58	32.2	+1.1	65	14	3	22	2.11	−0.51	1.06	19-20	9.5	11	16	3	9	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	27.0	+2.1	55	14	−5	22	0.85	−0.87	0.25	27	10.0	8	7	8	13	n.	Carlos P. Darling.
Lebanon	Lebanon	469	61	30.2	+0.6	66	14	8	22	1.93	−1.16	1.06	19-20	11.3	7	16	4	8	sw.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	7	31.1§	.....	58	14	10	4†	1.87§	.....	*0.65*	19	8.9	8	6	7	15	w.	American Viscose Co.
Lock Haven	Clinton	557	54	29.7	+1.3	60	14	3	4	2.71	+0.17	1.12	26-27	8.0	9	13	4	11	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	40.2	+4.6	75	27	15	4	2.35	−0.17	1.15	19-20	*3.0*	7	14	6	8	nw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	28.8	.....	51	26†	7	4†	1.68	.....	0.60	27	10.6	10	4	11	13	nw.	U. S. Weather Bureau
Montrose-3 E.	Susquehanna	1,176	40	21.0	−1.6	56	14	−1	21†	3.43	+1.25	1.04	19-20	21.8	13	9	7	12	nw.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	23.1	+1.3	54	14	−1	16	3.71	+0.78	1.88	19-20	17.5	14	10	4	14	w.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	27.3	−1.8	62	14	2	22	2.02	−0.22	1.00	19-20	10.6	10	14	5	9	w.	New Jersey Zinc Co.
Philadelphia	Philadelphia	10	4	35.4	+1.5	70	27	13	4	2.06	−1.26	1.12	19-20	2.8	7	10	5	13	nw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	24.6	.....	50	14	−3	4	3.64	.....	1.21	26-27	14.4	12	4	9	15	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	34.1	+1.7	68	14	6	22	2.61	−0.38	1.42	19-20	8.5§	7	16	6	6	w.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	29.6	+0.2	59	14	3	22	2.63	−0.69	1.20	19-20	11.5	9	12	9	7	.....	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	30.0	+1.1	63	14	−1	22	2.17	−1.19	1.03	19-20	6.2	10	14	6	8	nw.	John E. Benner.
Reading	Berks	273	75	32.6	+2.1	66	14	11	4	2.26	−1.16	1.16	19-20	10.2	11	9	6	13	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	27.6	+0.3	62	14	3	22	1.97	−1.07	0.96	19-20	13.7	12	6	11	11	nw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	29.6	+1.0	58	14	1	22	2.14	−0.59	0.62	27	10.3	12	6	12	10	w.	Dr. George E. Fisher.
State College	Centre	1,217	60	29.4	+2.4	55	14	7	4	2.65	+0.08	1.05	26-27	10.2	10	8	6	14	nw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	30.0	+2.4	63	14	−1	22	2.43	−0.32	1.25	19-20	10.8	9	12	3	13	nw.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	5	23.2	.....	52	13	0	4†	2.39	.....	1.04	26-27	10.0	11	7	6	15	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	27.6	+2.3	59	14	−8	22	1.63	−0.31	0.61	27	7.2	11	8	10	10	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	24.6	+0.2	53	14	−7	22	1.60	−0.56	0.56	25-26	8.8	9	9	7	12	w.	M. S. Bliss.
West Chester	Chester	440	96	33.0	+1.7	68	27	11	4	2.46	−1.22	1.33	19-20	8.0	9	15	4	9	nw.	Clyde T. Saylor.
Wilkes-Barre Apt.-8N.	Luzerne	544	7	27.0	.....	59	14	−1	22	1.76	.....	0.62	19-20	9.6	10	7	7	14	nw.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	1	28.0	.....	56	14	1	22	2.18	.....	0.89	26-27	7.0	8	5	10	13	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	29	30.6	+0.6	60	14	4	22	1.69§	−0.31	0.60	27	7.0	7	8	16	9	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	24.3	.....	52	14	1	4	1.74	.....	0.73	26-27	9.6	10	6	7	15	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	35.0	+3.6	70	27	8	22	1.81	−0.91	1.08	19-20	9.0	11	13	4	11	w.	York Water Co.
Division mean			....	**29.3**	.....	**75**	**27**	**−14**	**4**	**2.22**	.....	**1.88**	**19-20**	**10.4**	**10**	**10**	**7**	**11**	nw.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	28.0	.....	58	14	1	15	2.43	−0.23	0.72	26-27	12.4	14	5	5	18	nw.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	28	24.2	−1.9	56	14	−11	4	3.03	+0.44	0.60	26-27	18.0	14	6	8	14	nw.	City Water Dept.
Brookville Apt.-1.5 SW.	Jefferson	1,400	55	27.3	+2.5	57	14	1	4	3.21	+0.79	1.18	26-27	7.0	16	4	10	14	w.	Civil Aeronautics Authority
Butler	Butler	1,077	32	31.0	+2.6	60	14	7	15	2.88	+0.53	*1.10*	26-27	5.4	8	7	12	9	.....	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	28.7	.....	61	14	1	21	3.18	+0.03	1.37	26-27	10.0	15	5	7	16	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	31.0	−0.3	61	13	4	3	2.58	+0.07	0.72	19-20	1.5	11	8	8	12	w.	Walter B. Paget.
Corry	Erie	1,410	31	25.6	+0.4	56	14	−8	4	2.65	−0.34	0.53	26-27	18.5	15	10	4	14	w.	J. Fred Kinley.
Coudersport	Potter	1,653	21	25.0	+0.6	55	14	−6	4	2.01	−0.56	0.46	25-26	13.5	14	10	4	14	e.	Potter Enterprise.
Derry	Westmoreland	1,150	48	31.6	+1.4	55	26	6	3	2.03	−0.99	0.65	27	4.5	11	13	5	10	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	28.5	.....	59	14	2	3†	2.32	.....	0.82	27	8.5	15	4	12	12	w.	Penna. Turnpike Comm.
Donora	Washington	761	19	34.8	+0.5	62	14	10	3†	2.13	−0.18	0.65	5	2.1	10	8	3	17	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	27.8	+0.6	55	13	3	15	3.16	+0.39	0.80	19-20	14.1	12	2	12	14	w.	John L. McGough.
Farrell	Mercer	855	32	30.6§	+2.1	58	6†	6	15	3.31	+1.41	1.07	26	8.0	9	16	3	9	sw.	Carnegie-Illinois Steel Corp.
Ford City-4 S	Armstrong	950	2	29.0	.....	62	13	4	16	2.24	.....	0.64	26-27	5.5	12	7	5	16	w.	U. S. Engineers.
Franklin	Venango	987	71	27.4	+1.7	59	13	5	4†	3.31	+0.61	1.04	26-27	18.5	14	12	5	11	s.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	33.4	+1.9	62	14	0	3	2.05	−0.86	0.64	26-27	1.4	14	11	2	15	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	31.6	+2.0	58	14	6	15	2.12	−0.79	0.68	26-27	5.5	12	9	7	12	sw.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	27.8	.....	64	13	−2	21	2.43	+0.25	0.87	13-14	.....	12	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	31.6	+1.3	63	13	9	4†	2.68	−0.95	0.80	19-20	9.5	11	15	5	8	se.	Johnstown Tribune Pub. Co
Kane-1 N.	McKean	1,750	30	23.2	.....	56	14	−11	4	2.79	−0.16	0.97	26	14.7	14	9	0	19	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	25.6	+1.2	57	13	−2	21	2.71	+0.03	0.79	13-14	15.1	15	3	11	14	sw.	City of Meadville.
Midland	Beaver	780	9	32.6	+0.3	61	14	8	15	3.04	+0.66	1.10	26-27	0.9	11	5	9	14	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	31.8	+3.0	60	14	8	3†	3.07	+0.71	1.26	26	3.1	11	6	5	17	w.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	12	32.4	+2.6	61	14	7	15	2.43	−0.19	0.57	5-6†	4.7	11	5	8	15	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	28.6	.....	58	14	2	4	2.70	.....	*0.97*	26-27	5.9	10	4	7	17	nw.	U. S. Engineers.
Ridgway	Elk	1,385	38	25.3	+0.4	59	13	−3	4†	2.50	−0.19	1.09	26-27	10.0	12	4	8	16	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	29.8	+2.8	57	14	−1	4	2.28	−1.33	0.59	19	9.0	13	5	9	14	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	28.2	+0.9	56	14	0	15	2.65	−0.50	0.84	19	12.4	14	6	5	17	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	25.8	.....	58	13	−2	4	2.83	+0.37	1.03	26-27	9.5	13	8	0	20	nw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	26.4	.....	55	14	−4	4	3.17	.....	*0.97*	26	15.0	17	1	16	11	se.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	35.9	+3.1	64	14	9	15	2.38	−0.54	0.58	26-27	2.0	11	7	10	11	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	33.4	+1.8	62	14	9	15	2.36	−0.11	0.50	19	.....	10	7	17	4	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	27.6	+2.6	57	14	−2	4	3.36	+0.78	1.11	26-27	12.0	16	9	12	7	se.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	33.6	+1.5	60	14†	6	25	1.60	−0.69	0.42	5	T.	7	7	5	16	w.	Thomas S Knox.
Division mean			....	**29.3**	.....	**64**	**13†**	**−11**	**4**	**2.64**	.....	**1.67**	**26**	**8.7**	**12**	**7**	**7**	**14**	w.	
Lake Drainage																				
Albion	Erie	900	2	.....	.....	.....	.....	.....	.....	2.75	.....	1.11	13	.....	11	7	10	11	n.	Charles C. Gilbert.
Erie	Erie	705	72	28.5	+1.6	59	14	7	14†	2.46	−0.12	0.94	13-14	8.5	14	1	8	19	w.	U. S. Weather Bureau.
State mean			....	**29.3**	**+0.9**	**75**	**27**	**−14**	**4**	**2.33**	**−0.47**	**1.88**	**19-20**	**9.7**	**11**	**9**	**7**	**12**	w.	

[See page 16 for explanation of reference marks.]

Daily Precipitation for February 1946

Stations	Counties	Day of month																											Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike							.40							.25	.15					1.06			.05		T	T.	.24	.46				2.61
Equinunk[2]	Wayne			.01			.07	.16	.13						.25	.06	T.				1.61	.02		.18		.04	.04	.48	.62				3.67
Hawley[2], 0.5 E	Wayne						.16	.11	.05	T.				T.	.16	.07	.01		T	T	1.12	T		.08		.06	.05	.28	.36				2.51
Hollisterville[2]	Wayne	T.		T			.02	.17	.06	T	.02			T	.08	.13			T.		1.14	T.		.10		.05	.07	.13	.63				2.60
Lakeville[2], 1 N	Wayne						T.	.30							.09	T.			T.		1.03				T.	.09		.08	.81				2.40
Matamoras[2]	Pike						.07	.38							.29	.14					.81			.07				.11	.37				2.57
Milanville[2]	Wayne						.12	.11	.02		.01			.01	.27	.07					.88	T.		.10		.05	.03	.35	.40				2.42
Mount Pocono[1], 2 N	Monroe	T.		T			.47	T.	T.	T.	T.			T.	.19	.10			.01	1.38	.50	.01	.03	T.	.06	.02	.20	.52	.01				3.71
Pecks Pond[5]	Pike			T.			.08	.23	.04					T.	.36	.04					.90			.08	T.	.06	.04	.28	.50				2.61
Pleasant Mount[1, 5], 1 W	Wayne						.30	.06		.04				.33	.07					.40	.64		.10		.07	.01	.50	.69	.01				3.22
Stroudsburg, 2 E	Monroe						.19	.06		T.				.11	.24	T.			T.	T.	1.25			.03	.01	T.	T.	.06	.48				2.43
Tauners Falls[1, 5], 1 SE	Wayne						.28							.30	.05					.56	.65		.10	.03	.04	.01	.35	.72	.03				3.12
Wind Gap[1, 5], 3 SW	N'rthampton						.43							.20	.12					.85	.20		.02					.35					2.17
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh					T.	.33	T.		.04				.19	.11	T.				.62	.30		T.		.04	T.	.02	.31					1.96
Allentown[2]	Lehigh						.03	.31	T.	T.	.03				.14	.06					1.11					.01	T.	T	.40				2.09
Bethlehem[1]	N'rthampton					T.	.50	.01		.04				.14	.03					.57	.27				.02		T	.41					1.99
Blakeslee Corners[1, 5]	Monroe	*	*	*	.04	*	*	*	*	*	*	.26		.20	.34					.21	.27						.12	.64	.02				2.10
Gouldsboro[2]	Wayne						.09	.27	.03						.18	.20					.87			.09		.08	.05	.22	.11				2.19
Lansford[2]	Carbon						T.	.37	T.						.18	.33					1.10					.03	.04	.05	.52				2.62
Mauch Chunk, 1 SW	Carbon	T.					.15	.20			T.			*	.40	T.				T.	1.58	T.			.03	T	.04	.03	.45				2.88
New Tripoli	Lehigh						.24	.08		.04				.09	.47	T.				.19	1.14				.06	T.	T.	.05	.39				2.75
Palmerton[1, 5]	Carbon						.24	T.		.01				.14	.23	T.			T	.80	.20		.01		.01	T.	.02	.36	T.				2.02
Zionsville, 1 SW	Lehigh						.15	.55		*				*	.15					*	1.15			*					*	.50			2.50
SCHUYLKILL																																	
Conshohocken	Montgomery					T.	.41	.02		.19				T.	.05	.01				.88	.39				T.	.11		T.	.52				2.58
Fredericksville[2], 1 S	Berks						T.	.38	T	T.	T.				.13	.08			T.		1.29			.05	T.	T.		T.	.34				2.27
Geigertown[2]	Berks	T.	T.			T.	T.	.56	T		T.				*	.22	T.				1.12			T.	T.	T.		T	1.30				3.20
Gratersford[2]	Montgomery	.12						.04	.49						.11	.12					.81					.02			.39				2.10
Phoenixville[2], 1.5 SE	Chester						.04	.51	T.		.16				.03	.08	T.				1.42			T.	T.	T.	T.	T.	.37				2.61
Port Clinton[2]	Schuylkill						.03	.24			.06				.27	.31					1.20					.06	.04		.42				2.63
Pottstown[2], 0.5 S	Montgomery	.01					.03	.42		T	.07				.09	.06					1.57					T		.03	.48				2.76
Pottsville[2]	Schuylkill						T.	.16	T.		.03				.17	.10					1.25					.05	.03	.03	.44				2.26
Reading[1, 5]	Berks	T.				T.	.33	T.		.02				.13	.15	.02				.84	.32		.01		.07		.01	.36	T.				2.26
Strausstown[2]	Berks						T.	.29	T.		.03				.21	.10					1.12					.05	T.		.39				2.19
Virginville[2]	Berks	.02					.04	.25		.10	.02				.22	.20					1.10		T.	T.	T.	.04	T	.04	.35				2.38
Wernersville	Berks					T.	.15	.13		.02				.07	.17	T				.32	.85			T.	.04		T.	.03	.36				2.14
LOWER DELAWARE																																	
Coatesville[2]	Chester			T.			.09	.40	T.	T.	.06				T						1.20			T	T.	.02			.39				2.16
Doylestown	Bucks						.09	.38		.05				.01	.04	T				.19	.74				.01			T.	.20				1.71
George School[6]	Bucks						.10	.13		.23				T.	T.					.34	1.18				T.			.02	.22				2.22
Maple Glen[7]	Montgomery						.04	.37		.02	.04				T.	.02					.93						T.			.22				1.64
Marcus Hook[2]	Delaware	.20					.10	.30	T		.14					.08					1.15						T.			.38				2.35
Philadelphia Southwest Airport, 1	Philadelphia		T			T.	.30	T.		.14				T	.01	T.				.69	.23		T.	T.	.01	T		.36	.03				1.77
City Office[1, 5]	Philadelphia		T.			T.	.37	T.		.16				T.	.07	T.				.79	.33		T.	T	T.			.31	.03				2.06
Shawmont	Philadelphia					T.	.12	.50		.08	.15			.02	.10	T.				.15	1.15	T.			T	T.		T.	.33				2.60
Quakertown, 0.5 E	Bucks						.14	.40		.06	T.			.05	.12	T.				.14	.89				.01	T.	T	T.	.03	.33				2.17
West Chester	Chester						.45	.06		.08	T.			.02	.10	T				.41	.92		T.		T.				.07	.35				2.46
West Grove[2], 1.5 SE	Chester						.07	.43			.14				.02						.93					.02			.34				1.95
Susquehanna Basin CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.02					.04			T				.02	.02			T.		.15	.02		.04					.44	.22				0.97
Covington[2]	Tioga			T.				.03		.02				T.	.14	.02			T		.23					T.	.03	.45	.42				1.34
Lawrenceville	Tioga		T				T.			T.				T	.05	.05			T.	.10	.10			.05		.05	.20	.25				0.85
NORTH BRANCH																																	
Berwick	Columbia					T	.11	.06						.11	.23	T.				T.	.50			T.	.05		.03	.14	.63				1.86
Canton[2], 1 NW	Bradford						T.	.19	T.			T.			.22	.11	T.		T.		.44	.01					.03	.07	.59	.48				2.14
Danville[2]	Montour						*	.21							.32	.12					.70				T.	T.	.10	.10	.55				2.10
Freeland[2]	Luzerne			T			.03	.28			T.				.10	T.	T.				.79	.03		.03	.10	.08	T	.06	.23				1.73
Hop Bottom[2], 2 S	Susquehanna						.18	.74	.05					.02	.06	.10					.35	.25		.11		.05		.53	.75				3.19
Millville[1, 5]	Columbia						*	.20						.30						*	.68				.10		.24	.82	.02				§2.36
Monroeton[2], 2 S	Bradford	T		T.	T.		T.	.08	.02						.11	.03			T.		.33	T.		T.	T.	.04	.05	.33	.54				1.53
Montrose[2], 3 E	Susquehanna			T.	T.		.03	.22	.14		T.			T.	.30	.06	.04		T.	T.	1.04	.06		.12	T	.09	.13	.49	.71				3.43
Orwell[2], 3 N	Bradford	.01					.08								.02	.06					.16			.06				.07	.35	.74				1.55
Park Place[1], 1 NW	Schuylkill	T				T.	.26	.02		T.					.14	.10	.03			T.	.35	.11		T.		.03	T.	.09	.52				1.65
Pikes Creek[1, 5]	Luzerne						.16								.14	.14	.01				.66	.43						.27	.70				2.51
Rush[2]	Susquehanna						.12	.09						T.	.26	.09					.60			.11		.07	.07	.36	.63				2.40
Scranton[1, 5]	Lackawanna	T		T.			.04	.03		T.				.07	.08	.05			T.	.15	.51	.03	T.	.01	T	.18	.45	.07				1.97
Susquehanna[2]	Susquehanna	T.		T.	T.		.02	.12	.04		T.			T	.25	.09	T.	T.	.01		.70	.06	T.	.09	T	.06	.02	.46	.75				2.67
Towanda, 1 E	Bradford	T.	T	T.			.05	.02	T.	T.	T.			.09	.02	.03			T.	.16	.26	T.	T.	.01	T.	T.	.08	.59	.32				1.63
Tunkhannock	Wyoming						.05	T.						T	.03	T.				.04	.86				T.		*	.24	.71				1.93
Wilkes-Barre[1], 3 N	Luzerne	T.		T.		T.	.17	T.		.02				.15	.03	.03			T.	.39	.23	T.	T.	T.	.02	T.	.16	.56					1.76
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga						T.	.04			.02	T.			.16	.02					.32			.03		.04	.10	.48	.39				1.60
Carrolltown[2]	Cambria	.04		.04		T.	.25	.25	.02						.37	.09	.01				.83	.10			T.	.11	.05	.58	.40				3.14
Carter Camp[2]	Potter	T.		T.			T.	.21			T.			T.	.40	T.			T.		.59	T.		T.		T.	.20	1.02	.30				2.72
Cedar Run[2]	Lycoming	T					.01	.17	.01					T.	.38	.06	T.				.54			T		.05	.12	.80	.48				2.62
Clearfield[2]	Clearfield	T					.03	.37	T						.38	.05	T.				.83	.02		T.		.01	.05	.86	.11				2.71
Coalport[2]	Clearfield																																
CurwensvilleApt[1] 6NW	Clearfield	.02	T	T		.04	.39	.10	T.	.01		T	T.	.40	.04	.17	T.		T.	.61	.19	T.	T.	T.	.10	.02	.78	.33	.01				3.21
Driftwood[1, 5]	Cameron						.18			.02				.34		.03				.40	.04		.02				.92	.38				2.53
Dushore[1, 5]	Sullivan						.28	*	*	*	*	.07		.17	.09	*	*	*	.15	.28	.09						.42	.58				2.13
Eagles Mere[2]	Sullivan	T					T.	.23	.02						.38	.10			T.		.57				T.	T.	.10	.55	.58				2.53
Emporium[2], 1 E	Cameron	T.				T.	.02	.20	T.						.35	.07			T.		.45	T.				T.	.16	1.20	.10				2.55
English Center[1, 5]	Lycoming						.23							.29	.13					.30	.03						.71	.60				2.29
Galeton	Potter	T.	T.				.06	.01	T.	.01				.16	T.	.03				.30	.13		T	.01			.21	.83	.10				1.85

Continued on page 12.

Daily Precipitation for February 1946—Continued from page 11.

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield	T					.08	.28	T		T			T	.40	.12					.60	T			T	.03	.10	.96	.26				2.78
Lock Haven[2]	Clinton						.07	.23						.02	.38	.10					.48				T	T	.08	.70	.65				2.71
Medix Run[1, 5]	Elk					.02	.26			.03				.39	.02	.04				.44	.08		.03		.02	.02	1.16	.18					2.69
Philipsburg[1], 7 E	Centre	T.	T	T.		.03	.30	.02	T.	T.		T.	T.	.39	.12	.12	T		T.	.68	.28	.03	T.		.19	T	.49	.99	T				3.64
Renovo[2]	Clinton	T					.08	.10						T	.27	.03					.36	T		T.		.02	.06	1.03	.49				2.39
State College[1, 5]	Centre	T.				.03	.29	T		T.				.35	.02	.01			T	.71	.01	T.	T.		.06	T.	.27	.90	T.				2.65
Tamarack[2], 2 S	Clinton	T	T.	T.	T.		.01	.12	T.		T				.31	.04	T		T.	T.	.38	T.		.01	.01	.04	.11	1.04	.32				2.39
Trout Run	Lycoming					T.	.18	T.						.14	.15	.10				*	.53			.28	T.		.12	.78	.59				§2.87
Tyrone [1, 5], 4 NE	Blair				.04	.41								.39	.04	.03				.82	.05		.02	.02			.11	.98					2.91
Wellsboro[2]	Tioga			T		T	.04	T.							.14	.05	T.		T.		.35	.01		T.		.03	.10	.46	.42				1.60
Williamsport Apt.[1]-4 E	Lycoming	T.				T	.22	T.		T	T			.21	.09	.04				.38	.15		T.		T.		.44	.65					2.18
Williamsport[2]	Lycoming						.06	.15	T.						.21	.06					60					T	.07	.50	.50				2.15
Williamsport[2], 4 SE	Lycoming						.09	.13	T					T.	.28	.07	T				.49				T.	T	.06	.07	.55	.49				2.23
JUNIATA																																	
Altoona, 4.5 W	Blair	T	.06	.02		.08	.25	.06		.03				18	.11	T				.39	.37	T.				T	03	1.05	.03				2.66
Breezewood[1], 0.5 E	Bedford		.02			.05	.18			.01				.30	T.	T.				.84	.04				.04		T.	.33					1.81
Buffalo Mills[2]	Bedford							.30							.23	.04					.72								.37				1.66
Burnt Cabins[1], 2 NE	Fulton		.03			.03	.15			.02				.30	.03	T				86	T				.01		T.	.33					§1.76
East Waterford[2], 3 E	Juniata	T	T	.05			.03	.19	T.		.03			T	.31	.06	T				1.09	T.		T.	T.	.07	.01	.01	.48				2.33
Everett[2], 0.5 SW	Bedford			T.		T.	.12	.15						T	.29	.02					.98	.16				T.		T.	.40				2.12
Huntingdon[2]	Huntingdon	T.		T.			.05	.25	T		T				.30	.01					.76	.03			T	T.	T.	.11	.44				1.95
Lewistown[2], 1 W	Mifflin			T.			.03	.20			T.				.42	.03					.65				T.	.02	T.	.12	.40				§1.87
Mapleton Depot[2]	Huntingdon			.01			.08	.20			T				.25	.03	.02				.72	.03				.04		.01	.47				1.86
Martinsburg[1]	Blair	T.	.01			.19	.27	.01	T.	T.				.22	.04	.01				.26	.07			T.	T.	T.	T.	.60					1.68
McConnellstown 2.4NW	Huntingdon	T		T			.16	.23	T		.02				.27	.05					.82	.07				.05	T.	.10	.73				2.50
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.02	*	*	*	*	*	*	.30		*	*	*	*	*	*	.37	*	*	*	*	*	40	*	*	*	*	*	*				1.09
New Bloomfield	Perry					T	.10	.08						.15	.08	T.				.45	.51					T	T.	.55					§1.92
Newport[2]	Perry			T.			T.	.18			T.				.20	.01					.87			T		T	.01	.04	.51				1.82
Saxton[2], 1 W	Bedford			T.			.04	.33							.27	T.					.95	.05							.58				§2.22
Shade Gap[1, 5], 0.5 SW	Huntingdon					.07	.23			.03				.27	.05					.78							.03	.30	.02				1.78
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams			.02			.05	.26		.03	.02				.15	.02					1.38	T				.02		T.	.18				2.13
Bloserville, 1.5 N	Cumberland			.04		T	.18	T.		T.				.22	.15	T.				.35	.56				T	.06		.06	.45				2.07
Carlisle	Cumberland			.07		T	.14	.04	T.	.08				.10	.12	T				.52	.66				.02	T.	T.	T.	.38				2.13
Columbia	Lancaster			T.			.16	.12		.06				.05	.07	T.				.22	.90				.03		T.		.37				1.94
Dauphin[2], 3 N	Dauphin						T.	.13			.05				.16	.06	T.				.68						.06	T.	.53				1.67
Ephrata	Lancaster				T	T	.29	.15		.07				.07	.27	.01				.27	.76				.05		T	T	.28				2.22
Glen Rock[1, 5]	York					.02	.25			.06				.06	.09					1.13	.12				.07			.21					2.01
Gordon	Schuylkill						.09			.06				.09	.30					T	.75				.07	.04	.04	.09	.64				2.17
Grantville, 2 SW	Dauphin					T.	.16	.09		.03				.09	.11	T				.35	.74				.06	T.		.01	.37				2.01
Hanover[2]	York	T.		T			.06	.26		.02	.09	T		T	.11	.14					1.03	T.			T.	.07		T.	.42				2.20
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T.	T.			T.	.24	T	T	.03				.14	.10	T.				.78	T	T.	T.		.04	T.	T.	.40					1.73
Holtwood[2]	Lancaster	T.		.03			.03	.32		T.	.10				.03	.01					1.05			T	T.	.04		T	.27				1.88
Huntsdale[2]	Cumberland			T.			.04	.17		T.	.04				.15	.09	T				1.15	.02				.03		T	.34				2.04
Kirkwood[1, 5], 1 SW	Lancaster						.60			.06										.62	.06							.49					1.83
Lancaster	Lancaster			T.			.11	.37		.08				.04	.16	.01				.26	.80				.04	T		.01	.23				2.11
Lebanon[2]	Lebanon						.02	.24	T	T	T.				.12	.02					1.06			T.	T.	.08	T	T	.39				1.93
Middletown[1], 1.5 W	Dauphin		.03			T.	.28	T	T	.03				13	.17	T.				.80	T.		T.		.05	T	T.	.33					1.82
Millersburg[1, 5], 2 E	Dauphin						.13							.11	.07					.46	.04				.04		.01	.42					1.28
Milroy[2]	Mifflin	T.					T.	.29	T.		.04				.50	.03				T.	.60				T	T.	.02	.27	.30				2.05
Newburg[1], 3.5 NW	Cumberland		.01			T.	.25							.28	T	T.				.64					T.		T.	.38					1.56
New Park	York			T		05	.43			.13				.15	.12					.50	1.20					*			.40				2.98
Pine Grove[2], 1.5 NE	Schuylkill	T.					.03	.21	T.		T			T	.21	.09				T.	.97			T.	T.	.05	.03	.04	.47				2.10
Selinsgrove	Snyder					T.	.11	.04		.01	T.			.14	.18	.05	T		T.	.30	.60	T.			.05	T.	.04	.19	.43				2.14
Shamokin[2]	N'umberland						.02	.13	T		.02				.22	.15			T.		.65				T.	.08	.05	.08	.71				2.11
Shippensburg	Cumberland			T.		.06	.10	.02		.07	T			.19	.11	T.				.35	.40				T.			T.	.43				1.73
Sunbury[2]	N'umberland	T					.02	.15	T		T.				.31	.21					.81	T		T.	T.	.10	.04	.21	.61				2.46
Williamstown[2]	Dauphin						T	.09	T		T.				.22	.13					.50					.10	T.	.05	.60				§1.69
Woodward[1], 2 NE	Centre	T.		T.		T.	.13	T	T	.01				.27	.02	.01	T.		T.	.35	.02	T.	T.		.06	T.	.24	.63	T.				1.74
York, 3 SW	York			.02		T.	.12	.05		.07				.04	.06	T.				.34	.74				.06			.02	.29				1.81
York Haven[2]	York			.02			.01	.20		T.	.08				.12	T.					1.25					.02			.43				2.08
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin		.03			.06	.18			.08				.22	.09					1.08	.02				T.		T.	.50					2.26
Gettysburg	Adams			T.		T.	.20	.01		.08				.12	.03	T.				.58	.72				.01		T.	T	.47				2.22
Hewitt, 2 SW	Bedford		T.			.04	.30	T		.02	T			.39	T.					*	.85						.03	*	.30				§1.93
Hyndman[2]	Bedford			T.		.14	.18	.13			T				.20	T.					.93					T.			.30				1.88
McConnellsburg[2]	Fulton			T			.08	.15			T.			T	.25						.89								.25				1.62
Mercersburg[2]	Franklin			T.			.11	.11		.12	.05			.02	.20	T					1.10								.34				2.05
South Mt. San't'm[2]	Franklin			.01			.09	.28			.09				.19	.04					1.23	.01				.03			.33				2.30
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.03		T.		.15	.38	.11			.03			.02	.50	.02					.67	.02				.02	.01	.65	.13				2.74
Allens Mills[1, 5]	Jefferson					.04	.26	.09		.06				.57	.04					.57	.13		.05		.04	.04	1.32	.25					3.46
Blairsville[1], 6 NE	Indiana	.02	.01	T		.29	.31	T.		.08		T	T.	.26	T.	.06				.24	.20	.06			.12	.01	.22	.55	T.				2.43
Boswell[2], 6 NW	Somerset			.02		.01	.06	.24		.02	.12				.23	.08					.50	.03	T.			.09		.30	.31				2.01
Bradford, 4 W	McKean	.12	.01	T.			.14	.35	T.	.13		T		.12	.50	.05	T		T.	.15	.38	T.	T.	T.	.03	.07	.38	.60	T.				3.03
Brookville[1], 1.5 SW	Jefferson	.03	T.	T.		.01	.29	.10	T.	.05		T.		.53	.09	.04			T.	.34	.21	.03	01		.04	.03	1.11	.30	T.				3.21
Buckstown[1, 5]	Somerset		.03			.04	.38							.22						.56	.11				.08		.05	.41					§1.88
Clarion[2], 3 SW	Clarion	.02	T.			.02	.18	.26	.01	.02	.04				.64	.04			T.		.40	.05	T.			.02	.11	1.33	.04				3.18
Corry	Erie	.01	.01	.01		T.	.30	.12		.02		T.		.30	.50	.06			T.	.08	.20	T.	T.	T.	.04	.04	.43	.53					2.65
Coudersport	Potter	.03	T.				.33	.04		.02				.04	.01	.02				.15	.26	T.			.03	.10	.46	.38	.14				2.01
Derry	W'moreland	T.		.02		.15	.30	T.		.03				.19	.06	.11				.33	.13				.06	T.	T.	.65	T.				2.03
Donegal[1]	W'moreland		.02			.43	.20	T		.06		T.		.30	.07	.02				.16	.03		T.	.01	.10	.03	.05	.82	.02				2.32
Dunlo[1, 5], 0.5 SW	Cambria			.02		.02	.38			.03				.28	.05	.09				.24	.08				.06		.06	.60					1.91
Ebensburg[2]	Cambria	.02		.04			.42	.16			.03				.38	.12					.80	.02				.09		.69	.39				3.16
Ford City[2], 4 S	Armstrong	T.		T.		.08	.20	.06	T.	.02				.04	.54	.02					.35	T.		T.		.04	.04	.64	.21				2.24
Franklin[2]	Venango	.05				T	.23	.30	.03	.02	.06				.49	.10	.02		T.		.67	.10				.02	.18	1.04					3.31
Glen Hazel[2], 1 NE	Elk	.04		.04	T		.19	.16	T.	.02	.03			T	.52	.03	T		T		.40	T.		.02	.03	T.	.13	1.07	.01				2.69
Home[1, 5]	Indiana					16	.18		.02					.40	.02	.03				.29	.03				.06		.64	.36					2.19
Indiana	Indiana	.02		T		.09	.22	T.		.02	.01	T.		.29	T	.12				.18	.23				.15	T.	.11	.68					2.12
Johnstown[2], 0.5 W	Cambria	T.		.08		.08	.30	.13			T			.07	.38	.08					.80	T.			T.	.07		.38	.31				2.68
Kane[1], 1 N	McKean	T.	.02	T		.02	.34	.14		.05		T		.51	.02	T.			T	.42	.10	T.	.03		.04	.03	.97	.10	T.				2.79

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kregar[1, 4.5 SE	W'moreland	T.	.06			.13	.62	T		.12		T		.40	.07	.11				.39	.25	T.	T.		.14	T.	.10	.49	T				2.88
Lyeippus, 1.5 E	W'moreland	T		.01		.29	.36	T		.12				.26	.06	.17				.19	.28	.01			.01		T.	1.06	T				2.82
Marienville[1, 5	Forest					.02	.34	.06		.04				.50	.09	.02				.33	.09				.10	.02	1.17	.03					2.81
Meadville[2], 1 S	Crawford	.01		.01	T.	.01	.16	.22	.04	.03	.01		T.		.79	.06	T.		T.		.50	T			.01	.05	.17	.64					2.71
Mosgrove[2]	Armstrong	T	T.			.02	.31	.19	T.	.02	.01		T.	T	.60	.08	.07				.63	.07				.09	.10	1.03	.15					3.37
Parkers Landing[2]	Armstrong	T					.03	.10		T.	T.				.87	.05					.44	.05				T.	T.	1.67	T.					3.21
Pittsburgh Cty Off[1, 5	Allegheny	T.		.01		.47	.11	T.	T.	.04		T.	T.	.44	.04	.06				.87	T		T		.09	T.	.34	.20					2.67
Port Allegany[2]	McKean	.02		.01			.03	.36	.01		.01				.32	.04	T.		T.		.30	.02		.02	T	.04	.13	.61	.05					1.97
Punxsutawney[2]	Jefferson	.01	T			.02	.18	.15	T.	T.				T.	.45	.07					.55	.05				.05	.05	.95	.20					2.73
Putneyville[3], 2.5 SE	Armstrong	T.				T	.23	.11	T.						.53	.03			T.		.55	.04				*	*	1.02	.19					2.70
Ridgway[2]	Elk	.02	T.	T.	T.	T	.09	.27	T		.01			T	.39	.04			T.		.42	.02		.02		T.	.10	1.09	.08					2.50
Saltsburg[2]	Indiana	.01		.01		.08	.27	.04	T.	.04	.05		T.	T.	.30	.05	T.				.48	T.			T	.02	T.	.60	.31					2.26
Seward[2]	W'moreland			.10			.10	.22							.58	.11					.94					.04		.38	.31					2.78
Sheffield[1, 5, 6 W	Warren						.31	.03		.04				*	*	*	*	.80		.21	.05	.01	.02		.05	.03	1.07	.08					2.65
Smethport[1, 5, 1 SW	McKean	.02	.02				.30	.05		.05					.37	.07				.19	.06		.05			.03	.77	.14					2.12
Strongstown[1, 5	Indiana	.01		T		.03	.47			.04				.42	.01	.04	T.		T.	.51	.09				.04		.27	.47					2.40
Tionesta[2], 1.5 SE	Forest	.02		.01		.04	.22	.18	T.	.07	.10				.63	.01	T.		T.		.38	T	T.		T	.03	.11	1.03					2.83
Titusville, 2 S	Crawford	.02	T.			T	.33	.16	.02	.07		T.		.28	.57	.04	.02		T.	.07	.32	.02	.02	T.	.03	.06	.17	.97					3.17
Union City[1, 5	Erie		.03			.05	.23			.06				.87	.04	.03	.04			.19	.04		.03		.03	.03	.78					2.45
Vandergrift[1]	W'moreland	T				.24	.15			T.				.40	.02	.06				.50	.04				*		.50	.45					2.56
Warren[2]	Warren	.01		.01			.04	.03	.02	.01	.15				.90	.09	.02		.07		.52	.07		T.	T.	.08	.23	1.11					3.36
Youngsville[1, 5	Warren						.18	.09		.03				.67	.10	.03				.34	.09	.05				.01	.99					2.58
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset			T.		.10	.39	.19	T		.02			T	.40	.08					.42	.01	T.	T	T.	.09	T.	.04	.25					1.99
Connellsville[2]	Fayette			T		.18	.32	.11	T.	T	T				.25	.01	T.				.24	T.			T.	.01		.14	.39					1.65
Donora[1]	Washington	T	.01			.65	.14	T.		.07				.22		.10				.53			T.		.03	T.	.06	.32					2.13
Greensboro[2]	Greene					.11	.46	.17	T.	T.	.03			T.	.37	.04	T.				.53	.05				.02	T	.11	.40					2.29
Greensburg, 2 S	W'moreland			.01		.30	.44	.01		.06	.01			.24	.01	.02					.15				.02	.02	T.	.64					2.05
Irwin	W'moreland		T.	T.		.30	.32			.06	.01	T.		.24	.05	.09				.18	.21	T.	T.		.02	.04	.02	.81	.03				2.38
Meyersdale[2]	Somerset					.22	.15	.16						.01	.31	.05					.72	.03				.05			.28				1.98
Murrysville // [1, 5	W'moreland					.33	.21			.04				.35	.09	.03				.50	.04				.02		.29	.42					2.32
Newell[7]	Fayette					.20	.62							.14	.17						.40	.02			T.	T.		.32	.20				2.07
Pittsburgh Arpt // [1, 5	Allegheny	T.	T.	T.	T.	.52	.21	T	T.	.08		T.		.29	.03	.06	T			.47	.11	T.	T.	T.	.10	T.	.28	.28	T				2.43
Rices Landing[2]	Greene					.16	.50	.13		T.	.05				.37	.11					.53	.04				.05		.24	.22					2.40
Somerset	Somerset	T	T.	.02		.29	.24	.03		.01	T			.34	.01	.04				.59	.27		T.		.06	.02		.36	T.				2.28
Springs[6], 1 SW	Somerset	T.	.02	T.	T	.33	.31	.02		.05	.02			.37	.02	.05				.84	.22	T.			.10	.03	T.	.27	T				2.65
Uniontown	Fayette					.48	.23	T.		.05	T			.30	.05	.17				.24	.18				.07	T.		.58	.03				2.38
Waynesburg	Greene					.42	.21			.03	T.			.23	T	.06				.41	T.							.24					1.60
BEAVER																																	
Beaver Falls[2]	Beaver	T.	T.	T	T.	.10	.33	.03	T.	T.	T.			T	.49	.10	T.				.29	T.				.05	.05	1.12					2.56
Butler	Butler						*	.47		.02					.51					.23	.45		T.		T.	*	1.20					2.88
Farrell[2]	Mercer						*	.47			.15				.78	.11	T.				.61				.02		.10	1.07					3.31
Greenville	Mercer					.09	.39	.05		.04		T		.37	.51	.03				.24	.30	T.			.06		.22	1.01					3.31
Jamestown[2], 2 NW	Mercer	T		T.		.05	.15	.11	T.	.01	T.				.87	.02					.33	.01			.01	.02	.09	.76					2.43
Mercer Arpt.[1], 2.5 NE	Mercer	T.	T.	T.		.30	.14	.03	T.	.09		T.	T.	.77	T.	.03	T.		T.	.22	.05	T	T.	T.	.05	T.	1.01	.02	T.				2.71
New Castle, 1.5 N	Lawrence				T.	.19	.20	.08	T.	.05				.60	.10					.34	.12			T.	.04		.14	1.26					3.07
Pennline, [2], 1 S	Crawford	T.		T.	T.		.13	.10	T.	T.		T.	T.		1.03	.02	.03		T		.46	T.			.04	.03	.20	.48					2.52
OHIO																																	
Claysville[2]	Washington					.16	.48	.12			.05				.39	.06					.67	.05				.07		.46	.07					2.58
Coraopolis[2], 1 E	Allegheny	T.		T.		.12	.36	.10		T.				T.	.49	T.					.63	T.			T.	.02		.66	.02				2.40
Midland[2]	Beaver	.01				.08	.39	.07			.02			T.	.74	.01					.59	T.				.02	.01	1.10					3.04
Washington[1, 5	Washington					.69	.11							.33	.01					.58	.02						.28	.23					2.25
LAKE DRAINAGE																																	
Albion[2]	Erie	.05		T		.02	.10	.30			.02				1.11	.11	.02				.28			T.	T.		.16	.58					2.75
Erie[1, 5	Erie	.01	T.	T.		.01	.21	.20		.03	T.	T.	T.	.76	.27	.04		T	T	.24	.03		T.	T.	.12	.12	.37	.05	T.				2.46
Raymond[1, 5	Potter						.10			.03				.20	.07					.23	.03		.06		.03		.74	.26					1.75

[See page 16 for explanation of reference marks.]

Daily Temperatures for February 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Allentown Arpt.[1-4 NE	Maximum	33	41	28	33	28	48	37	42	37	37	40	44	37	64	30	39	52	36	30	36	26	30	41	32	32	32	38	42	..	..	..	37.3
	Minimum	23	21	12	8	12	27	28	20	30	29	17	20	32	30	14	14	22	19	16	25	10	4	18	22	17	15	27	28	..	..	..	20.0
Allentown/	Maximum	35	43	30	33	36	47	39	41	39	35	41	44	60	65	59	39	52	37	36	39	35	36	40	33	31	34	41	44	..	..	..	40.9
	Minimum	28	21	17	10	11	14	33	22	23	30	21	21	23	33	25	15	18	25	16	18	17	8	14	26	23	18	21	32	..	..	..	20.8
Altoona-4.5 W	Maximum	33	36	25	31	29	37	36	41	46	44	37	44	41	57	28	55	48	39	33	32	27	37	42	35	34	43	48	39	..	..	..	38.5
	Minimum	17	21	8	4	23	25	23	19	32	24	12	21	31	27	7	10	34	27	21	25	10	11	32	30	15	22	36	25	..	..	..	21.1
Arendtsville[6]	Maximum	40	40	31	35	28	38	40	42	40	41	42	45	36	62	30	43	53	45	30	39	37	35	44	34	35	36	60	47	..	..	..	40.3
	Minimum	27	21	14	10	21	27	30	19	29	28	19	21	26	30	15	13	25	25	23	28	14	12	21	31	19	20	29	27	..	..	..	22.3
Berwick	Maximum	..	..	..	..	..	..	..	..	..	..	..	43	41	62	35	42	48	44	27	35	30	39	38	38	35	36	49	46	..	..	..	§§
	Minimum	24	18	15	4	14	26	28	17	29	27	14	24	32	35	13	11	26	26	14	26	13	0	27	25	19	16	32	31	..	..	..	20.9
Bethlehem[1]	Maximum	32	41	27	33	28	48	48	42	36	36	40	44	39	64	30	38	50	36	29	36	27	33	40	31	29	33	40	43	..	..	..	37.6
	Minimum	26	22	17	10	14	28	29	22	31	29	20	24	32	30	14	14	26	17	17	26	16	12	24	26	21	18	29	30	..	..	..	22.3
Blairsville[1-6 NE	Maximum	34	32	19	37	34	52	34	46	47	32	24	45	49	58	23	50	42	33	33	32	23	45	32	32	26	54	51	34	..	..	..	37.6
	Minimum	13	10	4	8	26	30	19	14	25	20	16	23	35	19	1	11	23	23	24	19	8	21	29	15	11	22	28	21	..	..	..	18.5
Bradford-4 W	Maximum	26	29	17	30	30	41	37	39	40	32	29	41	44	56	25	49	44	28	29	29	23	39	36	32	29	42	44	34	..	..	..	34.8
	Minimum	14	9	7	−11	13	25	19	− 1	30	16	13	17	27	23	0	5	26	12	9	21	4	− 3	25	24	5	11	25	17	..	..	..	13.6
Brookville[1-1 5 SW.	Maximum	30	30	22	34	30	43	35	41	43	33	26	43	47	57	25	48	42	36	32	32	24	41	36	36	25	48	43	37	..	..	..	36.4
	Minimum	15	13	6	1	26	30	22	17	26	18	10	26	35	24	7	7	26	18	18	18	3	3	31	20	15	20	31	24	..	..	..	18.2
Burnt Cabins[1-2 NE	Maximum	36	39	25	34	28	38	38	47	40	38	39	45	45	58	28	44	52	42	30	36	37	44	41	40	33	46	68	42	..	..	..	§40.1
	Minimum	22	18	10	5	26	28	28	12	36	24	13	22	32	25	14	13	28	22	21	28	19	10	24	28	20	25	32	22	..	..	..	§21.7
Butler	Maximum	33	35	33	33	36	54	44	42	46	40	44	44	58	60	33	47	38	32	38	35	31	40	50	37	40	50	35	32	..	..	..	40.7
	Minimum	17	25	10	9	32	33	24	21	39	25	14	25	35	31	7	11	15	25	23	28	10	9	33	22	15	24	17	15	..	..	..	21.2
Canton/-1 NW	Maximum	30	32	20	22	29	37	29	40	34	30	36	42	52	52	12	29	46	28	29	32	22	32	31	32	22	39	36	36	..	..	..	32.5
	Minimum	15	15	10	− 1	0	17	25	10	12	17	9	12	28	32	11	2	12	15	8	10	4	4	8	23	10	10	19	25	..	..	..	12.9
Carlisle	Maximum	43	47	40	32	30	38	40	41	38	38	42	46	40	62	38	43	59	46	39	40	34	36	41	38	35	36	47	44	..	..	..	41.2
	Minimum	28	30	16	13	25	28	31	22	31	31	19	26	32	36	18	16	24	27	24	31	19	8	24	30	22	26	34	34	..	..	..	25.2
Chambersburg[6-1 SW.	Maximum	38	41	27	35	29	37	41	44	39	39	41	44	37	59	28	43	53	46	32	37	35	40	47	38	34	41	48	44	..	..	..	39.9
	Minimum	25	23	14	12	26	38	30	19	31	29	18	22	28	28	14	14	27	26	25	28	14	11	18	30	20	24	30	28	..	..	..	22.9
Clarion[6-3 SW	Maximum	33	35	24	37	34	48	39	42	41	36	33	45	46	61	31	52	45	36	37	35	29	43	39	38	30	47	46	40	..	..	..	39.4
	Minimum	14	18	8	2	28	30	21	12	31	17	9	18	29	26	6	6	26	16	17	24	1	2	30	26	14	20	31	22	..	..	..	18.0
Claysville/	Maximum	36	34	26	39	55	55	50	49	43	36	30	47	61	38	26	53	45	41	41	33	34	53	37	33	46	59	44	41	..	..	..	42.3
	Minimum	17	11	4	6	15	37	28	13	14	22	13	17	19	38	8	6	26	18	19	29	16	17	30	31	14	14	43	28	..	..	..	19.8
Coalport/	Maximum	35	34	24	36	33	41	35	40	42	35	30	46	65	50	38	53	43	38	33	32	29	45	39	38	31	50	49	40	..	..	..	39.4
	Minimum	19	16	0	0	11	25	29	24	20	24	9	9	27	36	10	8	10	26	18	18	9	14	31	33	19	14	30	25	..	..	..	18.4
Coatesville/	Maximum	37	45	30	34	34	47	41	46	39	35	41	45	58	65	23	40	55	44	36	44	30	40	46	36	32	46	71	43	..	..	..	42.2
	Minimum	27	25	16	11	12	22	26	14	23	32	22	19	19	32	23	13	24	30	20	23	17	12	19	31	21	26	26	34	..	..	..	22.1
Columbia	Maximum	47	44	37	35	28	44	46	44	40	38	43	47	43	67	42	45	56	45	40	42	35	41	48	40	35	40	64	45	..	..	..	43.6
	Minimum	28	21	16	13	20	28	28	24	28	32	23	23	32	38	19	15	20	24	22	30	19	11	26	31	21	22	33	34	..	..	..	24.3
Corry	Maximum	26	31	17	32	31	45	35	41	42	30	25	42	43	56	24	48	45	29	32	30	25	39	36	34	25	43	43	35	..	..	..	35.1
	Minimum	15	15	8	− 8	26	25	20	− 4	30	18	9	22	36	24	6	9	25	16	15	22	7	− 5	27	25	13	15	27	17	..	..	..	16.2
Coudersport	Maximum	30	30	19	35	35	39	30	40	40	41	35	43	45	55	28	49	46	38	29	30	22	38	37	34	36	36	39	36	..	..	..	36.2
	Minimum	14	11	9	− 6	15	22	10	5	30	4	12	19	30	27	3	6	33	13	12	22	5	7	10	8	5	12	29	21	..	..	..	13.9
Curwensville[1-6 NW	Maximum	27	29	20	28	24	37	32	38	38	29	28	40	42	55	22	47	41	33	25	30	23	39	34	34	24	45	43	35	..	..	..	33.6
	Minimum	11	8	4	0	13	23	18	5	23	15	8	21	31	19	3	4	23	18	16	14	4	8	27	15	9	15	22	19	..	..	..	14.4
Derry	Maximum	37	34	26	38	38	41	41	41	41	32	28	45	50	50	30	54	47	31	34	32	27	49	47	37	29	55	51	36	..	..	..	39.3
	Minimum	18	26	6	7	31	38	26	19	35	25	18	23	40	29	8	14	26	27	31	27	19	17	34	21	16	28	34	27	..	..	..	23.9
Donegal[1]	Maximum	31	32	16	41	37	53	35	45	45	33	25	44	52	59	25	50	42	35	35	32	29	46	35	32	28	56	56	34	..	..	..	38.7
	Minimum	14	10	2	2	27	33	18	10	29	21	11	23	32	20	5	12	24	20	20	20	12	18	29	16	10	24	28	23	..	..	..	18.3
Donora[1]	Maximum	38	38	28	44	48	57	41	48	46	37	30	46	55	62	28	57	48	40	41	32	34	52	40	40	32	60	60	43	..	..	..	43.8
	Minimum	20	18	10	16	34	39	26	21	36	26	21	28	42	28	10	18	28	31	31	26	19	19	36	25	19	32	32	30	..	..	..	25.8
Eagles Mere/	Maximum	28	31	20	24	28	38	30	37	33	34	33	38	47	50	17	33	42	27	29	31	22	30	30	37	25	35	45	33	..	..	..	32.4
	Minimum	17	15	7	− 2	− 1	15	28	11	10	17	8	8	23	28	13	0	8	17	7	14	5	2	11	20	10	8	16	25	..	..	..	12.1
East Waterford[6-3 E	Maximum	29	31	19	29	22	35	35	40	38	37	33	41	39	51	24	38	44	35	28	29	25	33	36	31	27	43	52	38	..	..	..	34.4
	Minimum	17	19	7	6	17	21	23	16	31	22	16	20	31	23	6	8	30	26	16	23	9	19	29	25	12	19	35	24	..	..	..	19.6
Ebensburg/	Maximum	32	28	23	35	32	39	29	44	38	34	33	43	55	32	32	49	38	34	31	27	32	44	34	31	45	49	42	40	..	..	..	36.6
	Minimum	13	13	5	4	22	23	19	17	28	21	13	18	32	30	3	4	31	24	21	25	7	12	29	28	12	14	40	20	..	..	..	18.9
Emporium/-1 E	Maximum	32	30	25	36	31	42	28	43	40	33	37	47	60	51	35	51	44	35	32	35	28	45	38	39	28	41	42	41	..	..	..	38.2
	Minimum	17	13	11	−14	− 4	25	24	8	8	22	6	8	16	31	9	7	25	21	16	22	11	1	11	29	11	13	23	24	..	..	..	14.1
Ephrata	Maximum	40	43	36	31	30	46	41	43	39	38	41	46	40	65	38	43	52	43	35	40	32	38	46	36	34	40	59	48	..	..	..	41.5
	Minimum	28	24	17	11	19	28	32	24	29	31	22	24	31	37	17	16	25	29	21	30	18	12	27	31	22	24	34	34	..	..	..	24.9
Erie[1]	Maximum	36	36	20	35	40	51	29	47	46	26	33	48	53	59	21	51	40	29	37	29	23	41	33	32	22	46	30	34	..	..	..	36.7
	Minimum	18	14	11	7	34	29	24	19	26	20	17	31	43	21	7	15	25	17	18	16	12	23	26	20	14	22	20	20	..	..	..	20.3
Everett[1-0.5 SW.	Maximum	37	31	21	37	35	43	39	47	44	37	34	41	39	47	32	47	49	42	31	36	28	42	36	40	33	54	54	41	..	..	..	39.2
	Minimum	20	18	10	8	26	29	29	17	34	25	14	26	27	30	12	13	22	23	23	26	15	7	29	24	19	25	35	24	..	..	..	21.8
Farrell	Maximum	35	35	25	37	40	53	37	46	44	38	30	53	42	51	31	50	37	37	35	32	30	47	44	36	31	51	50	36	..	..	..	§39.8
	Minimum	17	15	10	9	35	34	24	23	28	21	16	30	28	16	6	9	23	26	20	23	10	20	34	23	15	26	30	27	..	..	..	§21.4
Ford City/-1 S	Maximum	40	33	25	38	42	55	31	47	43	37	30	48	62	44	20	58	42	38	39	33	28	53	37	35	30	54	47	41	..	..	..	40.4
	Minimum	6	6	9	7	9	31	18	13	19	22	13	14	29	41	8	4	17	27	20	26	9	11	24	30	15	13	28	25	..	..	..	17.6
Franklin/	Maximum	33	28	23	37	40	48	28	45	42	34	31	45	59	43	19	52	37	36	35	30	29	40	37	34	30	48	39	39	..	..	..	37.2
	Minimum	10	10	11	5	5	30	22	15	15	21	13	13	30	42	8	8	18	20	20	27	6	6	23	29	15	15	29	25	..	..	..	17.5
Fredericksville-1 S	Maximum	39	41	34	31	27	45	48	40	36	37	39	43	37	61	38	38	52	47	31	38	32	33	38	35	31	33	51	41	..	..	..	39.1
	Minimum	25	16	14	6	12	25	27	17	24	28	18	19	30	35	15	10	24	27	15	27	14	4	21	26	21	18	29	30	..	..	..	20.6
Freeland	Maximum	32	33	38	24	20	34	40	37	35	33	39	33	53	31	30	37	41	31	24	30	34	34	30	36	37	39	46	38	..	..	..	34.6
	Minimum	17	21	8	0	3	17	22	12	20	11	19	27	28	5	5	17	9	13	5	7	16	20	8	20	9	20	25	20	..	..	..	14.4
George School[6]	Maximum	37	45	34	33	31	47	52	42	39	38	41	44	42	65	38	38	56	42	32	39	30	38	43	36	34	40	48	43	..	..	..	41.0
	Minimum	27	24	17	9	15	28	29	22	27	29	22	22	29	36	17	14	29	27	18	28	16	9	22	25	25	21	33	31	..	..	..	23.2
Gettysburg	Maximum	45	42	37	34	37	38	41	44	44	42	42	45	49	64	40	42	53	38	42	38	34	36	45	38	35	40	64	50	..	..	..	43.2
	Minimum	28	27	17	14	22	28	33	30	34	30	20	34	31	34	18	9	30	28	25	32	20	12	20	32	21	25	33	29	..	..	..	25.6
Gordon	Maximum	38	36	26	28	26	38	38	38	38	36	37	43	40	57	35	39	57	40	33	36	31	36	38	36	34	31	50	44	..	..	..	37.8
	Minimum	23	16	13	2	11	22	25	21	27	26	11	23	30	33	13	11	21	26	15	23	12	− 5	20	18	17	20	30	30	..	..	..	19.0
Greensburg-2 S	Maximum	46	35	29	43	43	56	40	49	45	38	34	47	49	62	51	54	49	38	41	38	33	54	49	36	30	56	58	40	..	..	..	44.4
	Minimum	19	29	0	4	33	36	26	14	36	25	13	18	28	29	8	10	28	17	20	29	16	18	35	30	17	26	33	27	..	..	..	22.3
Hanover/	Maximum	41	45	32	37	33	45	40	46	41	40	44	48	59	64	24	43	55	50	35	39	37	42	47	36	36	51	70	46	..	..	..	43.8
	Minimum	27	27	16	14	15	26	32	27	23	30	21	23	28	35	18	16	21	29	25	26	20	16	23	28	20	22	30	32	..	..	..	23.8
Harrisburg Arpt.[1-3.5 S	Maximum	39	41	28	32	29	39	42	45	41	41	42	47	38	64	32	44	53	42	32	39	32	35	42	37	34	34	48	42	..	..	..	39.8
	Minimum	26	24	17	12	21	29	30	24	33	28	22	25	32	29	17	15	30	26	22	28	14	11	26	29	21	27	32	27	..	..	..	24.2
Hawley-0.5 E	Maximum	40	38	27	25	32	42	44	36	39	38	38	39	39	60	37	37	48	39	24	33	27	35	36	32	31	22	34	37	..	..	..	36.0
	Minimum	24	11	14	3	3	24	27	14	19	23	10	20	23	33	9	7	31	20	6	21	7	−10	22	8	13	3	21	28	..	..	..	15.5
Hewitt-2 SW	Maximum	50	40	35	39	33	40	42	50	48	41	43	46	46	54	33	58	58	44	38	38	43	42	48	40	58	63	50	59	..	..	..	45.5
	Minimum	24	15	13	6	25	26	30	15	25	15	10	15	22	30	10	12	20	20	28	19	14	24	23	20	22	31	22	21	..	..	..	19.9
Holtwood[1]	Maximum	38	43	29	32	32	46	40	43	38	39	41	46	40	64	32	41	54	43	34	40	34	39	45	35	35	43	63	42	..	..	..	41.1
	Minimum	26	26	19	14	25	32	29	28	34	33	27	25	32	32	19	19	30	28	25	32	19	19	30	32	25	31	36	30	..	..	..	27.0
Huntingdon	Maximum	39	38	28	34	29	37	42	44	39	39	36	49	40	56	31	52	48	42	32	38	32	40	41	37	33	41	43	42	..	..	..	39.4
	Minimum	24	17	9	5	25	28	29	17	32	28	12	21	32	30	13	12	31	30	19	26	12	5	27	29	18	24	30	25	..	..	..	21.8

Continued on page 15.

Daily Temperatures for February 1946—Continued from page 14.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	32	33	26	39	37	52	39	45	44	37	33	41	45	58	29	51	50	35	34	34	24	46	46	35	32	54	50	47				40.4
	Minimum	15	25	8	9	29	33	29	20	36	22	15	25	36	27	6	12	34	26	25	26	9	16	32	30	15	24	33	24				22.9
Irwin	Maximum	35	35	30	39	44	52	41	45	45	40	36	46	46	58	31	53	53	43	41	36	35	54	54	35	35	52	51	40				43.0
	Minimum	18	18	8	9	33	40	26	18	39	23	17	18	37	30	8	15	38	24	24	28	15	22	31	32	16	28	34	22				24.1
Jamestown/-2 NW	Maximum	37	27	25	40	48	55	30	46	45	33	34	47	64	40	23	52	39	34	40	30	30	42	36	35	35	55	38	19				39.3
	Minimum	15	15	6	5	11	31	20	10	17	18	10	16	30	35	5	5	20	19	18	26	−2	4	26	26	12	13	25	23				16.4
Johnstown/	Maximum	39	35	25	41	36	44	32	52	45	36	33	51	63	43	14	57	45	40	35	34	32	52	39	35	35	55	50	40				40.6
	Minimum	20	21	13	9	11	33	26	23	27	27	19	21	33	40	9	10	22	30	27	30	15	18	24	26	18	20	35	28				22.7
Kane[1]-1 N	Maximum	24	28	17	32	27	41	31	39	39	28	30	41	43	56	24	48	41	28	38	29	25	40	33	33	22	44	42	36				34.2
	Minimum	8	9	−9	−11	24	25	18	−4	26	6	2	22	32	20	−2	7	25	11	11	12	−9	−4	27	16	9	16	29	18				12.1
Lancaster	Maximum	43	46	40	35	32	46	47	43	42	40	43	42	44	65	42	38	56	48	43	40	35	37	46	42	33	40	56	47				43.2
	Minimum	26	19	15	9	15	27	27	21	24	27	19	19	27	35	17	14	21	21	20	29	11	3	22	29	19	18	31	30				21.2
Lawrenceville	Maximum	33	31	21	29	32	44	36	41	42	35	37	45	44	55	30	42	45	32	29	34	26	36	35	42	38	36	38	35				36.5
	Minimum	21	18	12	9	10	25	25	11	30	20	15	20	33	30	7	5	32	15	10	23	4	5	26	26	12	14	22	24				17.6
Lebanon	Maximum	36	42	27	32	32	42	38	45	38	32	41	46	56	66	20	42	54	41	34	39	32	37	43	36	31	35	45	42				39.4
	Minimum	27	22	15	9	16	22	30	22	23	29	18	22	25	33	20	14	20	26	19	20	16	8	18	28	20	19	24	32				21.1
Lewistown-2 SW	Maximum	37	38	29	35	29	37	43	45	38	40	39	50	55	58	19	50	48	42	37	38	34	43	41	38	33	39	44	44				40.1
	Minimum	22	22	14	10	23	27	30	19	30	29	19	24	34	33	18	12	16	27	21	22	17	10	16	29	19	18	25	32				§22.1
Lock Haven[6]	Maximum	35	34	30	30	29	38	40	41	38	37	39	47	42	60	32	47	47	41	31	36	34	35	40	40	35	35	40	44				38.5
	Minimum	20	17	15	3	18	22	30	11	32	15	12	26	33	31	12	12	32	27	17	24	13	9	30	28	12	21	32	31				20.9
Marcus Hook[1]	Maximum	48	60	41	31	36	53	47	44	45	44	44	52	58	72	47	52	72	59	45	54	47	50	47	48	48	58	75	59				51.3
	Minimum	32	29	21	15	24	31	35	30	36	33	27	30	39	35	20	21	35	20	25	34	25	26	31	35	28	29	34	35				29.1
Martinsburg[1]	Maximum	34	34	22	32	28	40	39	45	42	33	30	44	47	50	27	50	45	37	30	32	27	40	38	34	28	51	51	38				37.4
	Minimum	17	14	8	7	24	26	25	16	33	21	9	22	33	24	7	11	30	23	23	21	10	8	32	21	16	22	34	26				20.1
Mauch Chunk-1 SW	Maximum	40	36	32	26	27	36	40	35	35	37	36	40	38	57	38	35	47	47	32	38	34	33	36	34	34	30	44	44				§37.2
	Minimum	23	13	14	7	7	24	25	18	28	24	14	22	28	24	15	11	18	25	12	23	11	−2	16	20	20	8	29	28				§18.0
Meadville/-1 S	Maximum	33	25	22	35	42	46	26	42	40	31	30	44	57	38	19	50	35	31	35	31	29	40	35	34	31	45	35	36				35.6
	Minimum	15	16	10	3	7	31	20	2	6	20	11	13	30	37	4	5	20	18	18	26	−2	−2	25	26	13	13	28	22				15.7
Mercer[1]-2.5 NE	Maximum	31	32	23	35	38	48	32	42	43	30	28	44	46	57	26	48	39	30	35	30	26	42	35	33	24	46	43	36				36.5
	Minimum	14	11	7	6	29	31	20	17	23	18	12	28	39	24	4	13	25	19	21	16	4	17	28	18	12	23	26	23				18.9
Middletown[1]-1.5 W	Maximum	37	41	30	32	30	38	42	42	38	40	41	46	39	65	35	42	53	42	32	38	31	37	42	37	32	36	46	42				39.5
	Minimum	24	22	15	10	18	28	29	22	28	28	20	20	32	20	16	15	28	23	21	28	10	6	21	28	20	24	31	27				21.9
Midland[6]	Maximum	35	37	25	39	45	57	40	48	42	34	31	44	50	61	40	50	44	36	40	35	34	52	40	36	32	55	47	40				41.8
	Minimum	18	18	11	15	35	35	25	19	31	23	17	17	31	36	15	36	41	20	26	28	14	30	29	33	18	36	42	29				23.4
Montrose/-3 E	Maximum	27	32	15	20	31	40	30	34	34	26	31	36	52	56	15	36	41	20	26	28	−1	−1	4	19	11	10	10	24				30.8
	Minimum	19	19	7	0	0	15	28	10	10	18	7	7	21	29	12	0	4	12	8	8												11.1
Mt. Pocono[1]-2 N	Maximum	31	33	21	25	20	42	42	39	36	36	35	39	38	54	30	32	42	28	24	30	21	32	33	32	28	35	45	37				33.6
	Minimum	19	11	2	1	6	19	21	11	24	17	8	18	26	23	−2	−1	25	9	7	14	3	4	14	14	8	4	27	16				12.6
New Bloomfield	Maximum	36	38	35	31	27	36	40	43	40	35	40	46	10	59	36	43	41	50	31	38	33	37	40	32	37	36	55	46				39.3
	Minimum	24	17	12	5	16	25	28	16	26	28	12	20	30	34	12	9	24	30	17	26	14	0	20	17	17	21	30	30				20.0
Newburg[1]-3.5 NW	Maximum	38	40	32	36	27	40	38	46	42	40	43	46	42	46	28	43	53	42	30	40	38	42	48	40	36	42	52	44				40.5
	Minimum	22	22	14	12	24	28	30	19	32	26	16	20	31	26	14	13	26	24	22	28	12	12	20	30	20	26	32	26				22.4
New Castle-1.5 N	Maximum	36	35	27	38	37	55	39	45	45	38	33	45	45	60	31	52	50	38	39	35	31	53	36	32	32	53	49	41				41.1
	Minimum	17	23	8	9	33	36	24	21	34	21	14	27	37	28	8	14	31	23	22	28	10	20	30	10	15	26	34	26				22.5
Palmerton[1]	Maximum	31	39	25	31	26	44	35	39	35	35	37	42	38	62	29	35	49	34	28	37	27	32	38	31	29	29	41	41				35.7
	Minimum	22	19	10	9	12	26	27	20	31	25	15	19	32	29	13	13	23	18	14	24	7	2	19	24	14	13	27	21				18.9
Park Place[1]-1 NW	Maximum	27	34	20	23	21	39	31	37	35	32	33	38	37	51	22	33	44	29	27	32	21	29	34	30	25	35	45	35				32.1
	Minimum	17	10	4	2	10	21	20	12	27	17	11	17	27	21	4	5	25	10	8	17	6	8	20	21	13	13	28	22				14.7
Phila. Arpt.[1]-7 SW	Maximum	38	45	31	33	33	52	40	43	41	40	41	44	48	67	33	39	57	41	37	41	32	40	43	39	34	48	70	43				42.6
	Minimum	29	27	19	12	20	31	31	26	33	33	26	24	28	33	18	16	31	26	22	32	22	22	29	31	27	26	32	32				26.4
Philadelphia C.O.[1]	Maximum	38	45	32	35	32	54	42	45	42	42	45	51	66	35	39	56	42	37	41	32	40	45	39	34	47	70	44					43.3
	Minimum	30	27	19	13	22	31	33	28	34	32	27	29	34	35	19	19	37	26	22	32	20	23	31	33	26	25	32	34				27.6
Phila. Shawmont	Maximum	47	45	42	32	33	48	50	42	42	41	42	46	42	66	43	39	57	50	38	41	36	40	40	42	35	43	68	46				44.1
	Minimum	30	20	20	12	17	30	31	22	26	30	24	21	30	40	20	16	30	25	21	31	21	16	32	26	26	23	31	32				25.1
Philipsburg[1]-7 E	Maximum	27	33	19	27	23	36	34	37	42	30	28	40	45	50	23	48	44	34	26	30	21	38	35	32	23	44	46	33				33.9
	Minimum	13	10	5	−3	19	23	21	12	28	16	3	23	34	21	5	6	25	16	16	18	0	−2	29	19	11	15	30	18				15.4
Phoenixville-1.5 SE	Maximum	48	47	47	41	39	54	57	50	40	39	44	47	42	68	44	42	57	59	37	41	34	36	44	45	41	47	61	51				46.3
	Minimum	29	17	18	7	11	29	30	23	21	30	20	19	24	37	19	12	25	23	18	31	19	6	20	26	25	18	31	26				21.9
Pittsburgh Arpt.[1]-7.5 SE	Maximum	36	34	25	39	44	55	39	47	47	34	28	45	54	61	27	54	44	37	40	33	32	52	38	34	30	55	53	42				41.4
	Minimum	17	16	9	12	32	37	25	20	30	23	18	28	40	25	7	15	28	25	26	23	17	24	34	20	15	27	32	27				23.3
Pittsburgh City Office[1]	Maximum	37	37	26	40	48	56	41	50	51	36	32	45	57	63	26	54	47	37	43	35	34	55	40	37	32	57	55	42				43.4
	Minimum	17	20	14	15	36	40	28	25	32	25	20	30	43	25	10	21	32	30	30	26	18	26	36	25	18	31	35	29				26.3
Port Clinton/	Maximum	39	39	28	30	35	42	40	41	41	32	38	44	57	59	24	42	51	36	35	38	27	36	39	32	32	37	50	41				38.8
	Minimum	26	18	16	8	9	20	30	22	26	29	17	24	29	32	17	14	23	25	16	19	16	3	14	20	20	18	26	32				20.3
Putneyville-2.5 SE	Maximum	28	34	24	32	32	47	37	45	45	35	26	43	45	58	26	48	48	35	32	32	26	41	50	35	27	50	44	38				38.1
	Minimum	13	22	8	2	26	29	21	18	32	12	10	22	30	25	5	8	28	21	24	23	7	5	30	25	13	20	30	22				19.0
Quakertown-0.5 E	Maximum	44	43	34	36	28	48	49	38	38	38	39	42	40	63	39	37	52	47	34	38	32	33	39	37	33	35	45	41				39.9
	Minimum	24	18	15	16	8	26	29	20	22	29	18	16	27	35	15	12	21	27	14	25	14	−1	16	21	22	13	28	31				20.0
Reading[1]	Maximum	37	42	30	33	31	52	40	43	39	38	42	46	45	66	31	40	54	42	31	39	31	36	44	34	32	37	48	44				40.2
	Minimum	28	24	18	11	19	30	32	25	34	31	23	28	35	31	16	16	32	24	20	29	18	13	26	29	22	25	32	30				25.0
Ridgway/	Maximum	31	29	25	35	35	43	32	43	41	32	33	45	59	47	15	49	40	37	32	33	50	42	35	35	26	47	43	39				37.6
	Minimum	14	11	7	−3	−3	23	21	2	1	18	7	7	26	37	7	5	9	20	14	22	6	−1	14	26	14	12	25	22				13.0
Scranton[1]	Maximum	32	38	22	26	34	46	36	36	39	36	37	43	41	62	31	39	47	31	28	33	21	37	34	33	28	35	47	38				36.1
	Minimum	25	18	8	8	12	27	24	17	31	23	15	25	35	31	8	8	30	16	14	20	8	3	20	18	15	14	34	24				19.0
Selinsgrove	Maximum	39	38	32	28	27	39	39	41	38	38	40	45	41	58	36	40	49	44	34	38	33	38	39	38	35	35	45	43				38.9
	Minimum	22	18	13	5	12	25	27	13	24	25	12	20	32	33	13	11	27	24	17	26	22	1	24	25	15	20	30	30				20.2
Somerset	Maximum	31	33	25	39	33	46	35	48	41	39	28	47	48	57	25	52	45	40	35	33	29	47	45	33	28	52	54	38				39.3
	Minimum	15	25	5	−1	26	30	22	14	36	28	12	19	29	25	5	9	34	25	20	23	13	7	30	26	12	22	34	25				20.2
Springs[6]-1 SW	Maximum	30	33	24	38	29	44	34	48	41	36	26	41	44	56	25	49	42	37	29	33	29	45	48	31	27	50	54	37				37.7
	Minimum	16	23	5	2	25	28	12	7	30	22	12	18	26	20	0	8	32	23	21	21	12	18	30	20	10	24	30	25				18.6
State College[1]	Maximum	33	36	27	32	27	39	33	41	42	37	34	45	43	55	25	43	46	30	28	33	28	40	35	37	29	40	49	39				36.6
	Minimum	19	19	11	7	22	27	20	18	37	25	15	30	37	25	8	15	30	28	20	21	11	16	34	24	16	23	33	28				22.1
Stroudsburg-2 E	Maximum	44	41	36	36	32	41	48	43	41	38	42	45	44	63	44	38	51	46	34	42	37	35	42	43	34	31	40	43				41.2
	Minimum	27	17	14	5	9	27	27	17	24	26	15	19	27	34	17	8	22	24	12	25	12	−1	20	18	21	10	25	27				18.9
Tamarack/-2 S	Maximum	37	27	21	29	25	34	24	37	38	28	36	40	52	51	9	48	43	33	26	29	27	35	36	36	26	42	43	37				33.9
	Minimum	16	16	7	0	0	16	22	11	11	15	8	8	23	35	6	3	6	18	11	14	5	5	15	23	6	6	18	23				12.4
Tionesta/-1.5 SE	Maximum	32	24	20	35	36	45	26	42	39	38	28	44	58	41	24	50	35	33	33	28	25	40	35	35	27	46	40	36				35.5
	Minimum	15	15	8	−2	0	26	21	10	13	19	8	12	26	38	5	8	31	18	16	26	8	3	29	23	15	16	25	22				16.2
Titusville-2 S	Maximum	26	31	22	33	33	44	36	39	41	34	27	43	42	55	27	48	48	28	29	29	25	37	35	32	25	43	44	36				35.4
	Minimum	13	18	5	−4	26	29	19	7	31	18	7	19	35	25	3	7	28	16	16	23	6	6	28	24	12	15	32	21				17.3
Towanda-1 E	Maximum	36	36	28	29	33	45	41	36	41	38	39	44	41	59	31	41	48	34	30	37	26	33	35	40	34	37	39	39				37.5
	Minimum	23	19	14	5	8	27	25	14	26	23	10	21	30	30	7	6	33	14	9	23	7	−8	27	23	15	13	27	28				17.8
Tunkhannock	Maximum	42	37	29	26	31	45	45	37	40	39	37	41	40	62	37	38	48	36	28	34	29	38	36	34	30	36	46	39				37.9
	Minimum	24	19	14	5	6	23	26	15	25	23	11	19	33	35	9	3	33	19	8	22	6	−10	26	12	15	5	33	28				17.4

Continued on page 16.

Daily Temperatures for February 1946—Continued from page 15.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum..	38	41	33	46	48	59	40	48	48	42	35	49	51	64	30	55	51	46	39	41	37	55	49	36	35	57	60	43				45 6
	Minimum..	20	30	11	15	35	38	28	17	41	27	20	25	35	30	9	15	38	21	29	27	18	26	35	32	18	30	35	30				26. 2
Vandergrift[1]	Maximum..	38	32	28	38	42	58	43	48	47	38	32	48	58	62	29	54	46	40	43	38	33	52	41	37	31	55	52	43				43. 1
	Minimum..	19	16	12	10	33	38	27	21	31	24	16	29	35	27	9	18	28	25	23	28	15	22	27	24	18	28	35	29				23. 8
Warren	Maximum..	29	31	22	36	40	43	36	42	42	33	30	45	45	57	26	52	45	32	32	32	28	42	37	36	34	45	44	39				37. 7
	Minimum..	15	14	8	− 2	28	27	21	7	27	20	10	22	36	24	3	11	26	11	16	21	7	6	28	27	12	17	31	21				17. 6
Waynesburg	Maximum..	37	36	32	41	47	55	39	45	48	40	33	48	47	60	28	55	51	45	43	41	35	54	52	52	34	57	60	43				44. 9
	Minimum..	27	29	8	12	34	39	26	15	40	24	18	24	36	28	7	12	39	21	16	25	16	25	29	19	6	10	24	18				22. 4
Wellsboro/	Maximum..	31	31	22	32	29	38	28	44	40	31	39	45	51	53	15	46	46	31	30	32	24	38	32	40	26	38	35	40				35. 2
	Minimum..	19	18	12	0	2	22	27	10	10	16	13	13	27	35	14	6	12	17	9	14	6	− 7	8	25	10	9	20	25				14. 0
West Chester	Maximum..	42	41	35	33	30	40	42	43	39	38	42	46	41	67	32	41	46	42	33	41	30	39	43	36	33	41	68	46				41. 2
	Minimum..	27	25	17	11	21	28	32	24	30	31	24	23	29	32	18	15	31	26	20	29	19	18	27	31	22	24	31	33				24. 9
Wilkes-Barre[1]. Apt. -3N.	Maximum..	31	37	25	28	31	46	37	37	40	35	38	43	39	59	28	29	49	31	31	37	26	36	37	33	30	35	45	38				36. 1
	Minimum..	20	19	9	8	11	28	25	18	30	22	15	22	34	28	7	5	25	15	13	22	4	− 1	19	21	13	12	33	24				17. 9
Williamsport Arpt.[1]-4 E	Maximum..	34	34	26	31	28	39	35	38	38	33	38	44	41	56	32	40	47	35	29	36	31	34	36	37	30	36	44	43				36. 6
	Minimum..	21	18	11	4	16	28	27	19	33	22	8	26	35	29	11	12	25	19	14	22	3	1	28	27	12	18	33	25				19. 5
Williamstown	Maximum..	40	39	33	37	28	38	41	45	39	39	40	47	42	60	35	42	49	45	35	37	30	38	40	37	35	34	57	47				40. 3
	Minimum..	24	18	13	6	11	25	26	21	26	30	12	25	30	35	13	12	24	22	18	26	14	4	26	25	17	22	31	31				21. 0
Woodward Apt[1]-2 NE.	Maximum..	27	28	18	27	22	34	31	37	37	36	32	40	41	52	24	39	41	33	25	28	24	33	32	34	23	39	50	35				32. 9
	Minimum..	13	10	6	1	16	19	19	14	28	14	11	18	31	19	5	5	25	14	12	22	6	13	23	19	8	16	29	23				15. 7
York-3 SW	Maximum..	48	44	38	37	32	45	47	47	45	40	44	48	43	65	40	46	56	48	56	40	36	44	49	40	35	44	70	60				46. 0
	Minimum..	28	19	14	10	22	29	29	20	29	30	28	20	32	37	17	15	27	22	22	31	19	8	22	32	21	25	32	31				24 0

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30. 70	3	29. 07	14	10. 4	36	sw.	14	85	78	82	40	1021
Harrisburg	30. 67	4	29. 35	14	9. 9	43	sw.	14	69	55	66	56	926
Philadelphia	30. 67	4	29. 34	14	8. 2	25	sw.	14	69	52	62	55	829
Philipsburg	30. 64	4	29. 32	14	.....	36*	nw.	7	81	70	75	.....	1127
Pittsburgh	30. 64	4	29. 26	14	12. 8	47	nw.	15	76	66	70	46	918
Reading	30. 67	4	29. 37	14	13. 5	51	s.	14	66	.....	.....	49	908
Scranton	30. 69	4	29. 30	14	8. 0	30	nw.	20	77	65†	....	48	1051

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. ª One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3. 0	4. 3	16	2. 3	24†	18
Easton	Delaware	2. 6	3. 6	17	1. 9	26	22
Lehighton	Lehigh	3. 2	3. 7	28	3. 0	26	9
Reading	Schuylkill	4. 1	8. 4	28	3. 3	21	13
Wilkes-Barre	N. Br. Susquehanna	3. 6	8. 1	28	2. 9	23	22
Williamsport	W. Br. Susquehanna	1. 8	10. 6	28	1. 2	5†	20
Newport	Juniata	4. 4	7. 1	28	3. 7	6	22
Harrisburg	Susquehanna	5. 0	8. 0	21	3. 8	11	17
Schenley, (nr) Lock No. 5.	Allegheny	13. 1	20. 0	28	12. 6	5	24
Sutersville	Youghiogheny	4. 5	8. 7	28	3. 7	4	20
Charleroi (nr.), Lock No. 4	Monongahela	14. 6	19. 2	15	11. 6	1	30
Pittsburgh	Ohio	*	*		*		25
Midland, Dam No. 7	Ohio	*	22 2	28	*		30

* Pool stage. † On other days also.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras								4	3											1	1								1		
Fog, heavy						6	11			6		1		7	5	1				4	3			1	4	1	2	10			
Frost, killing																															
Glaze				23	25			3				3								2	2		2	11			7	4			
Hail																															
Rain, heavy																															
Sleet			1	14	12			2	9			1	7	2						8	3		4	1	4		6	2			
Snow, heavy																			20												
Thunderstorms																												3			
Winds, high	21	3	6	12		3	10	2	7	3		3		3	4	4	4	6	5		6	3	0	17			4	11	4	3	

List of Changes in Station Designations

For more exact location of the equipment, station names have been changed as follows:

Neffs Mill formerly Shaver Creek (Evaporation)

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
ª, ᵇ, ᶜ, etc. Number of days missing, for example, ᵇ indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

(W. B. O., Philadelphia—5-2-46—975)

551.05
UNP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

JUN 1
UNIVERSITY

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LI. MARCH 1946. No. 3.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
REMIT DIRECTLY TO SUPERINTENDENT OF DOCUMENTS WASHINGTON, 25 D. C.

GENERAL SUMMARY.

Only March 1921 and 1945 were warmer than the current one, and they, as record highs, were only slightly warmer. Extreme western stations, rather generally, and Freeland and Montrose in the east reported the highest March mean temperatures of record. This is the first occurrence in 59 years of record where one exceptionally warm March was followed by another having the same unusually high temperature. A logical consequence of the warm weather has been the absence of snow. The monthly average was the least for March since 1903 and is the second lowest of record. The month was favorable for plant growth. Although fruit trees are not quite so far advanced as last year, they are, at the close of the month, about four weeks early and show more consistent development throughout the State. Under the most favorable conditions farmers have made greater strides in plowing and seeding this year. However, cautious expectation was the keynote, since damaging April frosts are always a definite threat to an early season.

Rivers were rising as February closed, and they were cleared of ice by the first days of March. Moderate rains between the 6th and 9th, augmented by the melting of the little snow remaining at that time, caused the rivers to rise to their crests for the month. Fortunately, they were under flood stage, and another spring freshet season was at end without serious flooding.

The storm of the 9th was the most violent experienced during the month, as a low pressure system, forming in Kansas, moved northeastward rapidly. Its attending cold front with strong winds, upon crossing the State early that day, left minor destruction at a large number of places. Reports were received of a two-room dwelling being overturned with one of its occupants in it at Hardwich, Allegheny County; the roofs of five barns were ripped off in the vicinity of Center Hall, Center County, and many other reports of minor damage and fallen trees areas in the southeastern counties.

A secondary highlight to that of the warmth of the season were the auroral displays of the 23d to 28th. That of the 23d was unusually active and brilliant in its early stages—shortly after evening dusk—showing much red, finally green, and at times extending into the southern portion of the sky. The display of the 28th noticeably affected communication facilities. The aurora borealis in its full splendor is not too frequently seen from our well-lighted cities in the State, and its cause is even less comprehended. The most common explanation given for auroras is that electric discharges associated with, and probably from, sunspots during their maximum activity reach the rarified air at an average altitude of 60 to 70 miles. The discharge illuminates this region and we see its manifestation taking the form of red, yellow, green, and even white arcs or arches, parallel bands or rays and curtains, seemingly emanating from a point near the northern horizon. The fan-shaped effect is attributed to the phenomenon of perspective, as one looking along the railroad tracks sees them converge on the horizon. The electric discharges reach the earth and interrupt the earth's magnetic field, the voltage of which is known, and to which all telegraphic equipment is adjusted. Thus, the aurora throws the electrical circuits of this type of equipment off balance, and considerable publicity is given the failure of communication facilities during periods of auroral display—or should we say sunspot activity?

TEMPERATURE.

The average temperature for the State as deduced from the reports of 86 stations was 47.1°, which is 9.3° above the 59-year normal for March. The highest monthly mean was 53.0° at Donora, and the lowest was 41.4° at Kane. Extremes ranged from a maximum of 84° at Emporium on the 28th, to a minimum of 6° at Hawley and Kane on the 1st and 10th, respectively.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 216 stations, was 3.18 inches, which is 0.34 inch below the 59-year normal for March. The greatest monthly amount was 5.17 inches at Williamsport(4SE), while the least was 0.73 inch at Austinburg. The greatest amount recorded in any 24 consecutive hours was 1.70 inches at West Newton on the 14-15th.

The average snowfall for the State was 0.3 inch ,which is 7.4 inches below the 59-year normal. The greatest monthly snowfall was 2.5 inches at Kane. The greatest fall for any observational day was 1.5 inches at McConnellstown, Tamarack, and Williamsport(4SE) on the 2d, Curwensville on the 9th, and Freeland on the 11th.

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	31.2	72	−6	3.55	9.9	11	6	10	13
1889	39.0	76	4	2.90	3.1	9	10	8	15
1890	33.2	76	−21	5.15	17.5	16	6	10	15
1891	33.8	60	−14	5.10	15.8	14	7	8	16
1892	31.8	66	−4	4.14	18.8	12	11	7	13
1893	34.8	74	3	2.52	4.8	11	9	9	13
1894	43.2	84	−2	1.63	1.3	8	12	11	8
1895	33.8	70	−4	2.31	9.0	11	10	10	11
1896	30.6	69	−18	4.51	21.1	11	11	8	12
1897	39.0	75	−5	3.22	3.4	1	11	7	13
1898	44.0	83	4	4.31	3.6	12	10	8	13
1899	36.3	75	3	4.87	7.9	14	5	9	17
1900	31.2	66	−23	3.61	13.1	10	10	9	12
1901	37.4	80	−11	4.14	3.3	13	7	10	14
1902	41.3	78	2	3.98	12.6	11	10	9	12
1903	46.4	83	14	4.52	0.1	11	10	7	14
1904	36.0	80	−2	4.29	4.7	12	9	8	14
1905	39.0	86	−18	3.86	4.1	11	12	8	11
1906	31.7	68	−13	4.46	20.4	14	8	7	16
1907	41.8	92	−10	4.26	9.3	12	11	8	12
1908	40.7	83	−4	4.76	3.7	12	11	8	12
1909	35.6	74	−5	3.07	7.3	12	10	9	12
1910	44.9	88	5	0.56	1.0	5	15	10	6
1911	35.0	73	−18	2.57	10.1	13	11	8	12
1912	33.6	72	−8	5.05	6.9	13	10	8	13
1913	42.1	81	−7	5.27	2.1	13	9	8	14
1914	34.2	79	−12	2.61	13.4	10	10	8	13
1915	32.9	62	−4	1.28	9.5	7	15	8	8
1916	30.7	84	−31	4.12	17.6	12	12	8	11
1917	37.3	84	−12	3.68	12.7	14	11	8	12
1918	41.6	82	0	2.34	1.5	8	17	7	7
1919	41.1	79	6	3.57	2.4	10	15	7	9
1920	38.7	80	−11	2.83	6.4	9	16	7	8
1921	48.0	88	7	3.33	1.0	14	12	9	10
1922	40.0	81	−5	4.37	6.1	14	11	6	14
1923	37.0	80	−8	2.49	6.2	11	13	8	10
1924	36.1	78	3	2.83	10.3	9	12	9	10
1925	40.9	79	−15	2.56	2.2	10	14	6	11
1926	33.1	79	−16	1.91	4.0	10	14	8	9
1927	42.0	82	−6	2.61	0.7	10	13	7	11
1928	37.0	82	−3	3.24	14.5	11	12	9	10
1929	43.7	89	−5	2.69	4.4	12	12	8	11
1930	37.9	78	−9	3.03	4.9	10	13	7	11
1931	36.3	69	10	2.96	6.6	11	8	7	16
1932	33.4	72	−8	4.41	14.7	11	10	8	13
1933	36.6	79	−7	5.33	5.6	14	8	7	16
1934	34.9	78	−22	2.96	7.7	12	12	7	12
1935	42.8	83	−6	2.62	2.9	12	11	7	13
1936	42.6	84	−3	6.84	7.4	15	9	7	15
1937	34.2	67	−3	2.00	8.3	10	11	8	12
1938	42.7	87	−5	3.19	2.0	14	10	8	13
1939	38.6	85	−10	3.59	3.8	12	11	8	12
1940	32.4	76	−13	4.89	7.9	14	8	7	16
1941	31.8	67	−10	2.10	18.0	9	13	7	11
1942	40.0	76	4	4.47	16.1	13	9	8	14
1943	37.2	85	−15	2.74	7.2	10	11	9	11
1944	34.4	79	−6	4.69	11.8	14	8	9	14
1945	48.0	91	5	3.88	2.1	14	13	8	10
1946	47.1	84	6	3.18	0.3	11	13	7	11
Period	37.8	92	−31	3.52	7.7	12	11	8	12

Climatological Data for March 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	46.3	+8.6	79	28	20	12	3.15	−0.30	0.99	26	T.	10	12	9	10	e.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	47.2	+9 8	76	28	19	12	3.41	+0.19	0.79	11	0.4	13	18	5	8	e.	City of Altoona.
Burnt Cabins-2 NE	Fulton	1,450	6	44.3	.....	77	28	19	10†	3.94	.....	1.11	8-9	T.	13	13	5	13	s.	Penna. Turnpike Comm.
Canton-1 NW	Bradford	473	77	49.3	+10.5	78	28	21	12	3.20	.....	0.82	7	T.	12	12	10	9	sw.	Mrs. E. Dillon Stone.
Carlisle	Cumberland	600	50	48.0	+8.0	77	28	20	12	3.45	−0.07	0.75	14-15	T.	12	17	1	13	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	431	58	48.2	+8.3	77	28	22	12	3.26	0.00	0.70	14-15	T.	11	14	4	13	sw.	Charles A. Bender.
Coatesville	Chester	600	50	48.0	+8.0	77	28	20	12	3.19	−0.94	0.72	18	0	9	17	3	11	sw.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	3	43.6	.....	75	28	17	11	3.33	.....	0.68	14-15	2.3	13	6	8	17	e.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	42.3	.....	75	28†	19	10†	4.68	−0.10	1.45	8-9	1.4	10	11	8	12	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,020	4	42.3	.....	75	28†	19	10†	4.53	+0.93	1.18	26	0.7	11	9	8	14	se.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,125	8	46.2	.....	74	28	24	10	2.37	−1.27	0.74	14-15	T.	9	17	3	11	n.	R. E. Palmateer.
Ephrata	Lancaster	1,100	59	44.5	+9.2	84	28	14	12	3.62	+0.16	0.89	18	0	12	17	5	9	ne.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	49.4	+9.1	78	28	23	12	3.07	−0.23	0.84	26	0	10	12	18	1	w.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	46.4	+13.4	74	28	19	1	4.91	+0.95	0.85	8	1.5	12	8	2	21	w.	Andrew B. Evansha.
George School	Bucks	184	39	48.0	+7.4	79	28	20	12	3.82	+0.37	1.07	18	T.	12	15	9	7	w.	George M. Hart.
Gettysburg	Adams	500	72	50.5	+10.0	78	28	22	12	2.53	−0.80	0.83	15	T.	12	16	4	11	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	45.4	+8.6	79	28	16	1†	4.33	+0.38	0.82	15†	0	12	15	6	10	ne.	Miss Sallie M. Johnson.
Hanover	York	600	41	50.1	+8.1	80	28	25	12	3.18	+0.14	0.89	14-15	T	13	9	6	16	se.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	48.8	+9.9	80	28	25	12	2.54	−0.86	0.69	14-15	T	9	20	4	7	w.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	44.5	+10.1	82	29	6	1	2.33	−0.86	0.78	15	T	11	15	5	11	s.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	49.2	+8.0	75	5†	27	1	1.99	−1.10	0.65	14-15	1	11	15	5	11	s.	Penna. Water & Power Co.
Huntingdon	Huntingdon	700	58	45.8	+7.1	81	28	15	13	4.23	+0.68	0.90	26-27	0.2	11	16	4	11	w.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	58	48.8	+8.9	79	28	19	12	3.79	+0.30	0.79	26	T.	15	18	5	8	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	45.2	+10.5	80	28	17	1	1.80	−0.63	0.48	14-15	0	5	13	10	8	.....	Carlos P. Darling.
Lebanon	Lebanon	469	61	48.4	+9.2	80	28	26	1†	3.63	0.00	0.93	26	T.	9	17	5	9	se.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	7	46.8	.....	83	28	22	12	3.92	.....	1.08	26-27	T.	9	11	8	12	e.	American Viscose Co.
Lock Haven	Clinton	557	54	48.2	+9.7	83	28	20	12	4.96	+1.48	1.15	14-15	T.	12	16	4	11	w.	William R. Kelley.
Marcus Hook	Delaware	12	19	.....	.....	83	28	28	12	3.00	−0.75	1.23	18	0	9	18	6	7	sw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	46.0	.....	76	28	21	1†	4.28	.....	1.20	26	T.	12	11	7	13	s.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	40	42.8	+10.9	75	28†	16	1†	2.34	−0.46	0.66	8-9	T.	10	12	9	10	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	42.3	+10.4	75	28†	11	12	3.75	−0.11	0.92	15	0.5	8	9	9	13	w.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	41.8	+6.5	77	28	15	1	2.81	−0.28	0.76	26	T.	10	17	6	8	ne.	New Jersey Zinc Co.
Philadelphia	Philadelphia	10	4	51.5	+10.7	77	28	30	12	2.70	−0.69	1.08	18	T.	10	13	5	13	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	42.2	.....	75	28	13	12	4.33	.....	0.97	14-15	1.1	13	6	8	17	s.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	36	48.6	+7.3	81	28	16	12	3.75	+0.10	0.63	26	0	12	18	5	8	e.	Phila.-Suburban Water Co.
Port Clinton††	Schuylkill	407	7	45.4	+6.9	77	28†	18	1†	4.11	+0.24	0.99	26	0	10	21	6	4	.....	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	47.1	+9.6	77	28†	16	12	3.64	−0.01	0.99	26	0	14	17	6	8	sw.	John E. Benner.
Reading	Berks	273	75	50.0	+9.4	80	28	25	12	3.26	−0.26	0.75	26	T.	14	12	7	12	se.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	47.2	+11.5	80	29	19	1	2.96	−0.24	0.78	8-9	T.	9	12	9	10	n.	U. S. Weather Bureau
Selinsgrove	Snyder	476	55	46.9	+8.2	77	28	18	12	4.43	+0.74	1.00	8-9	T	13	13	7	11	s.	Dr. George E. Fisher.
State College	Centre	1,217	60	47.4	+11.1	82	28	23	12	3.72	+0.36	0.81	14-15	0.5	13	12	5	14	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	46.8	+9.8	82	28	14	1	3.04	−0.74	0.84	26	0	12	16	5	10	w.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	5	43.4	.....	77	28	18	10†	2.93	.....	1.01	14-15	1.5	13	8	13	10	e.	James E. Swartz.
Towanda-1 E	Bradford	754	51	45.2	+10.0	81	28	16	12	2.68	+0.01	0.75	8-9	T	11	15	5	11	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	42.3	+9 4	81	28	15	12	2.23	−0.76	0.68	6-7	T.	10	6	8	17	w.	M. S. Bliss.
West Chester	Chester	440	96	49.6	+10.3	78	28	24	12	3.60	−0.35	0.95	17-18	0	14	15	8	8	sw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	7	46.8	.....	80	29	20	1†	3.87	.....	0 92	8-9	0.3	10	8	7	16	s.	U.S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	1	45 8	.....	81	28	19	12	4 57	...	1.19	8-9	T.	12	8	8	15	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	29	48.2	+9.4	80	28	17	12	4.26	+0.89	0.89	26	0	12	7	12	12	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	44.5	.....	76	28	21	10	4 56	.....	0.99	8-9†	0.8	11	10	6	15	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	50.6	+9.7	82	28	21	1†	2.75§	-0.55	0.78	14-15	0	14	18	1	12	s.	York Water Co.
Division mean			....	**46.8**	.....	**84**	**28**	**6**	**1**	**3.47**	.....	**1.45**	**8-9**	**0.2**	**11**	**13**	**7**	**11**	sw.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	48.0	.....	78	28	20	10†	3.67	−0.26	1.60	14-15	1.4	13	9	4	18	se.	U. S. Weather Bureau.
Bradford-1 W	McKean	1,680	28	43.1	+7.7	78	28	12	10†	2.36	−0 95	0.65	15	1.5	11	11	9	11	se.	City Water Dept.
Brookville Apt.-1.5SW.	Jefferson	1,400	55	44.7	+11.1	78	28	17	12	3.26	−0.01	0.70	14-15	1.0	12	7	7	17	e.	Civil Aeronautics Authority
Butler	Butler	1,077	32	49 2	+11.1	81	29	19	20	1.94	−1.60	0.97	14-15	0	7	16	10	5	nw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	46.5	.....	79	28	16	12	3.25	−0.57	0.78	24	0.5	12	10	6	15	e.	Penna. Electric Co.
Claysville	Washington	1,170	42	48.2	+7.5	79	28	16	10	2.55	−1.08	0.69	14	T.	11	14	7	10	sw.	Walter B. Paget.
Corry	Erie	1,410	31	45.4	+12.4	78	28	14	10	2.60	−0.88	0.56	6-7	0.5	9	16	12	3	w.	J. Fred Kinley.
Coudersport	Potter	1,653	21	44.2	+10 3	80	28	12	12	1.77§	−1.63	*0.64*	14-15	1.0	9	13	7	11	se.	Potter Enterprise.
Derry	Westmoreland	1,150	48	*50.1*	+10 1	.....	.....	21	12	2.73	−1.38	1.12	14-15	T.	9	16	9	6	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	45.8	.....	77	28	11	10	3.22	.....	0.94	26	T.	13	12	11	8	se.	Penna. Turnpike Comm.
Donora	Washington	761	19	53.0§	+10 4	80	28†	24	10	2.45	−1.22	1.05	14	T.	8	12	12	7	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	45.6	+10.1	75	28	19	12	3.19	−0.30	0.97	14-15	0.7	13	1	9	21	se.	John L. McGough.
Farrell	Mercer	855	32	51.8	+13.8	81	28	26	10†	2.13	−0.68	0.76	14-15	0	10	.....	.....	.....	ne.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	2	46.9	.....	79	28	12	10	3.22	....	0.88	14-15	T	12	17	3	11	se.	U.S. Engineers.
Franklin	Venango	987	71	46.6	+11 2	79	28	19	12	2.43	−1.00	1.02	24	1.0	9	13	7	11	se.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	49.8	+9.8	80	28†	15	12	3.21	−0.42	1.30	14-15	T.	12	15	5	11	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	50.3	+11.5	79	29	24	12	3.05	−0 87	1.18	14-15	1.0	10	20	7	4	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	47.6	.....	79	28	13	10	3.12	+0.20	0.88	14-15	.....	12	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	49.7	+10.5	81	28	22	12	3.11	−1.11	0.94	14-15	T.	12	18	2	11	se.	Johnstown Tribune Pub. Co.
Kane-1 N.	McKean	1,750	30	41.4	.....	77	28	12	10	2.33	−1.48	0.60	15	2.5	10	16	1	14	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	45.8	+11.0	78	28	14	10	2.14	−1.06	0.50	2	1.0	12	11	9	11	sw.	City of Meadville.
Midland	Beaver	780	9	49.6	+8.9	76	28	25	10	2.30	−1.55	0.59	14-15	T.	13	17	5	9	se.	Perry P. Campbell.
New Castle-1.5 N.	Lawrence	900	65	50.0	+12.9	78	28†	21	11	1.90	−1.19	0.58	14-15	0.4	12	14	7	10	s.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	12	51.2	+14.0	78	28	22	10	2.53	−0.50	1.19	14-15	0.1	12	8	8	15	s.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	46.2	.....	79	29	18	12	3.20	.....	0.67	15	T.	11	9	11	11	e.	U.S. Engineers.
Ridgway	Elk	1,385	38	42.8	+9.4	81	27†	13	12	2.38	−0.76	0.73	14-15	1.0	13	13	7	11	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	45.0	+9 1	76	28	15	10†	4.10	0.16	1.46	26	0.2	12	9	6	16	se.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	43.6	+7.7	72	28	13	10†	3.78	+0.08	0.90	26	0.6	16	8	9	14	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	44.0	.....	78	28	16	12	2.63	−0.98	0.77	24-25	0.9	11	18	2	11	s.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	46.9	.....	78	28	17	10	2.12	.....	0.75	24	0.4	10	6	21	4	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	52.8	+11.2	81	28	21	10	3.86	0.14	1.58	26	T.	11	14	12	5	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	50.2	+10.2	82	28	22	12	2.41	−0.82	1.05	14-15	0	9	16	14	1	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	57	46.3	+11.9	83	28	19	10	2.39	−0.88	0.40	24	T.	13	.....	.....	.....	e.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	50.6	+9.1	80	28	18	10	4.00	−0.21	1.25	14-15	T.	10	11	15	5	w.	Thomas S Knox.
Division mean			....	**47.4**	.....	**83**	**28**	**6**	**10**	**2.80**	.....	**1.70**	**14-15**	**0.5**	**11**	**13**	**8**	**10**	se.	
Lake Drainage										3.11	.....	0.59	24	.....	14	13	14	4	n.	Charles C. Gilbert.
Albion	Erie	900	2	.....	.....	.....	.....	.....	...	2.93	+0.31	0.69	6-7	0.3	13	6	13	12	ne.	U. S. Weather Bureau.
Erie	Erie	705	72	46.8	+13.3	75	29	24	11											
State mean			.....	**47.1**	**+9.3**	**84**	**28**	**6**	**1†**	**3.18**	**−0.34**	**1.70**	**14-15**	**0.3**	**11**	**13**	**7**	**11**	sw.	

[See page 24 for explanation of reference marks.]

Daily Precipitation for March 1946

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike			T.					.34	.43						.21	.14		.10							.12		.65					
Equinunk[2]	Wayne			.21					.35	.62	T.		T.			.19	.62		.03							.08		.22					1.99
Hawley[2], 0.5 E	Wayne			.06					.24	.51	T.					.23	.55		.04	.03						.09		.58			T		2.32
Hollisterville[2]	Wayne			.12			T.	T.	.31	.39	T.	T.				.15	.81		.11	.47				.01		.09		.55					2.33
Lakeville[2], 1 N	Wayne			.08					.13	.31						.11	.80		.08						.09			.57					3.01
Matamoras[2]	Pike								.32	.57						.07	.29											.64					§2.17
Milanville[2]	Wayne			.08					.29	.58						.13	.51									.10		.46					1.89
Mount Pocono[1], 2 N	Monroe		.09	T.			.50	.11	.65	T.	T.					.92		T.	.85	T			T	T.	T.	T	.60			.03	T.		2.15
Pecks Pond[2]	Pike			.03					.32	.53		T.				.32	.38	T.	.12	.14						T		.49					3.75
Pleasant Mount[1, 5], 1 W	Wayne		.18	.05			.60	.06	.65							.81		.10							.06	.04	.31	.61					2.33
Stroudsburg, 2 E	Monroe			.01			.06	.26	.43							.43	.02		.71	.02				T.	.24	.12	.72			.02			2.87
Tanners Falls[1, 5], 1 SE	Wayne		.13			.03	.28	.10	.55							.52		.08							.06	.05	.47	.03					3.04
Wind Gap[1, 5], 3 SW	N'rthampton		.04				.29	.15	.30							.64			.67						.40		1.08	.02		.05	.05		2.30
LEHIGH																																	3.69
Allentown Apt[1, 5], 4 NE	Lehigh		.03				.17	.11	.18		T.			T.	.60		T.	.50	T.						.49	T	.99		.04	.04			3.15
Allentown[2]	Lehigh			.02				.15	.41						.59	.03		.47	.15							.60		1.20		.13			3.75
Bethlehem[1]	N'rthampton		.04			T.	.15	.18	.31						.71		T.	.45						.54		1.00		.01	.10			3.52
Blakeslee Corners[1, 5]	Monroe						.54	.02	.60						.44	.05	.02	.33						.04	.01	.54	.03		.03				2.65
Gouldsboro[2]	Wayne			.27				.68	T.			.07			.33	.26			.79				.03		.09		.59					3.11
Lansford[2]	Carbon		.07					.54	1.28						.68	.22		.70	.16						.17		.85			.14		4.81
Mauch Chunk, 1 SW	Carbon		T.	.10			.15	.28	.68		T.				.83	.11	T.	.68						.05	.09	.04	.51			.03		3.55
New Tripoli	Lehigh		.06				.15	.21	.42		T.				.70	.09	.02	.63	.01					.19	.14	.59	.53			.13		3.87
Palmerton[1, 5]	Carbon		.04				.23	.21	.29		T.			T	.40			.58						.16	T.	.76			.12	.02		2.81
Zionsville, 1 SW	Lehigh		*	.05			*	.15	.40						*	.80		.80	.10					.15	.35	.20	.60			.10		3.70
SCHUYLKILL																																	
Conshohocken	Montgomery		*					*	.21		T.				.42		T.	.47	.62						.29		.21		.01	.20			2.43
Fredericksville[2], 1 S	Berks			.05				.18	.22		T.				.62	.15	T.	.34	.14						.44		.82			.11			3.07
Geigertown[2]	Berks			.09				*	.30						*	1.10	T	*	.50						.40		1.12			.14			3.65
Gratersford[2]	Montgomery			.16			T.	.09	.41						.48	.27	.03	.32	.43						.41		.83						3.43
Phoenixville[2], 1.5 SE	Chester			.18				.11	.40						.62	.16	.02	.62	.07						.52		.63			.27	.15		3.75
Port Clinton[2]	Schuylkill			.12				.32	.52						.82	.05	.06	.76	.12						.35		.99						4.11
Pottstown[2], 0.5 S	Montgomery			.09				.09	.32						.56	.15	T.	.64	.17						.33		.97			.14			3.46
Pottsville[2]	Schuylkill			.06				.46	.48			T.			.83	.11		.78							.24		.94			.30			4.20
Reading[1, 5]	Berks		.09				.19	.06	.19		T.			.01	.69	T	.03	.56	.04					.35	.01	.75			.23	.06			3.26
Strausstown[2]	Berks			.11				.29	.56						.75	.05	.04	1.00	.05						.23		1.17			.17			4.42
Virginville[2]	Berks			.13				.25	.50	T.					.72	.05	.01	.68	.15						.40		1.35			.14			4.38
Wernersville	Berks		.09				.20	.04	.20		T.				1.04	.05	.02	.74	.06					.61	.06	.22	.51		T	.19			4.03
LOWER DELAWARE																																	
Coatesville[2]	Chester			.13				.09	.35						.69	.10	T.	.72	T.						.35		.51			.25	T.		3.19
Doylestown	Bucks		.03	.02			.06	.04	.14						.65		T.	.85						.12	.33	.10	.97			.16			3.47
George School[6]	Bucks		.06				T.	.12	.07		T.				.99	.01		1.07	.03					.28	.10	.22	.59		T.	.28			3.82
Maple Glen[7]	Montgomery			.04				.08	.20						.77	.01	T.	.77	.09						.48		.59			.65			3.68
Marcus Hook[2]	Delaware			.03				.05	.26						.49			1.23	.35						.20		.22			*	.17		3.00
Philadelphia																																	
Southwest Airport, [1]	Philadelphia		.04				.07	.10	.14					.01	.66	T.	.01	.98	T.					.24	T.	.26			.01	.42			2.94
City Office[1, 5]	Philadelphia		.03				.03	.08	.13		T.			T.	.61		T.	1.08	.01					.21	T	.21			T.	.31			2.70
Shawmont	Philadelphia		.06	T.			.02	.05	.25						.85	T	T.	.85	.05					.15	.23	.05	.36		T.	.20			3.12
Quakertown, 0.5 E	Bucks		.09	.01			.04	.06	.28						.68	.05		.72	.03					.14	.37	.19	.80			.18			3.64
West Chester	Chester		.09				.07	.09	.23						.75	.01	.02	.95	.04					.50	T	.15	.33		.02	.35			3.60
West Grove[2], 1.5 SE	Chester			.13				.09	.26						.86	.02		.73	.06	T					.29		.33			.14	.09		3.00
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga					T.	.18	.02	.15						.12			.15				T.		.01		.10							0.73
Covington[2]	Tioga						.07	.52	.72		T.				.15	.19		.25	.14				T.		.05		.23						2.32
Lawrenceville	Tioga		T			T.	.42	T.	.32						.48		T	.40					T	T.		.18						1.80
NORTH BRANCH																																	
Berwick	Columbia		.12	T.			.48	.11	.72		T.				.85		T.	.68	.03					.08	.05	.39	.39			.04			3.94
Canton[2], 1 NW	Bradford			.04			.08	.74	.73	.02	T.				.38	.25		.30	.22				.02		.06		.36						3.20
Danville[2]	Montour			.12				.33	.90						.90	.11	.07	.54	.12						.17		.61			.10			4.00
Freeland[2]	Luzerne			.10				.62	.85	T	.15	T			.70	.55	.05	.40	.28						.35		.72			.14			4.91
Hop Bottom[2], 2 S	Susquehanna			.17				.37	.42						.35	.35	.10	.15							.02		.10						2.03
Millville[1, 5]	Columbia		.13	.07			.38	.54	.38					.04	.74			.55						.14		.63			.08			§3.68
Monroeton[2], 2 S	Bradford			.04			T.	.56	.94	T.	.01				.19	.52	T	.21	.31				.03		.04		.31						3.16
Montrose[2], 3 E	Susquehanna			.03		.01	T.	.56	.66	T.		T.			.18	.41		.04	.01				T		.18		.26						2.34
Orwell[2], 3 N	Bradford			*			.02	.77	.87						.04	.50		.08	.17				.02		.03		.28						2.78
Park Place[1], 1 NW	Schuylkill		.14			T.	.44	.06	.67	T.	T.			.06	1.03		.11	.74	.01					.20	.01	.87			.07	.08			4.49
Pikes Creek[1, 5]	Luzerne		.01				.41	.28	.40					.06	.80			.46								.55								2.97
Rush[2]	Susquehanna			.12			.07	.46	.83						.31	.19		.15	.25				.10		.16		.35						2.99
Scranton[1, 5]	Lackawanna		.19				.33	.10	.68	T.	T.				.38		.03	.58				T.		.08	.59			T.					2.96
Susquehanna[2]	Susquehanna			.18		T.	T.	.05	.60	.01	.01	T.			.16	.77		.01			T				.11		.23						2.13
Towanda, 1 E	Bradford		.07			T.	.50	.03	.72	T.	T.				.45		.02	.48			T.	T.	.05	.02	.33	.01							2.68
Tunkhannock	Wyoming		.02	T.			.19	T.	.42						.98	T.	.11	.58				T.	.01		*	.49							2.80
Wilkes-Barre[1], 3 N	Luzerne		.10				.48	.12	.80	T.	.02				.85		T.	.87	.02		T.		.08	T.	.53			T.					3.87
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga			.03			.10	.34	.35	T.	T.	T.			.42	.03		.23	.03						.02		.12						1.67
Carrolltown[2]	Cambria	T.		.09			.18	.47	.54	.09	.03				.87	.02	.18	.23							.19		.52			.05			3.46
Carter Camp[2]	Potter			.04		T.	.08	.58	.36	T.	T.				.57	.22		.18	.01						.10		.21			T.			2.35
Cedar Run[2]	Lycoming			.10			.13	.76	.56	T.	.03				.82	.12		.29	.06				.02		.09		.39						3.37
Clearfield[2]	Clearfield			.12			.11	.48	.48	.03					1.01	.10	.01	.37							.24		.24			.20			3.39
Coalport[2]	Clearfield			.10			*	.40	.50	T.					.80		.10		.10						*		.70						2.70
Curwensville Apt[1] 6 NW	Clearfield		.14	T.	T.	T.	.54	.39	.39	T	.01			.22	.46	T.	.23	.12				T		.24		.40	T.		.18	.01			3.33
Driftwood[1, 5]	Cameron		.05	.02			.38	.13	.07						.98		.02	.25						.11		.20			.16	.06			2.43
Dushore[1, 5]	Sullivan		.03			*	*	*	*	*	*	1.65			.57	*	*	.47							*	.51							§3.23
Eagles Mere[2]	Sullivan			.12			T.	.95	1.45	T.	T				.54	.30	.02	.43	.23						.10		.54						4.68
Emporium[2], 1 E	Cameron			.07			T.	.22	.54	T.	T.	T.			*	.74		.26	T						.27		.15			.12			2.37
English Center[1, 5]	Lycoming		.08				.89	.40	.20					.06	.82	.03		.40						.06		.37							3.31
Galeton	Potter						.46		.36	.02	T.				.82			.20	.02				T.	.03	.03	.10							2.04

Continued on page 20.

Daily Precipitation for March 1946—Continued from page 19.

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield			.08				.15	.56	.40	.05	.01	T			.94	.24	.10	.20							.20		.59			.19		3.71
Lock Haven[2]	Clinton			.08				.28	.69	.81	.01	T.				.93	.20	.42	.73							.15		.60			.06		4.96
Medix Run[1, 5]	Elk			.05				.40	.20	.10					.02	.99		.02	.16						.25		.21					2.77
Philipsburg[1], 7 E	Centre		.06	.12	T.			.79	.23	.18	T.	.01			.15	.82	T.	.57	.21	T.			T.		.25	.07	.63	.33		.31	.04		4 33
Renovo[2]	Clinton			.10				.11	.56	.41	.02	T.				.73	.16	.10	.28	.01			T.	T.							.33	.04		3.03
State College[1, 5]	Centre		.08	.01	T.			.78	.34	.15	T.	T.			.10	.71	T.	.50	.15				T.		.10		.60			.15			3.72
Tamarack[2], 2 S	Clinton	T.		.09				.15	.47	.33	.02	T.	T.			.88	.13	.03	.28	.01				T.		.13	.31			.18	.02		2.93
Trout Run	Lycoming		.10					.97		1.09						.74			.68						.07		.57					4.12
Tyrone [1, 5], 4 NE	Blair			.03				.58	.41	.12					.28	.57		.42	.10					.01	.10	.05		.19				3.28
Wellsboro[2]	Tioga							.06	.62	.44		T.	T.			.23	.17		.20	.26					.23	.01	.57			T.	.01		2.23
Williamsport Apt.[1]-4 E	Lycoming		.22	T		T.		.75	.71	.48	T.	T.			.07	.65		.16	.71	T.			T			.16		.61				4.57
Williamsport[2]	Lycoming			.05				.09	.67	1.07						.65	.10	.21	.50	.08						.27		.56			.01		4.22
Williamsport[2], 4 SE	Lycoming			.10				.14	.69	1.20	.02	T.	T			.85	.27	.16	.76	.14													5.17
JUNIATA																																	
Altoona, 4.5 W	Blair		.15					.70	.10	.34		.03				.79		.15	.31						.15	.05	.50	.11			.03		3.41
Breezewood[1], 0.5 E	Bedford		.11					.06	.38	.09		T.			.60	.02		.48	.08					.05		.83			.02			2.72
Buffalo Mills[2]	Bedford								.12	.38						1.07			.38						.11		1.00			.09		3.15
Burnt Cabins[1], 2 NE	Fulton		.11					.16	.52	.59		T.			.20	.59	.03	.47	.06						.14	.95				.10	.02		3.94
East Waterford[2], 3 E	Juniata	T.		.14					.22	.91	T.	T.	T.			.84	.09	.12	.67	.06	T					.23		1.18			.07		4.53
Everett[2], 0.5 SW	Bedford			.08					.09	.67		T.	T.			.80	T.	.05	.37	T.						.15	.01	.84			.01		3.07
Huntingdon[2]	Huntingdon			.14				.12	.47	.87	T.	T.				.77	.02	.08	.56	T.						.27		.90			.03		4.23
Lewistown[2], 1 W	Mifflin			.11					.28	.92						.75		.02	.55							.13		1.08			.08		3.92
Mapleton Depot[2]	Huntingdon		.09	T.				.52	.47	.15	T	T.	T.		.36	.66	.01	.07	.51						.22	.13	.97			.01		3.38
Martinsburg[1]	Blair			.12				.11	.60	.55	T.	T.	T.			.54	T.	.61	.05	T.						1.20			.01	.06		4.28
McConnellstown[2], 4NW	Huntingdon		*	.15	*	*	*	*	1.02	*	*	*	*	*	*	.94		.40	.20						.22	.14		.74			.06		4.01
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.90						.28	.08	.88		T.				.84		.19	.71	T					.10		.60				.04		4.20
New Bloomfield	Perry		.05						.34	.91			T.			.91	.09	.09	.78						.19	.02	.62	.51		T.	.37		$4.74
Newport[2]	Perry			.08				T	.20	.78		T.				.93		.10	.45							.21		.86			.38		4.65
Saxton[2], 1 W	Bedford			.08				.15	.78	.27					.20	.51		.32	.11						.04		1.20			T.		$3.94
Shade Gap[1, 5], 0.5 SW	Huntingdon		.15																							1.10				.06		3.69
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams			.07					.09	.37			T.			.89	T.	.05	.36	.01						.10		.51			.19		2.64
Bloserville, 1.5 N	Cumberland		.17					.23	.17	.66		T.				.94	.06	.14	.65	.02					.20	.05	.49	.50		T.	.25		4.53
Carlisle	Cumberland		.08					.20	.09	.35		T.			T.	.75	.02	.10	.58						.16		.39	.35		T.	.38		3.45
Columbia	Lancaster		.08	T.				.15	.11			T.				.70	.07	.03	.57						.22	.02	.05	.66			.14		2.80
Dauphin[2], 3 N	Dauphin			.09					.31	.37						.70	.06	.04	.52	.01						.12		1.06			.29		3.57
Ephrata	Lancaster		.10					.13	T.	.13		T.				.81	.05	.02	.89	T.					.22	.10	.10	.75		T.	.32		3.62
Glen Rock[1, 5]	York		.06					.02	.10	.22					.01	.64		.08	.49					.15	.01	.17			.01	.03		1.99
Gordon	Schuylkill		.04	.09				.54	.06	.74						.82		.08	.82						.18	T	.15	.39	T.		.12		4.33
Grantville, 2 SW	Dauphin		.11	T.				.26	.09	.70		T.				.94	.03		.52						.19		.46	.63		.02	.30		4.25
Hanover[2]	York			.06					.10	.63			T.			.69	.01	.15	.36	.02	T.					.14		.26			.12		2.54
Harrisburg Apt[1, 5], 3.5 S	Dauphin		.13					.10	.24	.25		T.			.14	.75	.01	.12	.28	T.					.20	T	.66			.20	.10		3.18
Holtwood[2]	Lancaster			.04					.10	.18			T.			.65	.05	.03	.48	.05	T.					.11		.21			.09		1.99
Huntsdale[2]	Cumberland			.09					.20	.55					*	.69	.02	T.	.60	.04	T.					.12		.76			.32		3.33
Kirkwood[1, 5], 1 SW	Lancaster		.08					.13		.20						.70		.20	.49						.18		.26			.10		2.34
Lancaster	Lancaster		.10	.01				.06	.06	.15		T.				.71	.12	.04	.67	.03					.12	.18	.05	.74			.75		3.79
Lebanon[2]	Lebanon			.09					.23	.40			T.			.72	.07	T.	.77	T.					.24	.17		.93			.25		3.63
Middletown[1], 1.5 W	Dauphin		.12	T				.17	.43	.35		T.			.15	.70	.01	.15	.41	T.					.24	.01	.65			.15	.14		3.68
Millersburg[1, 5], 2 E	Dauphin		.17					.28	.27	.35						.70		.07	.48						.12		.80			.06	.20		3.50
Milroy[2]	Mifflin			.20				.30	.23	.93			.01			.78	.05	.30	.46						.14	.20		.80			.30		4.56
Newburg[1], 3.5 NW	Cumberland		.17					.18	.72	.50		T.			.08	.86		.50	.30						.12		.86			.17		4.48
New Park	York		.07					*	.13	.32						.83	.10		.57	.02						.05	.43					2 64
Pine Grove[2], 1.5 NE	Schuylkill			.02					.44	.37	.05		T.			.88	.24	.06	.74	.05						.16	.86				.16		4.03
Selinsgrove	Snyder		.12	T.				.29	.05	.95		T.		T.		.73	.04	.07	.74						.12	.35	.51	.27			.19		4.43
Shamokin[2]	N'umberland			.10					.54	.64	T.		T.			.75	.12		.77	.13					.11	.17		.80			.23		4.25
Shippensburg	Cumberland		.16					.18	.05	.49		T.				.75		.06	.56	T.					.11	T.	.30	.36			.16		3.18
Sunbury[2]	N'umberland			.15					.32	1.08	T.			.03		.76	.08	.05	.82	.27						.15		.77			.10		4.58
Williamstown[2]	Dauphin			.12					.47	.63	.04					.87	.11	.10	.50	.09			T.			17		.89			.27		4.26
Woodward[1], 2 NE	Centre		.06	T.				.60	.75	.24	T.	T.			.08	.75	T.	.83	.35	T.					.12	.66				.12	T.		4.56
York, 3 SW	York		.05					.07	.03	.52						.78		.05	.53	.02					.08	.04	.05	.38		.02	.13		$2.75
York Haven[2]	York			.13					.18	.72						.77	.10	.03	.58	T.						.17		.64			.30		3.62
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin		.18					.24	.12	.45		T.			T.	.70		.05	.51						.09		.68			.09	.15		3 26
Gettysburg	Adams		.08					.02	.04	.38		T.				.83		.03	.62						.11	.01	.02	.23		T.	.16		2.53
Hewitt, 2 SW	Bedford		.08					.04	*	.40						1.25			.47	.02					.11		*	.50			.10		2 97
Hyndman[2]	Bedford			T.					T	.54		T.				.85	T.	T.	.45	T.						.10		.65			.10	T.	2 69
McConnellsburg[2]	Fulton			.18					.15	.80		T.				.72	T.	T.	.40							.09		.65			.12		3 11
Mercersburg[2]	Franklin			.16					.13	.60			T.			.79	.01	.05	.37	T						.02		.63			.29	T.	3.05
South Mt. San't'm[2]	Franklin			.12					.20	.58		T.	T.			.89	.03	.02	.51	.05						.12		.54			.21	.02	3. 29
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny			.07	.07			.08	.23	.48	.01					1.10	.07	T.	.03						T.	.07		.48			.05	T.	2. 74
Allens Mills[1, 5]	Jefferson			.19	.01			.48	.30	.22						.22	.49		.02	.18						.36		.21			.06		2.75
Blairsville[1], 6 NE	Indiana		.07	T.				.47	.20	.41		.02				.94	.67	.06	.32	.03	.01					.18		.29			T.		3.67
Boswell[2], 6 NW	Somerset			.02				.22	.30	.53	.06	.02					.87	.39	.11	.22							.08		.90			.03		3.73
Bradford, 4 W	McKean		.08	.06	.18			.41		.48	T	.06					.65			.05			.05		.07	.27	T.						$2.36
Brookville[1], 1.5 SW	Jefferson		.21		T.	T.		.37	.26	.30	T.	.03			.02	.68	.03	.06	.05	.64					.42		.23			.05			3.26
Buckstown[1, 5]	Somerset		.08	.05				.52	.31	.09					.02	.68	.03	.06	.27						.13		1.42						3.64
Clarion[2], 3 SW	Clarion		.03	.19		T.		.08	.36	.33	.06	T.					.69	.01		.60						.78		.09			.03		3.25
Corry	Erie		.35	.05		.31		.56		.35		T.				.40		.02	.27					T	.29	T						2.60
Coudersport	Potter		.02	.01				.30		.61	T.					.64			.03						.02	.09	.05						$1 77
Derry	W'moreland		.04					.38	.11	.21			T			1.12		T.	.10						.24		.48			.05			2 73
Donegal[1]	W'moreland		.10					.16	.30	.05		.02			.71	.16	.02	.10		.01					.10		.94				.55		3.22
Dunlo[1, 5], 0.5 SW	Cambria		.10	.03				.48	.20	.22					.44	.31	.03	.25							.12		.68	.01					2.87
Ebensburg[2]	Cambria		.03	.05				.48	.10	.44	.04	.01				.97	.02	.15	.27	T.					.04	.23		.43			.04		3.19
Ford City[2], 4 S	Armstrong		.15	.12				.25	.20	.40	T.	T.				.88	.12		.36							1.02		T.					3.22
Franklin[2]	Venango		.07	.08	T.			.15	.15	.30	.10	T.				.31	T	T.	.25							.31		.08			.15		2.43
Glen Hazel[2], 1 NE	Elk		T.	.15			T.	.31	.16	.54	.05	.01	T.			.68	.04		.17						.28		.39						2.65
Home[1, 5]	Indiana		.14					.39	.16	.25					.42	.54		.22	.08						.19	.02	.51	T		T.			2.87
Indiana	Indiana		.05	T				.35	T.	.42						1.18	.03	.05	.25						.04	.10		.74			.01		3.05
Johnstown[2], 0.5 W	Cambria		T.	.09				.38	.06	.38	T.					.91	.03	.12	.25				T.		.30		.09			.03		3.11
Kane[1], 1 N	McKean		.14		T.			.40	.33	.29	T.	.03				.60			.12													2.33

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Daily Precipitation for March 1946—Continued from page 20

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kregar[1, 4.5 SE.	W'moreland		.08	T.				.59	.57	.27		T			.93	.22	.09	.26		T.					.17		1.21			T	.71		5.13
Lycippus, 1.5 E	W'moreland		.12					.48	.10	.40		.01				1.20	.10		.25						.46	.04	.65	.05			.18		§4.04
Marienville[1, 5	Forest		.20	.01				.14	.19	.14					.07	.47			.26						.42		.11						2.61
Meadville[2], 1 S.	Crawford		.27	.23		.06	.02	.32	T.	.23	.08	.01				.33	T	.03	.11							.45							2.11
Mosgrove[2]	Armstrong	T	T.	.23		T.		.05	.38	.37	.04	.03	T			.82	.06	.02	.40							.38		.30		.02			3.10
Parkers Landing[2]	Armstrong		.08	T.				.20	.18	.55	T.	T.	T.			.53			.55						T.	.42		.13					2.64
Pittsburgh City Of[1, 5	Allegheny		.05	.01				.23	.29	.09		T.			.96	.04	.05	.06							.10		.19		T	.09		2.46
Port Allegany[2]	McKean			.04		T.		.05	.37	.48	.03	.01				.64	.12		.04					.01		.15		.06		T			2.02
Punxsutawney[2]	Jefferson	T	.10	.15				.30	.20	.42	.07	T.				.65	T.		.27						T.	.31		.37			.08		2.92
Putneyville[2], 2.5 SE.	Armstrong		.09	.20		T		.14	.33	.45	.07	T				.67	T.	.03	.50						T.	.40		.32					3.20
Ridgway[2]	Elk	T		.14		T.		.03	.36	.45	.03	.02	.01			.71	.02		.14							.34		.10			.03		2.38
Saltsburg[2]	Indiana		.05	.04				.10	.09	.42	.03	T.	T.			1.30	.07	.05	.16						.01	.10		.13				T.	2.85
Seward[2]	W'moreland			.11				.12	.32	.36	.08		.04			.73	.22		.28							.08		.46					2.80
Sheffield[1, 5, 6 W.	Warren		.16					.40	.15	.35						.44			.21						.59								2.30
Smethport[1, 5, 1 SW	McKean	.03	.07		.03	.03		.42	.27	.21						.62			.04				.02		.18		.05			.01			1.98
Strongstown[1, 5	Indiana		.05					.61	.39	.11					.53	.60	.01	.40							.09		.16						3.25
Tionesta[2], 1.5 SE	Forest		.10	.14		T.		.18	.20	.30	.02	.01				.49	T		.39	T.						.77		.03					2.63
Titusville, 2 S.	Crawford		.22		.02	.02		T.		.48		.04				.33			.24					T.	.42	.33		.02					2.12
Union City[1, 5	Erie		.50		.08	.22	.01	.47	.35	.09						.30		.05	.11						.54								2.72
Vandergrift[1]	W'moreland		.09					.24	.19	.19					.33	.72			.05						.15		.45						2.41
Warren[2]	Warren		.13	.09		.04	.22	.36	.26	.24	.05	.06				.33	T.		.20							.40		.01					2.39
Youngsville[1, 5	Warren	.03	.18			.20		.44	.32	.18						.46			.23						.56								2.60
MONONGAHELA																																	
Confluence[2], 1.5 NW.	Somerset		T.	.09				.14	.15	.59	.02	T	T.			.81	T	.05	.35	T.	T.				.02	.09	T.	1.10		T.	.45	T.	3.86
Connellsville[2]	Fayette		.02	T				T.	.21	.34	T.					.79	T.		.09						.02	.05		1.03			.16	T.	2.71
Donora[1]	Washington		T.					.19	.22	T.	T.	T			1.05		.01	.04		T.					.04		.39			T	.51		2.45
Greensboro[2]	Greene		T.	.04				.05	.22	.43	T.	I	T.			.92	T.	.01	.02						.07	T.	.01	1.61			.28	T.	3.66
Greensburg, 2 S.	W'moreland		.09	.02				.26	.11	.30		T.			T	1.30	T.	.06	.14						.21	T.	.45	.06			.21		3.21
Irwin	W'moreland		.05	.02				.19	.02	.45		T.				1.23		.12	.09						.05		.26	.11			.02		2.61
Meyersdale[2]	Somerset		.02					.09	.25	.44		.01				.65		.02	.32	.02	T.				.01	.08		.88					2.79
Murrysville // [1, 5	W'moreland	.03						.10	.29	.09	-				1.09	.25	.06	.07							.05		.36	.02		.02			2.43
Newell[7]	Fayette			.05				.12	.10	.34						1.13			.10								.16	.54		T.	.75	T.	3.29
Pittsburgh Arpt.// [1, 5	Allegheny		.03	.01				.16	.28	.10		I			1.10	.09	.01	.05	T.	T.					.05	.07	.02	.98			.52		3.67
Rices Landing[2]	Greene		.01	.03				.06	.17	.37	.07					1.25		.02	.05						.07		.47			T.	.16		2.53
Somerset	Somerset		.06	T.				.35	.15	.46		T.				.66	T.	.06	.35						.06	T.	1.35	.11		.08	.41		4.10
Springs[6], 1 SW	Somerset		.11					.35	.16	.40		.02			.09	.55	.02	.08	.27	.02					.13	.01	.90			.21	.46		3.78
Uniontown	Fayette		.07					.25	.10	.19		T.				.88		.09	.14						.11		1.58			.36	.14		3.86
Waynesburg	Greene		.18					.19	.13	.25						1.25		*	.18						.06		1.12				.64		4.00
BEAVER																																	
Beaver Falls[2]	Beaver		T.	.03				.02	.38	.13	T.	T.	T.			.56	.05	.02	T.						T.	.39		.22					1.80
Butler	Butler		.09					.39								.97			.04							.27	.06	.12					1.94
Farrell[2]	Mercer		.17	.07		T		.20	.07	.35						.75	.01		.09						*	.42							2.13
Greenville	Mercer		.46					.53	.04	.26	.07	.01				.75		.14	.32						.96	.03	.01						3.58
Jamestown[2], 2 NW.	Mercer		.35	.24		.01		.34	.05	.36	.04	T.				.88	I	.11	.11						.03	.60	T						3.12
Mercer Arpt.[1, 2.5 NE.	Mercer		.28		.01			.34	.48	.08	T.	.01			.22	.37	T.	.10	.24						.43		.02		T.				2.58
New Castle, 1.5 N.	Lawrence		.10	T.		I		.28	.33	.07		.04				.58		.02	.01						.29	.10	.01				.07		1.90
Pennline, 2, 1 S.	Crawford		.35	.18		.20	.06	.58	.04	.30	.05	.02				.65	T.	.08	.03							.70							3.24
OHIO																																	
Claysville[2]	Washington			.08				.06	.13	.30	.04					.69		.02	.11						.15		.39			.58			2.55
Coraopolis[2], 1 E.	Allegheny		T.	T				.13	.20	.35	T.					.73	*	*	.10						.06	.24		.42			.05		2.28
Midland[2]	Beaver		.05	.06				.06	.44	.25	T.	T.				.59	.01	.04	.08						.04	.32		.27			.09		2.30
Washington[1, 5	Washington		.04					.11	.32	.01					.85	.10	.05	.14							.08		.39			.27	.12		2.48
LAKE DRAINAGE																																	
Albion[2]	Erie		*	.54		*	*	.60	*	.63	*					*	.40	*	*	.35						.59							3.11
Erie[1, 5	Erie		.37		.07	.34	.29	.40	.12	.15	T.	T.			.06	.37		.09	.12				.13		.42	T							2.93
Raymond[1, 5	Potter		.02			.02		.40	.14	.16						.48			.06						*10*		.09						§1.47

[See page 24 for explanation of reference marks.]

Daily Temperatures for March 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Allentown Arpt.[1-4 NE	Maximum	47	39	50	68	64	54	66	47	60	46	42	52	67	75	55	60	48	44	54	60	69	70	59	56	62	63	70	79	78	62	56	58.8
	Minimum	22	31	32	30	37	35	40	33	35	27	24	20	27	35	46	39	41	37	30	26	29	28	32	27	40	38	48	43	42	42	32	33.8
Allentown/	Maximum	46	42	52	71	72	56	67	61	53	50	42	52	68	76	72	59	49	45	53	62	68	70	60	57	62	68	71	79	77	63	58	60.7
	Minimum	24	27	33	31	36	38	39	38	39	31	27	22	26	32	39	39	41	37	27	29	30	35	28	35	38	43	43	44	50	33	34.5	
Altoona-4.5 W	Maximum	50	44	49	71	72	70	66	49	40	43	38	58	69	70	62	57	47	43	51	61	69	68	64	50	65	60	69	76	71	66	57	58.9
	Minimum	22	32	32	34	42	39	48	31	30	25	26	19	33	41	50	44	39	35	35	26	31	34	27	30	36	43	49	41	45	54	27	35.5
Arendtsville[6]	Maximum	51	41	55	75	75	74	65	56	47	47	45	57	72	73	66	54	47	40	55	64	68	75	59	42	67	60	75	80	68	63	55	60.4
	Minimum	21	31	33	28	37	37	41	37	44	25	24	19	28	36	46	44	39	36	36	31	30	30	35	28	36	40	50	45	44	55	32	35.4
Berwick	Maximum	48	44	50	72	67	69	60	58	56	42	41	54	68	75	69	62	59	48	57	63	70	71	66	58	62	63	70	78	80	73	60	61 5
	Minimum	21	33	30	28	41	39	51	33	36	28	24	20	28	35	52	41	41	38	37	27	28	30	31	28	39	36	45	37	43	52	31	34.9
Bethlehem[1]	Maximum	45	40	49	71	70	55	66	47	58	43	40	52	68	76	60	58	46	42	51	61	70	70	59	57	62	66	70	79	77	62	56	58.9
	Minimum	23	32	36	36	45	38	46	39	36	30	29	25	33	44	46	40	41	37	35	30	33	34	35	32	41	44	50	52	50	43	34	37.7
Blairsville[1-6 NE	Maximum	58	46	47	69	69	74	60	53	44	35	34	61	66	72	55	52	59	42	49	61	70	64	58	60	63	55	64	78	74	63	56	58.4
	Minimum	25	31	28	46	50	53	38	35	23	20	20	24	47	50	49	39	39	34	32	32	36	43	28	40	42	47	47	50	55	36	27	37.6
Bradford-4 W	Maximum	54	48	45	60	49	70	67	46	49	39	34	59	65	70	59	63	57	47	54	59	69	63	59	49	60	60	65	78	74	66	49	57.6
	Minimum	15	30	28	27	34	30	39	23	22	12	12	13	29	32	44	38	43	37	35	21	22	29	25	20	39	31	30	31	36	36	24	28.6
Brookville[1-1 5 SW.	Maximum	56	41	46	67	67	72	59	51	47	38	35	59	67	69	62	55	57	42	56	63	68	66	59	54	64	56	67	78	72	59	55	58.3
	Minimum	20	32	28	28	39	34	30	30	27	22	21	17	32	31	45	45	41	37	30	25	25	30	28	28	40	33	39	33	38	33	24	31.1
Burnt Cabins[1-2 NE	Maximum	47	40	51	74	69	71	60	51	53	44	41	56	70	73	62	53	49	40	52	62	68	75	58	49	67	59	73	77	71	62	56	59.1
	Minimum	20	32	29	29	36	36	38	31	33	26	22	17	29	35	50	44	40	36	35	22	24	26	28	27	38	43	48	42	42	40	24	33.0
Butler	Maximum	58	61	50	69	73	75	75	56	57	45	43	58	74	72	72	63	61	65	56	61	69	73	70	55	66	68	60	77	81	72	68	64.6
	Minimum	25	35	30	45	44	37	48	29	30	25	22	21	31	34	34	50	48	42	39	19	27	33	21	23	21	39	41	31	42	52	30	33.8
Canton/-1 NW	Maximum	46	37	47	65	61	65	53	49	42	40	33	48	66	73	56	61	42	40	53	58	68	69	48	53	58	61	68	77	75	52	43	55.1
	Minimum	21	27	30	30	33	41	48	31	32	19	24	19	26	42	48	35	38	36	34	30	33	43	24	26	35	37	38	44	52	39	22	33.5
Carlisle	Maximum	49	47	54	74	72	71	69	60	46	46	47	56	70	74	70	59	54	48	55	61	66	71	64	50	59	55	74	78	71	66	57	61.1
	Minimum	23	34	34	29	39	40	53	36	41	30	28	21	30	37	55	46	42	38	40	28	30	31	35	29	41	42	52	46	40	57	34	37.5
Chambersburg[6-1 SW.	Maximum	50	41	54	76	72	73	64	55	50	44	44	56	70	73	66	55	48	45	54	63	71	74	62	46	65	54	75	77	70	61	57	60 2
	Minimum	23	29	35	31	38	38	50	35	37	26	27	20	29	38	51	45	40	36	36	27	30	31	32	30	39	44	48	47	45	47	30	35.9
Clarion[6-3 SW	Maximum	58	59	50	70	70	74	66	53	53	42	37	63	71	70	66	59	62	50	58	68	71	69	61	58	67	56	69	79	72	64	59	62.1
	Minimum	18	31	29	24	37	30	35	27	29	19	24	16	26	29	47	39	42	37	37	23	24	30	23	28	40	34	36	36	38	47	23	30.9
Claysville/	Maximum	63	49	54	71	72	72	57	60	34	42	40	63	70	72	61	63	68	61	52	61	71	69	62	66	64	58	68	79	77	65	58	62.0
	Minimum	23	28	26	29	42	45	47	33	29	16	18	20	23	42	46	49	43	42	40	24	24	28	29	30	36	36	49	41	42	53	31	34.3
Coalport/	Maximum	53	44	53	70	70	70	55	49	37	41	37	60	69	71	52	53	45	40	56	65	69	69	60	50	65	55	69	80	75	65	59	58.3
	Minimum	20	19	30	27	36	35	35	29	29	26	22	16	17	27	30	45	39	35	35	20	19	23	23	22	38	35	41	35	34	38	22	29.1
Coatesville/	Maximum	50	45	52	74	75	67	68	62	59	47	43	53	70	75	65	60	50	43	53	60	67	72	60	53	59	62	73	77	73	63	56	60.8
	Minimum	23	24	29	36	35	38	38	39	48	34	24	22	26	40	40	43	39	36	38	35	34	30	33	24	38	40	42	44	43	51	39	35.6
Columbia	Maximum	51	48	55	73	76	71	68	58	60	49	45	58	71	77	68	59	55	49	55	64	70	75	70	51	60	60	75	81	76	70	62	63.2
	Minimum	23	33	30	29	36	39	54	41	42	32	28	24	30	38	52	41	42	38	38	30	29	30	35	30	40	44	50	44	45	49	33	37.1
Corry	Maximum	55	52	45	61	63	70	66	51	49	39	34	61	66	72	63	65	62	54	56	60	69	62	54	52	62	60	66	78	73	69	50	59.3
	Minimum	22	32	29	37	40	36	39	21	21	14	22	18	41	38	51	38	44	40	38	23	23	28	24	25	44	32	30	30	37	39	25	31.6
Coudersport	Maximum	52	49	46	65	63	70	64	47	47	40	35	59	67	62	67	59	44	56	57	62	71	69	56	55	60	59	69	80	79	68	48	58.9
	Minimum	15	31	28	25	34	30	45	33	28	15	21	12	25	47	32	38	35	30	31	20	20	26	55	20	36	29	31	29	32	37	28	29.6
Curwensville[1-6 NW	Maximum	48	36	47	64	66	68	55	45	47	36	34	58	66	65	59	51	44	37	50	60	67	65	54	44	60	54	66	75	70	58	52	54.9
	Minimum	20	28	28	36	41	46	30	28	22	18	17	18	40	45	45	41	35	32	32	30	34	33	23	32	34	40	35	39	50	30	23	32.4
Derry	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	24	36	32	34	43	44	47	30	31	22	22	21	41	39	52	50	44	41	39	25	28	36	27	45	45	45	50	36	54	55	29	37.6
Donegal[1]	Maximum	59	44	48	69	69	74	58	54	43	38	34	62	67	72	53	53	60	48	46	59	69	68	61	63	61	56	66	77	72	62	60	58.9
	Minimum	17	30	28	33	41	38	35	29	23	11	19	14	34	36	48	40	38	36	31	25	22	32	42	37	36	42	46	36	52	38	26	32.7
Donora[1]	Maximum	67	48	55	74	74	77	64	60	50	45	42	65	73	74	61	63	70	60	54	65	71	72	65	70	68	60	73	80	80	68	61	64.8
	Minimum	30	39	33	50	47	46	40	35	30	24	32	27	40	43	55	50	49	43	34	30	34	39	36	46	46	50	54	47	52	60	35	41.2
Eagles Mere/	Maximum	42	33	45	62	60	62	52	50	39	37	34	45	61	61	59	58	43	38	53	59	64	66	49	51	56	59	66	75	75	53	43	53.3
	Minimum	23	25	28	26	36	45	45	28	28	19	19	19	21	36	39	38	34	32	32	32	31	37	24	23	33	35	38	35	45	41	22	31.3
East Waterford[6-3 E	Maximum	43	36	45	70	68	63	59	47	47	40	35	50	66	70	58	49	45	38	49	56	63	67	58	42	60	55	68	74	66	57	49	54.6
	Minimum	27	28	31	41	52	45	47	37	29	24	25	25	43	52	49	38	33	31	30	31	42	45	28	33	33	47	47	51	56	45	27	37 8
Ebensburg/	Maximum	51	44	55	67	67	69	52	43	31	37	44	59	66	69	58	48	49	39	50	63	68	64	57	53	60	55	64	75	71	62	57	56.4
	Minimum	23	32	28	32	41	46	50	29	22	20	20	19	36	42	49	42	37	33	31	27	32	39	25	36	37	43	41	44	48	48	25	34.7
Emporium/-1 E.	Maximum	55	42	50	69	69	74	67	50	38	43	38	62	71	72	63	66	49	43	61	66	73	72	61	50	64	61	72	84	77	62	63	60.9
	Minimum	18	26	30	24	26	32	33	30	31	19	19	14	19	28	32	40	32	30	23	28	25	26	27	19	34	34	30	34	40	24	28.1	
Ephrata	Maximum	49	43	52	72	74	67	67	56	51	47	44	54	70	76	64	60	54	48	56	64	70	71	64	53	58	63	73	78	76	64	59	61.2
	Minimum	25	34	34	29	39	38	52	39	40	33	28	23	31	39	52	45	41	37	37	29	31	32	35	30	40	43	48	45	45	58	34	37.6
Erie[1]	Maximum	59	48	49	61	47	72	59	55	51	33	32	64	67	73	51	61	55	53	52	54	60	63	45	58	50	63	61	71	75	52	40	55.9
	Minimum	34	33	32	40	34	34	36	33	27	26	24	28	52	51	38	36	45	44	41	35	39	35	30	44	44	45	41	50	52	36	30	37.7
Everett[1-0.5 SW.	Maximum	50	43	52	75	68	75	58	49	52	41	39	60	71	68	64	54	45	40	50	62	68	71	60	50	68	57	72	79	71	60	59	59.1
	Minimum	20	28	27	26	22	21	38	32	31	26	21	17	25	31	31	42	39	37	26	21	25	26	30	27	38	43	53	47	40	41	28	30.9
Farrell	Maximum	61	61	48	71	71	74	70	57	56	44	42	66	72	73	71	68	68	64	59	65	71	70	63	64	67	67	73	81	74	71	58	65.2
	Minimum	31	38	32	40	48	41	36	30	32	26	26	28	43	41	48	49	49	45	42	32	31	36	32	44	48	46	41	41	49	39	30	38.5
Ford City/-4 S	Maximum	62	45	53	72	71	76	54	58	47	43	39	63	70	73	67	57	63	49	53	65	71	70	59	65	68	56	69	79	76	70	57	61.9
	Minimum	21	25	31	27	42	35	39	29	18	12	27	19	26	33	38	50	43	31	31	24	26	33	27	31	41	39	42	38	39	46	27	31.9
Franklin/	Maximum	58	54	50	68	70	71	52	55	37	42	37	62	69	70	67	60	66	50	60	66	74	68	63	57	65	57	68	79	74	60	60	60.9
	Minimum	24	25	32	33	41	36	36	28	28	20	20	19	22	34	35	42	44	41	39	27	28	29	29	29	41	38	38	35	36	44	27	32.3
Fredericksville-1 S.	Maximum	44	40	50	70	71	64	61	62	59	43	40	52	67	73	67	58	50	44	52	60	67	69	61	54	61	65	69	77	77	65	59	59.7
	Minimum	17	31	30	29	39	36	46	35	38	31	22	16	29	38	50	39	38	30	36	28	51	29	32	25	37	39	49	39	42	54	31	35.0
Freeland	Maximum	47	41	44	66	65	59	59	57	58	39	39	34	63	70	61	56	46	46	53	60	66	67	60	60	57	62	63	74	73	73	72	57.7
	Minimum	19	25	29	36	44	37	42	31	31	31	21	23	36	49	46	36	34	30	32	29	37	40	24	32	37	43	40	46	53	43	28	35.0
George School[6]	Maximum	49	43	52	71	73	60	71	66	60	47	45	51	68	73	65	56	47	45	50	61	66	71	62	52	62	64	69	79	76	62	53	60.3
	Minimum	23	29	40	32	39	36	39	39	40	32	26	20	29	43	46	40	38	37	36	30	30	27	34	27	40	40	46	43	41	53	33	35.7
Gettysburg	Maximum	50	49	54	75	75	75	71	59	57	52	44	57	72	74	69	62	53	47	54	61	67	73	71	54	69	64	74	78	76	65	58	63.2
	Minimum	24	34	36	31	38	40	55	39	40	28	27	22	30	38	54	46	42	38	38	30	30	30	35	30	40	47	49	47	45	57	33	37.8
Gordon	Maximum	45	42	48	70	69	68	58	50	45	41	40	51	67	75	66	58	52	45	50	61	68	70	65	47	67	60	70	79	77	68	57	58.8
	Minimum	16	26	30	24	32	37	45	31	35	28	18	16	27	31	51	42	37	35	36	21	23	26	30	28	37	33	47	35	38	52	27	31.9
Greensburg-2 S	Maximum	65	53	52	72	74	76	63	60	64	43	39	64	70	75	67	59	64	52	51	63	71	71	63	55	65	62	68	77	73	62	56	63.7
	Minimum	19	34	31	25	35	33	38	31	32	17	21	15	26	47	54	52	45	41	39	21	33	35	28	41	38	42	48	56	49	56	31	35.9
Hanover/	Maximum	51	41	56	74	75	75	67	59	48	48	47	56	72	75	66	59	55	42	54	61	71	74	59	42	68	63	75	80	69	65	58	61.5
	Minimum	26	30	34	35	45	44	46	44	46	28	30	25	30	43	52	46	42	37	36	29	32	35	35	38	34	40	48	49	51	58	31	38.7
Harrisburg Arpt. [1-3.5 S.	Maximum	52	40	53	75	74	72	67	52	60	45	43	57	73	75	64	56	49	44	54	64	68	74	58	47	58	57	74	80	72	62	54	60.4
	Minimum	25	32	34	30	38	39	47	37	37	29	28	25	31	42	49	47	41	37	39	31	32	33	36	32	40	43	53	47	46	42	35	37.3
Hawley-0.5 E	Maximum	46	38	44	63	62	68	57	48	54	40	38	50	67	76	64	61	51	48	58	65	71	72	63	62	62	64	69	77	78	82	69	59.5
	Minimum	6	29	29	21	32	29	37	26	35	24	16	12	27	34	46	33	32	40	27	21	23	25	30	21	39	33	42	33	35	51	26	29.5
Hewitt-2 SW.	Maximum	55	54	55	78	75	77	70	59	50	50	49	62	74	73	65	56	55	44	48	63	63	73	68	53	68	64	77	68	74	64	63	62.8
	Minimum	15	17	26	25	27	30	44	49	44	23	25	30	25	39	30	39	40	39	35	30	31	24	35	30	35	45	45	47	45	54	47	34.5
Holtwood[1]	Maximum	46	41	52	73	75	68	63	54	57	47	43	53	69	70	64	58	51	46	55	60	66	68	55	48	57	59	72	75	66	64	54	59.0
	Minimum	27	34	33	30	39	40	48	43	40	32	30	28	36	41	50	47	43	40	37	36	34	36	39	37	43	48	52	48	49	47	37	39.5
Huntingdon	Maximum	52	44	52	75	70	74	62	51	49	44	42	59	72	76	63	58	52	42	55	64	70	58	50	47	56	69	74	81	74	66	57	60.6
	Minimum	18	32	31	24	36	32	32	31	33	29	21	16	15	30	29	42	41	37	39	21	21	26	27	24	38	38	47	37	38	43	30	30.9

Continued on page 23.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	62	53	49	70	72	75	58	55	55	40	38	62	69	75	56	56	60	49	52	64	69	70	64	62	65	64	68	58	79	57	65	62.1
	Minimum	27	34	31	35	45	50	46	31	29	30	25	24	38	43	52	50	42	39	37	30	34	11	30	42	43	45	18	29	53	34	28	38.5
Irwin	Maximum	63	63	52	70	71	75	75	58	55	43	38	63	68	72	68	61	58	57	52	64	73	72	67	67	65	66	68	80	80	70	64	64.5
	Minimum	25	37	32	34	47	47	47	31	30	21	28	22	38	41	52	48	44	41	39	22	29	36	30	42	46	42	18	18	40	29	29	37.9
Jamestown 2 NW	Maximum	58	51	52	68	70	72	53	56	36	43	37	64	70	73	66	64	67	56	60	63	70	70	62	60	66	69	70	70	70	58	66	64.4
	Minimum	25	29	28	31	40	42	44	27	31	13	22	23	41	42	48	44	44	42	39	25	27	34	27	31	39	39	42	31	44	44	29	33.8
Johnstown 1	Maximum	57	50	62	74	75	76	56	51	36	43	40	66	72	73	62	55	55	44	52	65	74	70	64	59	67	58	70	81	72	67	61	63.5
	Minimum	25	38	35	42	43	40	51	35	33	26	29	22	31	36	51	50	43	40	38	28	30	33	35	34	42	46	50	46	46	46	32	37.9
Kane 1-1 N	Maximum	55	40	45	62	64	70	54	49	49	39	32	58	66	70	60	61	51	42	54	61	68	65	54	46	61	58	67	77	70	63	48	56.4
	Minimum	18	28	26	26	33	32	25	18	25	12	14	13	28	31	42	35	41	37	25	19	19	28	24	22	31	30	29	28	44	44	22	29.4
Lancaster	Maximum	50	48	54	76	77	72	68	71	61	49	49	55	73	77	68	60	56	49	55	65	70	75	68	58	60	62	76	79	76	66	62	64.1
	Minimum	20	29	28	24	31	38	46	36	40	30	24	19	25	32	52	43	41	36	36	24	25	26	32	25	38	38	44	38	49	56	29	33.5
Lawrenceville	Maximum	50	41	47	66	52	69	60	49	48	45	40	55	69	75	63	66	57	45	56	59	72	67	51	57	59	65	76	80	79	70	44	58.9
	Minimum	17	33	29	27	37	32	44	29	33	25	20	18	31	33	45	33	41	39	30	25	25	41	28	28	38	31	35	37	37	39	28	31.5
Lebanon	Maximum	49	41	52	75	75	61	64	59	50	46	43	56	71	77	61	60	50	44	55	64	69	72	59	54	62	65	74	80	76	65	55	60.7
	Minimum	26	29	30	29	35	39	40	38	42	32	27	26	29	35	47	45	39	37	37	27	30	32	34	28	34	41	48	46	46	47	33	36.0
Lewistown/-2 SW	Maximum	52	43	52	75	71	56	70	50	47	46	44	59	74	77	63	57	49	43	55	66	71	72	61	49	68	59	75	83	78	62	57	60.8
	Minimum	24	24	34	29	29	24	34	35	34	32	26	22	24	30	34	38	41	28	39	27	29	29	32	29	33	41	44	44	43	49	38	32.7
Lock Haven[6]	Maximum	54	43	51	72	62	71	63	50	47	48	42	59	72	75	67	63	56	47	58	65	73	69	67	52	65	60	73	83	78	70	52	61.5
	Minimum	21	34	32	28	42	33	45	35	30	28	28	20	29	35	53	47	39	39	38	28	29	31	32	26	40	36	44	39	43	49	30	34.9
Marcus Hook[1]	Maximum	52	52	53	70	77	62	80	68	60	56	48	68	75	75	70	59	57	57	55	68	68	80	70	66	65	69	73	83	77	64	54	65.5
	Minimum	30	35	40	41	47	40	57	50	38	38	32	28																				[illegible]
Martinsburg[1]	Maximum	50	38	48	70	66	70	58	46	45	42	37	58	70	70	62	51	46	39	46	61	68	69	56	49	61	56	69	76	68	59	55	56.7
	Minimum	21	32	34	37	46	37	37	28	29	25	24	21	37	40	50	44	39	35	34	26	27	37	29	36	36	45	51	45	45	37	29	35.3
Mauch Chunk-1 SW	Maximum	44	44	44	60	62	62	55	55	53	40	39	48	65	71	61	55	48	47	51	59	63	69	68	55	60	64	70	76	77	67	58	[illegible]
	Minimum	10	26	29	24	31	45	33	30	39	27	18	14	24	31	50	36	39	35	38	19	23	27	30	23	38	32	44	34	35	52	30	[illegible]
Meadville -1 S	Maximum	56	44	48	66	66	70	51	54	32	41	36	61	69	69	67	61	65	51	59	62	69	65	59	55	63	57	68	75	74	54	52	58.8
	Minimum	24	31	29	30	42	39	42	24	28	14	18	22	30	38	45	43	45	42	39	25	26	32	26	29	30	37	35	34	42	44	25	32.9
Mercer[1]-2 5 NE	Maximum	56	44	45	64	67	68	57	54	49	38	33	60	67	71	65	58	64	50	57	62	67	66	58	60	63	55	67	76	75	59	54	59.0
	Minimum	27	32	28	36	42	45	30	30	26	18	22	23	40	42	47	43	42	39	34	29	33	34	26	36	45	42	34	39	51	33	26	34.6
Middletown[1]-1.5 W	Maximum	50	40	53	74	74	70	70	54	60	45	43	56	70	74	64	57	49	44	55	62	68	72	57	46	58	57	73	78	74	65	56	60.3
	Minimum	23	32	30	27	35	37	42	36	36	27	26	23	29	56	49	47	41	39	34	29	30	31	34	32	38	42	58	44	45	41	31	36.1
Midland[6]	Maximum	58	51	49	70	71	72	55	59	51	39	38	61	69	72	59	63	65	64	56	63	68	68	59	65	67	59	78	76	75	63	61	61.7
	Minimum	30	36	29	33	39	39	36	35	29	25	26	30	36	40	52	52	45	44	40	28	31	35	32	42	41	44	45	43	43	40	34	37.4
Montrose/-3 E	Maximum	42	39	39	60	56	64	52	49	42	35	31	47	63	71	52	61	43	43	55	59	64	68	46	55	56	63	64	75	75	56	42	53.8
	Minimum	16	21	29	29	34	41	45	25	29	18	18	16	21	38	47	36	38	38	33	30	33	38	25	25	34	37	37	41	46	43	22	31.7
Mt. Pocono[1]-2 N	Maximum	41	36	43	62	61	54	54	46	53	35	32	45	63	72	54	57	44	40	50	58	67	68	54	53	57	64	64	75	75	60	46	54.3
	Minimum	12	24	28	30	32	33	38	29	28	20	14	11	35	43	40	32	33	32	27	23	34	32	24	25	34	36	40	44	50	32	23	30.3
New Bloomfield	Maximum	48	44	51	74	71	67	62	51	48	46	43	56	70	74	65	57	52	45	58	62	70	73	58	45	67	60	74	79	71	67	65	60.4
	Minimum	18	31	28	25	32	32	45	28	36	29	20	17	25	33	51	44	38	34	36	21	25	26	31	23	37	38	46	39	40	34	29	32.0
Newburg[1]-3.5 NW	Maximum	50	40	52	75	70	71	60	50	51	46	42	56	68	72	66	54	48	40	54	62	70	72	58	44	62	57	74	78	71	62	56	59.1
	Minimum	22	28	32	32	38	42	46	35	35	28	26	32	30	46	52	44	38	35	32	26	32	32	30	30	38	43	54	48	44	40	26	35.7
New Castle-1.5 N	Maximum	61	59	50	70	71	72	68	57	58	43	43	64	72	70	66	62	65	64	60	66	70	66	65	69	69	70	78	78	78	69	60	64.7
	Minimum	26	35	29	31	42	36	43	28	31	22	21	25	38	36	51	48	45	43	41	25	27	33	27	35	44	41	46	38	34	50	27	35.2
Palmerton[1]	Maximum	42	40	49	67	67	54	60	47	59	40	40	50	65	73	59	57	47	44	53	62	66	70	54	53	57	63	69	77	76	62	55	57.3
	Minimum	15	33	30	27	34	32	43	32	36	25	22	18	29	36	46	35	40	35	30	24	26	28	29	25	39	36	43	36	40	42	31	32.2
Park Place[1]-1 NW	Maximum	39	34	43	65	65	55	54	45	52	37	34	47	63	70	53	52	44	39	51	58	63	68	49	51	57	61	66	75	74	58	45	[illegible]
	Minimum	20	25	30	36	48	37	43	33	28	22	20	19	35	48	41	37	33	39	30	30	38	38	25	32	34	46	42	44	51	31	24	33.8
Phila Arpt.[1]-7 SW	Maximum	52	48	52	70	75	59	71	59	61	49	44	54	68	74	68	58	56	44	50	59	66	70	58	55	64	66	71	77	74	62	55	60.6
	Minimum	26	29	36	35	42	39	55	45	39	32	31	25	35	43	46	43	42	39	38	36	34	33	37	35	48	47	49	46	46	46	38	39.0
Philadelphia C.O.[1]	Maximum	52	47	54	70	75	57	71	58	61	49	43	54	68	73	64	57	50	44	49	60	68	71	59	56	60	65	71	77	78	63	56	60.5
	Minimum	30	34	39	39	47	39	57	45	41	36	34	30	40	49	46	45	42	40	39	36	42	42	39	38	44	52	52	54	53	52	40	42.5
Phila. Shawmont	Maximum	50	47	52	73	75	68	70	68	62	48	45	54	69	74	69	57	50	50	50	63	66	72	73	72	62	63	72	80	78	66	65	63.2
	Minimum	23	25	32	30	37	37	44	42	44	36	28	22	32	42	52	45	42	39	39	30	30	29	30	30	42	44	46	42	44	53	35	37.0
Philipsburg[1]-7 E	Maximum	45	37	43	66	64	65	56	43	45	38	34	52	65	68	58	52	45	37	50	60	65	66	53	44	61	56	67	75	71	59	49	54.5
	Minimum	15	30	30	37	35	34	32	27	26	20	16	13	30	31	45	42	36	32	26	19	21	33	26	33	35	34	42	31	42	31	22	29.9
Phoenixville-1.5 SE	Maximum	58	47	53	75	77	70	73	66	62	48	46	56	75	75	67	60	55	44	54	62	67	74	59	57	65	63	72	81	77	68	63	63.5
	Minimum	17	28	28	24	31	31	35	36	43	34	22	16	27	47	52	43	40	38	38	22	24	23	35	23	40	38	43	35	39	57	33	33.6
Pittsburgh Arpt.[1]-7.5 SE	Maximum	63	48	52	71	71	74	62	58	47	42	41	64	69	73	60	58	63	54	49	62	69	68	60	67	66	58	69	78	78	65	57	61.8
	Minimum	30	36	31	43	50	54	43	35	27	22	27	26	44	52	52	46	44	41	37	34	40	44	32	45	46	51	50	49	59	41	32	40.7
Pittsburgh City Office[1]	Maximum	63	50	53	73	73	75	65	65	50	44	40	64	72	73	62	61	65	57	53	63	66	69	61	67	69	59	70	78	77	66	58	63.1
	Minimum	31	39	35	48	49	49	43	36	30	27	29	31	49	45	56	50	48	43	40	34	37	41	35	48	49	51	52	46	54	45	36	42.1
Port Clinton/	Maximum	41	40	51	71	70	57	60	58	42	41	36	51	63	72	58	58	48	42	55	62	66	70	56	52	62	62	70	77	77	64	52	57.6
	Minimum	18	30	30	28	34	34	43	34	38	30	23	18	20	34	50	43	39	36	37	25	27	29	33	25	33	35	37	34	45	36	41	50	30	33.2
Putneyville-2.5 SE	Maximum	57	42	49	69	69	73	65	55	51	39	36	60	68	70	60	51	57	49	53	62	67	69	57	58	65	69	77	78	79	55	60	60.2
	Minimum	21	32	29	28	40	32	38	28	27	20	22	18	33	34	42	45	40	36	35	26	25	32	24	36	37	39	34	43	46	24	36	32.3
Quakertown-0.5 E	Maximum	44	42	49	70	71	67	68	61	59	43	41	51	67	74	65	57	53	45	53	60	65	69	62	57	62	66	68	77	77	67	60	60.4
	Minimum	17	28	32	27	33	35	35	34	39	30	21	16	25	33	48	38	38	35	36	25	24	45	29	22	37	36	47	38	65	52	29	33.8
Reading[1]	Maximum	49	44	52	73	74	55	68	51	62	46	44	53	70	76	61	59	50	45	55	64	70	71	60	55	63	64	73	80	77	65	56	60.8
	Minimum	25	34	36	38	46	39	49	41	37	31	29	25	38	46	48	47	44	38	38	32	34	35	37	32	42	45	51	50	50	46	35	39.3
Ridgway/	Maximum	57	39	48	67	68	73	54	51	37	42	38	61	69	75	64	60	57	43	59	65	72	69	59	47	63	57	81	81	73	59	54	59.4
	Minimum	17	17	22	25	38	30	32	27	27	19	19	13	15	26	29	36	41	37	37	20	19	22	22	20	27	32	30	31	31	37	17	26.3
Scranton[1]	Maximum	50	46	46	67	66	71	60	54	57	38	35	52	66	74	61	62	47	46	57	63	71	71	51	60	59	67	67	78	80	63	48	59.1
	Minimum	19	32	32	30	42	42	40	32	33	25	24	20	35	40	48	43	43	39	37	30	32	34	30	28	41	39	46	43	44	38	30	35.2
Selinsgrove	Maximum	46	43	51	73	69	67	60	52	52	43	43	53	70	73	69	58	56	49	58	64	69	70	69	55	63	60	72	77	73	67	55	60.6
	Minimum	19	31	29	26	36	31	48	34	36	27	21	18	31	32	51	44	38	36	35	24	27	29	29	28	37	34	45	36	41	50	30	33.2
Somerset	Maximum	55	44	48	70	70	73	66	50	48	41	35	62	67	68	59	52	52	43	45	59	68	67	60	58	62	59	67	76	72	62	60	58.6
	Minimum	18	32	30	27	29	32	47	28	28	15	26	15	24	29	49	44	39	35	32	19	22	25	27	33	31	41	47	36	41	51	26	31.5
Springs[6]-1 SW	Maximum	51	41	47	67	67	70	57	47	47	39	34	59	64	64	54	51	48	40	45	55	64	66	55	55	59	54	65	72	69	59	55	55.4
	Minimum	20	28	29	30	35	36	43	30	28	13	22	18	27	34	50	41	37	34	30	25	25	29	29	31	30	44	48	46	42	34	25	31.7
State College[1]	Maximum	49	39	47	69	69	68	63	42	49	43	37	56	69	73	60	54	53	39	51	62	69	68	54	47	64	55	70	79	75	58	51	57.5
	Minimum	24	33	34	42	50	41	41	30	32	26	28	23	39	43	52	46	39	36	36	30	34	42	30	37	40	43	48	46	48	38	28	37.4
Stroudsburg-2 E	Maximum	45	43	54	67	66	60	64	56	54	46	45	52	69	76	72	61	58	50	55	65	72	73	72	59	64	62	72	82	81	77	56	62.2
	Minimum	14	30	24	28	32	25	39	30	40	29	21	15	29	34	49	34	37	37	35	23	24	26	32	23	39	35	45	36	39	37	28	[illegible]
Tamarack /-2 S	Maximum	47	32	46	65	67	66	51	40	36	39	34	53	66	69	54	57	40	36	52	59	67	67	52	45	60	56	69	77	73	56	45	54.1
	Minimum	21	25	28	28	44	44	48	28	28	18	18	19	23	42	49	40	34	32	31	32	37	43	24	25	33	35	39	41	47	41	21	32.8
Tionesta /-1.5 SE	Maximum	55	39	46	65	67	71	51	52	31	39	41	60	67	69	65	59	62	45	58	65	70	67	59	52	62	56	66	78	68	61	56	[illegible]
	Minimum	19	23	28	26	36	32	35	25	26	20	23	16	27	31	36	40	43	38	38	25	25	30	27	26	37	35	33	33	35	40	23	[illegible]
Titusville-2 S	Maximum	53	53	45	65	64	68	67	52	52	38	35	59	67	68	67	59	62	56	58	61	69	66	59	59	63	61	66	78	76	68	57	[illegible]
	Minimum	24	32	27	33	42	46	40	22	28	17	21	19	39	44	50	41	42	38	37	24	24	35	25	36	42	38	33	34	41	42	24	33.6
Towanda-1 E	Maximum	52	42	50	68	51	72	58	49	52	42	37	54	67	76	61	62	49	46	57	63	70	72	58	60	62	64	71	81	80	67	48	59.2
	Minimum	18	33	27	24	37	30	44	32	35	22	23	16	32	32	47	33	40	39	30	28	27	30	28	21	40	32	38	33	38	37	25	31.3
Tunkhannock	Maximum	47	42	45	68	64	69	60	49	55	40	39	53	68	76	68	63	47	46	59	63	71	73	64	61	60	68	68	81	80	62	52	60.0
	Minimum	14	31	28	24	35	32	46	27	35	23	19	16	40	33	49	38	39	37	32	23	26	28	29	21	39	32	40	33	38	45	29	31.6

Continued on page 24.

Daily Temperatures for March 1946—Continued from page 23.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	68	58	57	75	75	78	69	61	56	46	42	66	73	76	65	61	70	56	50	64	73	73	69	70	69	59	70	81	78	65	63	65.7
	Minimum	25	37	32	35	50	44	51	35	32	21	29	22	35	42	53	51	46	41	40	31	29	35	35	46	41	52	53	43	60	57	33	39.9
Vandergrift[1]	Maximum	65	48	52	73	72	78	62	58	56	42	42	42	72	76	59	61	67	54	55	65	74	70	62	67	70	58	71	82	78	68	60	63.2
	Minimum	25	35	33	31	42	40	38	31	31	26	28	22	36	37	53	50	47	43	35	27	30	35	30	39	44	45	46	53	45	45	31	37.2
Warren	Maximum	58	46	49	64	58	72	61	50	51	43	36	62	65	74	65	56	60	49	60	65	73	66	58	50	64	60	70	88	71	58	54	59.7
	Minimum	23	31	30	32	40	37	38	28	27	19	20	20	45	36	49	40	45	40	39	26	26	31	27	30	41	35	33	34	41	41	26	33.2
Waynesburg	Maximum	63	60	54	71	73	74	69	59	54	44	42	64	71	64	62	64	71	64	51	63	71	70	61	67	64	61	69	80	77	62	62	63.9
	Minimum	22	36	31	34	41	42	49	34	30	18	27	19	35	40	52	48	42	40	40	25	27	33	33	44	38	49	53	40	51	55	32	37.4
Wellsboro/	Maximum	51	37	48	65	64	67	54	47	42	44	36	55	68	74	56	66	47	42	56	59	72	68	51	56	60	62	70	81	77	53	45	57.2
	Minimum	17	18	31	29	35	29	32	29	29	21	21	15	24	31	31	31	32	36	32	22	22	24	27	20	22	30	31	33	34	36	24	27.4
West Chester	Maximum	51	46	51	71	76	64	70	57	60	48	44	57	68	75	65	58	51	44	51	60	66	71	60	54	59	61	71	78	74	62	57	60.6
	Minimum	26	31	33	33	44	37	51	44	40	32	30	24	33	44	50	43	40	36	37	32	36	34	35	32	40	47	47	47	49	55	35	38.6
Wilkes-Barre[1], Apt. -8N.	Maximum	48	45	48	69	67	68	58	53	54	41	38	52	67	76	57	65	49	47	56	63	74	72	53	60	59	66	70	79	80	64	51	59.6
	Minimum	20	32	30	27	39	41	44	32	34	26	24	20	32	35	48	41	44	40	32	28	29	31	31	27	42	37	44	37	42	37	31	34.1
Williamsport Arpt.[1]-4 E	Maximum	46	39	50	70	60	68	57	48	49	45	40	53	70	73	59	61	49	47	60	64	69	70	57	55	63	58	72	81	78	68	50	59.0
	Minimum	21	30	28	26	39	31	36	32	34	27	25	19	29	33	48	44	35	38	35	27	29	30	30	26	34	35	45	37	41	36	29	32.5
Williamstown	Maximum	47	43	49	73	72	68	61	55	47	43	43	55	69	72	69	56	58	47	56	64	71	71	67	57	64	66	72	80	77	70	57	61.3
	Minimum	18	31	30	26	36	44	48	33	37	31	20	17	30	36	54	45	38	37	37	22	26	28	32	24	38	37	50	49	44	55	32	35.0
Woodward Apt[1]-2 NE.	Maximum	44	32	43	66	63	64	56	47	47	38	30	51	67	71	52	53	43	35	51	58	65	69	51	43	60	57	68	76	74	56	47	54.1
	Minimum	26	26	29	36	48	47	38	32	25	21	23	22	40	49	47	40	32	31	31	32	40	35	24	33	34	47	43	45	54	30	23	34.9
York-3 SW	Maximum	54	51	55	75	76	75	70	60	60	62	50	58	72	76	72	63	58	50	55	65	70	73	72	60	75	65	74	82	79	68	61	65.7
	Minimum	21	33	30	28	35	35	51	37	21	28	26	22	30	38	56	46	41	38	37	24	26	28	33	28	40	45	46	42	44	58	31	35.4

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.44	11	29.50	9	8.6	24	sw.	28	74	67	76	70	572
Harrisburg	30.47	12	29.58	9	7.9	31	w.	9	80	53	59	62	500
Philadelphia	30.50	12	29.58	9	7.4	21	sw.	7	81	46	62	62	421
Philipsburg	30.39	12	29.58	9	.....	38[a]	w.	9	79	55	62	.....	705
Pittsburgh	30.41	11	29.59	28	10.7	35	sw.	9	77	51	57	56	431
Reading	30.52	12	29.58	9	11.0	45	w.	9	71	.....	.....	63	464
Scranton	30.47	12	29.51	9	6.4	26	sw.	9	85	68†	.....	64	558

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.9	9.3	10	2.9	1	18
Easton	Delaware	6.5	14.0	10	3.7	1	22
Lehighton	Lehigh	4.6	5.6	9	3.6	1	9
Reading	Schuylkill	6.5	8.3	27	5.6	26	13
Wilkes-Barre	N. Br. Susquehanna	9.9	19.0	10	5.0	31	22
Williamsport	W. Br. Susquehanna	7.4	13.6	9	4.2	30	20
Newport	Juniata	7.1	10.0	10	5.6	26	22
Harrisburg	Susquehanna	6.7	11.8	10	4.9	31	17
Schenley, (nr) Lock No. 5.	Allegheny	16.5	20.0	10	13.8	31	24
Sutersville	Youghiogheny	5.7	7.2	28	4.4	26	20
Charleroi (nr.), Lock No. 4	Monongahela	14.7	17.6	16	13.0	25	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	21 1	1	*	.....	30

* Pool stage. † On other days also.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																						22	5	5	1	5	10				
Fog, heavy		11						12	26	4				4	13	6	4	4					5	7	15	7	8	6	8		
Frost, killing																															
Glaze		1	1															3	2												
Hail								2	2															2							
Rain, heavy										1								2	5				1								
Sleet		1																													
Snow, heavy																															
Thunderstorms									6								2							11							
Winds, high		4	9	5		6	3	9	38		5		3			4		5	3			6	3							9	

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

(W. B. O., Philadelphia—5-28-46—975)

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER
HARRISBURG, PA.

VOL. LI. APRIL 1946. No. 4.

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GENERAL SUMMARY.

This was the driest April of record, with the average precipitation, 1.19 inches, only 35% of normal and 75% of the previous record low average for April, 1.57 inches, which was established in 1900. High pressure systems maintained a flow of cool, dry air over Pennsylvania most of the month and cyclonic systems produced less precipitation than usual, due to the swift passage of their centers far to the north or south of the State. This was the fifth consecutive month with sub-normal precipitation. The year, to date, is the second driest of the period of record, with an accumulated total for the first four months of 8.06 inches. Only 1941 was drier, having a total of 7.78 inches for the same period.

After the rapid advance of vegetation during March, frost was a constant danger. It materialized on a number of days, doing its most serious damage in commercial fruit areas on the 11th and 28th. Fortunately, cool temperatures had retarded vegetal growth, so that frost damage was lessened.

A low pressure system, developing as a wave along an advancing edge of cold air over the west Gulf States, produced greatest 24-hour measurements at many eastern stations as it passed up the Atlantic Coast about the 26th. These amounts were important only in that they were more than half the month's total at about 50% of the affected stations. In north-central and northeastern counties, precipitation in this storm fell as snow, producing the only significant measurements of the month. Minor wind damage occurred in the southwest counties on the 4th during the passage of a deep low, moving northeastward from Colorado.

The lack of rain became increasingly serious, and drought conditions were developing in the southeast at the close of the month. The ground became hard, and farmers were forced to delay completion of plowing and planting. Forest growth, which had been ahead of normal, dried out, presenting a dangerous fire hazard. Forest and brush fires were more numerous than usual, but constant vigilance and quick action by fire-fighting crews kept losses low. Rivers were at low levels throughout the month.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 85 stations was 47.8°, which is 0.8° below the 59-year normal for April. The highest monthly mean was 52.8° at Philadelphia City Office and the lowest was 40.6° at Kane. Extremes ranged from a maximum of 88° at Hewitt on the 22d and at Burnt Cabins, Columbia, and York on the 23d to a minimum of 13° at Kane on the 11th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 217 stations, was 1.19 inches, which is 2.22 inches below the 59-year normal for April. The greatest monthly amount was 2.78 inches at Donegal, while the least was 0.49 inch at Lewistown The greatest amount recorded in any 24 consecutive hours was 1.25 inches at Newell on the 23d.

The average snowfall for the State was 0.3 inch, which is 1.8 inches below the 59-year normal. The greatest monthly snowfall was 4.8 inches at Eagles Mere. The greatest fall for any observational day was 4.8 inches at Eagles Mere on the 26-27th.

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	47.2	92	12	2.52	1.3	8	14	10	6
1889	49.7	88	14	4.50	0.9	11	11	8	11
1890	48.6	85	12	3.46	0.4	10	14	8	8
1891	49.8	87	11	2.08	1.2	8	13	9	8
1892	46.9	85	14	2.04	1.1	10	10	10	10
1893	47.7	85	16	4.74	0.6	14	7	10	13
1894	48.0	83	5	3.62	14.7	11	11	8	11
1895	49.2	90	5	3.76	0.2	10	10	8	12
1896	53.0	97	4	1.75	0.9	8	10	10	10
1897	49.0	92	12	3.30	0.3	10	12	9	9
1898	45.6	84	4	2.93	2.5	12	9	8	13
1899	50.2	92	2	1.76	0.5	6	15	9	6
1900	49.2	90	13	1.57	0.9	8	14	8	8
1901	47.2	95	10	5.41	4.9	11	9	5	16
1902	48.0	91	20	3.56	3.0	9	8	10	12
1903	48.8	90	12	3.53	T.	10	11	7	12
1904	44.7	86	9	3.45	1.0	13	8	8	14
1905	48.4	84	16	2.84	2.8	12	9	11	10
1906	50.0	89	12	3.13	0.6	9	14	8	8
1907	43.6	84	8	2.64	4.0	11	10	7	13
1908	49.8	89	0	3.51	1.0	12	12	8	10
1909	48.5	87	8	5.39	2.6	13	10	9	11
1910	52.6	89	13	5.07	0.6	13	10	9	11
1911	46.2	84	6	3.79	4.4	13	11	7	12
1912	50.2	83	18	4.39	1.6	15	10	7	13
1913	50.6	90	17	3.82	0.2	11	12	6	12
1914	47.3	93	5	4.66	1.1	14	10	8	12
1915	53.9	98	15	1.92	1.6	8	13	10	7
1916	48.0	87	16	3.65	5.6	14	9	9	12
1917	48.5	87	14	2.08	2.6	9	11	10	9
1918	48.2	81	12	4.53	10.8	14	10	9	11
1919	48.5	90	6	2.70	1.2	11	10	10	10
1920	46.0	87	8	4.39	3.0	16	9	9	12
1921	55.3	96	10	3.11	0.8	11	13	7	10
1922	50.1	91	11	3.17	0.4	12	12	9	9
1923	48.3	89	−5	2.94	1.9	9	14	8	8
1924	46.5	82	6	4.15	7.4	12	13	7	10
1925	51.3	96	9	2.32	0.5	10	15	7	8
1926	44.9	84	9	2.03	0.9	9	12	9	9
1927	47.7	92	17	3.52	1.0	13	12	7	11
1928	46.0	88	11	5.50	6.5	13	12	8	10
1929	51.4	94	19	6.12	1.1	15	9	8	13
1930	48.2	92	9	2.71	1.1	10	11	8	11
1931	48.4	85	16	3.33	2.3	10	14	6	10
1932	47.0	86	14	1.71	1.2	8	14	6	10
1933	50.9	89	15	4.49	0.5	13	12	8	10
1934	48.9	86	14	3.06	0.6	11	13	8	9
1935	47.1	91	12	2.56	2.9	11	11	7	12
1936	46.1	90	14	3.01	1.3	14	8	8	14
1937	47.7	89	19	5.53	0.2	14	9	8	13
1938	51.3	92	11	2.85	3.5	10	13	7	10
1939	46.7	90	9	3.70	1.0	15	7	9	14
1940	45.1	82	9	5.30	2.3	12	9	7	14
1941	55.1	94	18	2.02	T.	6	17	7	6
1942	52.8	94	14	2.21	4.5	7	13	8	9
1943	43.1	83	7	3.97	3.7	14	9	9	12
1944	45.5	81	6	4.06	2.5	16	7	8	15
1945	52.4	90	18	4.17	T.	13	10	8	12
1946	47.8	88	13	1.19	0.3	9	11	9	10
Period	48.6	98	−5	3.41	2.1	11	11	8	11

Climatological Data for April 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	48.8	+0.1	85	23	25	8	0.64	−2.76	0.17	2	T	10	9	8	13	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	48.4	+0.3	83	22	22	11	1.42	−2.03	0.44	23	0	11	17	10	3	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	48.6		88	23	20	11	1.06		0.29	2	0	11	13	6	11	w.	Penna. Turnpike Comm.
Canton-1 NW	Bradford	1,450	6	44.4§		82	23	24	11†	1.25		0.64	26-27	1.0	11	11	13	6	nw.	Mrs. E. Dillon Stone.
Carlisle	Cumberland	473	77	52.3	+1.6	85	23	28	11	0.84	−2.70	0.52	25-26	0	8	15	10	5	nw.	Clarence E. Miller.
Chambersburg-1 SW.	Franklin	600	50	49.8	−0.7	86	23	23	11	0.99	−2.22	0.28	25	0	8	12	12	6	nw.	Charles A. Bender.
Coatesville	Chester	431	58	49.5	−1.0	85	23	26	28	1.35	−2.38	0.55	25	T	8	13	4	13	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	3	43.6		80	22	18	7†	1.06		0.36	26	T.	12	5	12	13	nw.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	42.4		82	23	22	1†	0.82	−2.85	0.39	26-27	4.8	6	13	7	10	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	47.8		81	23	26	11	0.93	−2.85	0.31	26-27	0.2	9	7	13	10	nw.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	59	47.0	+0.3	86	22	17	11	1.22	−2.30	0.67	14-15	T.	9	11	3	16	n.	R. E. Palmateer.
Ephrata	Lancaster	365	48	52.1	+1.5	87	23	30	7†	1.00	−2.40	0.29	26-27	0	10	5	19	6	s.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	47.0	−1.9	79	22	21	1	0.82	−2.38	0.24	2	0	8				nw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	47.4§	+2.9	81	23	24	1†	0.88	−3.16	0.22	15	3.4	8	6	8	16		Andrew B. Evansha.
George School	Bucks	184	39	50.0	−0.4	80	23	26	8	1.23	−2.33	0.70	25-26	0	9	14	9	7	nw.	George M. Hart.
Gettysburg	Adams	500	72	52.5	+1.5	87	23	28	11	0.87	−2.78	0.25	25-26	0	8	14	10	6	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	47.8	+0.2	85	23	23	13	1.16	−2.94	0.62	26-27	T.	11	12	13	5	ne.	Miss Sallie M. Johnson.
Hanover	York	600	41	52.1	−0.3	87	23	28	11	0.72	−2.84	0.20	2	0	8	15	9	6	w.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	51.7	+0.8	86	23	30	11	0.57	−2.12	0.24	25-26	0	8	6	10	14	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	45.4	−0.2	85	23	19	8	1.52	−1.75	0.34	26-27	3.0	11	11	11	8	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	52.6	+1.1	81	22	35	7†	0.99	−2.03	0.31	25-26	T.	7	14	7	9	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	58	48.8	−0.6	87	22	20	11	0.96	−2.51	0.46	23	0	5	14	8	8	nw.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	58	50.8	+1.2	84	22†	24	11	1.17	−2.34	0.29	25-26	0	10	20	4	6	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	46.2	+0.2	86	23	20	11	1.10	−1.76	0.90	26-27	3.0	5	14	5	11		Carlos P. Darling.
Lebanon	Lebanon	469	61	50.4	+0.1	87	23	28	11	0.73	−2.74	0.30	25-26	0	5	18	8	4	n.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	7	51.0		87	22†	25	11	0.49		0.26	23	0	7	9	12	9	w.	American Viscose Co.
Lock Haven	Clinton	557	54	50.8	+0.5	87	22	25	11	0.54	−2.91	0.30	26-27	T	6	15	7	8	e.	William R. Kelley.
Marcus Hook	Delaware	12	19							1.53	−2.06	0.60	25	0	8	17	5	8	nw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	47.2		82	22	23	11	1.21		0.31	23	T.	8	7	9	14	nw.	U. S Weather Bureau
Montrose-3 E	Susquehanna	1,176	40	42.2	−1.5	81	23	23	8†	0.77	−2.59	0.28	15	1.5	10	9	7	14	n.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	42.4	0.0	80	23	21	8	1.59	−2.30	0.33	15	1.0	11	11	3	16	n.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	47.2	−1.1	81	22†	25	8†	0.50	−2.62	0.14	2	T.	7	18	6	6	nw.	New Jersey Zinc Co.
Philadelphia	Philadelphia	10	4	52.8	+0.7	82	23	36	11	1.46	−1.59	0.82	25-26	0	7	8	10	12	nw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	43.2		81	22	15	11	0.88		0.27	26	T	8	6	12	12	nw.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	52.1	+0.3	85	23	23	7	0.85	−2.70	0.55	25-26	0	4	16	9	5	w.	Phila.-Suburban Water Co.
Port Clinton††	Schuylkill	407	7	48.5	−1.0	82	22	24	11	1.15	−2.99	0.38	25-26	0	9	17	8	5		Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	49.0	+0.4	81	23	23	8	0.94	−2.51	0.33	25-26	0	10	14	8	8	n.	John E. Benner.
Reading	Berks	273	75	51.8	+1.0	85	23	32	11	0.66	−2.61	0.33	25-26	0	10	7	10	13	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	47.4	−0.7	84	23	25	8	1.02	−1.75	0.34	15	1.0	12	8	11	11	nw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	48.8	−0.6	83	23	21	11	1.29	−1.26	0.96	26-27	0	8	10	8	12	sw.	Dr. George E. Fisher.
State College	Centre	1,217	60	49.6	+2.0	84	22	25	11	0.63	−2.81	0.24	26	T	5	9	10	11	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	50.7	+2.3	85	22†	23	8	1.09	−2.61	0.22	25-26	T.	12	14	5	11	n.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	5	44.4		83	22	23	7†	0.88		0.33	26-27	1.0	9	11	10	9	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	46.8	+0.3	85	23	20	8	0.87	−2.05	0.47	26-27	1.8	8	9	14	7	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	43.2	−1.3	83	22†	18	11†	0.76	−2.51	0.44	26-27	2.3	10	9	11	10	w.	M. S. Bliss.
West Chester	Chester	440	96	51.2	−1.2	82	23	30	28	1.37	−2.39	0.37	26	T.	9	11	11	8	nw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	7	47.5		87	23	24	11	0.96		0.32	15	T.	10	6	8	16	nw.	U.S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	1	48.0		86	23	27	8†	0.99		0.64	26-27	T	9	7	8	15	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	29	49.8	+0.1	85	23	26	11	1.55	−1.75	0.90	26-27	T	8	6	19	5		Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	45.8		82	23	24	11	0.63		0.33	26-27	1.3	8	9	4	17	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	52.0	+0.9	88	23	23	11	1.23	−2.02	0.40	2-3	0	9	11	13	6	w.	York Water Co.
Division mean				48.5		88	22†	15	11	1.00		0.99	26-27	0.5	8	11	9	10	nw.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	45.9		78	22	23	10†	1.62	−2.54	0.50	26	T	11	6	4	20	nw.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	28	42.6	−2.5	79	22	17	28	1.57	−2.09	0.77	15	T.	10	8	14	8	nw.	City Water Dept.
Brookville Apt.-1.5 SW.	Jefferson	1,400	55	44.4	−0.5	80	22†	18	11	1.52	−1.60	0.76	15	T.	11	8	1	21	w.	Civil Aeronautics Authority
Butler	Butler	1,077	32	48.8	+0.5	82	5	19	11	1.60	−1.83	0.71	15-16	T.	7	13	7	10	se.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	46.4		83	22	17	11	1.71	−2.01	0.82	15	0	12	9	10	11	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	47.0	−3.4	80	22	21	7	2.14	−1.37	0.69	15	0	9	13	5	12	w.	Walter B. Paget.
Corry	Erie	1,410	31	43.6	−1.5	81	22	15	11	1.63	−2.03	0.67	15	T.	12	12	9	9	nw.	J. Fred Kinley.
Coudersport	Potter	1,653	21	44.2	−0.6	82	22	15	11	1.12	−2.53	0.50	25-26	T.	7	15	9	6	n.	Potter Enterprise.
Derry	Westmoreland	1,150	48					21	11	1.76	−2.06	0.91	15	T.	8	13	12	5	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	43.8		78	22	16	7	2.78		1.05	15	T.	14	9	17	4	nw.	Penna. Turnpike Comm.
Donora	Washington	761	19	51.4	−0.5	83	22	28	7	1.75	−1.88	0.68	15	T.	10	11	7	12	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	44.6	−0.6	78	22	20	11	1.60	−1.90	0.74	15	T	7	8	6	16	nw.	John L. McGough.
Farrell	Mercer	855	32	50.0	+1.1	85	22	23	11	1.22	−1.84	0.62	15	T	5	5	12	3	sw.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	2	46.6		82	22	20	11	1.57		0.66	23	0	11	16	4	10	w.	U.S. Engineers.
Franklin	Venango	987	71	45.2	−0.9	83	22	20	11	1.36	−1.82	0.86	15	T	8	17	5	8	n.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	47.7	−2.6	80	22	17	7	1.66	−2.12	0.91	15	T.	12	12	3	15	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44			80	22			1.82	−2.15	0.60	15	T.	13	12	12	6	sw.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	46.2		83	22	18	11†	1.38	−1.80	0.63	15		7				se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	49.9	+0.1	87	22	26	11	1.90	−2.17	0.90	15	T.	11	10	10	10	s.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1,750	30	40.6		81	22	13	11	1.83	−2.05	0.95	15	0.5	13	14	3	13	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	51	44.4	−1.2	82	22	17	11	1.45	−1.89	0.67	15	T.	7	9	12	9	nw.	City of Meadville.
Midland	Beaver	780	9	48.9	−1.4	80	23	26	7†	1.35	−2.28	0.60	15	0	11	10	13	7	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	48.7	+0.1	83	22	20	11	1.36	−1.71	0.70	15	0	10	7	14	9	n.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	12	50.0	+0.8	81	22	28	11	1.15	−1.76	0.54	15	T	9	4	12	14	nw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	45.0		80	22	17	11	1.57		0.68	15	0	10	9	7	14	ne	U.S. Engineers.
Ridgway	Elk	1,385	38	43.5	−1.7	85	22	14	11	1.43	−1.68	0.79	15	T.	10	13	6	11	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	45.6	−0.6	80	22	17	11	1.24	−3.25	0.37	23	T.	12	5	4	21	nw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	44.2	−1.3	77	22	16	7	2.07	−1.93	0.61	2	0.2	16	6	4	20	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	45.0		81	22	20	11	1.83	−1.55	0.91	15	T.	11	12	7	11	nw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	44.7		79	22	17	11	1.62		0.88	15	0	11	4	23	3	nw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	52.0	+0.6	85	22	25	7†	1.91	−1.85	0.74	23-24	T.	13	9	13	8	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	49.6	−0.9	84	22	23	7†	1.62	−1.48	0.70	15	0	6	14	15	1		Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	57	45.7	+0.8	84	22	20	28	1.03	−2.50	0.38	15	T.	10	14	7	9	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	50.0	−0.5	83	22	24	7†	2.14	−1.32	1.19	23-24	T.	9	6	14	10	nw.	Thomas S Knox.
Division mean				46.6		87	22	18	11	1.63		1.25	23	T.	10	10	9	11	nw.	
Lake Drainage																				
Albion	Erie	900	2																	
Erie	Erie	705	72	46.8	+1.7	78	22	29	11	1.31	−1.42	0.93	15	T.	9	8	13	9	w.	U. S. Weather Bureau.
State mean				47.8	−0.8	88	22†	18	11	1.19	−2.22	1.25	23	0.8	9	11	9	10	nw.	

[See page 32 for explanation of reference marks.]

Daily Precipitation for April 1946

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	....	....	.16	....	....	....	....	....	.11	....	....	....	....	....	....	.02	.02	....	....	....	....	....	....	....	....	.26	.12	....	....	.17	....	0.86
Equinunk[2]	Wayne	....	.05	.10	.03	.15	.04	.03	....	.35	.03	.02	....	....	....	.02	.38	....	....	....	.08	....	....	....	.02	....	.03	.29	.10	....	.02	....	1.74
Hawley[2], 0.5 E	Wayne	....	.08	.13	.01	.04	T.	T.	....	.26	T.	....	....	....	....	T.	.28	....	....	T.	.05	....	....	....	....	....	.16	.34	.04	....	.13	....	1.52
Honesdale[2]	Wayne	....	.08	.09	.02	.03	.01	....	....	.23	.02	....	....	....	....	T.	.39	....	....	.06	.02	....	....	....	.02	....	.04	.31	.08	T.	.07	....	1.42
Hollisterville[2]	Wayne	T.	.03	.09	.02	.03	.01	....	....	.23	.02	....	....	....	....	.01	.21	....	....	....	.02	....	....	....	....	....	.14	.27	....	T	.07	....	1.34
Lakeville[2], 1 N	Wayne	T.	.04	.09	....	.01	.01	....	....	.47	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Matamoras[2]	Pike	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Milanville[2]	Wayne	....	.06	....	T.	.10	....	.03	....	.35	.02	....	....	....	....	T.	.38	....	....	....	....	....	....	....	....	....	.15	.41	....	....	.11	....	1.61
Mount Pocono[1, 5], 2 N	Monroe	.05	.32	T.	.03	T.	T.	....	.14	.07	....	....	....	....	....	.33	T.	....	....	T.	.03	....	....	T.	T.	.10	.16	.26	....	.10	....	....	1.59
Pecks Pond[2]	Pike	....	.02	.13	....	....	....	....	....	.15	....	....	....	....	....	....	.13	....	....	....	T.	....	....	....	....	....	.23	.21	.03	T	.08	....	0.98
Pleasant Mount[1, 5], 1 W	Wayne	....	.01	....	.13	.10	.03	....	.28	.06	....	....	....	....	....	.67	....	....	....	....	.03	....	....	.10	.02	....	.17	.24	....	....	....	....	1.84
Stroudsburg, 2 E	Monroe	....	.08	.11	.03	.21	.01	....	.01	.11	....	....	....	....	....	T.	.13	....	....	.01	....	....	....	....	....	....	.22	.08	....	.09	....	....	1.09
Tanners Falls[1, 5], 1 SE	Wayne	....	....	....	.12	.03	....	....	.30	.05	....	....	....	....	....	.50	....	....	.08	....	....	....	....	....	....	....	....	.26	....	.05	....	....	1.39
Wind Gap[1, 5], 3SW	N'rthampton	....	.11	....	....	....	....	....	.10	....	....	....	....	....	....	.14	.03	....	....	....	....	....	....	....	....	.08	.16	.07	....	.04	....	....	0.73
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh	T.	.17	....	.02	....	....	....	.02	T.	....	....	....	....	....	.08	.01	....	T.	....	.01	....	....	T.	T.	.10	.11	.03	....	.09	....	....	0.64
Allentown[2]	Lehigh	....	T.	.12	.01	T.	....	....	....	.05	....	....	....	....	....	....	.11	....	....	....	.02	....	....	....	....	....	.24	.14	.01	.01	.06	....	0.77
Bethlehem[1]	N'rthampton	.01	.16	....	.02	....	....	....	.09	....	....	....	....	....	....	.09	.01	....	....	....	.02	....	....	....	....	.19	.14	.08	....	.04	....	....	0.85
Blakeslee Corners[1, 5]	Monroe	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	....	.12	.03	.07	....	....	0.72
Gouldsboro[2]	Wayne	....	.04	.29	.21	.12	....	....	....	.17	....	....	....	....	....	....	.47	....	....	....	.03	....	....	....	T.	....	.17	.36	.10	.02	.10	....	2.08
Lansford[2]	Carbon	....	T.	.13	.03	....	....	....	....	.13	....	....	....	....	....	....	.14	....	....	....	T.	....	....	....	....	....	.43	.21	....	.05	....	....	1.12
Mauch Chunk, 1 SW	Carbon	....	....	.11	....	.04	....	....	.09	.06	....	....	....	....	....	....	.18	....	....	....	.08	....	....	....	....	....	.38	.28	....	.06	T.	....	1.28
New Tripoli	Lehigh	....	....	.10	.02	T.	....	....	.08	.05	....	....	....	....	....	.01	.10	....	....	....	....	....	....	....	....	T.	.28	.22	....	.03	....	....	0.89
Palmerton[1, 5]	Carbon	T.	.14	....	.03	....	....	....	.07	T.	....	....	....	....	....	.07	T.	....	T.	....	....	....	....	....	....	.05	.13	T.	....	.01	....	....	0.50
Zionsville, 1 SW	Lehigh	....	....	....	....	....	....	....	.05	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	.25	.25	....	.05	....	....	0.85
SCHUYLKILL																																	
Conshohocken	Montgomery	....	T.	*	*	....	....	....	*	.46	....	....	....	....	....	....	....	....	....	....	....	....	....	.16	.15	.03	.37	T.	....	.01	....	....	1.18
Fredericksville[2], 1 S	Berks	....	....	T.	T.	....	T	....	....	T.	....	....	....	T.	....	....	.06	....	....	T.	.06	....	....	....	....	....	.26	.18	.01	.05	.01	....	0 63
Geigertown[2]	Berks	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	.04	....	....	....	....	....	....	....	....	....	.50	.10	....	.07	....	....	0.91
Gratersford[2]	Montgomery	....	....	.31	.02	....	....	....	....	.09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	.43	.12	....	....	.07	....	1 04
Phoenixville[2], 1.5 SE	Chester	....	T.	.03	T.	T.	....	....	....	.27	....	....	....	T.	....	....	T.	....	....	....	T.	....	....	....	....	....	.43	.12	T.	T.	T	....	0.85
Port Clinton[2]	Schuylkill	....	....	.18	.06	....	....	....	....	*	....	....	....	....	....	....	.08	....	....	....	.11	....	....	....	....	....	.38	.26	....	.05	.03	....	1.15
Pottstown[2], 0.5 S	Montgomery	....	T.	.02	.03	....	....	....	....	.17	....	....	....	....	....	....	.04	....	....	....	.02	....	....	....	....	....	.44	.09	T.	T.	.05	....	0.86
Pottsville[2]	Schuylkill	....	....	.08	....	....	....	....	....	.09	....	....	....	....	....	....	.08	....	....	....	T.	....	....	....	....	....	.43	.28	T.	....	.04	....	1 00
Reading[1, 5]	Berks	T	.02	T.	.01	....	....	....	.12	....	....	....	....	....	....	.01	.02	....	T	T	.01	....	....	T.	....	.22	.17	.06	....	.02	....	....	0.66
Strausstown[2]	Berks	....	....	.01	.01	....	....	....	....	.10	....	....	....	....	....	....	.07	....	....	T.	.04	....	....	....	....	....	.43	.43	.02	.01	.02	....	1.14
Virginville[2]	Berks	....	T.	.01	.02	T.	....	....	....	.08	....	....	....	....	....	....	.11	....	....	T.	....	....	....	....	T.	....	.27	.22	....	.05	.02	....	0.78
Wernersville	Berks	T.	....	T.	T.	....	....	....	.10	.03	....	....	....	....	....	T.	.02	....	T.	....	.03	....	....	....	....	.08	.31	.07	....	.05	T.	....	0.69
LOWER DELAWARE																																	
Coatesville[2]	Chester	....	....	.06	T.	....	....	....	....	.30	....	....	....	....	....	....	.07	....	....	....	....	....	....	....	....	....	.55	.17	.03	.03	.14	....	1.35
Doylestown	Bucks	....	.02	.13	.01	....	....	....	.12	.06	....	....	....	....	....	....	....	....	....	....	.02	....	....	....	....	.18	.50	.20	....	.09	....	....	1.33
George School[6]	Bucks	....	T.	.09	.02	....	....	....	.15	.03	....	....	....	....	....	....	T.	....	....	....	.01	....	....	....	....	.22	.48	.09	....	.14	....	....	1.23
Maple Glen[7]	Montgomery	....	....	.03	.02	....	....	....	....	.18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.70	.13	T.	.11	T.	....	1.17
Marcus Hook[2]	Delaware	....	....	.32	....	....	T.	....	....	.30	....	....	....	.02	....	....	.02	....	....	....	....	....	....	....	....	....	.60	.20	....	.04	.03	....	1.53
Philadelphia																																	
Southwest Airport, [1]	Philadelphia	.01	.12	....	.03	T.	T.	....	.25	T.	....	....	.07	....	....	T.	.02	....	....	....	T.	....	....	T.	T	.61	.09	.02	....	.21	....	....	1.43
City Office[1, 5]	Philadelphia	T.	.15	....	.02	....	T.	....	.26	T.	....	....	T.	....	....	T.	.01	....	T.	....	T	....	....	T.	T.	.69	.13	T.	....	.20	....	....	1.46
Shawmont	Philadelphia	....	....	.10	....	....	....	....	.20	.04	.02	....	.02	....	....	....	.04	....	....	....	....	....	....	....	....	.19	.46	.08	....	.16	....	....	1 31
Quakertown, 0.5 E	Bucks	....	.02	.06	.03	....	....	....	.07	.08	....	....	....	....	....	....	.05	....	....	....	....	....	....	....	....	.09	.33	.15	....	.06	....	....	0.94
West Chester	Chester	....	.04	....	.01	....	....	....	.28	.04	....	....	....	....	....	....	.06	....	....	....	....	....	....	....	....	.34	.37	.06	....	.17	....	....	1.37
West Grove[2], 1.5 SE	Chester	....	....	.43	.02	T.	....	....	....	.35	....	....	....	....	....	....	.04	....	....	....	....	....	....	....	....	....	.51	.11	T.	*	.26	....	1.72
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	....	....	....	....	....	....	....	....	.01	....	....	....	....	....	.07	....	....	....	.08	....	....	....	.07	....	....	.32	.14	....	....	....	....	0.69
Covington[2]	Tioga	....	....	.11	.04	....	....	....	....	.05	....	....	....	....	....	.04	.11	....	....	....	T.	....	....	....	.10	....	....	.70	T.	.04	....	....	1.19
Lawrenceville	Tioga	....	T.	....	T.	....	....	....	.05	....	....	....	....	....	....	.10	....	....	....	....	.05	....	....	....	....	....	.45	.45	....	T.	....	....	1.10
NORTH BRANCH																																	
Berwick	Columbia	....	....	.12	.03	....	T.	....	.03	.01	....	....	....	....	....	T.	.04	....	....	....	.08	....	....	....	....	T.	.03	.40	....	T.	....	....	0.74
Canton[2], 1 NW	Bradford	....	T.	.11	.06	T.	....	....	....	.11	.04	....	....	....	....	.04	.11	....	....	....	.03	....	....	....	.09	....	....	.62	.02	.02	....	....	1.25
Danville[2]	Montour	....	....	*	*	....	....	....	....	*	....	....	....	....	....	....	.15	....	....	....	.04	....	....	....	T.	....	.03	.71	.03	....	....	....	0.96
Freeland[2]	Luzerne	....	....	....	.04	....	T.	T.	....	.05	....	....	....	....	....	....	.22	....	T.	....	.06	....	....	....	T.	....	.12	*	.34	T.	.05	....	0.88
Hop Bottom[2], 2 S	Susquehanna	....	....	.05	T.	.03	....	.01	....	.32	T.	....	....	....	....	....	.03	....	....	....	....	....	....	....	.02	....	....	.35	.02	....	....	....	0.83
Millville[1, 5]	Columbia	....	.14	....	.02	....	....	....	.04	....	....	....	....	....	....	.06	....	....	....	....	....	....	....	.02	....	....	*	.41	....	....	....	....	$1.69
Monroeton[2], 2 S	Bradford	T.	T.	.25	.04	.02	T.	T.	....	.16	....	T.	....	....	....	.01	.09	....	....	T.	T.	....	....	....	.06	....	....	.41	.03	....	....	....	1.07
Montrose[2], 3 E	Susquehanna	T.	.01	T.	T.	.12	T.	.01	....	.02	T.	T.	....	....	....	.01	.27	....	....	.01	.01	....	....	....	.09	....	T.	.22	T.	....	....	....	0.77
Orwell[2], 3 N	Bradford	....	....	....	....	.05	....	.07	....	.21	.02	....	....	....	....	.01	.13	....	....	.01	....	....	....	....	.18	....	....	.25	.04	....	....	....	0.97
Park Place[1], 1 NW	Schuylkill	....	.08	....	T.	T.	T.	....	.10	.01	....	....	....	....	....	.14	.01	....	T	T.	T.	....	....	T.	T.	.17	.07	.26	....	.04	....	....	0.88
Pikes Creek[1, 5]	Luzerne	....	.20	....	....	....	....	....	.08	....	....	....	....	....	....	.22	....	....	....	....	....	....	....	....	....	....	.07	.09	....	....	....	....	0.66
Rush[2]	Susquehanna	....	T.	....	....	....	.07	....	....	.20	.03	....	....	....	....	.03	.20	....	....	.02	.04	....	....	....	.16	....	....	.34	.02	....	....	....	1.11
Scranton[1, 5]	Lackawanna	.01	.14	....	.06	T.	T.	....	.12	T	....	....	....	....	....	.34	....	....	.01	....	.02	....	....	.02	T.	.01	.13	.15	....	.01	....	....	1.02
Susquehanna[2]	Susquehanna	T.	.02	.09	....	.28	.04	.02	....	.27	.02	....	....	....	....	.04	.37	....	....	.08	.02	T.	....	....	.07	....	T	.25	.07	....	....	....	1.64
Towanda, 1 E	Bradford	T.	T	T.	.03	T.	T.	....	.18	.01	T.	....	T.	....	....	.05	.02	....	T.	....	T.	....	....	T.	.09	....	.13	.36	....	....	....	....	0.87
Tunkhannock	Wyoming	....	....	.08	....	.14	....	....	*	.19	....	....	....	....	....	....	.14	....	....	....	....	....	....	....	.05	....	.02	.30	....	....	....	....	0.92
Wilkes-Barre[1], 3 N	Luzerne	T.	.24	....	.02	T	T.	....	.04	.01	T.	....	....	....	....	.32	....	....	T.	T.	T.	....	....	.01	T	.01	.17	.13	....	.01	....	....	0.96
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	....	....	.01	....	....	....	....	....	.03	....	....	....	....	....	....	.12	....	....	....	.01	....	....	....	.02	....	....	.70	....	T.	....	....	0.89
Carrolltown[2]	Cambria	....	.07	.05	....	T	T.	....	....	.02	....	....	....	....	....	....	.64	....	....	T.	T.	....	....	....	.42	....	.02	.39	....	.02	T.	....	1.63
Carter Camp[2]	Potter	....	....	.21	....	T.	....	....	....	.03	....	....	....	....	....	.10	.28	....	....	....	.06	....	....	....	.09	....	....	.09	....	.15	....	....	1.01
Cedar Run[2]	Lycoming	....	....	.18	.02	.02	....	.03	....	.04	....	....	....	....	....	.02	.18	....	....	....	.06	....	....	....	.03	....	....	.38	....	....	....	....	0.96
Clearfield[2]	Clearfield	....	T.	.01	T	....	T.	....	....	T.	....	....	....	....	....	....	.35	....	....	....	.03	....	....	....	.12	....	T.	.09	....	.01	....	....	0.61
Coalport[2]	Clearfield	....	....	*	....	....	....	....	....	*	....	....	....	....	....	....	*	....	....	....	*	....	....	....	.42	....	....	.40	....	....	....	....	0 82
CurwensvilleApt[1] 6NW	Clearfield	.01	.03	T.	.02	T.	.03	....	.01	T.	....	....	....	....	....	.21	....	....	.04	.03	.03	....	....	.28	....	....	.36	T.	....	.01	....	....	1.06
Driftwood[1, 5]	Cameron	....	.04	....	....	....	....	....	....	....	....	....	....	....	....	.30	....	....	....	.04	.03	....	....	.01	.02	....	.18	....	....	....	....	....	0.62
Dushore[1, 5]	Sullivan	....	.27	....	.09	....	....	....	.09	....	....	....	....	....	....	.12	....	....	....	.04	.01	....	....	.06	....	....	.02	.36	....	....	....	....	1.06
Eagles Mere[2]	Sullivan	....	T.	.16	....	....	T.	....	....	.07	T.	....	....	....	....	....	.10	....	....	....	.01	....	....	....	.09	....	....	.39	T.	....	....	....	0.82
Emporium[2], 1 E	Cameron	....	....	.08	T	T.	.04	....	....	.05	....	....	....	....	....	.12	.55	....	....	....	.06	....	....	....	.09	....	....	.18	T.	.05	....	....	1.22
English Center[1, 5]	Lycoming	....	.19	....	....	....	.02	....	.05	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	.02	....	....	.26	.06	....	.01	....	....	0.71
Galeton	Potter	T.	....	.08	T.	.01	.01	....	T.	.02	....	....	....	....	....	.28	.01	....	T.	....	.06	....	....	.02	T.	....	.28	.12	T.	.02	....	....	0.91

Continued on page 28.

Daily Precipitation for April 1946—Continued from page 27.

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
West Branch (continued)																															
Karthaus[2]	Clearfield		T.	.03	T		T.			T.							.19			T.	.06				.18			.11		T.			0.57
Lock Haven[2]	Clinton			.06	.01		T.			.04							.10								.03			.30					0.54
Medix Run[1, 5]	Elk		.14							.05						.44					.05			.08		.01	.24						1.03
Philipsburg[1], 7 E	Centre	T.	T.	T.	.01	T.	T.		.03	T.						.25			T.	.01	.04			.26			.27	T.		.01			0.88
Renovo[2]	Clinton			.07			T.			.01						T.	.17				.03				.10		.28						0.66
State College[1, 5]	Centre	T.	T.	T.	T.	T.	T.		.01	T						.13			T.	T.	.03			.22	T		T.						0.63
Tamarack[2], 2 S	Clinton		T.	.06	T.	.03	T.	.02		.01	T.					.01	.28			T.	.04				.10					T.			0.88
Trout Run	Lycoming								*	.10															T.		*	.43					0.53
Tyrone [1, 5], 4 NE	Blair		.23						.02							.18								.31			.09						0.83
Wellsboro[2]	Tioga			.09	.01		T.	T.		.02	.01					.03	.10				.01				.03	T.		.60	.04				0.76
Williamsport Apt.[1] 4 E	Lycoming	T.	.17	.02	.01	T.	T.		.07	.01						.04			T.	T.	T.			.03	T.			.44	T.	.02			0.99
Williamsport[2]	Lycoming			.26						.03							.03								.04			.41					0.77
Williamsport[2], 4 SE	Lycoming		T.	.03	.03			.02		.07							.08								.03			.48	.01				0.75
Juniata																															
Altoona, 4.5 W	Blair	.08	.03	.13					.03	.05						.20	.19				.02			.30	.14		.25						1.42
Breezewood[1], 0.5 E	Bedford	.07	.25		.02				.03							.04				T.				.12		.05	.15						0.73
Buffalo Mills[2]	Bedford			.50									.09				.15								.19			.05		.04			1.02
Burnt Cabins[1], 2 NE	Fulton	.09	.29						.10	.01			.01			.05			.01					.22		.08	.18		.02				1.06
East Waterford[2], 3 E	Juniata		.01	.08		T.	T.	T.		.07				T			.08			.01	.02				.26		.14	.31	T.	T	T.			0.93
Everett[2], 0.5 SW	Bedford	T.	.10	.24	T					.05			.03				.15								.12		T	.11		.02	T.			0.82
Huntingdon[2]	Huntingdon		.01	T.	T.			T.		.03							.16								.46		T.	.30		T.				0.96
Lewistown[2], 1 W	Mifflin			.01						.04							.08			.02	.03				.26			.05						0.49
Mapleton Depot[2]	Huntingdon		T.	T.						.01							.08								.31			.39						0.79
Martinsburg[1]	Blair	.14	.10		T.	T.	T.		.06	T.			T.			24			T.	T.	.13			.31	T.	T.	.21	T.		.02				1.21
McConnellstown[2], 4 NW	Huntingdon		.01	T.		T.	T.			.04							.36				.03				.45			.22						1.11
Neffs Mills[1, 5], 3.5 NE	Huntingdon		.25													.24																		0.62
New Bloomfield	Perry		T.	.28					.07							T.	.04							.13										1.06
Newport[2]	Perry			.03	T					.10							T.			.01	.02				.14	.12	.33	.08						0.85
Saxton[2], 1 W	Bedford		.11	.24	T.					T.			T.				.25								.12		.25	.32						1.17
Shade Gap[1, 5], 0.5 SW	Huntingdon	.05	.17													.10								.17	.35			.22		T.			0.86
Lwr Susquehanna																									.02	.08	.27						
Arendtsville[2]	Adams		.06	.23						.20			.01				.04				T.				.01		.17	.14		.05				0.91
Beavertown[2]	Snyder			.10	.05					.10							.05			T.	.02				.12			.14						$0.58
Bloserville, 1.5 N	Cumberland	T.	T.	.22					.06	.09						T.	.05		.02						.10	.14	.50	.04						1.22
Carlisle	Cumberland	T.	.08	T.					.06							.02			T.		.02			T.	.08	.20	.32	T.		.06				0 84
Columbia	Lancaster		T	.07					.19	.03						T.	T.		T.						.03	.19	.21	.14		.20				1 06
Dauphin[2], 3 N	Dauphin		T	.02	.01					.08							.02			.01	.03				.07		.42	.52	T.	T.	.02			1.20
Ephrata	Lancaster		T.	.02	.02				.14	.04						T.	.03		.01				T.	T.	T.	.16	.23	.29		.06				1 00
Glen Rock[1, 5]	York		.23						.15																	.14	.20		.05				$0.77
Gordon	Schuylkill			.16	.01	T.			.02	.08						.02	.06								.06	.08	.21	.41		.05				1.16
Grantville, 2 SW	Dauphin		T		.05				.12	.07						.02	.01		.01		.02				.02	12	.16	.15		.06				0.81
Hanover[2]	York		.03	.20						.14			.01				T.			T.	T				T.		.12	.15		.06	.01			0.72
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T.	.04	T.	T.				.09	T.						T.	T.			T.	T.	.01			.03	T.	.14	.21	.01		.04			0.57
Holtwood[2]	Lancaster		T.	.28	.03	T.	T.			.12							.01			T.	T.			T.		.31	.15		.09	T.			0.99
Huntsdale[2]	Cumberland		T	.20	T.					.08							.02			T.	T.				.09		.25	.28		.04				0.96
Kirkwood[1, 5], 1 SW	Lancaster		.39						.25					T.												.42		T.		.12				1.18
Lancaster	Lancaster			.04	.02				*	.22							.13		T.		.01					18	.29	.20		.08				1.17
Lebanon[2]	Lebanon			T.	T.					.13							T			T	.05				T.		.30	.22		.03				0. 73
Middletown[1], 1.5 W	Dauphin	T.	.08	T.	T.				.14	.02	T.					.01			T	T.	T.			.14		19	.19	.01		.04			0 82
Millersburg[1, 5], 2 E	Dauphin		.04		.02				.05	.02							.01			T.	T.			.08		28	.50						0.99
Milroy[2]	Mifflin		.02	T.	.03		T.	T.		.06															.15			.17					0.56
Newburg[1], 3.5 NW	Cumberland	.02	.28						.10				T.			.10			T.	T.				.18		16	.25			T.			1.09
New Park	York		.08	.25					.25	.02																15	.45			.10			1.30
Pine Grove[2], 1.5 NE	Schuylkill			.02	.03					.10							.03		T.	T.					.02		.21	.25	.02	.02	T.			0.70
Selinsgrove	Snyder			.15	.03				T.	.02						T.	.04				.01				.08	T	.38	.58		T.				1.29
Shamokin[2]	N'umberland			.18	.02					.04							.04				.03				.06		.09	.95	.04					1.45
Shippensburg	Cumberland	.03	T.	.27	T				.06	T.							T.		T.					T.	.05	.05	.43	T.		T.				0.89
Sunbury[2]	N'umberland			.05	.02		T.	T.		.07							.02			T.	T.				.02		.04	.79	.02	T.	T			1.03
Williamstown[2]	Dauphin			*						.12							.09		T.	T.					.07		.29	.83	.07		.08			1.55
Woodward[1], 2 NE	Centre		.07	T.	.02	T.	T.		.04	T						.07			T.	T.	.03			.07	T.		28	.05		T				0.63
York, 3 SW	York			.40					.11	.02							.05								.06	.12	.33	.08		.06				1.23
York Haven[2]	York			.07						.12											.02				T.		33	.27		.04				0.85
Potomac Basin																															
Chambersburg[6], 1 SW	Franklin	.09	.20						.15				T.			T.	.05		T.	T.	T.			.02		.28	.15			.05				0.99
Gettysburg	Adams	T.	.07	.17					.16	.05						T.			T.					T.		.07	.25	.01		.09				0.87
Hewitt, 2 SW	Bedford	T.	.15	.29	T.				T.			T.					.13									02	.04			.08				0.71
Hyndman[2]	Bedford			.34						.05			.08				.15								.04					T.				0.66
McConnellsburg[2]	Fulton		T	.22						.08			T.				.10										T.	.13			T.			0. 53
Mercersburg[2]	Franklin		.05	.19						.18			.08				.04								.03		.08	.02		.06				0.73
South Mt. San't'm[2]	Franklin		.06	.37						.11			.03				.03								.06		.19	.25		.07	.02			1.19
GULF DRAINAGE																															
Ohio Basin																															
Allegheny																															
Acmetonia[2]	Allegheny		.06	.07	T.		T.	.02		T.							.56			T.	.02				.27		.15	.07		.03				1.25
Allens Mills[1, 5]	Jefferson	.04	.18													.90				.03	.09	.02		.39			.17			.03				1.85
Blairsville[1], 6 NE	Indiana	.26	.02		T.	T.	.04		.03				.01			.23			.02	T.	.01			.48	T.		.50	T.		.02				1.62
Boswell[2], 6 NW	Somerset		.09	.12	.05			.05					.04				.88								.58			.40						2.21
Bradford, 4 W	McKean	T.	T.	.06	T.	.07	.13		.03	.03	T.					.75	.02		T.		.12			.12	.04		.20	T.		T.				1.57
Brookville[1], 1.5 SW	Jefferson	.03	.04	T.		T.	.02		.01	T.						.76			.06	.01	.07			.32			.09			.11				1.52
Buckstown[1, 5]	Somerset	.07	.22													.24								.37			.28							1. 18
Clarion[2], 3 SW	Clarion		.02	.03			T.			.01						.02	.80			.08	.04			.02	.32		.22	.12		.03				1.71
Corry	Erie			.06		.02	.15	T.	.01	.01						.67			.06		.03	T.		.14	.02		.45	T.		.01				1.63
Coudersport	Potter			.15					T.	.03						.27	.03								.14		*	.50						1.12
Derry	W'moreland	.10	.03		T	T	T.		.05							.66	.25		T.	T.				.05	.22		.40	T						1.76
Donegal[1]	W'moreland	.10	.40		.02		.04		.03			.01	.04			1.05			.02		T.			55	.02		.45	.03		.02				2.78
Dunlo[1, 5], 0.5 SW	Cambria	.20	.17						03							.67								42			.21							1.70
Ebensburg[2]	Cambria			.21			T.			.03							.74			T					.34		.10	.15		.03				1.60
Ford City[2], 4 S	Armstrong		.12	.01	.01		.02		T.								.50		.01	T.	.03				.66		.10	.08		.03				1.57
Franklin[2]	Venango	T.	.01	T.			T.	T.								.11	.75		T.	.04	.04			T.	.16		.20	.05	T					1.36
Glen Hazel[2], 1 NE	Elk		T.			.01	.02	.01	T.	.02	.01					T.	.75			T.	.09				.11		.04	.13	T.	.06				1.25
Home[1, 5]	Indiana	.03														.55								37			16							1.11
Indiana	Indiana	.16	.01	.04	.05	T.	.04		T.	T.						.32	.28		.03		.03			.39	.13		.33	T.		.01				1.82
Johnstown[2], 0.5 W	Cambria		.14	.17	T.	T.	.02		T.	.04			T.				.90		T.	.01	.01				.39		.04	.16		.02				1.90
Kane[1], 1 N	McKean	T.	.09	T.	.01	.06	.10		.04	.01	T.					.95			.01	.07	.07			.19			.17	T.		.06				1.83

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kregar[1, 4.5 SE	W'moreland	.10	.33		.02	T.	.05		.06			T.	.04			.87			T.	T.				.60	T		.49	T.		.02			2.58
Lyceppus, 1.5 E	W'moreland	.43	.12	.03	.02		.04		.02				.10			.12	.83		T					.10	.23		.30	T.		T.	T.		2.34
Marienville[1, 5	Forest		.17						.02							.91				.29			.03				.10						1.52
Meadville[2, 1 S	Crawford	T.	T.	T.		T	.01	T.		T.	T.					.22	.45		.11	.02	T.				.45		.19		T.				1.45
Mosgrove[2	Armstrong		.13	.06	.02	T	T			T							.57			.04	.02				.55		.08	.08		.02			1.57
Parkers Landing[2	Armstrong		.27														.90		T.	T.	.04			.12	.30		.37	.05		.04			2.09
Pittsburgh Cty Of[1, 5	Allegheny	.06	.05	T	T.		.02		.01			T.	.02			.49			T.	T				.16			.11			.02			0.94
Port Allegany[2	McKean			.15		.04	.02	T		.03	T					.06	.31				.09				.24		.02	.18		.01			1.15
Punxsutawney[2	Jefferson	T.	T.		.03	T.	T.	T.									.65		T.	.03	1				.40		.01	.08					1.20
Putneyville[2, 2.5 SE	Armstrong		.12	.01	.04												.68			.04	.02				.49	.02		.11		.04			1.57
Ridgway[2	Elk			.11	T.	T.	T.	.01	T.							.04	.75				.12				.14		.02	.15	T.	.02			1.43
Saltsburg[2	Indiana		.11	T.	T.	T.	T.	.03	T.	T.			.01				.58		T	T.	T.			.01	.77		.01	.10		T.			1.62
Seward[2	W'moreland		.28	.04	.02												.76								.63		.02	.23					1.98
Sheffield[1, 5, 6 W	Warren		.10			.06	.08									.88				.04	.02			.13			.21		.03	.02			1.57
Smethport[1, 5, 1 SW	McKean		.13			.09	.07		.05							.52			.04	*	*.10*			*.10*			.10	.02		.02			§1.24
Strongstown[1, 5	Indiana		.07													.75				.01	.01			.60			.40						§1.84
Tionesta[2, 1.5 SE	Forest		T	.06	T.	.01	.01			.02						.15	.76		.01	T.	.04				.19		.48	.10	T.				1.83
Titusville, 2 S	Crawford	.01		T.			.03		.02	.02						.86	.02		.03		.08			.26	.04		.25						1.62
Union City[1, 5	Erie		.15	.01			.11		.02	.03						.58			.03					.08		.25	.03			.12			1.41
Vandergrift[1	W'moreland	.19	T													.70				T.	.04			.45			.22			.02			1.62
Warren[2	Warren			.21		T	T.	.06	T.	.02	T					.10	.28				.01				.13		.15	.06		.01			1.03
Youngsville[1, 5	Warren		.04		.06											.60				.10				.19		.23	.50						1.62
MONONGAHELA																																	
Confluence[2, 1.5 NW	Somerset		.02	.45	T.	T.	.03	T.	T.	.07			.01	T.			.50			T.	T.				.35		.04	.21	T.	.07			1.75
Connellsville[2	Fayette		T	.23	T	T	.03	T.		05			.08	T.			.61			.04	02				.58		.05	.07		.11	T		1.87
Donora[1	Washington	.01	.27		T.		.02		T			.02	.02			.68			.03	T.	T.				.62		.07	T.		.01			1.75
Greensboro[2	Greene		.04	.23	T.	T.	.04	.02	T.	.04			.07	T			.42			T.	T.				.02	.26		.02	.01		.08	T		1.25
Greensburg, 2 S	W'moreland	.04	.09	.01	T		.04		.01				.04			.43	.48		T.		T.				.13	.16		.22	T.		.01			1.66
Irwin	W'moreland	.05	.02	.02	T	T.	.03		.01				.03			.13	.51		T.			T.			.25	.03		.18	.01		T.			1.27
Meyersdale[2	Somerset			.59		T.	T.			.09			.05	T.			.40								.18		T.	.08		.03	.07		1.49
Murrysville // [1, 5	W'moreland	.05	.06										.03			.45	.03								.53	.02		.16						1.33
Newell[7	Fayette	T.		.33	.06		.06		.03								.72								.05	1.20	T.	.08			.06	T.		2.59
Pittsburgh Arpt // [1, 5	Allegheny	.08	.07		.01	T.	.02		T			T.	.06			.54			T.	T.	T.			.30		T	.05	T.	T	.02			1.15
Rices Landing[2	Greene		.04	.40	T.		.01	.03	T	05			.13	T.			.56				.03			.02	.56		.10			.05			1.98
Somerset	Somerset	.06	.20	.16	T.		.02	T.	.03	T.			.02			.02	.20		T.		T.			.07	.30		.14	T.		.02			1.24
Springs[6, 1 SW	Somerset	.07	.46	.15	.03		.03	T.	.14	T.			.13			.14	.25		.01		.03			.13	.10	T.	.25	.03		.12			2.07
Uniontown	Fayette	.03	.32	.09			.02		.02				.03			.10	.44		T.					.46	.28	.01	.05	T.		.06			1.91
Waynesburg	Greene		.25	.06					.11				.16			.23								.84	.35		.07	T.		.07			2.14
BEAVER																																	
Beaver Falls[2	Beaver		T.	T.			T.	T.	T.	T.							.56			T.	T.				.59		.08			.02	T.		1.25
Butler	Butler					T.	.01		T.							.10	.61		.01						.43		.43	.01					1.60
Farrell[2	Mercer		T.				T										.62		06					.19	.27		.08						1.22
Greenville	Mercer	.33		T.					.01							.72			20		.01			.28		T.	.21						1.76
Jamestown[2, 2 NW	Mercer	.26	T.				T.									.20	.43		.20	T.	.03				.14		.12						1.38
Mercer Arpt.[1, 2.5 NE	Mercer	.22	T		.01	T.	.01		T.							.88			10	T.	T.			.16		.15	.01	T.	.01	T.			1.55
New Castle, 1.5 N	Lawrence	.05	T.	.10	T.	T	.02									.60	.10		.05	T.	T.			.32	.01		.10			.01			1.36
Pennline, [2, 1 S	Crawford	T.	.04		T.		.03			T.						.29	.31		.12		.01				.25		.11						1.16
OHIO																																	
Claysville[2	Washington		.06	.35					T	.13			.12				.69			.01					.64		.10			.04			2.14
Coraopolis[2, 1 E	Allegheny		.13	.11			T.	.01	T.	.04							.53			T.				.01	.15		.09						1.07
Midland[2	Beaver		.03	.09	T		.01	.04	.01								.60		T.	.01	T.			.02	.40		.08	T.	T.	.06			1.35
Washington[1, 5	Washington	.02	.21				.04					.03	.04			.59								.61			.10						1.64
LAKE DRAINAGE																																	
Albion[2	Erie																																
Erie[1, 5	Erie			T.	T.	T.	.02		.03	.01						.93			.05	.01				.03		.15	.08		T.			1.31
Raymond[1, 5	Potter		.28			.04	.02									.43				*	.07			.13			.42	.27		.02			1.68

[See page 32 for explanation of reference marks.]

Daily Temperatures for April 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	....	....	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Allentown Arpt.[1-4 NE..	Maximum	48	76	59	55	49	61	54	42	58	50	55	51	58	65	74	56	61	67	66	64	66	81	85	73	66	59	47	59	60	72	....	61.2
	Minimum	36	41	36	37	34	35	28	25	37	32	28	36	31	35	43	36	32	29	40	41	35	40	40	51	46	38	36	31	41	39	....	36.3
Allentown/	Maximum	49	76	55	56	46	60	54	48	58	50	59	52	56	65	75	56	61	67	66	64	64	80	84	73	67	60	53	59	57	72	..	61.2
	Minimum	37	39	45	41	43	35	35	28	34	36	29	37	31	34	39	42	33	32	40	48	37	41	41	50	49	51	37	33	41	40	....	38.6
Altoona-4.5 W	Maximum	53	70	62	73	59	54	58	50	51	50	52	53	55	64	67	55	61	66	66	64	65	83	81	66	64	58	42	58	65	74	..	61.3
	Minimum	33	41	37	42	34	39	23	30	38	29	22	33	28	29	44	32	27	33	36	49	26	37	52	48	40	39	33	30	43	36	..	35.4
Arendtsville/	Maximum	56	79	64	64	52	59	60	50	60	58	57	54	61	66	80	58	63	70	71	68	65	82	87	74	61	59	52	63	64	69	..	64 2
	Minimum	31	39	45	38	40	32	27	34	35	31	25	37	28	33	40	41	32	30	35	44	29	33	45	58	48	49	39	31	40	39	....	36.9
Berwick	Maximum	50	75	69	62	59	57	57	53	56	49	54	52	58	64	69	61	60	66	65	64	63	82	86	76	71	64	46	59	65	77	..	63.0
	Minimum	38	41	41	39	39	29	29	27	38	35	25	34	26	33	48	38	28	29	39	50	34	37	42	55	45	40	33	29	40	38	....	36.6
Bethlehem[1]	Maximum	55	76	54	56	52	58	52	42	55	47	55	49	55	65	73	53	59	65	64	61	63	81	83	72	66	57	44	57	58	69	..	59.9
	Minimum	38	42	43	42	39	39	31	32	38	35	33	37	35	37	46	40	36	35	44	40	36	44	43	58	50	36	35	34	42	39	..	39.4
Blairsville[1-6 NE.	Maximum	66	65	51	68	41	43	50	48	46	46	52	50	50	65	63	48	55	58	64	60	68	78	77	62	64	48	36	54	59	73	....	56.9
	Minimum	37	46	32	36	30	28	24	36	31	23	23	31	28	34	43	28	30	38	36	34	30	49	54	46	46	34	29	26	42	43	....	34.9
Bradford-4 W	Maximum	54	65	48	67	41	46	46	44	40	40	47	45	52	63	61	45	55	56	62	57	68	79	78	66	68	63	38	53	69	72	....	56.3
	Minimum	32	50	36	33	29	33	19	21	32	26	19	21	18	23	45	29	18	26	24	35	20	30	40	35	28	35	29	17	36	28	....	28.9
Brookville[1-1 5 SW.	Maximum	58	66	52	68	44	52	52	46	43	48	52	52	55	64	68	49	57	60	63	52	68	80	80	66	70	51	40	57	63	73	..	58.1
	Minimum	35	46	33	39	32	31	22	27	33	28	18	31	21	25	43	28	22	29	26	31	23	31	42	42	32	38	28	21	36	29	....	30.7
Burnt Cabins[1-2 NE	Maximum	55	76	60	68	50	60	56	42	56	52	58	54	60	65	79	55	64	68	72	64	66	85	88	72	62	52	49	63	66	71	....	62.9
	Minimum	34	44	42	44	38	35	23	30	35	31	20	30	22	25	47	33	25	29	30	43	25	31	44	46	43	40	35	28	40	33	....	34.2
Butler	Maximum	68	71	64	81	82	42	53	54	54	46	48	53	55	71	70	55	56	61	64	66	79	80	80	80	71	74	43	65	62	74	....	64.1
	Minimum	28	51	34	48	30	31	21	37	39	26	19	30	24	27	32	34	23	32	29	42	24	35	47	44	35	43	34	40	35	38	....	33.6
Canton/-1 NW	Maximum	48	72	46	60	43	50	43	38	45	42	47	44	55	61	67	55	57	59	67	49	62	80	82	67	64	45	37	54	57	72	....	55.6
	Minimum	28	33	35	35	30	26	26	31	36	26	24	26	29	33	44	32	27	35	32	37	29	39	43	43	30	24	29	36	....	38	....	§33.1
Carlisle	Maximum	53	78	69	63	61	60	58	55	55	51	56	66	61	66	77	64	61	68	69	69	67	80	85	75	69	60	52	62	65	73	....	64.9
	Minimum	39	41	47	45	42	36	32	32	34	36	28	42	29	36	46	42	32	33	43	49	35	35	46	60	47	44	41	38	43	42	....	39.7
Chambersburg[6-1 SW.	Maximum	56	75	63	65	48	61	59	42	59	57	57	58	62	65	76	64	61	69	69	68	64	81	86	72	59	57	51	65	64	68	....	63.4
	Minimum	32	39	43	38	40	35	29	32	36	31	23	35	25	29	44	39	29	31	36	45	26	33	46	52	48	42	39	24	42	38	....	36.2
Clarion[6-3 SW	Maximum	62	68	61	71	48	55	54	50	47	51	54	56	57	68	63	51	62	63	64	61	72	83	82	69	73	64	45	58	65	77	....	61.8
	Minimum	36	50	31	43	32	29	19	27	34	28	17	30	20	26	44	31	21	29	25	39	23	29	40	38	31	39	32	19	40	30	..	30.9
Claysville/	Maximum	71	69	63	68	48	53	56	58	50	49	50	52	54	70	67	50	60	63	68	59	70	80	78	67	68	51	44	58	62	74	....	61.0
	Minimum	35	49	34	36	38	34	21	25	40	26	24	27	22	28	48	34	24	28	27	40	25	35	42	48	42	42	30	26	30	34	....	33.1
Coalport/	Maximum	67	79	57	74	44	55	55	44	51	51	55	56	55	66	66	51	61	61	66	59	70	84	80	70	67	70	39	59	61	76	....	61.6
	Minimum	23	34	35	35	33	33	20	21	37	28	17	17	21	24	25	32	20	21	25	25	22	30	38	41	33	36	32	24	26	29	....	27.9
Coatesville/	Maximum	56	78	61	57	48	62	55	43	58	52	56	50	59	64	76	57	60	66	66	68	64	79	85	73	64	60	51	59	64	69	....	62.0
	Minimum	41	41	47	38	45	28	33	28	36	31	30	35	35	33	37	46	35	28	34	37	30	33	42	55	48	51	36	26	37	35	....	37.0
Columbia	Maximum	54	80	65	61	61	59	54	58	62	58	58	55	64	67	79	67	65	70	71	70	67	82	88	76	65	66	54	65	67	72	..	66.2
	Minimum	36	42	47	44	43	33	27	32	40	36	28	40	30	31	49	46	34	32	38	48	32	37	37	54	50	45	40	30	44	40	....	38 8
Corry	Maximum	62	65	60	63	43	46	48	45	46	41	47	50	53	66	64	48	55	56	62	57	68	81	79	64	71	55	40	56	61	73	....	57.5
	Minimum	34	51	33	34	31	31	20	24	34	29	15	25	19	23	44	30	22	24	24	36	19	40	41	36	29	37	30	18	38	27	....	29.6
Coudersport	Maximum	52	70	62	71	50	54	49	43	39	43	49	46	59	65	62	53	57	65	65	59	67	82	80	72	69	69	43	55	60	74	....	59.5
	Minimum	20	44	35	40	30	28	19	20	32	26	15	21	28	34	49	30	16	25	23	21	29	29	39	39	33	32	29	17	36	27	....	28.9
Curwensville[1-6 NW	Maximum	50	65	52	69	42	52	52	40	44	46	49	48	53	63	62	47	56	58	61	54	65	80	77	68	66	46	40	56	60	73	....	56.5
	Minimum	30	41	31	35	28	27	18	30	29	24	21	30	19	29	40	28	24	34	31	29	23	40	52	41	39	33	25	18	37	36	....	30.7
Derry	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§§
	Minimum	48	55	36	48	36	38	21	32	41	27	21	37	28	37	54	34	26	33	30	37	26	39	46	43	40	41	34	39	44	33	....	36.9
Donegal[1]	Maximum	64	66	53	68	41	46	50	46	48	45	53	49	51	65	69	46	56	60	65	55	71	78	76	61	63	48	38	55	60	73	....	57.3
	Minimum	28	50	31	38	32	30	16	29	28	23	20	32	20	24	44	29	22	26	26	34	22	31	44	42	37	34	28	24	38	30	....	30.4
Donora[1]	Maximum	72	72	60	73	48	54	58	60	53	50	56	54	58	72	69	52	63	66	68	65	74	83	78	69	69	56	45	62	63	77	....	63.3
	Minimum	40	56	40	42	40	38	28	44	38	32	30	39	30	39	47	37	33	38	35	42	33	40	51	52	46	41	35	33	48	40	....	39.6
Eagles Mere/	Maximum	45	72	46	58	35	53	47	37	37	42	43	44	53	60	72	49	59	58	63	51	63	80	82	69	65	45	37	55	57	72	....	55.0
	Minimum	22	32	34	33	32	29	23	25	26	26	22	22	26	28	36	29	25	25	31	31	27	27	47	42	42	41	28	22	22	38	....	29 8
East Waterford[6-3 E	Maximum	45	70	63	61	61	48	48	44	55	47	55	47	59	61	70	53	60	63	65	58	62	79	81	65	60	50	45	56	62	67	....	58.7
	Minimum	32	41	38	38	31	37	28	30	34	27	26	32	32	37	49	31	32	32	40	45	30	49	57	48	47	35	30	30	43	44	....	36.8
Ebensburg/	Maximum	64	63	57	69	45	44	49	43	44	44	52	47	53	63	62	47	56	59	62	56	66	78	76	61	63	42	42	52	58	73	....	56 3
	Minimum	34	37	32	34	29	31	22	32	36	25	20	31	26	31	37	28	26	34	32	43	25	40	51	39	40	40	30	26	46	38	....	33.0
Emporium/-1 E.	Maximum	61	74	66	75	47	55	54	46	44	58	73	73	60	70	66	51	62	63	66	54	71	86	82	75	74	49	47	61	64	78	..	63.5
	Minimum	34	40	37	38	33	28	19	23	30	30	17	25	18	25	43	33	18	27	26	41	21	30	40	41	33	42	33	19	39	28	....	30.4
Ephrata	Maximum	52	78	66	59	58	59	57	52	59	53	57	55	60	65	78	69	63	68	69	68	67	82	87	77	65	63	51	62	65	72	....	64.5
	Minimum	38	44	45	42	42	35	30	33	39	37	31	39	32	34	46	44	35	33	40	50	34	40	45	59	50	43	36	30	47	39	....	39.7
Erie[1]	Maximum	69	71	50	61	47	48	45	46	42	38	42	50	50	70	64	45	54	56	59	56	55	78	75	60	64	47	45	51	57	70	....	55.5
	Minimum	36	42	37	39	35	36	31	38	34	32	29	35	35	40	37	34	34	44	37	38	34	53	49	44	45	38	33	35	44	46	....	38.1
Everett[1-0.5 SW	Maximum	60	73	60	62	47	49	56	44	54	53	54	53	50	62	78	58	58	63	64	62	60	79	75	65	58	50	45	62	62	74	....	59.7
	Minimum	21	40	44	44	36	31	28	29	37	30	28	22	34	31	40	35	27	28	32	42	27	30	43	49	41	40	34	30	39	33	....	34.2
Farrell	Maximum	71	71	67	68	51	55	54	54	54	47	54	54	57	75	74	53	61	63	69	67	73	85	83	67	76	65	47	60	66	80	....	64.0
	Minimum	40	38	38	44	39	32	25	38	36	29	23	35	28	37	39	36	31	33	33	37	28	38	55	45	42	39	32	24	48	37	..	36.0
Ford City/-4 S	Maximum	70	66	58	71	50	54	54	52	48	50	53	54	56	68	64	51	60	64	65	57	72	82	79	61	70	56	42	59	64	75	....	60.8
	Minimum	34	44	34	38	36	35	21	30	40	24	20	30	24	27	35	33	23	31	28	40	26	32	43	44	35	42	34	25	28	34	....	32.3
Franklin/	Maximum	69	65	55	68	47	51	52	51	43	47	54	53	55	68	61	48	60	61	63	51	70	83	79	67	71	44	43	57	64	76	....	59.2
	Minimum	33	40	34	36	33	34	22	28	39	28	20	27	25	28	34	33	25	31	29	31	27	33	40	41	35	38	33	22	22	33	....	31.1
Fredericksville-1 S.	Maximum	49	75	66	55	55	54	54	42	58	50	54	50	52	62	74	74	60	64	64	62	62	78	83	75	65	59	46	58	57	70	..	60.9
	Minimum	34	41	42	40	37	39	28	25	37	32	21	34	28	29	57	49	40	28	53	38	32	35	32	58	50	45	35	30	34	32	....	37.2
Freeland	Maximum	73	67	70	69	69	68	63	44	49	44	50	46	52	64	65	61	59	63	58	54	60	77	81	70	70	54	47	52	55	67	....	§60.6
	Minimum	24	30	37	34	32	31	26	25	31	25	24	29	28	35	46	34	39	28	35	41	29	45	51	49	48	35	31	28	38	38	..	§34.2
George School[6]	Maximum	49	77	67	54	52	62	55	51	60	52	57	51	56	65	75	68	60	65	65	70	63	79	80	76	64	60	48	60	58	70	..	62.3
	Minimum	35	42	44	39	40	31	29	26	37	32	28	35	32	32	44	47	33	29	39	48	35	40	41	50	47	47	37	32	43	35	..	37.6
Gettysburg	Maximum	55	77	64	63	63	60	58	56	60	55	56	56	60	65	80	73	62	67	71	69	64	80	87	75	70	61	52	62	65	68	..	65.1
	Minimum	37	43	46	43	42	40	30	34	37	33	28	40	30	34	48	44	33	33	37	53	32	35	47	61	52	47	41	32	44	42	..	39.9
Gordon	Maximum	47	75	68	56	56	57	52	52	53	49	53	49	57	65	70	60	59	66	65	60	66	81	85	75	65	55	45	59	62	71	..	61.1
	Minimum	35	40	40	40	36	27	30	24	37	33	26	31	23	26	38	42	25	26	40	46	27	31	37	54	41	38	34	31	38	35	....	34.4
Greensburg-2 S	Maximum	68	70	64	71	59	49	53	55	55	50	54	53	54	69	69	55	59	63	65	63	73	80	78	65	67	67	44	58	61	75	....	62.2
	Minimum	32	54	30	42	41	29	17	43	40	28	24	38	20	28	32	30	23	28	24	47	22	30	38	44	37	43	35	22	43	32	....	33.2
Hanover/	Maximum	62	80	64	63	52	61	57	48	60	55	58	54	61	66	78	59	63	67	70	71	68	80	87	73	61	60	52	61	66	68	..	64.2
	Minimum	36	43	43	43	42	38	30	33	38	32	28	39	30	35	38	44	35	40	40	53	33	42	50	57	54	51	40	32	34	46	....	40.0
Harrisburg Arpt. [1-3.5 S.	Maximum	53	77	63	65	49	58	58	42	57	54	55	54	60	66	77	57	64	70	70	65	65	84	86	70	64	59	49	62	67	71	....	63.0
	Minimum	38	42	47	44	42	39	31	35	40	35	30	38	34	36	48	42	34	40	47	43	35	39	48	54	49	40	40	34	46	48	..	40.4
Hawley-0.5 E	Maximum	47	70	66	55	51	52	50	48	51	44	52	48	53	65	65	55	58	65	60	55	63	81	85	72	70	58	40	55	52	75	....	58.5
	Minimum	31	38	42	32	35	29	25	19	33	32	22	24	24	25	43	34	24	25	34	42	28	32	38	53	38	39	32	30	32	32	....	32 2
Hewitt-2 SW	Maximum	68	78	71	75	69	59	59	59	58	56	56	57	60	69	79	70	69	78	72	72	87	88	85	76	61	54	47	65	63	71	..	67.7
	Minimum	50	48	47	38	41	43	23	29	37	29	19	23	48	25	48	39	26	48	26	48	27	27	39	56	48	38	37	29	48	31	....	37.2
Holtwood[1]	Maximum	54	75	61	61	55	59	55	45	57	52	52	52	55	70	77	57	61	66	68	64	68	81	79	64	61	52	59	63	68	....	....	62.0
	Minimum	39	47	50	46	46	39	35	37	43	39	35	39	36	39	50	45	41	39	44	45	38	43	48	55	55	45	43	39	49	46	....	43.2
Huntingdon	Maximum	54	75	70	73	46	55	58	48	57	53	55	53	59	68	73	59	62	68	69	64	68	87	83	70	66	56	47	62	64	77	....	63.3
	Minimum	31	38	41	45	39	40	26	27	33	33	20	37	23	26	41	35	23	26	31	49	26	30	42	52	38	40	37	26	41	33	..	34.3

Continued on page 31.

Daily Temperatures for April 1946—Continued from page 30.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	62	67	54	67	48	53	59	54	48	49	54	52	52	67	66	54	59	63	63	62	72	80	79	67	68	70	43	57	64	75		$60.9
	Minimum	42	53																														$$
Irwin	Maximum	63	70	56	72	65	49	54	55	55	52	52	51	60	69	70	57	56	59	65	65	73	82	80	75	70	70	45	57	64	76		63.1
	Minimum	38	56	36	46	38	36	20	33	42	28	21	36	26	31	54	34	25	33	30	46	25	34	45	47	40	43	34	37	44	34		36.0
Jamestown/-2 NW	Maximum	70	66	58	66	50	54	54	42	45	55	55	56	56	72	63	51	57	65	65	50	70	83	82	65	74	51	47	58	64	77		60.6
	Minimum	32	36	31	39	32	32	20	31	36	26	18	29	21	29	43	32	24	34	28	38	23	34	51	40	35	40	32	18	34	33		31.7
Johnstown/	Maximum	70	72	57	74	49	50	56	50	52	50	57	53	60	70	70	58	63	63	70	62	74	87	83	68	68	49	42	60	67	76		62.3
	Minimum	37	45	40	42	38	37	28	34	41	32	26	38	30	32	32	34	31	33	36	52	31	36	47	52	48	46	36	35	44	36		37.5
Kane[1]-1 N	Maximum	54	65	49	68	44	47	48	42	40	43	48	49	54	64	59	46	56	58	62	48	69	81	76	67	70	49	40	56	61	73		66.2
	Minimum	32	41	33	35	29	23	15	21	30	20	13	21	15	20	36	21	15	25	21	23	17	27	36	36	27	34	25	14	30	25		25.1
Lancaster	Maximum	55	79	66	61	59	63	60	56	62	58	57	55	61	67	78	75	64	69	72	70	68	84	84	79	72	62	54	66	65	70		66.3
	Minimum	35	39	41	38	41	30	25	26	38	34	24	38	26	27	41	42	28	27	31	46	28	34	37	58	47	45	36	26	38	34		35.3
Lawrenceville	Maximum	48	73	66	72	50	53	49	42	46	41	50	47	58	65	67	50	60	62	63	60	64	83	86	72	73	65	59	76	59	77		59.9
	Minimum	30	43	41	36	34	28	22	22	35	30	20	23	25	30	50	32	20	26	39	41	25	35	41	47	37	36	31	25	39	30		32.4
Lebanon	Maximum	52	77	60	60	47	59	55	43	58	52	55	53	60	67	66	58	63	68	69	67	66	82	87	74	67	60	50	61	64	72		62.4
	Minimum	37	42	45	43	40	34	30	32	37	37	28	39	30	30	43	41	32	34	38	49	32	38	46	54	50	50	35	29	36	40		38.4
Lewistown/-2 SW	Maximum	54	76	61	71	52	57	60	43	57	56	56	55	60	69	75	58	66	70	70	64	70	87	87	71	67	57	47	68	69	77		64.2
	Minimum	38	40	43	42	40	47	28	34	36	35	25	39	29	30	40	38	29	32	37	50	29	36	45	54	43	40	38	34	42	38		37.9
Lock Haven[6]	Maximum	54	75	63	70	60	60	59	53	54	55	58	54	62	69	73	57	65	64	70	63	70	87	86	77	71	63	50	64	64	80		65.0
	Minimum	37	44	41	42	38	32	27	30	37	34	25	32	31	33	48	38	26	30	33	51	29	39	40	51	42	41	35	26	46	35		36.6
Marcus Hook[1]	Maximum																																
	Minimum																																
Martinsburg[1]	Maximum	53	70	56	70	43	52	52	40	51	50	52	50	54	64	72	52	60	62	65	58	65	82	80	65	60	49	42	57	59	72		58.6
	Minimum	35	44	39	40	32	34	27	33	35	29	23	35	27	32	46	33	28	32	38	36	29	38	55	49	43	38	32	31	42	38		35.8
Mauch Chunk-1 SW	Maximum	49	74	74	55	45	56	54	50	54	55	51	50	54	62	69	70	57	62	65	64	65	69	82	77	65	59	45	54	58	69		$60.7
	Minimum	36	39	42	33	35	30	27	26	36	34	27	33	27	27	43	39	28	25	38	44	31	34	38	46	42	45	35	30	36	34		$34.7
Meadville/-1 S	Maximum	67	63	58	64	46	48	50	48	40	42	50	50	54	68	57	46	59	62	61	49	69	82	79	64	71	45	44	56	63	75		57.7
	Minimum	34	38	29	36	33	33	19	28	36	24	17	29	21	27	45	30	23	33	25	37	23	32	46	39	33	40	32	18	39	31		31.0
Mercer[1]-2.5 NE	Maximum	68	68	49	65	45	50	49	50	42	44	50	51	54	66	60	46	56	61	61	58	67	78	77	63	69	47	42	55	61	73		57.5
	Minimum	35	41	30	38	31	25	22	35	28	21	22	28	23	30	35	31	35	38	32	30	26	41	49	39	36	33	26	20	40	38		31.9
Middletown[1]-1.5 W	Maximum	53	76	62	68	50	60	56	42	57	54	57	52	60	64	76	59	62	69	68	66	64	80	85	71	64	62	49	61	66	70		62.6
	Minimum	38	42	46	44	41	39	27	31	40	32	29	34	30	31	46	40	32	39	40	40	33	44	46	51	48	40	39	34	45	41		38.7
Midland[6]	Maximum	70	71	56	67	50	48	54	57	48	47	53	53	55	69	64	49	59	64	66	64	70	79	80	65	79	50	44	59	64	75		61.0
	Minimum	39	49	37	43	38	35	26	40	37	30	26	36	28	39	46	35	29	35	34	40	30	30	49	47	40	38	34	30	44	39		36.8
Montrose/-3 E	Maximum	45	68	40	57	38	46	44	39	44	35	45	41	49	60	63	42	53	60	57	43	60	75	81	65	66	52	33	50	55	71		52.6
	Minimum	25	29	36	33	33	30	25	23	26	23	24	26	26	31	39	29	25	30	34	36	29	33	49	46	43	45	28	27	30	39		31.7
Mt. Pocono[1]-2 N	Maximum	42	69	47	52	42	50	45	38	49	39	47	44	49	60	64	44	55	59	58	53	58	75	80	67	64	51	34	50	53	68		53.5
	Minimum	29	38	28	30	30	30	24	21	31	27	24	28	27	28	40	30	25	31	36	33	28	38	43	48	42	31	29	25	35	32		31.3
New Bloomfield	Maximum	53	77	63	64	60	56	59	57	58	55	56	53	60	67	79	64	64	65	70	65	67	86	85	72	63	58	47	62	67	74		64.2
	Minimum	31	37	41	41	38	30	24	26	34	33	20	35	24	26	43	38	25	27	34	46	26	30	40	55	40	40	36	27	37	33		33.9
Newburg[1]-3.5 NW	Maximum	54	76	64	62	48	58	56	40	56	54	58	54	60	64	79	56	61	69	70	65	66	82	86	72	62	56	50	62	68	71		62.6
	Minimum	36	38	46	38	38	40	28	32	36	30	24	38	28	32	46	37	30	33	41	41	28	36	46	48	48	40	38	36	40	39		37.0
New Castle-1.5 N	Maximum	63	71	64	67	50	55	53	55	53	45	55	54	55	68	71	56	60	64	66	66	69	83	81	65	73	65	45	58	66	76		62.4
	Minimum	36	50	32	47	35	39	22	34	39	25	20	33	25	33	52	35	26	30	29	40	26	34	50	42	39	43	35	22	44	34		35.0
Palmerton[1]	Maximum	44	74	54	55	44	56	51	40	54	47	52	47	54	63	70	53	60	65	64	61	66	81	81	70	65	57	51	59	56	70		58.8
	Minimum	34	41	35	35	38	35	27	25	38	30	25	32	27	32	45	33	29	28	42	41	33	39	40	50	45	38	37	31	42	39		35.5
Park Place[1]-1 NW	Maximum	42	70	50	51	41	51	48	34	49	43	48	45	51	60	65	55	54	60	56	55	60	77	82	66	61	49	39	53	52	66		54.4
	Minimum	29	36	36	34	29	31	26	26	32	27	23	29	28	34	42	31	28	35	37	34	29	45	54	49	48	30	29	25	36	39		33.7
Phila. Arpt.[1]-7 SW	Maximum	52	79	61	57	53	63	55	45	60	53	56	48	56	63	79	61	61	65	66	71	63	77	82	76	65	61	50	60	63	70		62.4
	Minimum	37	46	46	45	37	36	34	34	40	36	34	39	36	34	48	45	40	38	46	44	41	44	44	57	52	40	40	34	47	43		41.2
Philadelphia C.O.[1]	Maximum	50	78	64	57	54	61	55	45	59	54	57	50	56	68	78	62	61	64	67	69	65	76	82	75	64	61	49	59	62	69		62.2
	Minimum	37	46	48	45	42	40	39	38	40	40	36	42	40	38	49	46	42	41	51	46	42	47	47	59	52	40	40	38	49	45		43.5
Phila. Shawmont	Maximum	58	78	73	58	57	62	55	53	58	54	57	53	57	65	77	75	64	65	67	66	66	80	84	77	71	60	53	60	63	70		64.5
	Minimum	38	46	47	44	44	37	29	29	40	40	30	40	33	34	47	47	36	34	36	48	38	39	42	62	51	52	40	35	41	40		40.6
Philipsburg[1]-7 E	Maximum	47	67	54	70	42	53	52	37	48	48	52	50	53	61	65	49	57	58	62	55	63	81	80	66	62	48	39	55	59	71		56.8
	Minimum	34	44	33	37	31	29	21	24	31	27	15	30	18	22	44	26	17	25	35	31	18	30	40	44	31	35	29	25	33	28		29.6
Phoenixville-1.5 SE	Maximum	59	78	71	58	55	62	57	55	64	64	61	63	57	66	76	73	63	68	68	70	65	82	85	78	80	70	65	82	85	78		67.7
	Minimum	34	43	46	42	40	37	23	24	39	37	24	39	25	30	45	48	30	28	31	43	31	32	35	63	47	46	35	27	36	35		36.5
Pittsburgh Arpt.[1]-7.5 SE	Maximum	70	71	56	70	46	48	56	57	48	47	51	52	55	70	66	50	60	64	66	64	74	81	80	68	70	53	43	59	62	77		61.1
	Minimum	42	50	37	40	36	35	29	42	36	29	28	37	33	36	47	33	33	39	41	40	35	47	56	48	49	37	32	32	44	45		38.9
Pittsburgh City Office[1]	Maximum	72	72	57	72	49	50	55	59	50	49	53	54	56	70	68	51	60	65	67	66	71	83	82	68	72	54	44	61	65	77		62.4
	Minimum	45	51	40	43	39	37	31	44	39	32	30	40	34	37	46	36	34	41	39	40	34	43	54	51	47	39	37	35	47	43		40.3
Port Clinton/	Maximum	57	75	66	57	43	48	53	52	56	50	55	50	56	64	73	50	62	67	65	58	65	82	81	71	64	58	59	58	60	71		60.9
	Minimum	34	40	43	40	40	29	27	26	36	36	24	36	40	30	34	40	39	28	30	42	29	30	40	48	44	48	37	33	40	39		36.1
Putneyville-2.5 SE	Maximum	60	66	51	68	44	54	53	46	45	47	51	52	53	64	65	63	57	63	61	59	68	80	79	67	68	60	40	56	62	74		59.2
	Minimum	36	47	32	43	31	32	19	27	33	25	17	31	21	26	28	30	20	30	25	41	22	32	42	44	31	37	32	21	39	30		30.7
Quakertown-0.5 E	Maximum	51	75	67	56	55	60	55	51	57	52	54	51	56	62	73	72	59	65	64	65	62	78	81	76	68	58	48	52	57	70		61.7
	Minimum	34	40	42	35	39	30	30	28	36	35	26	34	26	29	43	42	29	26	37	47	34	34	36	57	43	46	35	31	33	53		36.2
Reading[1]	Maximum	50	77	62	59	51	58	56	42	58	52	57	53	59	64	77	58	62	67	67	65	65	80	85	74	65	60	49	60	63	72		62.2
	Minimum	40	44	46	44	42	40	35	33	39	37	32	40	34	35	52	43	36	38	46	43	39	47	45	58	51	39	39	35	48	51		41.4
Ridgway/	Maximum	66	70	54	72	57	54	56	44	48	49	58	53	57	66	63	51	62	62	64	54	72	85	80	72	74	47	44	59	66	78		61.1
	Minimum	23	36	34	35	32	26	16	21	29	28	14	18	15	21	26	30	16	22	21	30	19	22	34	36	34	33	32	15	32	27		25.9
Scranton[1]	Maximum	50	73	53	59	46	54	49	43	49	41	49	46	53	63	68	48	57	63	62	57	62	79	84	70	70	55	40	54	60	74		57.7
	Minimum	34	42	38	37	36	35	31	25	37	33	30	33	31	34	48	34	32	33	41	39	34	45	48	58	46	36	32	33	43	36		37.0
Selinsgrove	Maximum	51	75	67	60	60	58	57	53	56	50	54	53	61	63	71	74	60	71	74	62	63	79	83	75	70	60	50	61	64	74		63.3
	Minimum	35	40	38	40	37	29	24	26	36	34	21	34	25	28	46	43	24	30	31	46	27	33	39	50	39	38	33	26	40	33		34.2
Somerset	Maximum	60	67	59	70	54	46	51	47	49	49	52	50	52	64	70	54	60	61	66	62	67	80	76	63	61	58	40	56	56	72		59.1
	Minimum	30	43	36	46	32	37	19	27	28	26	17	33	22	23	43	30	22	24	29	47	19	36	43	48	39	37	30	30	40	28		32.1
Springs[6]-1 SW	Maximum	57	69	62	68	42	49	50	48	48	46	48	45	49	62	69	52	57	60	66	60	64	77	74	66	55	45	38	54	53	68		56.7
	Minimum	28	45	37	42	32	36	16	29	32	26	26	32	23	26	35	29	24	27	27	38	21	31	44	45	41	35	29	29	37	32		31.8
State College[1]	Maximum	56	71	68	71	44	56	55	43	50	51	54	50	56	65	69	52	61	62	65	57	67	84	81	71	67	54	41	57	64	75		60.6
	Minimum	37	54	38	41	34	37	30	36	36	32	25	33	31	40	51	35	29	39	43	42	28	47	59	51	44	38	34	30	45	39		38.6
Stroudsburg-2 E	Maximum	56	75	74	56	54	59	54	53	58	57	57	56	59	66	72	63	64	65	69	64	71	85	85	84	75	63	52	62	61	73		64.7
	Minimum	35	41	45	34	41	33	27	23	37	37	26	28	29	44	49	41	27	27	37	31	35	48	38	56	43	51	36	29	34	39		36.7
Tamarack/-2 S	Maximum	57	71	51	71	41	52	51	36	40	45	50	46	56	62	62	47	57	57	65	50	65	83	80	72	66	44	40	58	58	75		56.9
	Minimum	24	33	33	34	29	29	23	27	29	29	29	28	27	29	40	28	26	30	31	36	35	35	51	43	43	42	28	23	24	36		31.8
Tionesta/-1.5 SE	Maximum	67	65	57	68	45	50	50	47	42	47	53	58	67	66	61	48	58	60	62	49	72	81	78	66	70	42	41	55	62	74		58.8
	Minimum	33	44	34	35	32	30	26	26	37	27	20	27	22	27	44	31	22	29	27	37	26	30	40	40	31	40	32	21	33	30		31.1
Titusville-2 S	Maximum	60	68	59	65	42	46	48	47	47	43	50	48	55	65	65	46	56	56	59	58	66	79	78	66	67	62	42	53	61	73		57.7
	Minimum	35	52	32	42	31	34	19	26	33	24	17	27	22	27	45	29	22	34	28	35	22	34	54	37	30	37	30	21	39	32		31.7
Towanda-1 E	Maximum	52	73	67	65	51	55	51	41	50	44	52	48	57	66	71	52	60	64	64	60	64	82	85	79	71	59	42	57	60	77		60.6
	Minimum	32	43	38	34	36	32	26	20	36	32	26	26	23	26	49	35	23	24	34	42	29	33	39	51	38	35	32	30	34	29		33.0
Tunkhannock	Maximum	49	74	70	61	49	58	54	45	50	43	51	50	58	64	69	64	58	66	63	60	63	81	85	75	70	63	38	55	60	72		$60.4
	Minimum	32	42	41	32	35	31	25	20	34	31	26	30	26	32	48	34	26	25	37	43	28	34	38	51	38	38	32	31	34	31		$33.5

Continued on page 32.

Daily Temperatures for April 1946—Continued from page 31.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	69	76	62	75	62	53	59	60	59	51	55	55	58	71	73	56	64	62	70	66	77	85	81	67	67	64	46	64	63	78	....	64.9
	Minimum	42	56	37	52	40	39	25	39	44	30	28	38	25	34	56	36	29	32	30	50	30	36	47	52	49	45	35	30	46	39	..	39.0
Vandergrift[1]	Maximum	68	70	69	72	48	50	58	56	52	53	56	56	59	70	58	54	62	65	68	65	73	84	82	68	70	57	46	60	65	78	...	63.1
	Minimum	39	55	37	45	38	35	23	33	39	29	23	38	26	31	50	36	25	34	30	41	26	34	46	48	38	42	35	26	45	38	...	36.2
Warren	Maximum	60	69	57	69	45	49	52	45	42	39	52	53	58	68	59	48	59	60	66	57	73	84	83	70	73	52	42	58	65	78	....	59.5
	Minimum	35	52	34	41	31	39	22	27	34	30	21	25	22	28	43	30	22	31	26	36	25	34	43	38	31	37	30	20	39	30	..	31.9
Waynesburg	Maximum	67	72	67	71	57	51	57	61	57	50	52	54	55	70	67	55	61	63	68	64	72	83	77	64	68	65	45	60	62	74	....	63.0
	Minimum	33	55	37	48	39	39	24	38	41	30	26	36	24	34	55	34	27	31	30	47	27	34	46	50	46	42	31	30	43	35	....	37.1
Wellsboro/	Maximum	48	72	47	71	42	52	49	38	44	45	51	46	56	65	60	48	60	59	66	50	67	83	83	71	70	47	39	57	60	76	....	57.4
	Minimum	26	35	38	34	35	30	21	20	25	28	18	20	24	27	33	32	18	23	29	38	24	31	39	44	36	40	30	20	27	28	...	29.1
West Chester	Maximum	59	77	60	57	54	62	55	43	58	53	50	50	57	65	75	70	62	65	66	68	65	79	82	72	64	58	58	58	62	69	...	62.4
	Minimum	36	44	46	44	42	35	31	33	38	36	31	40	34	34	44	42	38	35	40	50	35	40	42	61	52	45	38	30	44	40		40.0
Wilkes-Barre[1] Apt. -3N.	Maximum	50	76	53	60	48	56	51	42	54	45	53	50	55	65	69	51	59	64	65	58	64	82	87	72	71	55	42	58	61	75	..	59.7
	Minimum	35	44	35	38	35	34	31	26	38	28	24	29	25	32	48	30	28	30	42	41	34	40	44	49	43	37	34	31	40	35	...	35 3
Williamsport Arpt.[1]-4 E	Maximum	50	75	55	63	45	57	54	41	51	49	53	50	60	64	72	52	62	63	68	61	65	85	86	74	69	54	48	61	64	74	...	60 8
	Minimum	37	43	40	39	36	29	29	27	39	31	28	30	27	35	46	32	27	28	33	40	32	36	43	53	41	37	30	30	41	34	...	35.1
Williamstown	Maximum	53	74	67	60	60	56	55	54	55	50	55	54	58	67	73	67	62	66	66	64	65	81	85	78	68	56	47	58	64	72	....	63.0
	Minimum	38	40	43	41	39	30	33	27	38	35	26	37	28	32	45	39	34	31	41	42	33	33	42	54	42	38	33	31	36	35	...	36.5
Woodward Apt[1]-2 NE..	Maximum	44	69	57	62	51	52	50	43	47	47	48	46	56	62	67	49	57	58	63	55	62	80	82	67	62	50	40	56	59	72	..	57.1
	Minimum	30	40	34	35	29	32	26	28	30	27	24	29	29	34	44	30	29	39	36	32	29	47	58	46	46	32	28	25	41	42	....	34 4
York-3 SW	Maximum	57	77	67	67	65	60	59	60	60	59	57	56	61	68	80	73	72	73	74	69	67	81	88	78	69	67	51	62	68	71	..	67.3
	Minimum	34	41	44	40	39	33	26	28	33	29	23	39	25	29	50	45	34	33	32	47	29	35	42	52	40	46	40	33	42	40	....	36.7

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.54	21	29.52	2	9.0	26	sw.	2	74	64	70	69	549
Harrisburg	30.56	21	29.44	26	9.5	33	n.	5	65	41	52	69	404
Philadelphia	30.52	21	29.34	26	8.7	26	nw.	3	68	42	51	61	366
Philipsburg	30.51	21	29.56	4	.....	34[a]	nw.	5	71	42	54	.....	652
Pittsburgh	30.51	21	29.58	26	10.9	44	w.	4	71	48	56	49	451
Reading	30.55	21	29.38	26	12.8	49	sw.	15	61	.....	.....	62	399
Scranton	30.57	21	29.38	26	8.2	27	nw.	16	68	50†	....	51	528

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. $ Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.9	3.3	2	2.5	25	18
Easton	Delaware	2.7	3.8	1	2.1	26	22
Lehighton	Lehigh	3.4	4.0	1	3.1	25	0
Reading	Schuylkill	4.3	5.8	1	3.7	30	13
Wilkes-Barre	N. Br. Susquehanna	3.8	5.0	1	3.1	26	22
Williamsport	W. Br. Susquehanna	2.2	4.5	1	1.4	25	20
Newport	Juniata	4.6	5.9	1	3.7	24	22
Harrisburg	Susquehanna	4.0	4.8	1	3.7	26	17
Schenley,(nr) Lock No. 5.	Allegheny	12.9	13.6	2	12.5	14	24
Sutersville	Youghiogheny	4.2	5.6	1	3.5	23	20
Charleroi(nr.), Lock No. 4	Monongahela	12.3	15.0	1	11.3	22	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † On other days also.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras	1					1	2																	3	4						
Fog, heavy								7	9																3	3	4			31	1
Frost, killing							16	5		3	20	31	1	6			9	3	3		9							11			
Glaze								5																							
Hail																									1			1		1	
Rain, heavy																															
Sleet	3		1		1			21	2																	1	3				
Snow, heavy																															
Thunderstorms	11	30	2	8										1									12								
Winds, high	14	28	17	36	38	13			13	6				28	23		11	6	22				12				7	14			

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

(W. B. O., Philadelphia—6-20-46—975)

551.05
UNP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER
HARRISBURG, PA.

VOL. LI. MAY 1946. No. 5.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
REMIT DIRECTLY TO SUPERINTENDENT OF DOCUMENTS WASHINGTON, 25 D. C.

GENERAL SUMMARY.

This was the wettest month since August 1933 and was exceeded by only one May record, that of 1894. Thus there is nothing strange that record breaking floods were associated with the period, nor that the heavy precipitation followed the driest April of record. This sequence of very wet following very dry months has occurred a number of times; as for example, March-April 1903, May-June 1903 and 1928, August-September 1894 and September-October 1943.

There were 26 long established stations and 38 others of less than 20 years record that reported a month's total exceeding any previous May. Outstanding among these are the 61 years at New Castle, 59 years at York, and 58 years at Selinsgrove. Despite these records and the fact that 16 stations, particularly in the eastern half of the State received 10 or more inches of rainfall — 30% to 50% falling between the 26th and 29th, the months of May 1889 and 1894 were overshadowing monuments of rainfall and floods. With only 5 or 6 interruptions of 24 to 36 hours rainfall was reported rather generally, particularly in the Susquehanna River Basin, from May 5th to 22d. These rains set the stage for the floods that formed close to the 57th anniversary of the great Johnstown Flood.

It was the excessive rainfall of May 27th, caused by a slow moving low pressure area crossing the central portion of the State that produced the most serious flooding of record in portions of Lycoming, Tioga, and Bradford counties. However, flood stages were exceeded generally on the Susquehanna River and at scattered points on the Ohio and Delaware Rivers, but to a much lesser extent than in the north-central counties, where, as the waters receded, 12 deaths and millions of dollars damage were reported. These figures are much less than those of the great flood of 1936, principally because of the smaller areal coverage of the record floods and greatly improved warning systems. Many small towns, as Mansfield and Lawrenceville, in Tioga County, suffered more seriously than at any other time in their history. Soil erosion and crop loss harassed the farmers; 38 bridges and 16 miles of highways must be replaced in addition to repairs to many other bridges and inestimable miles of roadway.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 87 stations was 58.3°, which is 1.4° below the 59-year normal for May. The highest monthly mean was 65.4° at Marcus Hook and the lowest was 52.2° at Kane. Extremes ranged from a maximum of 92° at York on the 26th to a minimum of 23° at Kane on the 10th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 218 stations, was 7.25 inches, which is 3.28 inches above the 59-year normal for May. The greatest monthly amount was 11.80 inches at Sunbury, while the least was 3.02 inches at West Newton. The greatest amount recorded in any 24 consecutive hours was 5.39 inches at Renovo on the 26-27th.

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	57.3	91	24	4.24	T.	16	4	11	16
1889	60.4	96	25	5.91	0	11	11	9	11
1890	58.5	89	23	6.71	0	15	7	11	13
1891	57.3	93	20	2.12	0.2	8	10	10	11
1892	58.5	91	28	5.70	0	16	7	10	14
1893	57.9	93	26	5.54	0	12	11	8	12
1894	60.8	92	27	8.88	0	16	9	8	14
1895	60.6	102	22	2.68	0	9	13	10	8
1896	65.4	98	31	2.85	0	10	10	12	9
1897	57.7	88	25	5.24	T.	12	11	10	10
1898	60.0	94	22	5.11	0	15	8	9	14
1899	61.1	100	24	3.82	0	11	10	11	10
1900	60.4	96	20	2.79	T.	9	13	9	9
1901	58.9	91	28	5.56	0	15	8	9	14
1902	59.8	95	25	1.96	0	8	13	11	7
1903	61.8	94	18	1.67	0	7	16	9	6
1904	61.6	94	21	3.78	0	11	12	10	9
1905	60.8	93	22	2.59	0	12	11	9	11
1906	60.0	93	23	3.23	0	10	12	10	9
1907	54.8	[illegible]	19	3.08	0.1	11	11	9	11
1908	61.2	[illegible]	22	6.28	0.3	15	10	10	11
1909	59.2	[illegible]	23	2.90	0.1	10	12	10	9
1910	56.8	[illegible]	24	3.38	0	12	11	10	10
1911	65.2	99	20	1.97	0	7	17	10	4
1912	61.2	91	28	3.15	0	11	14	8	9
1913	58.5	93	21	3.86	0	10	13	8	10
1914	61.5	96	19	3.34	0	9	16	9	6
1915	56.2	84	21	4.16	0	14	10	8	13
1916	61.0	93	26	3.19	T.	13	12	11	8
1917	53.3	90	20	3.39	T.	13	9	10	12
1918	65.1	95	21	5.04	0	14	13	12	6
1919	59.5	98	27	5.80	0	14	13	7	11
1920	56.6	92	18	2.02	0	8	17	8	6
1921	59.8	93	22	3.93	0	11	14	8	9
1922	62.5	96	20	3.21	0	10	15	8	8
1923	58.3	93	20	3.50	0.6	8	19	6	6
1924	54.6	92	18	5.71	0	17	9	9	13
1925	55.2	98	22	3.49	0.2	11	13	10	8
1926	58.8	95	18	1.78	0	8	17	10	4
1927	58.2	92	23	4.14	0	16	9	9	13
1928	58.0	95	20	2.23	0	10	15	9	7
1929	58.5	97	23	4.81	T.	14	13	9	9
1930	61.2	99	25	3.03	0	10	15	8	8
1931	59.8	98	19	5.28	T	15	13	9	9
1932	59.8	98	21	3.69	0	10	15	8	8
1933	62.2	94	24	5.86	0	18	8	10	13
1934	62.2	98	22	2.51	0	8	18	8	5
1935	56.0	92	21	3.00	0	10	13	8	10
1936	62.8	96	24	2.09	0	7	19	8	4
1937	60.7	96	24	3.39	0	11	14	10	7
1938	58.8	93	20	3.85	0	13	11	9	11
1939	62.8	99	20	1.58	T.	7	16	10	5
1940	59.2	93	22	4.46	T.	16	9	9	13
1941	61.3	102	21	2.25	T.	9	15	9	7
1942	62.5	99	22	5.88	0	12	10	10	11
1943	60.4	93	19	6.08	T.	18	6	11	14
1944	65.6	95	27	4.28	T.	12	12	11	8
1945	55.7	91	18	5.12	0.3	16	9	10	12
1946	58.3	92	23	7.25	0	16	9	8	14
Period	59.7	102	18	3.97	T.	12	12	9	10

Climatological Data for May 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	60.0	−0.5	86	25	34	9	6.80	+3.30	1.45	26-27	0	15	5	9	17	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	57.8	−1.4	83	25	33	8†	5.56	+1.48	1.52	26-27	0	17	13	13	5	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	60.1	.....	87	25	30	10	7.23	.....	2.92	26-27	0	16	15	1	15	w.	Penna. Turnpike Comm.
Canton-1 NW	Bradford	1,450	6	54.6	.....	81	25†	33	10	9.59	.....	3.91	27-28	0	18	6	13	12	sw.	Mrs. E. Dillon Stone.
Carlisle	Cumberland	473	77	61.9	+0.1	86	25	41	10	6.67	+2.86	1.14	27	0	16	13	7	11	sw.	Clarence E. Miller.
Chambersburg-1 SW.	Franklin	600	50	61.1	−0.5	86	31	34	10	6.95	+3.26	1.58	27	0	15	10	12	9	sw.	Charles A. Bender.
Coatesville	Chester	431	58	60.6	−0.9	86	25	32	9	5.57	+1.67	1.11	27-28	0	14	17	2	12	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	3	54.0	.....	78	31	29	8	7.15	.....	2.44	26-27	0	16	5	4	22	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	53.4	.....	80	31	31	3†	9.46	+3.68	3.05	27-28	0	15	11	4	16	nw.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	57.6	.....	81	25	34	4†	7.88	+3.23	1.46	25	0	15	4	10	17	se.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	59	55.4	−2.6	84	30†	27	10	7.78	+3.43	2.50	27-28	0	17	10	3	18	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	48	62.9	+1.0	87	25†	39	10	7.26§	+3.85	2.00	26-27	0	15	12	9	10	s.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	59.6	−0.3	87	25	30	10	6.92	+3.30	1.36	14	0	17	.....	.....	.....	w.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	56.8	0.0	83	26	36	3†	10.19	+6.10	2.02	20-21	0	15	6	3	22	w.	Andrew B. Evansha.
George School	Bucks	184	39	61.1	−0.2	86	25	36	9	5.78	+2.31	1.38	14-15	0	15	11	10	10	w.	George M. Hart.
Gettysburg	Adams	500	72	62.4	+0.5	85	25	40	4†	6.09	+2.17	1.56	20-21	0	18	13	9	9	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	57.9	−0.5	85	25	30	9†	8.92	+4.68	1.78	20-21	0	19	11	8	12	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	63.0	−0.4	88	25	41	6†	6.10	+2.68	1.30	26-27	0	16	14	4	13	e.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	62.1	+0.3	86	25	39	10	7.54	+4.10	1.75	20-21	0	16	5	8	18	se.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	56.4	−1.1	89	25	27	9	7.63	+3.97	1.92	27-28	0	18	13	7	11	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	63.2	−0.1	84	25†	45	9†	6.36	+3.54	1.22	16-17	0	15	11	7	13	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	58	59.7	−0.8	86	31	30	10	7.71	+3.56	1.87	26-27	0	16	10	8	13	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	58	61.5	+0.2	86	31	32	10	7.98	+4.67	2.03	26-27	0	17	12	8	11	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	56.5§	−1.1	86	31	29	3†	8.40§	+4.63	2.60	26-27	0	15	9	14	8	.....	Carlos P. Darling.
Lebanon	Lebanon	469	61	61.4	+0.1	88	26	36	10	6.90	+3.06	1.65	26-27	0	15	15	8	8	se.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	7	59.8	.....	86	30†	35	10	7.34	.....	1.50	12	0	16	6	8	17	w.	American Viscose Co.
Lock Haven	Clinton	557	54	60.2	−1.6	87	31	34	10	9.11	+5.09	2.94	26-27	0	16	14	6	11	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	65.4	−0.8	88	17†	42	11	6.41	+3.21	1.28	18	0	12	9	9	13	sw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	57.8	.....	83	25	35	8	5.83	.....	1.12	14	0	16	6	6	19	w.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	40	53.8	−1.4	83	25	30	3	8.87	+4.97	2.11	20-21	0	18	10	3	18	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	53.8	−0.3	81	25	29	9	8.87	+4.79	2.89	27-28	0	16	7	6	18	n.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	57.8	−2.1	85	25	31	9	7.22	+3.54	1.95	26-27	0	15	16	7	8	ne.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	75	64.0	+1.1	86	25	44	4	5.85	+2.59	1.44	14-15	0	14	6	8	17	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	54.0	.....	79	25	30	10	8.05	.....	3.20	26-27	0	18	5	6	20	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	63.9	+1.6	88	17†	32	10	7.90	+3.95	1.62	16-17	0	13	15	8	8	sw.	Phila.-Suburban Water Co.
Port Clinton††	Schuylkill	407	7	58.2	−2.8	82	30	32	9†	8.61	+4.47	1.70	18	0	16	15	4	12	.....	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	59.6	−0.1	85	25	29	9	10.64	+6.81	2.83	17-18	0	15	10	12	9	nw.	John E. Benner.
Reading	Berks	273	75	62.5	+0.6	86	31	43	5	5.30	+1.63	1.86	27-28	0	15	8	6	17	w.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	58.8	−0.6	87	25	33	9	7.62	+4.35	2.13	27-28	0	15	7	11	13	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	58.4	−2.4	84	30	31	10	11.32	+7.28	3.48	27	0	16	7	8	16	s.	Dr. George E. Fisher.
State College	Centre	1,217	60	59.2	+0.2	83	31	36	8	7.57	+3.52	1.94	27	0	16	6	12	13	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	60.1	+0.4	88	25	28	9	6.39	+2.89	1.98	26-27	0	16	10	6	15	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	5	53.6	.....	81	31	33	9†	8.69	.....	3.04	26-27	0	16	5	13	13	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	56.9	−0.9	86	25	27	9	8.81	+5.43	3.73	27-28	0	18	7	11	13	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	53.2	−3.3	84	25†	25	3	8.63	+4.84	3.89	27-28	0	16	9	7	15	w.	M. S. Bliss.
West Chester	Chester	440	96	62.3	+1.3	85	25†	38	9	5.31	+1.06	1.10	26-27	0	16	11	11	9	s.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	7	58.4§	.....	86	25	31	9	9.51§	.....	2.15	27	0	17	6	3	22	nw.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	1	58.4§	.....	87	31	30	10	9.45	.....	4.03	27	0	16	3	7	21	sw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	29	59.5§	−1.0	85	25	33	9	9.54	+5.10	1.92	20-21	0	15	2	17	12	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	55.5	.....	80	25†	34	4†	7.43	.....	2.33	26-27	0	15	6	2	23	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	63.8	+1.9	92	26	37	9	8.39	+4.93	2.98	18-19	0	14	12	8	11	e.	York Water Co.
Division mean				**59.0**	.....	**92**	**26**	**25**	**3**	**7.71**	.....	**5.39**	**26-27**	**0**	**16**	**9**	**8**	**14**	w.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	56.5	.....	81	25	32	4†	5.13	−0.04	0.79	25-26	0	17	5	2	24	se.	U. S. Weather Bureau.
Bradford-4 W	Mc Kean	1,680	28	54.0	−1.5	80	31	26	10	8.03	+4.23	2.86	26-27	0	17	5	15	11	se.	City Water Dept.
Brookville Apt.-1.5SW.	Jefferson	1,400	55	55.6	−0.2	80	31	29	10	6.22	+2.49	1.67	27	0	20	6	4	21	w.	Civil Aeronautics Authority
Butler	Butler	1,077	32	57.9	−2.0	83	31	30	10†	4.78	+1.18	1.69	27	0	15	7	9	15	nw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	57.0	.....	84	31	28	10	5.36	+1.20	1.07	27	0	14	5	6	20	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	57.0	−3.8	81	15†	32	10†	4.75	−0.96	0.81	27-28	0	15	6	9	16	s.	Walter B. Paget.
Corry	Erie	1,410	31	54.5	−0.7	80	31	27	10	5.60	+1.73	1.35	11	0	18	11	7	13	sw.	J. Fred Kinley.
Coudersport	Potter	1,653	21	54.4	−1.9	81	30	25	10	6.86	+2.45	1.80	27-28	0	15	11	7	13	se.	Potter Enterprise.
Derry	Westmoreland	1,150	48	60.2	−0.6	85	25	33	10	5.43	+1.47	1.10	27	0	18	13	10	8	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	55.2	.....	82	25	28	10	7.97	.....	2.60	27	0	17	3	19	9	s.	Penna. Turnpike Comm.
Donora	Washington	761	19	61.6	−1.5	86	25†	37	10	3.95	+0.24	0.67	16	0	17	6	15	10	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	55.4	−1.1	79	25	31	8	6.74	+2.35	2.19	26-27	0	18	3	8	20	sw.	John L. McGough.
Farrell	Mercer	855	32	62.2	+2.2	88	31	35	10	7.77	+4.44	1.55	27	0	15	11	10	10	sw.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	2	57.0	.....	83	25	32	10	4.46	.....	0.70	16-17	0	18	12	4	15	w.	U.S. Engineers.
Franklin	Venango	987	71	55.9	−1.7	82	31	32	8†	9.38	+5.74	2.98	27-28	0	13	14	4	13	s.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	59.9	−0.6	83	25	31	8	5.64	+1.60	1.25	26-27	0	18	5	6	20	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	58.4	−1.4	84	25	.....	.....	4.62	+0.43	0.82	16-17	0	18	8	11	12	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	56.4	.....	82	31	30	10	6.92	+3.17	1.51	20-21	.....	15	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	60.5	−0.5	88	25	35	10	4.62	+0.18	0.86	26-27	0	18	9	9	13	s.	Johnstown Tribune Pub. Co
Kane-1 N.	McKean	1,750	30	52.2	.....	80	31	23	10	9.89	+5.39	3.31	27	0	20	8	4	19	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	55.0	−2.0	81	31	27	8	6.54	+2.50	1.36	20-21	0	17	4	12	15	sw.	City of Meadville.
Midland	Beaver	780	9	59.9	−1.5	82	31	36	10†	8.14	+3.67	2.16	27-28	0	13	8	8	15	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	59.0	−0.7	84	31	31	10	9.46	+5.99	3.35	26-27	0	18	5	16	10	s.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	12	59.9	−0.3	83	25†	39	4†	4.10	+0.89	1.05	26-27	0	17	4	6	21	s.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	58.6	.....	89	25	28	10	4.27	.....	0.93	27-28	0	17	5	10	16	ne.	U.S. Engineers.
Ridgway	Elk	1,385	38	54.4	−1.5	86	31	25	10	5.86	+1.91	1.37	27	0	14	9	8	14	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	56.7	0.0	82	15†	27	10	4.99	+0.15	1.13	26-27	0	18	4	5	22	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	54.6	−0.9	81	25	29	10	5.35	+1.15	1.18	16-17	0	20	6	2	23	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	54.6	.....	81	31	30	3†	7.62	+2.91	2.29	27-28	0	17	11	1	19	w.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	55.8	.....	80	31	28	10	9.32	.....	3.60	26-27	0	17	3	20	8	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	61.4	−0.7	85	25	36	13	4.87	+0.76	1.23	17	0	19	5	13	13	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	60.2	−0.9	85	25†	33	10	5.06	+1.48	1.23	27	0	16	13	13	5		Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	57.6	+1.0	85	31	30	10	4.25	+0.05	1.00	27-28	0	12	12	12	7	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	60.2	−1.0	83	31	33	8	4.46	+0.39	1.05	16-17	0	15	3	15	13	sw.	Thomas S Knox.
Division mean				**57.3**	.....	**89**	**25**	**23**	**10**	**6.13**	.....	**3.77**	**27-28**	**0**	**16**	**7**	**9**	**15**	sw.	
Lake Drainage																				
Albion	Erie	900	2	55.2	.....	83	31	28	8†	7.28	.....	1.21	20-21	0	17	13	15	3	ne.	Charles C. Gilbert.
Erie	Erie	705	72	56.1	−0.7	79	31	38	8	7.68	+4.28	2.84	31-1	0	18	7	8	16	sw.	U. S. Weather Bureau.
State mean				**58.8**	**−1.4**	**92**	**26**	**23**	**10**	**7.25**	**+3.28**	**5.39**	**26-27**	**0**	**16**	**9**	**8**	**14**	w.	

[See page 40 for explanation of reference marks.]

Daily Precipitation for May 1946

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike					.10			.24			.05	.08	.41		.74		.04	.50	.42		.27	.19				.68	2.50	1.02	.03			7.27
Equinunk[2]	Wayne	.03				.15	.01	.02	.85	.02	.04	.10	.08	.15		.63		.10	.28	.90		1.19	.37				.25	.81	1.88	.40			8.26
Hawley[2], 0.5 E	Wayne					.14	.02	.02	.49		.01	.08	.02	.53		.64		.05	.38	.57		.51	.10				.94	1.01	1.92	.20			7.63
Hollisterville[2]	Wayne					.09	.01	.02	.57			.01	.02	.51		.50		.02	.21	.60		.93	.04				1.01	1.04	1.98	.22			7.78
Lakeville[2], 1 N	Wayne					*	*	.17	.47			*		.61		.41		*	*	1.10		*	.81				1.57	.81	.78	1.07			6.75
Matamoras[2]	Pike					.07		.12	.42				.12	.18		.56		.05	.44	.38		.12	.12				.54	1.87	1.53				6.52
Milanville[2]	Wayne					.12	T.		.56			.25	*	.37		.81		.14	.64	.59		.37	.27				.55	1.07	1.40	.15			7.31
Mount Pocono[1], 2 N	Monroe				.05	.19	T.	.19	.02	T		.12	.38		.60	T	.05	.54	.58		.70	.64				.92	.91	2.79	.19			8.87
Pecks Pond[2]	Pike	.04				.16		.08	.28				.22	.21		.69			.72	.53	.30	1.51				.54	.58	2.40	.95			8.88
Pleasant Mount[1, 5], 1 W	Wayne				.02	.08	.07	.82	.05			.42	.17		.70		.10	.30	.95	.64		.26					.86	1.98	.16	.01			10.00
Stroudsburg, 2 E	Monroe				.01	.21		.08	.11			.14	.32	.23		.70	T.	.07	.66	.59							.45	.36	1.44	.91			6.39
Tanners Falls[1, 5], 1 SE	Wayne				.02	.11	.05	.67	.05	.05		.30	.29	.04	.95		.09	.22	.72	.01	.40	.81					.62	.58	1.59	.19			7.94
Wind Gap[1, 5], 3SW	N'rthampton				.04	.10		.09				.14	.52		.84	.02		.45	.94	.02	.03	.18										6.35
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh				.06	.08		.14	T.			.18	.73		.96	T.	.02	1.05	1.06	T.	.01	.28				.45	.23	1.34	.21	T.	T.		6.80
Allentown[2]	Lehigh					.21	.01		.16			.06	.18	1.01		.99		.07	.62	.79		.05	.23				.22	.83	1.09	.03			6.55
Bethlehem[1],	N'rthampton				.07	.12		.12	.01			.12	.98		.85		.01	.38	.71			.19				.18	.53	1.43	.17	T.			5.87
Blakeslee Corners[1, 5]	Monroe				.01	.02		.11	.09			.10	.40		.17	.12	.03	.48	.67	.12	.44	.59				.94	1.30	.85	.13	.10			6.67
Gouldsboro[2]	Wayne					.14			.53			.07	.07	1.13		.34	.02	.05	1.18	.62		.64	.28				1.05	2.28	1.24	.06			9.70
Lansford[2]	Carbon					.24		.04	.32			.15	*	.92		.74		.22	1.47	.73		1.10	.21				*	2.20	2.76	.05		T.		11.15
Mauch Chunk, 1 SW	Carbon				*	.24		.10	.19			.20	.55	.10		.89	.05	.21	1.05	.93		1.18					.09	1.08	2.18	1.15	.06		.04	10.29
New Tripoli	Lehigh				.05	.13		.04	.13			.20	.34		.18	.59	.13	.31	.37	.70	.16	.35					.03	1.57	2.78	.78				8.84
Palmerton[1, 5]	Carbon				.02	.06		.15	T.	T.		.09	.38		.74	T.	.17	.85	.78	T.	.14	.26				1.08	.59	*	1.91	T			7.22
Zionsville, 1 SW	Lehigh				.15	.10			.05			.18	2.20		*	1.20		.30	.50	.70		.38						.25	1.25	.30				7.56
SCHUYLKILL																																	
Conshohocken	Montgomery					.21	T		.12			.23	.18	.83		.67	T.	.12	1.63	.74		.05	.14				.09	1.23	.82	T.			6.96
Fredericksville[2], 1 S	Berks					.25			.12			.15	.31	.97	.71			.36	.63			.61	.04					.80	.72				5.67
Geigertown[2]	Berks					.34							.62	1.03		.77		.86	1.18	.94		.08					.06	.89	.96	.07			7.80
Gratersford[2]	Montgomery					.39		.03	T.			.08	.25	.63		.78		1.62	.56	.85		.02	.07					1.47	1.15				7.90
Phoenixville[2], 1.5 SE	Chester					.25	T.		.04			.09	.23	.64		.85	.01	.62	.98	T.		.03	.11				.81	.91	1.57	.06			8.61
Port Clinton[2]	Schuylkill					.15		.05	.39			.14	.19	.59		.54		.28	1.70	.62		.42	.19				.17	.62	1.38	.06			6.08
Pottstown[2], 0.5 S	Montgomery					.25	T.		.04			.09	.23	.64		.85	.01	.62	.98	T.		.03	.11				1.23	.72	1.55	.05			8.89
Pottsville[2]	Schuylkill					.22		T	.42			.12	.19	.43		.35		.24	.74	1.10		1.47	.06				1.23	.72	1.55	.05			5.30
Reading[1, 5]	Berks				.10	.07	T	.18	T.			.25	.42		.59		.02	.46	.80		.01	.20				.24	.04	1.70	.22				8.39
Strausstown[2]	Berks					.20		.01	.32			.14	.12	1.21		.35		.25	.42	.87		.72	.14				.94	.78	1.86	.06			6.34
Virginville[2]	Berks					.24		T	.20				.20	.26		.64	T.	.27	.42	1.10		.14	.14				.50	1.60	1.21	.02			6.71
Wernersville	Berks				.12	.06		.01	.23			.24	.62		.60	.14	.04	.65	.70	.01	.04	.37					.86	1.53	.47	.02			
LOWER DELAWARE																																	
Coatesville[2]	Chester				T.	.26	T	.02	.13			.10	.35	.53		.77	.02	.91	.69	.02			.02					.64	1.11	T.			5.57
Doylestown	Bucks				.13	.10			.02			.10	1.05	.01	.16	.73	.03	1.11	.97	.78		.08					.02	1.04	.14				6.47
George School[6]	Bucks				.05	.10			.03			.06	.64	.01	.59	.79	.06	1.11	.47	.44		.06					T.	1.23	.14				5.78
Maple Glen[7]	Montgomery				.11	.14		T.	.02			.11	.39	.24		1.01	.01	.76	1.10	.93		.04	.03					.93	.11	.04			5.97
Marcus Hook[2]	Delaware					.18			.12				*	.80		1.20		*	.53	1.28		T.	.05					.80	.95	.50			6.41
Philadelphia Southwest Airport, [1]	Philadelphia				.13	.03	T.	.10	T.			.06	1.04	T	1.26	T.	.09	.32	.78	T		.10					.03	1.35	.80	T.			6.09
City Office[1, 5]	Philadelphia				.09	.06		.04	.01			.01	1.31	T	1.42	.02	.18	.25	.61	T.		.21					T.	1.32	.29	T.			5.85
Shawmont	Philadelphia				.16	.12		.04	.05			.05	.70	.25	T.	1.17	.05	.51	.60	1.00		.08					.07	1.05	.10	.02			6.02
Quakertown, 0.5 E	Bucks				.13	.11			.02			.14	1.34		.19	1.13		1.42	2.83	.92		.21					.04	1.75	.38	.03			10.64
West Chester	Chester				.15	.12		.05	.08			.10	.32	.03	.77	.17		.68	.84	.31	T.	.10					.05	1.10	.44				5.31
West Grove[2], 1.5 SE	Chester				T.	.31			.13		.10	.31		.12		.67		.05	.90	1.08		.05	.13					.90	.78	.83				6.36
Susquehanna Basin CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga				.11	.02		.65	.06		.01	.16					.15	.55	.03	.01	.14	.17				.40	.53	3.28	.19			.60	7.06
Covington[2]	Tioga					.05	.04		.95			.05	.20				.18	1.02	.25			.75	.21				.10	1.47	3.44	.10			8.81
Lawrenceville	Tioga				.08	.08		.90	.10	.10		.15	.10		.08		T.	.85	.22		T.	.42				.30	.24	2.60	2.18				§8.40
NORTH BRANCH																																	
Berwick	Columbia				.03	.08		.08	.75	T.		.07	.89	.01	.13	.47	T	.27	.88	T.	T.	1.94					1.02	2.21	1.21	.07			10.11
Canton[2], 1 NW	Bradford					.09	.07	.03	.90		.01	.08	.13	.03		.40		.58	.39	.24		.38	.18				.72	1.41	3.91	.09			9.59
Danville[2]	Montour					.14		.03	.70		T.	.05	.17	.73		.63		.21	.32	.56		1.11	.24				.97	.85	1.50	.22			8.43
Freeland[2]	Luzerne					.11			.67		T.	.10	.02	.60		.70	.08	.22	1.20	.15		2.02	.12				1.57	1.05	1.58				10.19
Hop Bottom[2], 2 S	Susquehanna					.15	.04	.15	.80		.06	.28	.40	.30		.10		.22	*	.70		.90	1.00				.50	1.25	1.75	.52	.25			9.37
Millville[1, 5]	Columbia				*	.13		.56	.03			*	.86		.50		.16	.23	.38		.18	1.22				*	3.26	1.70	.30				§9.51
Monroeton[2], 2 S	Bradford					.09	.02	T	.98			.02	.11	.09		.26		.23	.27	.45		1.02	.22				.43	.98	4.81	.25			10.23
Montrose[2], 3 E	Susquehanna					.07	.01	.01	.91		.12	.19	.05	.01		.28		.29	.17	.88		2.11	.19				.39	.79	2.07	.33			8.87
Orwell[2], 3 N	Bradford					.05		.02	.81		.02	.11	.06	.01		.20		.53	.54	.28		1.30	.12				.65	.91	1.98	.17			7.76
Park Place[1], 1 NW	Schuylkill				.11	.10	T.	.53	.03		T.	.21	.66		.49	.01	.22	1.19	1.02	T	.87	1.21				1.38	1.01	2.16	.37		T.		11.57
Pikes Creek[1, 5]	Luzerne				.06	.10		.68	.03			.15	.55		.72	.05	.46	.33	.77		.42	1.55				.61	.49	3.91	.51				11.39
Rush[2]	Susquehanna					.10			.85		.01	.27	.07	.02		.26		.51	.10	.54		1.10	.16				.45	.85	2.60	.25			8.14
Scranton[1, 5]	Lackawanna				.01	.04	T.	.57	.02	T.		.04	.44		.76		T.	.04	.93		.29	.63				.98	.39	2.00	.48				7.62
Susquehanna[2]	Susquehanna					.10		.02	.83		.08	.13	.02	.01		.21		.56	.32	.59		1.56	.23				.49	.71	1.64	.22			7.72
Towanda, 1 E	Bradford				.02	.05	T.	.69	.21	T.		.04	.14		.15	.08	.05	.50	.37	.02	.03	.97				.07	.63	2.30	2.49				8.81
Tunkhannock	Wyoming					.06	T.	.50	.48				.23		.06	.43	T	.24	T.	.58		1.76						*	2.18	2.71	T.			9.23
Wilkes-Barre[1], 3 N	Luzerne				.01	.03		.77	.04	T.		.07	.50		.70	.01	.05	.11	.91	T.	.35	1.11				1.14	.95	2.15	.67				§9.51
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga					.06	T.	.08	.89			.06	.16			.08		.29	.20	.12		.36	.02				.59	.77	2.21	.04			5.93
Carrolltown[2]	Cambria				.16	.27		.24	.76			.26	.26	.08		.44		.66	.10	.19	.10	.20	.19				.77	1.43	1.27	.14			7.52
Carter Camp[2]	Potter					.26	.02	.09	1.02			.27	.28	.02		.07	T.	.49	.20	.11		.52	.08				.52	1.01	3.30	.05			8.31
Cedar Run[2]	Lycoming					.14		.17	.72			.15	.14	.02		.25		.48	.08	.31		.35	.06				.87	1.79	3.35	.03			8.91
Clearfield[2]	Clearfield				T.	.38		.07	.61			.22	.22	.04		.08		.63	.10	.17		.16	.04				.51	2.02	1.22	.10			6.57
Coalport[2]	Clearfield				*	.40		*	.88			*	*	.42	T.	.43		.60	*	.30	*					.15	.52	1.56	1.18				6.68
CurwensvilleApt[1] 6NW	Clearfield				.33	.10	T.	.78	T	T.	.18	.37	.14		.08	T	.61	.19	.28	T.	.14	.12				.54	1.44	1.68	.17				7.15
Driftwood[1, 5]	Cameron				.12	.07		.95			.10	.15	.08		.15		.55	.11	.10		.04	.26				.26	1.05	2.19	.03				6.21
Dushore[1, 5]	Sullivan				.05	.01		1.07	.04			.09	.04		.42			.35	.36		.29	1.21				.68	.63	3.03	.62				8.89
Eagles Mere[2]	Sullivan					.09			.89	T.		.11	.14	.12		.59		.44	.21	.61		1.55	.19				.64	.65	3.05	.18			9.46
Emporium[2], 1 E	Cameron					.22	T.	.02	.85			.32	.20	.01		.07		.54	.24	.19	.04	.22	.02				1.15	1.13	2.50	.06			7.78
English Center[1, 5]	Lycoming					.08		.84			.03	.15	.10		.49			.85	.45		.06	.84				.52	.58	4.70	.25				9.94
Galeton	Potter				.10	.02	.02	.96	.12	T.		.16	.18		.08	T.		.68	.03	.01	.06	.42	T.			.36	.43	3.18	1.52				8.33

Continued on page 36.

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield					.34		.10	.74			.15	.19	.06		.22		.29	.22	.12		.34	.10				.81	2.10	1.29	.10			7.17
Lock Haven[2]	Clinton					.08		.08	.74			.09	.19	.09		.51		.64	.17	.53		.89	.13				1.03	1.04	2.80	.10			9.11
Medix Run[1, 5]	Elk				.22	.03		.90			.11	.22	.10		.11		.40	.14	.15	.04	.06	.13				.73	1.29	2.15	.04			6.82
Philipsburg[1], 7 E	Centre				.26	.06	T.	.90	T.	T.	.04	.21	.20		.63	.01	.32	.10	.31	.01	.18	.38				.56	1.70	2.05	.18			8.05
Renovo[2]	Clinton					.19		.09	.70			.10	.10	.02		.35		.20	.19	.14		.28	.12				.38	2.16	4.70	.10			9.82
State College[1, 5]	Centre				.06	.02	T.	.68		T.	T.	.09	.27		.68	.01	.33	.10	.63	T.	.27	.66				1.29	.36	1.94	.18				7.57
Tamarack[2], 2 S	Clinton					.20	T.	.04	.85		T.	.24	.10	.06		.15		.72	.15	.11		.37	.10				.83	1.84	2.82	.11			8.69
Trout Run	Lycoming				T.	.13		*	.80			.08	.27		*	.47	.24	.42	.47	T.	.05	.84				.55	.58	3.40	.15				8.45
Tyrone [1, 5], 4 NE	Blair				.37	.03		.58			.04	.10	.26		.48		.43	.05	.43	.01	.23	.44				.48	.49	2.06	.12				6.60
Wellsboro[2]	Tioga					.08	.01	T.	1.01			.07	.14	.09		.13		.30	.37	.16		.39	.16				.35	1.38	3.89	.10			8.63
Williamsport Apt.[1] 4 E	Lycoming				.11	.08		.78	.01	T.	T.	.09	.16		.53	T.	.07	.36	.40		.11	.63				.66	1.09	4.03	.34				9.45
Williamsport[2]	Lycoming					.14		T.	.76			.06	.02	.17		.49		.28	.21	.35		.49	.13					.72	.71	3.67	.16			§8.35
Williamsport[2], 4 SE	Lycoming					.20		T.	.81		T.	.10	.05	.21		.68		.38	.18	.60		.55	.19					.69	1.27	3.89	.42			9.72
JUNIATA																																	
Altoona, 4.5 W	Blair				.29	.18	.04	.48	.03			.14	.30		.56		.19	.59	.23		.06	.39				.32	.14	1.52	.10				5.56
Breezewood[1], 0.5 E	Bedford				.47	.06		.17			.01	.15	.09		1.29		.92		.36	.11	.51	.35				.10	.26	.60	.09				5.54
Buffalo Mills[2]	Bedford				.30	.25		.04	.21			.03	.19	.10		1.30		.86	.60	.20		.43					.33	.22	.19	.06			5.31
Burnt Cabins[1], 2 NE	Fulton				.43	.06		.32			.02	.14	.34		.84		.17	.42	.18		.15	.35				.76	.58	2.34	.13				7.23
East Waterford[2], 3 E	Juniata				T.	.37		T.	.42		T	.03	.07	.12		.74	T.	.95	.43	.28	T.	.36	.05					1.46	1.35	1.00	.30			7.88
Everett[2], 0.5 SW	Bedford				.27	.54		T.	.27			.02	.18	.09		1.36		.98	.22	.25	.02	1.05	.09					.06	1.32	.07	.12			6.92
Huntingdon[2]	Huntingdon				.06	.28		T.	.58		T.	.04	.31	.55		1.13		.55	.02	.70	T.	1.00	.04					.38	1.20	.83	.04			7.71
Lewistown[2], 1 W	Mifflin				T.	.15		.02	.54			.03	.11	1.50		.96		.50	.20	.08	T.	.48	.07					1.19	.69	.66	.16			7.34
Mapleton Depot[2]	Huntingdon				.02	.30			.54			.02	.03	.26		1.26		.89	.39	.45		.81						.55	1.27	1.31	.16			8.26
Martinsburg[1]	Blair				.33	.04	T.	.58		T.	.03	.09	.38	T.	1.12	T.	.80	.04	.31		.35	.33				.53	.29	.56	.05				5.83
McConnellstown[2], 4NW	Huntingdon				.06	.38		.05	.49		.09	.06	.27	.62		1.10	T.	.45	.11	.63	T.	.55	.07					.57	.80	1.31	.14			7.75
Neffs Mills[1, 5], 3.5 NE	Huntingdon				.17	*	*	*	.71			.07	.23		.83		.40	12	.79	.01	.58	.42				.75	.45	1.57	.08				7.18
New Bloomfield	Perry				.12	.16		.16	.27			T.	.45		.57	.22	.30	.80	.50	.06	.03	.97				.80	1.82	2.01	.18	.08	.02		9.52
Newport[2]	Perry				T.	.24		T.	.41			.02	.03	.40		.76		.49	.27	.44		.97	.09					1.41	.79	1.22	.16			7.70
Saxton[2], 1 W	Bedford				.13	.10		T.	.40			T.	.04	.13		1.50		1.05	.43	.25	T.	.75	.05					.80	.70	.25	.10			6.68
Shade Gap[1, 5], 0.5 SW	Huntingdon				.39	.05		.32	.01			.08	.13		.77		.93	.57	.18		.47	.27				.61	.30	2.31					7.38
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams				.18	.48		T.	.58			.07	.05	.02		.38	T.	.48	.15	.42		1.14	T.					.30	1.16	.72	.05			6.18
Beavertown	Snyder				.05	.25		.30	.45			.06	1.08	.05	.10	.85	.15	.40	.18		.30	.20					1.25	2.05	.65	.20			8.57
Bloserville, 1.5 N	Cumberland				.25	.15	T.	.16	.16			.10	.48		.33	.48	.43	T.	.73	.23	.03	.40				T.	2.50	2.37	.07	.08			8.95
Carlisle	Cumberland				.19	.18		.65		T.			.35		.80	.01	.31	.58	.51	.04	T.	.89				.14	.73	1.14	.09	.06			6.67
Columbia	Lancaster				.19	.09			.26			.06	.85		.12	.28	T.	.32	1.18	.07	.01	.24					.56	1.06	.43	.03			5.75
Dauphin[2], 3 N	Dauphin				T.	.22		T.	.51			.01	.03	.58		.75	T.	.36	.22	.62		1.35	.13				1.55	.83	.71	.28			8.15
Ephrata	Lancaster				.17	.06		.09	.21			*	.80		.24	.30	T	1.50	.76	T.	.07	.23					.24	2.00	.59	T.			§7.26
Glen Rock[1, 5]	York				.44	.07		.12	.01			.40	.10		.41	.03	.72	.64	.17	.02						.09	.38	1.14					4.74
Gordon	Schuylkill				.05	.15		.12	.58			.12	.70		.21	.21	.13	.78	.85	.15	.38	1.40				.09	1.12	1.10	.79	.09			8.92
Grantville, 2 SW	Dauphin				.09	.16		.21	.19			.11	.51		.28	.04	.15	.74	1.74	.02	.09	1.02				.16	2.00	1.98	.52	.03			10.04
Hanover[2]	York	T.			.10	.36		T.	.17			.02	.06	.08		.29	T.	.74	.63	.76		1.23	.06					.15	1.30	.14	.01			6.10
Harrisburg Apt[1, 5], 3.5 S	Dauphin				.11	.06	T.	.36		.01	T.	.11	.97		.36	T.	.11	.50	.82		.29	1.46				.69	.51	1.13	.05				7.54
Holtwood[2]	Lancaster			T	.08	.17			.09			.11	.14	.67		.47	T	1.22	1.20	.45		.13	.01						1.10	.42	.10			6.36
Huntsdale[2]	Cumberland				.07	.40		T.	.54			.06	.04	.72		.79		.69	.07	.54		.82	.07					.84	1.17	1.05	.19			8.06
Kirkwood[1, 5], 1 SW	Lancaster				.20			.18				.13	.46		.69		.12	1.48	1.41			.10					.31	2.18	.02				7.28
Lancaster	Lancaster				.14	.07		T.	.22			.12	1.01		.20	.35	.04	1.55	1.20	.10	.05	.13					.23	2.03	.49	.05			7.98
Lebanon[2]	Lebanon					.25			.32			.12	.08	.55		.30		.27	.20	1.04		.52	.08					.50	1.65	.98	.04			6.90
Middletown[1], 1.5 W	Dauphin		T.		.21	.04	T.	.39		T.	T.	.14	1.22		.45	T.	.10	.36	1.00		.19	.90				.79	1.71	1.83	.02				9.35
Millersburg[1, 5], 2 E	Dauphin				*	.17		.48					.38		.60		.20	.32	.47	.01	.06	1.44				.78	1.89	2.01	.10				8.91
Milroy[2]	Mifflin					.20	T.	.21	.45			.09	.50	.35		1.03		.44		.76		.81	.05					.92	.72	.90	.14			7.57
Newburg[1], 3.5 NW	Cumberland				.58	.02		.40			T.	.08	.33		.86		.46	.66	.30	.02	.35	.11				1.95	.35	2.77	.21				9.45
New Park	York				.36	.07		.14					.36		.56		.03	1.35	1.76			.17					1.27	1.37					7.44
Pine Grove[2], 1.5 NE	Schuylkill					.19	T.	T.	.40			*	*	.36		.31		.28	*	1.71		1.28	.07					*	2.23	1.27	.07			8.17
Selinsgrove	Snyder			T.	.02	.11	.16	.16	.47			.05	1.57		.40	.34	.59	.69	.42	T.	T.	1.56					T.	3.48	1.25	.05			11.32
Shamokin[2]	N'umberland					.13		T.	.67		T.	.06	*	.77		.57		.20	.22	.62		1.45	.15					*	2.60	1.14	.19			8.77
Shippensburg	Cumberland		T.		.34	.12		.21	.17			.08	.40		66	.20	.15	.49	.51	.05	.03	.36				.08	1.12	2.47	.20	.08			7.72
Sunbury[2]	N'umberland				T.	.09		.02	.66			.02	.16	.92		.67		.23	.34	.45		1.54	.29				1.44	1.53	3.22	.22			11.80
Williamstown[2]	Dauphin					.19		T.	.44			.09	.07	.32		.37		.27	.44	.86		1.92	.09				1.05	1.87	1.38	.18			9.54
Woodward[1], 2 NE	Centre				.14	.02		.66		T.	T.	.08	.36		.94	T.	.25	.15	.41		.26	.53				.50	.61	2.27	.25				7.43
York, 3 SW	York				.28	.11			.30				.40		.04	.34		.39	1.58	1.40		.85					.66	1.31	.70	.03			8.39
York Haven[2]	York					.31			.38			.08	.04	.28		.29	T.	.68	.09	1.34		.78	.25					.39	1.13	.78	.03			6.85
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin				.55	.07		.40		T.		.11	.36		.74		.47	.79	.28		.06	.38				.29	.63	1.58	.24				6.95
Gettysburg	Adams				.45	.17		.06	.27			.03	.16		.27	.13	.29	.14	.38	.02	.01	1.55					.64	1.35	.14	.03			6.09
Hewitt, 2 SW	Bedford	T.			*	.62		.17	T.	.03		.02	.78		1.35	.02	.49	.75	.17		.02	.85				T.	.30	.65	1.48	.04			7.69
Hyndman[2]	Bedford				.42	.31			.13			T	T.	T.		1.39		.70	T.	.15	.02	.65					T.	.39	.33	.13			4.62
McConnellsburg[2]	Fulton				.23	.41			.43			T.	T.	.60		.89	.42	T.	T.			.60	T.				.42	.62	.20	T.			4.82
Mercersburg[2]	Franklin				.39	.37		T.	.42			.04	.05			.85		.70	.15	.10		.43	.04				.26	2.01		.19			6.00
South Mt. San't'm[2]	Franklin				.13	.52			.48			.02	.06	.04		.56		.39	.10	.60		.48					.78	1.71	.83	.11			6.81
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny				.08	.38	T.	.29	.34			.26	.16	.04		.25	T.	.42		.12	.03	.35	.04				T.	.46	.57	1.74				5.53
Allens Mills[1, 5]	Jefferson				.33	.01		.92			.13	.53	.17		.07		.24	.16	.25	.04	.04	.06				.70	.88	1.45					5.98
Blairsville[1], 6 NE	Indiana				.40	.04	.17	.52			.09	.39	.41		.52		.52	.23	.20		.07	.39				.65	.16	.31	.06				5.13
Boswell[2], 6 NW	Somerset				.31	.22		.14	.25			.30	1.12	.06		.80		.70	.32	.20		.41	.04					.38	.41	1.20	.05			6.91
Bradford, 4 W	McKean				.04	.28	.20	.46	.08	T.		.90	.09				.37	.27	.15	.43	.02	.63	T.			.07	.40	2.86	.78				8.03
Brookville[1], 1.5 SW	Jefferson				.15	.11	.01	.85		T.	.15	.37	.19		.04	.01	.28	.12	.32	.03	.06	.14				.89	.79	1.67	.03				.01	6.22
Buckstown[1, 5]	Somerset				.33		.05	.50			.02	.32	.31		1.36		1.19	.08	.20		.16	.16				.06	1.00	.45					6.19
Clarion[2], 3 SW	Clarion					.30		.25	.53			.47	.43			.04	T.	.13	.24	.12	.01	.32					.58	.87	1.07					5.36
Corry	Erie				.19	.24	.08	.39		.03		1.35			.02		.10	.24	.07	.14	.19	.75				.32	.40	.60	.13				.36	5.60
Coudersport	Potter				.15	*	.04	.41				.55			.02		.25	.47	.22		.01	.39				.41	.68	1.46	1.80					6.86
Derry	W'moreland				.39	.06	.09	.23	.06			.20	.50	T.	.60		T.	.82	.23	.03	.09	.24	.06			.56	.12	1.10	.05					5.43
Donegal[1]	W'moreland				.26	.13	.13	.25			.08	1.10	.50		.62		.61	.13	.52		.03	.32				.35	.29	2.60	.05					7.97
Dunlo[1, 5], 0.5 SW	Cambria				.24	.06	.09	.44			.05	.39	.57		.55		.93	.26	.07		*	.43				.11	.33	.46	.06					5.04
Ebensburg[2]	Cambria				.13	.29	.10	.28	.32			.29	.43			.63		.76	.14	.20	.02	.32			T.	.01	.51	1.96	.23	.12				6.74
Ford City[2], 4 S	Armstrong				.07	.27	.02	.16	.42			.25	.31			.32	.03	.70	.03	.13	.06	.16	T.			T.	.43	.55	.52	.03				4.46
Franklin[2]	Venango					.20	T.	.28	.49			.40	.48			T.	T.	.86	.53	.25		.79					1.00	1.10	2.98	.02				9.38
Glen Hazel[2], 1 NE	Elk					.28	.01	.33	.58	T.	.01	.38	.47			T.	T.	.66	.18	.42	T.	.17	T.					.82	1.43	1.44	.01			7.19
Home[1, 5]	Indiana				.20		.04	.76			.11	.24	.16		.17		.60	.30	.24		.12	.21				.60	.38	.99	.07	.02		.02	5.23
Indiana	Indiana				.18	.09	.07	.59	.06			.25	.30		.28		.02	.82	.25	.03	.11	.08				.42	.47	.56	.04					4.62
Johnstown[2], 0.5 W	Cambria				.13	.30		.10	.12		T.	.27	.40	.06		.61	T.	.38	.08	.24	.02	.31	.07					.35	.86	.30	.02			4.62
Kane[1], 1 N	McKean				.12	.20	.02	.71		.01	.10	.70			.04	.01	.16	.77	.25	.06	.58	.12				.68	.71	3.31	.60				.74	9.89

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Stations	Counties	Day of month																											Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kregar[1, 4.5 SE.	W'moreland			T.	.53	T.	.12	.29		T.	.06	.79	.43		.82		.73	.33	.26		.15	.32			T.	.22	.13	1.63	.23				7.04
Lycippus, 1.5 E.	W'moreland				.56	.06	.07	.34		.02		.06	.54		.57		.03	.71	.26	.11	.12	.21	.18		T.	T.	.17	1.10	.28	T		*	5.69
Marienville[1, 5	Forest				.30	.02		.78			.06	.69				.01	.20	.35	.36		.02	.11				.36	.94	1.76	.03				5.99
Meadville[2, 1 S.	Crawford					.40	.03	.24	.09	.03		.56	.64			.06	.01	.42	.07	.24		1.36	T				.51	1.06	.81	.01			6.54
Mosgrove[2	Armstrong				.02	.29		.06	.47			.31	.31	.07		.12	.02	.26	.12	.11	T.	.22	.08			T.	.49	.65	1.17	.01			4.81
Parkers Landing[2	Armstrong			T.	.24		.22	.43				.40	.30					.10	.27	.26	.03	1.08					.50	1.25	1.60	.44			7.12
Pittsburgh City Of[1, 5	Allegheny			T.	.52		.09	.40			.15	.31	.15		.17		T.	.36	.35	.18	T.	.07	.06			.04	.42	.62	.85	.03				4.38
Port Allegany[2	McKean					.15	.02	.12	.58		.02	.20	.18			T.	T.	.36	.35	.18	T.	.18					.39	1.19	2.56	.01				6.44
Punxsutawney[2	Jefferson				.02	.17	.01	.08	.50		T.	.33	.37			.15	T.	.46	.08	.23	.02	.13	.01				.65	1.20	1.08	.02				6.44
Putneyville[3, 2.5 SE.	Armstrong				.02	.14	T.	.12	.52	T	T.	.33	.01			.17	T.	.28	.12	.12	.05	.22	.02				.50	.70	.93	.02				5.51
Ridgway[2	Elk					.27	T.	.21	.73			.34	.30			T.	.01	.26	.20	.22	T	.12	.01				.66	1.16	1.37	T.				4.27
Saltsburg[2	Indiana				.12	.24	.03	.19	.54			.18	.47	T.		.42	T.	.56	.02	.20	.05	.12	T.			T.	.27	.47	.43	.03				5.86
Seward[2	W'moreland					.32		.07	.34			.22	.34	.06		.35		.81	.35	.12	.02	.16	.23				.62	.64	.16	.04				4.34
Sheffield[1, 5, 6 W.	Warren				.29	.11		.60			.11	.76					.31	1.10	.43	.07	.24	.16				.28	.47	3.40	.37			.48	4.85
Smethport[1, 5, 1 SW	McKean				.05	.06	.01	.67			.10	.43					.07	.46	.25	.02	.14	.05				.19	1.14	3.40	.44			.88	9.16
Strongstown[1, 5	Indiana				.35	.06	.12	1.02				.07	.23		.37		.72	.21	.07		.05	.26				.81	.94	.76	.07				8.36
Tionesta[2, 1.5 SE	Forest				.01	.33		.17	.54	T.	T.	.40	.42				.08	.34	.32	17	.02	.67	.01				1.12	.72	2.29	.01				6.11
Titusville, 2 S.	Crawford				.11	.17		.49		.03		.89	.02		.02		.09	.54	.15	.27	19	.58				.14	.33	3.60	1.70				7.62
Tionesta[2, 1.5 SE	Forest				.40	.04		.35			.24	1.11			.05		.37	.32	.11	.01	.60	.25				.48	.86	.60	.04			.88	9.32
Union City[1, 5	Erie				.23	.02	.10	.58		T.	.05	.35	.15		.33		.29	.23	.30			.42				.55	.18	1.23	.05				6.71
Vandergrift[1	W'moreland					.28	.01	.20	.18		T.	T.	.25				T.	.53	.07	.30	T.	.40	T.				.18	.85	1.00	T.				5.06
Warren[2	Warren				.22	.11		.41			.14	.76				.18	.11	.19	.24		.49	.11				.20	.44	2.87	.13			.76	4.25
Youngsville[1, 5	Warren																																7.36
MONONGAHELA																																	
Confluence[2, 1.5 NW	Somerset		.02	.07	.27	.13		T.	.28		T.	.09	.34	.11		.76		.37	.46	.16	T.	.07	.03				.10	.37	.14	T.				3.77
Connellsville[2	Fayette		T.		.14	.17		.08	.33			.11	.61	.16		.64		.64	T.	.47		.16	.16				.38	.65	.23	.01				4.97
Donora[1	Washington			T.	.48	T.	.04	.32			.04	.16	.23		.44		.67	.07	.22		.03	.28			.01	.47	.10	.38	.01				3.95
Greensboro[2	Greene		.04		.23	.17			.24			.06	.33	.17		.80		.92	1.45	.44		.20	T.			T.	.69	.24	1.25	.09				6.10
Greensburg, 2 S.	W'moreland				.40	.01	.06	.30	.01		T.	.19	.23		.49	T.	.05	.84	.48	T.	.06	.21	.04		T.	.69	.24	1.25	.09				5.64
Irwin	W'moreland				.36	.09	.06	.42	.08			.17	.45		.48		T.	.93	.30	.05	.03	.30			.06	.34	.16	1.72	.04				6.04
Meyersdale[2	Somerset	.03			.24	.15		.17				.05	.22	T.		.99		1.52	.44	.53	.01	.32	.07				.02	.56	.92	.08			6.32
Murrysville // 1, 5	W'moreland				.31		.04	.51			.05	.31	.19		.38		.67	.05	.48		.04	.19				.30	3.92	.47					6.92
Pittsburgh Arpt // 1, 5	Allegheny			T.	.22	T.	.05	.60	T.	T.	.09	.38	.18		.27		.40	.03	.12		.03	.23			.02	.29	.18	1.00	.01			T.	4.10
Rices Landing[2	Greene	T.	.11		.20	.21		.04	.23			.10	.18	.19		.49		.87	.05	.11	T.	.12	.02				.05	.30	.08	.43	T.			3.78
Somerset	Somerset				.39	.03	.04	.31	.04	T		.15	.69		.82		.04	.81	.07	.01	.03	.26				.02	.13	1.13	.02				4.99
Springs[6, 1 SW	Somerset	.08		T.	.62	.07		.22		.02	.03	.24	.02		.71	.01	.52	1.18	.20	.04	.20	.20				.06	.03	.82	.08				5.35
Uniontown	Fayette	.04			.30	.07	.01	.31	.04	T.		.05	.53		.78		.03	1.23	.16	.02	.02	.31			T.	.20	.27	.44	.06				4.87
Waynesburg	Greene				.62	.05		.25	.05				.54		.53		.04	1.01	.18			.24			.08	.26	.14	.39	.08				4.46
BEAVER																																	
Beaver Falls[2	Beaver				T.	.06	T.	.15	.43		T.	.22	.48	T		.05		.64	T.	.02		.59	T.			.06	.45	1.01	1.37	T.				5.53
Butler	Butler				.01	.13	T.	.38	.23			.48	.16		.06		T.	.26	.04	.01		.06				.08	*	2.24	.64					4.78
Farrell[2	Mercer					.53		.29	.37			.72	.39			.23	.03	.31	.08	.12		1.14				.01	*	2.00	1.55					7.77
Greenville	Mercer				.35	15		.45		.03		1.23			.09		.28	*	*	.54	.01	1.36	.01			.23	.54	1.84	1.27					8.38
Jamestown[2, 2 NW	Mercer				T.	.62	T.	.26	.12	.02	T.	.65	.57			.11	.11	.54	.12	.09	T.	1.51	T.				.59	.66	.95	T.				6.92
Mercer Arpt.[1, 2.5 NE.	Mercer				.11	.12	T.	.55		.01	.31	.74			.16		1.14	.37	.12		1.51	.29				.42	1.07	3.14	.05			.51	10.62
New Castle, 1.5 N.	Lawrence				.18	.12	.01	.51	T.			.86	.06		.21		.04	1.02	.05	.06	.01	.83			T.	.79	.91	3.35	.44	.01			9.46
Pennline, 2, 1 S.	Crawford					.71	.02	.29	.06	.01		.52	1.23			.09	.14	.93	.07	.06	T.	.75					1.00	1.00	.29	.02				7.19
OHIO																																	
Claysville[2	Washington				.32	.13		.07	.56			.20	.39			.25		.59	.02	.04		.34				.08	.39	.56	.81				4.75
Coraopolis[2, 1 E.	Allegheny				T.	.25	.31	.15	.39			.21	.24	.56		.11		.24			.06	.20				.05	.73	1.68	1.47	T.		.04	6.69
Midland[2	Beaver				T.	.15	T.	.21	.46		T.	.28	.61			.17	.03	.35	T.	.23		1.04					.79	1.66	2.16				8.14
Washington[1, 5	Washington			.05	.39		.04	.54			.04	.23	.16		.19		.56		.07		.03	.21			.03	.25	.12	.81				.03	3.75
LAKE DRAINAGE																																	
Albion[2	Erie					.50	.07	.20	.01	*		.68	.57			*	.43	1.08	*	.20		1.21	.02				1.20	.80	.31				7.28
Erie[1, 5	Erie				.48	.06	T.	.18		.03	.14	.69			.06		.55	.70	.07	.01	.96	.20			T.	.92	.13	.77	.01			1.72	7.68
Raymond[1, 5	Potter				.04	.05		.79	.02		.02	.30	.04		.01		*	.69	.04	.03	.10	.19				.57	.54	3.97	.16			.45	8.01

[See page 40 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Ford City[2, 4 S.	Evaporation																											.011	.046	.104	.202	.188	∫∫∫
	Wind movement																											17	17	54	26	34	∫∫∫
Hawley[2, 1 S.	Evaporation		.197	.247	.185	.042	.063	.162	.016	.092	.191	.189	.032	.032	.192	.120	.125	.014	.043	.032	.197	.334	.112	.319	.127	.283	.280	.088	.624	.018	.186	.214	[a]4.915
	Wind movement		42	80	38	77	65	161	39	91	192	85	60	120	80	63	42	34	35	46	91	43	74	77	50	108	133	29	66	49	52	83	[a]2205
Jamestown[2 ..2 NW	Evaporation	.070	.274	170	.236	.016	.118	.120	.040	.076	.065	.399	.026	.095	179	.034	.106	.108	.018	.060	.154	...	179	.124	.198	.071	.124	.036	.044	.118	.162	.197	[a]3.738
	Wind movement	37	39	54	114	133	81	44	35	20	80	58	33	45	32	56	37	39	34	87	26	44	39	18	23	51	30	40	114	24	28	13	1508
Neffs Mills[2, 3.5 NE.	Evaporation				.359	.024	.128	.071	.044	.182	.248	.168	.024	.064	.210	.046	.078	.040	.064	.060	.178	.000	.126	.231	.257	.158	.326	.076	.040	.032	.228	.240	[a]3.779
	Wind movement				67	35	52	70	72	52	118	27	23	33	24	17	7	3	29	5	58	15	84	32	29	17	19	7	7	48	32	35	[c]1017

Italics mean minus quantity.

[See page 40 for explanation of other references.]

Daily Temperatures for May 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	72	72	50	62	67	62	62	58	56	62	62	58	62	63	81	73	62	73	66	70	64	72	80	72	72	68	62	70	72	79	83	67.3
	Minimum	37	36	39	43	42	37	36	28	28	43	45	34	30	43	50	48	43	44	43	45	50	42	48	55	53	52	51	54	46	48	45	43.2
Allentown Arpt.[1]-4 NE	Maximum	77	75	64	48	68	73	58	59	70	72	72	66	72	70	73	66	77	58	76	79	74	75	82	78	86	83	69	62	74	85	86	71.8
	Minimum	43	44	42	42	42	48	42	37	34	38	53	50	44	44	52	57	54	53	51	51	55	50	45	45	57	61	61	49	47	46	57	48.2
Allentown/	Maximum	76	75	64	48	67	71	59	58	70	71	73	68	71	70	71	67	78	60	75	79	74	73	77	77	87	83	71	63	73	85	85	71.6
	Minimum	41	44	42	44	42	45	45	40	37	36	44	55	46	45	51	54	59	54	52	52	55	52	45	46	51	60	61	57	48	47	56	48.5
Altoona-4.5 W	Maximum	72	76	69	55	63	64	57	56	65	70	70	65	68	64	74	70	68	65	72	71	69	71	76	75	83	71	68	64	73	80	82	69.2
	Minimum	45	43	41	36	38	47	43	33	42	33	50	49	38	45	45	58	51	52	53	49	55	42	41	44	55	59	60	54	43	48	49	46.5
Arendtsville/	Maximum	72	75	61	45	71	71	66	63	71	75	73	73	72	61	71	67	82	68	77	75	75	74	77	78	87	80	79	62	74	84	86	72.4
	Minimum	49	47	47	40	39	43	47	41	36	35	53	56	45	41	50	53	58	45	51	50	55	42	43	44	55	61	63	61	46	47	52	48.2
Berwick	Maximum	76	75	70	60	66	69	66	58	67	70	68	68	69	70	69	71	72	64	74	75	75	73	81	80	88	85	75	65	72	84	85	72.3
	Minimum	37	42	40	45	43	42	43	41	33	34	57	47	41	45	53	54	59	56	55	51	60	47	43	49	57	64	62	54	42	43	54	48.3
Bethlehem[1]	Maximum	77	74	61	45	65	70	57	57	68	71	72	63	73	69	71	64	79	58	75	78	73	76	77	77	83	84	68	61	71	84	84	70.5
	Minimum	47	49	40	41	41	54	45	43	42	44	52	53	49	49	51	57	58	51	52	61	49	47	48	58	62	61	48	48	51	62	50.5	
Blairsville[1]-6 NE	Maximum	74	75	60	44	58	54	51	51	62	66	64	57	66	59	78	74	61	68	68	72	64	66	76	73	81	71	61	60	70	75	79	65.7
	Minimum	53	48	43	32	42	47	37	32	42	41	47	43	36	46	45	59	52	52	49	56	46	41	48	53	61	59	55	48	43	51	58	47.3
Bradford-4 W	Maximum	71	70	64	53	57	61	58	53	55	64	61	62	67	67	78	78	69	67	67	72	67	68	78	77	78	69	63	62	71	77	80	67.2
	Minimum	32	29	31	38	39	40	33	33	27	26	45	42	31	42	49	52	46	47	48	42	48	35	34	44	61	57	53	50	30	36	42	40.8
Brookville[1]-1.5 SW	Maximum	75	72	60	48	62	60	48	54	61	65	62	62	65	62	77	73	62	69	70	72	67	69	78	72	78	65	61	64	73	79	80	66.6
	Minimum	38	39	36	40	44	48	37	32	35	29	48	45	34	46	49	60	53	54	50	50	46	40	37	53	62	61	55	49	36	39	41	44.7
Burnt Cabins[1]-2 NE	Maximum	76	80	62	51	68	70	68	60	72	76	73	72	71	60	76	72	79	70	78	76	74	74	77	78	87	80	78	60	72	83	86	72.9
	Minimum	47	44	48	38	40	46	42	36	36	30	57	49	38	44	49	60	58	55	53	52	57	42	41	46	58	60	59	52	41	40	48	47.3
Butler	Maximum	77	79	75	65	60	65	62	52	60	65	63	62	65	69	75	80	72	66	80	82	75	64	79	82	82	79	60	61	69	82	83	70.6
	Minimum	41	42	42	41	40	43	46	31	46	30	55	30	30	50	51	63	55	50	49	49	50	32	39	51	51	52	55	54	40	42	50	45.2
Canton/-1 NW	Maximum	69	66	54	46	63	66	45	54	60	67	67	50	67	64	73	64	54	61	71	69	69	69	74	73	81	64	61	56	67	79	81	64.6
	Minimum	44	42	35	37	37	40	36	37	34	33	42	42	38	44	47	51	47	45	52	46	51	39	44	51	55	60	58	51	43	47	54	44.6
Carlisle	Maximum	75	73	70	58	70	72	65	62	70	73	76	73	69	62	63	68	82	74	76	75	74	71	72	77	86	77	75	65	73	83	85	72.4
	Minimum	53	53	43	42	43	49	46	43	46	41	58	61	48	45	53	54	62	56	55	54	57	48	44	48	57	64	59	58	45	48	59	51.4
Chambersburg[6]-1 SW	Maximum	73	76	63	52	70	72	69	61	70	75	74	76	71	63	75	67	82	66	77	76	75	74	78	76	85	81	79	65	75	84	86	73.1
	Minimum	50	54	46	40	41	48	48	39	38	34	55	56	42	46	50	58	58	54	52	51	59	44	43	46	56	61	63	52	43	43	52	49.1
Clarion[6]-3 SW	Maximum	77	73	62	58	63	64	50	61	62	66	64	65	68	64	81	76	74	72	73	73	68	72	81	76	80	70	66	69	75	81	84	69.9
	Minimum	37	37	33	39	41	43	42	29	38	28	50	43	31	45	48	57	54	53	51	50	52	36	38	49	53	60	54	53	37	39	44	44 0
Claysville/	Maximum	71	72	64	55	65	61	53	56	67	69	65	61	67	66	81	77	62	70	73	75	65	70	78	74	81	73	60	67	75	79	81	68.8
	Minimum	44	39	45	39	41	45	50	33	40	32	35	42	32	33	49	51	54	49	53	55	56	37	39	45	60	61	58	54	43	41	44	45.1
Coalport/	Maximum	77	77	63	44	63	62	45	56	64	68	67	60	71	63	79	72	66	69	73	73	69	73	80	75	83	71	64	60	74	81	82	68.5
	Minimum	31	33	33	34	38	43	35	33	34	27	28	48	35	36	36	48	59	50	50	46	52	42	35	36	45	57	59	56	40	39	42	41.3
Coatesville/	Maximum	75	75	62	48	65	73	70	60	71	73	79	78	71	69	66	74	82	73	74	75	75	74	75	78	86	82	71	62	71	82	85	72.6
	Minimum	43	49	45	45	42	40	45	42	32	37	56	54	49	40	51	55	59	57	52	53	47	52	53	47	54	57	63	56	45	41	50	48.7
Columbia	Maximum	77	76	73	62	73	74	73	65	73	77	78	84	73	67	70	74	85	67	79	80	79	74	80	80	90	85	80	74	74	87	88	76.5
	Minimum	50	58	41	42	43	44	50	43	40	46	57	60	49	45	54	60	62	59	55	55	58	50	45	53	54	62	65	54	44	46	54	51.5
Corry	Maximum	72	68	58	54	59	60	54	54	56	62	60	62	65	66	79	75	52	70	68	74	64	69	78	75	78	67	64	64	70	78	80	66.3
	Minimum	32	30	31	38	40	48	37	30	35	27	47	42	36	44	50	47	48	49	49	48	49	40	37	54	62	57	52	48	32	41	43	42.7
Coudersport	Maximum	74	69	65	52	58	65	58	62	59	68	65	60	69	69	80	79	63	66	69	70	68	70	79	80	67	64	59	70	81	80	68.3	
	Minimum	32	30	28	40	38	43	37	31	26	25	46	29	31	42	48	52	48	49	49	42	50	35	33	42	57	55	55	51	34	38	42	40.6
Curwensville[1]-6 NW	Maximum	72	68	57	45	60	58	45	52	60	63	62	58	64	58	75	68	60	64	69	67	67	68	74	70	77	65	60	57	68	77	78	64.1
	Minimum	49	43	37	34	37	45	34	29	35	31	46	44	34	43	46	56	47	46	46	52	42	37	45	48	60	59	54	46	41	45	50	44.0
Derry	Maximum	75	75	69	56	64	61	56	55	67	69	69	63	72	68	82	78	69	71	73	75	68	72	82	78	85	75	70	64	74	81	82	70.9
	Minimum	44	44	48	40	44	53	47	36	47	33	57	46	37	51	45	66	57	56	54	54	55	44	44	61	65	60	60	52	43	45	45	49.5
Donegal[1]	Maximum	74	72	63	46	61	61	62	51	62	67	68	55	67	57	78	74	64	68	68	71	66	66	77	71	82	73	62	60	69	77	80	66.8
	Minimum	44	38	43	35	40	46	38	35	40	28	50	41	32	46	39	58	54	47	50	53	46	35	38	47	52	56	57	49	36	36	45	43.7
Donora[1]	Maximum	74	76	69	52	67	63	57	58	69	70	69	63	72	64	85	81	64	74	77	76	70	72	84	77	86	77	62	69	78	83	86	71.7
	Minimum	52	47	52	42	47	55	43	39	48	37	55	47	39	57	50	57	60	56	56	62	53	43	45	61	65	62	58	58	48	47	56	51.5
Eagles Mere/	Maximum	71	66	55	43	63	65	42	63	63	68	60	49	61	61	72	62	60	60	72	65	63	69	73	73	79	67	60	54	65	78	80	63.9
	Minimum	40	45	31	31	35	37	37	35	35	33	33	41	39	39	45	48	53	47	50	50	54	40	40	49	49	58	58	51	41	41	49	43.0
East Waterford[6]-3 E	Maximum	69	70	60	49	62	62	60	52	63	68	66	61	65	55	67	63	70	59	72	67	67	68	73	71	81	72	68	62	68	78	80	66.1
	Minimum	51	50	42	34	35	51	41	34	43	43	54	52	44	44	45	55	57	53	51	57	54	44	53	52	61	60	58	48	44	54	62	49.2
Ebensburg/	Maximum	71	72	60	44	58	56	50	56	61	66	65	54	66	56	76	70	63	65	69	69	64	66	75	74	79	71	62	58	69	75	78	65.1
	Minimum	46	44	42	35	36	43	42	31	36	35	51	41	36	48	43	55	57	50	49	52	52	40	44	47	57	57	58	51	41	45	51	45.6
Emporium/-1 E	Maximum	79	75	62	49	64	66	47	58	64	70	66	65	73	66	82	71	60	68	73	73	71	74	82	78	83	66	62	65	71	84	84	69.4
	Minimum	31	33	28	38	40	42	35	35	30	27	32	44	32	36	50	52	54	50	52	45	48	38	37	41	47	61	58	55	38	39	40	41.5
Ephrata	Maximum	77	77	73	61	69	74	69	60	72	75	78	80	72	69	66	72	80	67	77	81	76	75	78	78	87	85	75	69	73	84	87	74.7
	Minimum	49	54	43	43	43	46	49	41	40	39	55	60	47	45	53	59	63	58	55	53	63	50	45	46	60	62	64	54	44	46	55	51.1
Erie[1]	Maximum	64	62	47	51	58	56	51	54	57	63	61	58	58	66	77	70	52	73	63	75	60	67	75	77	77	59	56	59	69	76	79	63.5
	Minimum	48	46	39	44	44	49	42	38	47	40	46	44	38	55	55	48	45	52	50	60	51	48	55	63	57	52	51	50	45	59	49	48.7
Everett[1]-0.5 SW	Maximum	73	74	64	56	67	68	70	57	70	75	72	65	70	59	80	74	75	72	75	74	73	72	78	78	87	84	73	62	73	80	86	72.1
	Minimum	49	49	46	39	42	49	44	39	41	30	53	45	40	40	48	59	55	55	50	49	52	44	39	42	53	59	56	50	45	53	42	47.0
Farrell	Maximum	78	78	72	66	66	66	65	59	65	69	69	68	71	71	84	84	80	70	76	78	74	75	84	84	81	73	68	66	75	84	88	73.8
	Minimum	46	47	40	43	43	58	44	38	46	35	47	47	38	58	56	65	52	55	54	63	54	45	47	61	68	63	55	53	45	49	55	50.6
Ford City/-4 S	Maximum	77	74	63	50	65	61	49	56	65	68	64	63	68	63	80	77	65	72	74	77	68	71	80	76	83	70	64	67	74	81	82	69.3
	Minimum	35	41	37	40	40	45	45	33	38	32	36	45	34	41	43	51	58	55	54	52	55	41	41	44	55	56	55	55	43	43	47	44.8
Franklin/	Maximum	76	72	63	49	64	65	50	57	60	65	63	65	66	64	79	75	58	71	72	74	66	70	78	73	76	74	62	69	75	80	82	68.2
	Minimum	34	38	35	37	43	43	45	32	34	32	33	45	37	38	52	53	54	48	53	43	53	40	41	43	59	61	58	52	40	38	39	43.6
Fredericksville-1 S	Maximum	72	74	70	57	65	71	64	56	63	70	73	72	68	67	67	67	77	67	72	77	72	72	74	75	83	81	74	64	70	82	81	70.9
	Minimum	48	43	40	40	41	39	42	40	32	33	48	60	42	39	50	53	61	54	52	47	60	49	40	38	52	57	63	50	42	40	50	46.6
Freeland	Maximum	69	69	61	54	60	62	60	59	62	63	62	64	67	67	73	72	71	71	70	70	65	68	73	73	72	83	67	60	67	78	79	67.5
	Minimum	48	46	36	37	36	43	38	36	38	36	48	45	41	45	48	52	50	54	48	53	54	43	48	48	48	57	58	47	39	49	60	46.1
George School[6]	Maximum	74	73	65	51	66	75	66	62	71	72	77	78	71	70	69	71	80	69	75	79	76	69	78	78	86	84	74	66	61	83	85	72.7
	Minimum	43	47	41	41	43	47	47	42	36	37	52	62	47	43	52	59	58	52	51	51	62	51	43	42	58	63	63	51	47	45	58	49.5
Gettysburg	Maximum	71	72	70	59	69	72	71	62	72	75	74	76	70	67	69	68	79	71	77	75	73	72	75	75	85	82	77	74	71	82	84	73.2
	Minimum	54	54	42	40	43	49	50	42	41	40	57	60	48	45	52	60	62	56	55	53	62	49	45	47	60	63	64	56	48	48	56	51.6
Gordon	Maximum	75	72	68	57	65	67	63	56	67	71	68	66	69	66	71	70	77	66	74	75	71	72	78	78	85	79	70	64	70	83	84	70.9
	Minimum	40	40	33	40	41	36	37	40	30	30	53	51	39	39	51	54	58	55	47	47	60	45	38	43	53	57	60	51	38	37	48	44.9
Greensburg-2 S	Maximum	72	74	72	57	64	62	57	55	66	69	69	63	69	63	80	76	77	73	73	75	67	70	81	78	83	74	69	64	74	80	81	70.5
	Minimum	44	42	46	41	46	43	48	41	42	46	58	56	31	51	42	58	58	49	53	52	61	44	55	46	61	64	54	59	39	52	55	49.3
Hanover/	Maximum	74	75	66	63	69	75	71	62	72	75	76	77	72	66	69	74	80	71	77	78	75	73	78	78	88	79	79	61	72	83	85	74.0
	Minimum	48	56	48	42	43	41	50	41	43	42	50	59	48	50	54	55	61	58	56	55	60	49	49	51	59	64	64	60	48	48	59	52.0
Harrisburg Arpt. [1]-3.5 S	Maximum	78	74	62	50	69	70	65	60	71	75	75	74	72	63	67	71	82	62	78	78	75	74	78	79	86	79	72	65	73	85	86	72.5
	Minimum	50	54	48	42	42	52	48	43	42	39	58	54	48	48	53	59	58	57	55	54	58	51	46	50	57	64	64	53	49	50	58	51.7
Hawley-0.5 E	Maximum	75	69	62	51	64	68	54	54	64	67	70	66	70	73	80	67	68	57	76	71	66	71	81	80	89	76	65	61	72	83	84	69.5
	Minimum	41	34	28	34	39	42	34	38	27	32	46	47	35	37	50	53	54	51	50	43	55	43	37	40	49	60	60	50	43	39	50	43.3
Hewitt-2 SW	Maximum	71	73	69	69	69	71	75	65	71	75	76	75	71	70	77	74	78	70	78	74	74	75	78	80	89	88	69	75	72	84	86	74.9
	Minimum	51	48	50	39	40	50	50	35	34	30	53	55	36	40	48	54	58	51	53	48	50	42	38	41	51	50	51	40	52	38	40	45.7
Holtwood[1]	Maximum	72	72	64	50	68	72	66	57	72	72	79	76	73	65	64	73	79	68	75	77	75	72	74	77	84	79	73	64	72	81	84	71.9
	Minimum	54	54	50	46	46	52	50	46	45	45	59	58	52	51	57	62	64	63	59	58	64	55	52	52	61	64	64	52	49	49	61	54.6
Huntingdon	Maximum	76	76	63	55	67	67	62	59	68	74	72	68	71	70	76	73	73	68	76	76	72	74	79	79	85	77	72	72	75	83	86	72.4
	Minimum	42	42	45	41	41	49	46	36	38	30	33	52	37	43	50	58	59	56	55	52	59	41	41	44	53	61	63	56	45	42	47	47.0

Continued on page 39.

Daily Temperatures for May 1946—Continued from page 38.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	75	74	70	62	62	63	60	54	64	67	66	63	69	68	81	74	76	72	71	75	72	79	81	80	84	73	66	63	74	80	82	71.0
	Minimum																																55
Irwin	Maximum	74	75	75	65	64	64	58	56	67	69	70	66	69	69	79	84	79	66	74	75	74	70	82	82	85	72	73	64	75	80	82	72.1
	Minimum	35	40	46	41	44	51	46	37	47	32	55	44	39	52	45	63	58	54	53	56	56	55	41	42	50	61	61	60	55	43	43	52	48.5
Jamestown/-2 NW	Maximum	74	69	64	50	64	68	54	59	62	65	63	66	63	63	79	77	58	73	73	75	65	70	79	75	79	70	58	67	72	81	82	68.4
	Minimum	38	39	36	42	40	42	44	31	40	30	38	45	34	40	51	54	47	47	53	52	51	38	42	54	61	59	54	48	37	43	43	44.4
Johnstown/	Maximum	77	79	64	44	65	62	61	58	67	76	70	62	72	62	84	79	69	72	75	76	70	73	81	81	88	76	67	64	75	82	86	71.5
	Minimum	41	49	52	41	41	52	53	41	46	35	50	52	45	47	49	57	53	53	56	54	57	43	42	48	58	60	63	55	47	44	49	49.6
Kane[1]-1 N	Maximum	75	68	52	46	58	61	46	55	57	62	60	64	68	62	79	71	61	68	72	72	65	70	78	74	76	67	59	62	71	77	80	65.6
	Minimum	30	29	25	39	44	33	32	30	29	23	15	38	25	30	48	51	49	49	43	42	40	36	31	44	54	56	51	54	33	37	40	38.9
Lancaster	Maximum	76	76	72	59	72	75	70	68	73	76	76	86	72	69	66	73	80	74	80	79	78	75	76	77	8	82	76	71	79	84	86	75.3
	Minimum	44	49	36	42	41	41	45	38	36	32	52	51	48	41	51	56	60	57	54	52	61	47	42	42	54	58	62	52	42	42	50	47.7
Lawrenceville	Maximum	73	68	58	53	64	69	58	55	61	68	63	62	68	66	78	74	67	65	71	71	72	73	80	78	85	69	66	66	68	82	86	[68.6
	Minimum	36	32	29	33	42	42	34	40	29	29	50	46	33	44	56	56	47	50	54	45	53	42	49	47	60	61	58	52	47	44	56	[44.4
Lebanon	Maximum	77	79	63	48	67	72	64	59	71	74	75	76	72	67	72	72	82	60	77	78	75	74	78	80	87	88	70	60	73	85	86	72.9
	Minimum	40	53	43	45	42	44	48	43	38	36	46	57	44	47	52	55	60	56	54	54	60	47	46	48	58	62	64	59	46	45	53	49.9
Lewistown/-2 SW	Maximum	78	79	65	49	68	71	55	60	70	75	69	65	73	65	75	70	75	64	78	74	74	74	79	79	85	78	74	61	78	86	86	71.9
	Minimum	37	42	46	47	41	43	49	40	40	35	36	56	43	45	50	51	60	55	54	51	53	45	44	45	54	60	64	61	46	45	49	47.8
Lock Haven[6]	Maximum	79	74	69	60	69	67	65	60	68	74	74	65	74	69	72	71	68	64	76	75	75	77	82	82	85	73	66	66	76	85	87	72.4
	Minimum	46	43	35	44	42	46	44	40	39	34	50	49	39	44	51	56	55	52	54	49	60	43	43	47	56	63	65	51	51	59	67	48.9
Marcus Hook[1]	Maximum	67	69	74	61	61	71	70	70	71	71	75	70	71	72	69	80	80	80	84	88	88	80	80	84	88	88	82	77	73	83	75	78.7
	Minimum	49	53	49	46	46	47	49	46	48	44	42	56	53	48	56	63	57	48	57	64	55	45	58	62	72	73	72	61	60	58	70	55.1
Martinsburg[1]	Maximum	72	73	59	48	62	63	56	54	64	68	68	59	67	60	76	71	70	68	71	74	67	70	77	73	83	75	70	59	72	77	80	67.9
	Minimum	45	47	46	38	40	50	40	35	44	36	51	48	42	46	46	58	53	53	54	55	54	43	44	51	58	60	57	48	45	45	50	47.7
Mauch Chunk-1 SW	Maximum	74	74	71	46	64	66	71	55	67	69	68	65	67	70	71	74	75	76	74	74	70	72	75	75	85	79	77	64	67	81	83	[70.9
	Minimum	60	61	37	39	38	44	40	40	30	40	51	48	40	38	49	53	58	54	52	44	61	46	37	48	49	60	61	55	40	40	56	[47.3
Meadville/-1 S	Maximum	72	67	61	48	62	64	50	57	60	63	60	65	65	63	78	74	58	71	70	73	63	70	78	73	76	69	57	66	70	79	81	66.5
	Minimum	37	36	36	42	40	42	41	27	38	29	38	42	32	38	52	54	48	49	51	52	51	36	39	49	62	59	54	49	36	43	47	43.5
Mercer[1]-2.5 NE	Maximum	73	69	61	50	61	62	50	55	60	62	62	63	61	76	71	61	70	69	73	64	70	76	73	75	68	60	67	69	77	80	80	66.2
	Minimum	44	44	37	39	41	49	37	30	39	31	43	43	32	52	50	61	50	51	49	57	43	41	44	55	59	60	50	48	42	45	51	45.7
Middletown[1]-1.5 W	Maximum	75	74	62	47	69	72	67	59	70	73	75	78	72	66	68	71	82	62	76	78	74	73	77	78	86	81	74	64	74	84	85	72.5
	Minimum	49	52	42	42	42	50	47	42	39	36	57	60	46	45	54	58	58	58	57	56	55	58	50	45	49	58	63	54	53	48	56	50.9
Midland[6]	Maximum	77	74	65	57	66	77	59	57	65	82	65	65	66	60	80	78	65	73	75	81	65	70	80	79	78	71	66	69	72	79	82	70.9
	Minimum	45	44	45	44	45	52	41	41	41	36	36	43	43	52	54	63	53	54	52	59	54	44	46	56	56	62	54	53	48	46	51	48.9
Montrose/-3 E	Maximum	68	61	55	47	62	68	44	50	56	63	62	49	63	67	69	64	54	60	68	66	66	67	74	74	83	69	63	54	67	77	80	63.4
	Minimum	42	40	30	34	36	40	36	37	34	34	39	41	40	44	49	50	52	49	50	48	53	44	47	48	53	59	58	51	41	43	50	44.2
Mt. Pocono[1]-2 N	Maximum	70	66	57	44	69	64	48	50	62	64	62	58	66	65	77	69	70	54	70	69	65	66	73	72	81	73	69	57	66	78	79	64.7
	Minimum	45	43	30	33	35	40	35	30	29	35	47	43	39	41	48	53	50	48	47	46	50	44	39	41	54	59	56	43	39	39	52	43.0
New Bloomfield	Maximum	74	76	70	59	68	71	62	58	70	73	72	67	70	67	73	70	78	64	78	75	74	75	78	77	86	79	75	74	73	84	87	72.8
	Minimum	43	42	37	39	39	40	44	38	34	30	52	54	37	40	48	53	56	47	50	47	59	42	40	43	54	65	61	52	39	41	49	45.6
Newburg[1]-3.5 NW	Maximum	77	74	62	54	69	71	62	60	70	77	76	75	72	60	78	68	80	63	82	76	74	74	78	76	86	84	78	63	73	84	86	72.8
	Minimum	53	54	45	40	39	43	46	36	38	37	54	46	43	43	50	58	56	53	52	52	56	48	42	46	56	66	58	50	42	46	52	48.7
New Castle-1.5 N	Maximum	76	77	69	65	51	66	64	57	64	66	66	64	66	62	80	81	76	73	72	76	67	73	80	79	76	72	69	69	71	84	84	70.9
	Minimum	41	41	35	42	43	43	46	33	46	31	53	45	34	50	51	60	51	53	53	57	54	40	41	56	59	61	54	54	42	45	51	47.2
Palmerton[1]	Maximum	75	72	61	47	65	68	58	56	67	70	67	65	70	67	71	63	76	57	74	75	73	74	75	75	85	78	66	61	72	84	83	69.2
	Minimum	45	41	39	41	41	40	40	36	31	35	52	49	41	41	51	57	55	52	52	49	54	48	41	44	55	63	61	48	41	41	51	46.3
Park Place[1]-1 NW	Maximum	70	68	56	42	61	64	54	51	62	66	64	62	66	63	70	62	70	55	69	71	67	67	73	71	81	75	62	58	66	78	79	65.3
	Minimum	49	43	34	34	34	47	38	36	38	36	48	44	42	47	48	53	52	49	49	53	50	43	50	56	55	60	56	44	40	5	59	46.4
Phila. Arpt.[1-7 SW	Maximum	74	75	61	49	68	75	68	69	71	73	79	79	74	69	67	79	83	65	77	83	76	78	77	81	88	83	72	65	65	86	85	73.5
	Minimum	50	52	46	45	46	51	50	46	41	45	55	60	53	46	53	62	62	55	54	55	63	55	50	47	62	67	64	52	50	48	61	53.1
Philadelphia C.O.[1]	Maximum	74	76	62	48	67	74	67	60	70	72	77	79	74	69	68	79	81	62	76	81	74	75	78	78	86	82	70	65	60	84	84	72.6
	Minimum	52	56	47	44	47	53	50	47	46	53	58	60	55	52	55	61	62	55	55	61	66	58	58	56	61	68	65	53	50	50	63	55.4
Phila. Shawmont	Maximum	76	75	65	61	69	74	68	61	72	72	77	78	76	70	69	77	82	81	76	83	76	75	80	79	86	83	75	68	63	83	86	74.7
	Minimum	46	52	45	45	45	46	48	45	37	38	55	62	47	60	54	59	63	56	54	54	64	53	45	44	60	64	66	55	50	44	55	52.0
Philipsburg[1-7 E	Maximum	73	71	57	46	58	61	47	53	62	63	67	58	66	58	72	65	61	62	69	69	67	70	74	72	79	68	62	57	70	78	79	65.0
	Minimum	36	35	38	36	37	48	37	31	36	30	49	43	36	43	45	56	49	49	43	43	47	40	31	49	60	58	57	44	39	42	41	42.9
Phoenixville-1.5 SE	Maximum	83	83	84	65	71	76	70	65	71	75	78	80	72	70	69	84	88	79	81	85	84	81	81	85	87	84	76	66	68	86	88	77.9
	Minimum	42	48	36	42	49	40	43	42	49	32	55	63	46	42	54	58	63	56	54	51	66	49	42	42	59	61	65	55	49	42	53	49.9
Pittsburgh Arpt.[1-7.5 SE	Maximum	75	74	65	52	65	59	54	56	67	70	68	62	66	61	82	78	63	71	74	76	65	71	82	76	83	72	63	66	74	80	83	69.5
	Minimum	52	50	46	39	43	53	41	39	46	43	49	43	41	51	50	59	56	54	53	59	48	46	50	59	62	61	55	54	49	51	58	50.3
Pittsburgh City Office[1]	Maximum	74	76	66	53	66	61	56	58	67	69	67	64	68	63	82	80	63	75	75	76	67	73	81	76	82	72	64	69	75	83	84	70.4
	Minimum	52	52	48	42	47	55	45	42	50	42	49	45	44	54	53	63	56	57	56	63	52	48	50	62	66	64	57	57	51	52	57	52.6
Port Clinton/	Maximum	72	74	61	46	66	62	58	57	62	72	70	71	69	66	69	67	79	63	71	77	71	74	74	76	81	80	67	59	72	82	80	69.5
	Minimum	40	42	35	42	41	41	42	41	32	32	53	54	42	41	52	54	58	55	53	60	57	49	40	43	46	55	63	57	42	41	50	46.9
Putneyville-2.5 SE	Maximum	74	82	67	56	61	60	56	55	76	66	78	62	67	60	74	88	83	69	80	72	69	80	78	87	89	67	63	62	81	84	89	72.1
	Minimum	39	39	36	37	40	49	41	32	40	28	42	56	33	48	48	58	55	52	52	50	52	37	39	49	59	59	55	53	36	40	47	45.2
Quakertown-0.5 E	Maximum	74	73	69	60	64	72	66	65	69	69	73	74	68	69	72	71	79	66	72	76	74	70	75	75	85	82	76	64	68	82	83	72.1
	Minimum	40	41	40	39	41	43	42	41	29	32	51	56	45	44	50	61	57	51	51	47	61	49	41	40	56	58	59	51	45	44	52	47.0
Reading[1]	Maximum	76	77	64	48	68	71	65	58	71	73	76	74	71	72	68	72	80	60	76	80	75	73	77	78	86	83	70	63	74	84	86	72.5
	Minimum	50	52	46	43	43	54	47	45	44	44	56	55	50	49	53	61	60	55	54	55	59	52	48	49	64	64	63	51	46	51	63	52.5
Ridgway/	Maximum	78	74	61	47	62	63	47	57	62	69	62	65	71	63	82	74	57	70	70	74	69	73	81	78	80	64	60	62	74	84	86	68.4
	Minimum	30	32	26	43	39	38	37	28	34	25	32	43	28	40	42	41	50	49	50	45	51	36	36	41	57	58	57	53	35	36	41	40.4
Scranton[1]	Maximum	73	68	59	50	64	65	48	54	64	68	69	68	72	68	76	68	66	65	74	75	70	70	81	80	87	75	66	60	71	83	84	68.9
	Minimum	47	44	39	42	42	47	39	39	38	41	55	46	43	45	53	56	57	55	55	52	59	50	43	48	58	64	60	50	44	45	57	48.6
Selinsgrove	Maximum	74	74	69	54	67	68	69	60	68	72	68	69	68	68	66	67	72	63	76	76	74	72	75	75	83	80	75	65	72	84	83	71.2
	Minimum	43	42	37	38	40	40	42	37	37	31	52	48	38	42	48	54	54	53	51	47	58	43	41	44	56	54	62	52	41	41	51	45.7
Somerset	Maximum	70	74	62	54	61	62	66	51	62	67	66	63	69	64	82	74	74	66	72	71	65	69	75	74	82	74	68	62	74	77	79	68.7
	Minimum	42	37	46	36	38	48	45	35	38	27	52	49	32	46	44	57	58	48	51	48	52	35	36	45	55	56	59	49	43	37	42	44.7
Springs[6-1 SW	Maximum	68	64	56	42	61	63	66	50	61	66	66	78	64	55	75	73	68	64	70	68	63	67	72	73	81	70	62	56	65	74	76	65.7
	Minimum	46	38	42	33	34	48	40	33	40	29	45	55	31	44	40	57	55	47	50	47	50	36	38	43	54	55	54	47	36	38	41	43.4
State College[1]	Maximum	76	74	60	50	63	65	54	56	64	70	70	58	69	62	75	70	65	64	74	73	69	73	78	78	82	72	67	60	72	82	83	68.6
	Minimum	48	48	40	41	40	54	42	36	45	42	56	46	43	48	48	60	52	52	51	51	56	44	46	62	61	62	60	50	45	55	61	49.8
Stroudsburg-2 E	Maximum	77	78	74	65	68	72	67	56	67	70	72	67	74	76	78	77	80	72	79	77	76	77	80	80	88	86	70	65	74	85	87	74.6
	Minimum	42	40	34	29	38	45	38	39	28	32	50	53	40	39	53	57	59	54	52	46	61	44	37	41	51	61	61	55	45	40	51	45.6
Tamarack/-2 S	Maximum	74	70	55	41	60	61	42	55	61	67	61	54	67	62	74	62	56	59	71	61	68	71	75	76	79	61	58	59	55	51	39	64.2
	Minimum	42	43	33	35	35	38	40	34	33	33	38	36	42	37	38	43	48	55	46	48	48	53	40	40	50	54	59	55	51	39	39	43.1
Tionesta/-1.5 SE	Maximum	75	65	62	54	68	62	49	55	59	63	62	62	66	63	80	69	60	69	67	69	65	65	78	74	76	64	59	57	65	78	81	66.1
	Minimum	32	36	30	41	38	43	42	31	36	30	32	40	33	44	49	51	53	51	51	50	51	38	40	41	54	60	58	52	39	41	47	43.0
Titusville-2 S	Maximum	72	71	67	58	58	61	58	55	58	61	61	61	64	62	77	77	71	69	69	74	69	69	74	74	74	69	67	64	68	76	80	67.1
	Minimum	37	38	33	39	39	48	41	30	41	28	42	42	34	49	49	60	50	50	49	52	50	38	38	56	62	59	52	48	33	42	49	44.5
Towanda-1 E	Maximum	73	68	59	52	67	72	55	57	63	69	69	61	66	72	72	67	66	69	73	70	70	71	80	79	86	76	64	60	70	83	85	69.2
	Minimum	42	35	32	35	41	47	33	40	27	31	50	43	35	40	51	49	49	51	56	45	56	46	38	42	60	61	60	53	45	42	49	44.6
Tunkhannock	Maximum	74	70	66	56	68	68	66	55	64	69	70	67	67	71	72	72	67	66	73	72	70	70	79	79	87	83	66	65	71	81	84	70.6
	Minimum	42	36	30	37	42	47	33	40	28	30	44	45	39	39	52	56	52	53	55	48	53	45	39	39	60	61	61	53	43	41	52	[45.0

Continued on page 40.

Daily Temperatures for May 1946—Continued from page 39.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum..	73	72	71	59	68	66	66	57	70	74	70	67	70	68	83	80	77	73	76	74	70	72	83	80	85	74	72	63	73	81	83	72.6
	Minimum..	54	48	48	39	39	53	49	37	46	37	57	46	36	52	47	64	60	52	55	58	57	41	45	58	61	62	61	55	43	44	52	50.2
Vandergrift[1]	Maximum..	79	78	67	59	65	62	56	58	64	70	67	64	72	65	83	78	74	76	75	79	68	74	84	78	85	71	65	67	77	84	85	71.9
	Minimum.	43	44	43	41	47	43	43	38	46	33	53	47	37	52	46	61	59	56	55	56	54	41	43	54	62	61	48	55	44	45	49	48.4
Warren	Maximum..	76	71	61	58	62	64	58	57	59	67	63	66	70	65	83	73	73	72	72	77	74	73	82	73	83	71	67	69	74	82	85	70.3
	Minimum..	37	35	32	41	42	46	40	31	34	30	48	44	35	48	50	60	50	50	50	50	51	40	40	54	62	60	53	50	39	42	47	44.9
Waynesburg	Maximum..	72	71	68	58	63	63	61	55	67	70	70	70	69	72	80	79	75	69	74	72	69	70	80	78	82	75	70	65	74	80	83	71.1
	Minimum..	53	46	47	40	43	48	47	33	45	35	56	44	35	53	47	63	57	51	53	57	56	48	40	58	62	61	58	54	44	42	50	49.2
Wellsboro/	Maximum..	72	67	56	47	62	68	46	56	61	69	67	51	68	65	77	68	54	64	71	71	70	72	78	79	84	67	61	57	70	80	84	66.5
	Minimum..	29	30	25	39	37	42	31	37	28	27	31	44	31	35	45	51	48	47	52	42	44	41	36	39	44	60	58	53	38	41	45	40.0
West Chester	Maximum..	74	74	70	57	66	72	69	62	70	72	75	79	71	68	65	75	82	75	75	81	72	71	77	78	85	82	73	66	66	82	85	73.2
	Minimum..	47	54	44	42	43	47	46	42	38	41	53	62	50	46	53	58	63	56	56	55	65	51	48	47	59	63	63	53	47	45	57	51.4
Wilkes-Barre[1] Apt. -3N.	Maximum..	76	71	60	51	66	67	49	57	66	70	68	64	70	72	76	70	68	66	76	75	73	70	79	78	86	77	66	60	69	81	82	§69.6
	Minimum..	46	41	39	45	44	47	39	35	31	35	53	45	41	43	53	54	55	56	54	49	52	48	43	49	55	64	60	60	41	44	55	§47.3
Williamsport Arpt.[1]-4 E	Maximum..	76	76	62	50	66	69	48	59	67	73	68	59	70	66	69	66	63	64	77	72	74	74	78	78	84	75	65	61	73	85	87	§69.5
	Minimum..	44	40	37	40	41	42	41	42	33	30	50	45	44	50	51	61	54	52	51	49	54	46	42	52	57	64	61	49	50	45	51	§47.4
Williamstown	Maximum..	75	73	72	62	65	69	65	55	67	70	70	71	70	68	71	68	78	69	73	75	74	72	77	78	85	83	69	65	72	81	83	§71.9
	Minimum..	44	43	42	41	41	42	45	42	33	39	53	48	42	40	52	52	59	55	50	43	60	49	40	43	54	60	62	54	42	40	50	§47.1
Woodward Apt[1]-2 NE..	Maximum..	71	69	56	43	61	61	47	54	62	69	63	56	66	60	69	62	63	58	69	65	67	68	73	74	80	70	61	57	67	80	80	64.5
	Minimum..	50	45	36	34	34	47	38	34	40	39	50	46	41	44	47	54	49	48	49	54	47	41	51	51	59	60	57	44	43	50	58	46.5
York-3 SW	Maximum..	75	76	75	63	71	72	72	65	71	77	80	82	74	75	73	76	83	75	78	80	77	77	78	80	88	92	80	80	75	85	88	77.2
	Minimum..	50	55	45	42	43	45	47	38	37	39	58	57	43	43	53	52	61	59	51	55	63	44	44	45	59	63	65	56	49	44	53	50.3

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.36	1	29.52	18	8.8	34	se.	4	78	68	71	51	288
Harrisburg	30.34	14	29.61	27	7.5	24	se.	4	78	55	64	62	125
Philadelphia	30.37	14	29.61	27	7.9	25	sw.	21	78	52	64	58	101
Philipsburg	30.30	13	29.64	18	.....	30[a]	se.	4	81	59	67	.....	350
Pittsburgh	30.27	22	29.57	18	9.9	29	nw.	9	77	60	65	50	183
Reading	30.38	14	29.62	27	10.7	33	e.	27	72	.....	.....	61	123
Scranton	30.35	14	29.63	21	6.5	25	nw.	9	73	55†	....	40	212

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.4	9.8	29	2.4	5†	18
Easton	Delaware	5.3	17.4	29	1.8	7	22
Lehighton	Lehigh	4.5	9.0	28	3.0	7	9
Reading	Schuylkill	5.4	12.9	28	3.4	11	13
Wilkes-Barre	N. Br. Susquehanna	8.2	32.0	29	3.0	7	22
Williamsport	W. Br. Susquehanna	4.2[b]	29.6	28	1.2	4	20
Newport	Juniata	6.0	15.6	28	3.6	4	22
Harrisburg	Susquehanna	6.3	21.8	29	3.6	7	17
Schenley (nr) Lock No. 5.	Allegheny	15.2	29.5	28	12.3	7	24
Sutersville	Youghiogheny	5.1	9.0	18	3.6	2	20
Charleroi (nr.), Lock No. 4	Monongahela	14.2	19.4	18	12.1	13	30
Pittsburgh	Ohio	*	22.7	29	*	.....	25
Midland, Dam No. 7	Ohio	*	32.6	29	*	.....	30

* Pool stage.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras									1													1			1						1
Fog, heavy	5	4		3	9		7				4	7	5	7	12	11	16	11	4	3	6		3			8	7	5	6		
Frost, killing	1	2	4					5	2	10			3																		
Glaze																															
Hail												1													1						
Rain, heavy																									1						
Sleet				12																						11	6				1
Snow, heavy																															
Thunderstorms						1				1	1	3	2	0			27	22	29	2	13	4	1			38	15	8	8			8
Winds, high			4	15	8	13			3	16		6							3		6				6						

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

(W. B. O., Philadelphia—7-22-46—975)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LI. JUNE 1946. No. 6.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

Eight deaths and property damage estimated at over a million dollars were attributed to weather causes during the wettest June since 1928, and the fourth wettest of record. Fed by locally heavy rain, rivers rose swiftly on several occasions and flood damage was serious in the Philadelphia area, northern Cambria County, and southwestern counties. Fortunately, the affected areas were relatively small and the floods were of short duration. Thunderstorms were frequent, and wind and lightning contributed to the loss of life and property.

Rain was general on the 1st and 2d and it appeared that not only May's rain, but also its floods, might be repeated. Greatest amounts fell over the southeastern counties, the greatest 24-hour rainfall of the month, 5.09 inches, being measured at Graterford. The Schuylkill and its tributaries overflowed and two people were drowned near Philadelphia, while property damage amounted to over $500,000. Much of this was due to the necessity of dredging the large deposits of silt and culm from the river channel. The Baltimore and Ohio Railroad station in Philadelphia was flooded, and traffic had to be re-routed temporarily.

Rivers also rose in the western part of the State, as a result of this storm, but flooding was generally restricted to low-lying areas. However, southwestern counties were hit harder. A child drowned in a swollen stream at Amity, and Uniontown had its first flood since 1936.

On the 13th, the upper reaches of the Susquehanna's West Branch overflowed, flooding communities in northern Cambria County. At Hastings a man was swept from a bridge and drowned. Property damage was heavy in Barnesboro, where stages were higher than in 1936, and other towns in the area. Local industries reported damage due to spoilage of stock and material by the floods. Mines were closed down for several days, as men could not get to work. Highways were damaged and a half mile of railroad track was washed out.

In Clearfield County continuous rains loosened earth and rocks, resulting in a rock slide on the 22d, which covered the railroad tracks near Viaduct. A freight train plunged into the slide, and one of the crew died as a result of injuries received. On the 29th a second flood struck the northern Cambria County communities which were still cleaning up the effects of the earlier flood.

Wind and lightning, accompanying thunderstorms, were severe and caused damage in all parts of the State. Near Greensburg a child was struck by lightning and killed during a storm on the 11th. Near Meadville, on the 26th, two people were electrocuted when they came in contact with a wire fence charged with electricity by a fallen power line. Power failures were frequent throughout the month, as a result of wind and lightning. On the 11th, thunderstorms seriously disrupted transportation in Altoona, while traffic on the Pennsylvania Railroad between Baltimore and Harrisburg was delayed when a signal block was knocked out. Slippery Rock experienced considerable wind damage on the 20th.

OBITUARY

John H. Friday, observer at Tyrone, 4 NE, died on April 24, 1946. His service as observer extended from the establishment of the station on August 19, 1937, until his death.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 86 stations was 65.8°, which is 2.4° below the 59-year normal for June. The highest monthly mean was 76.8° at Marcus Hook, and the lowest was 59.6° at Kane. Extremes ranged from a maximum of 100° at Marcus Hook on the 18th, to a minimum of 28° at Philipsburg on the 6th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 216 stations, was 6.05 inches, which is 1.89 inches above the 59-year normal for June. The greatest monthly amount was 11.22 inches at Carrolltown, while the least was 2.74 inches at Blakeslee Corners. The greatest amount recorded in any 24 consecutive hours was 5.09 inches at Graterford on the 1-2d.

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	68.4	100	30	3.04	.....	9	12	11	7
1889	66.7	95	33	5.43	.....	15	5	12	13
1890	70.1	97	33	3.42	.....	9	12	11	7
1891	68.2	100	30	4.50	.....	11	14	8	8
1892	71.8	99	40	5.64	.....	13	9	11	10
1893	69.8	100	38	3.12	.....	9	10	11	9
1894	69.6	102	30	2.57	.....	10	13	12	5
1895	71.4	104	32	3.50	.....	9	13	10	7
1896	67.4	98	32	4.64	.....	11	10	11	9
1897	64.8	96	28	3.38	.....	11	11	11	8
1898	69.6	100	33	2.79	.....	9	14	11	5
1899	69.9	101	32	3.51	.....	9	13	11	6
1900	69.9	97	35	3.60	.....	10	11	12	7
1901	69.1	103	32	3.47	.....	10	12	11	7
1902	66.0	97	32	5.97	.....	13	11	12	7
1903	63.5	90	34	6.53	.....	15	7	10	13
1904	67.9	96	32	4.06	.....	13	12	10	8
1905	68.0	99	30	4.39	.....	13	11	10	9
1906	69.3	97	28	5.43	.....	13	11	12	7
1907	63.6	98	30	4.99	T.	12	11	9	10
1908	68.8	102	28	2.36	.....	7	19	9	2
1909	68.8	96	34	4.48	.....	13	12	9	9
1910	65.4	95	32	4.31	.....	11	12	8	10
1911	68.3	99	38	4.71	.....	12	12	10	8
1912	65.6	96	29	3.36	.....	8	13	9	8
1913	68.2	99	20	2.26	.....	7	19	7	4
1914	68.6	101	25	3.71	.....	9	16	8	6
1915	65.6	92	31	4.00	.....	11	14	10	6
1916	63.7	89	28	6.14	.....	15	11	10	9
1917	66.8	92	32	5.38	.....	14	12	11	7
1918	66.0	98	29	3.46	T.	10	13	11	6
1919	71.2	102	32	3.90	.....	10	16	9	5
1920	67.0	99	32	4.97	.....	13	12	11	7
1921	70.6	101	26	3.12	.....	8	17	9	4
1922	69.5	96	30	5.11	.....	13	11	11	8
1923	70.9	103	32	2.73	.....	9	16	9	5
1924	65.8	98	26	5.57	.....	15	11	11	8
1925	71.9	104	29	3.04	.....	9	16	11	3
1926	64.1	94	23	3.63	.....	12	13	10	7
1927	63.8	99	25	3.72	.....	9	15	8	7
1928	65.5	93	30	7.96	.....	17	9	9	12
1929	67.8	98	28	3.56	.....	10	15	10	5
1930	69.1	100	22	4.20	.....	9	17	8	5
1931	68.5	102	28	3.71	.....	9	16	8	6
1932	68.5	98	26	3.15	.....	11	13	9	8
1933	70.9	107	28	2.58	.....	9	18	8	4
1934	72.9	104	35	3.64	.....	9	17	9	4
1935	67.4	96	33	4.22	.....	12	13	9	8
1936	68.5	100	33	3.80	.....	10	14	9	7
1937	69.5	99	38	4.37	.....	12	13	9	8
1938	67.1	99	32	5.14	.....	11	12	10	8
1939	69.9	101	35	4.46	.....	13	12	9	9
1940	67.8	95	31	4.11	.....	13	10	11	9
1941	68.6	99	31	4.95	.....	12	14	7	9
1942	69.0	96	34	3.82	.....	13	10	10	10
1943	73.0	101	35	3.33	.....	10	13	11	6
1944	69.3	100	29	4.53	.....	12	10	11	9
1945	66.7	103	27	4.07	T.	14	9	11	10
1946	65.8	100	28	6.05	.....	13	9	10	11
Period	68.2	107	20	4.16	T.	11	13	10	7

Climatological Data for June 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	67.4	−2.4	95	25	44	6	6.59	+2.59	2.47	1-2	0	12	6	10	14	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	64.9	−1.9	86	11†	36	10	9.51	+5.41	2.39	11 12	0	14	12	12	6	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	66.2	.....	91	11	36	6	6.05	.....	2.80	1-2	0	11	15	2	13	s.	Penna. Turnpike Comm.
Canton-1 NW	Bradford	1,450	6	63.0	.....	87	24†	39	3	4.73	.....	0.94	11-12	0	14	7	19	4	sw.	Mrs. E. Dillon Stone.
Carlisle	Cumberland	473	77	68.2	−2.9	92	11	42	10	6.87	+2.92	2.63	1-2	0	10	15	5	10	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	67.3	−3.0	93	11	41	5†	6.04	+2.09	2.45	1-2	0	12	13	9	8	sw.	Charles A. Bender.
Coatesville	Chester	431	58	67.3	−3.1	90	25	45	2†	8.53	+4.32	3.91	1-2	0	13	15	2	13	sw.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	3	60.8	.....	84	25†	35	5	6.71	.....	1.22	18	0	18	5	7	18	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	60.6	.....	86	25	40	4†	5.06	+0.54	1.05	27	0	12	11	11	8	sw.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	64.2	.....	85	26	44	10	5.99	+2.04	2.50	1-2	0	12	4	13	13	w.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	59	63.2	−2.8	91	26	35	6	6.36	+1.98	1.73	11	0	18	7	2	21	se.	R. E. Palmateer.
Ephrata	Lancaster	365	48	69.9	0.0	94	25	46	6†	7.98	+3.61	3.46	1-2	0	12	11	9	10	s.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	65.8	−1.7	.....	.....	37	6	6.91	+2.24	2.21	1-2	0	15	.....	.....	.....	w.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	65.2	+0.1	87	25	40	10	5.71	+0.86	1.95	11-12	0	13	13	0	17	s.	Andrew B. Evansha.
George School	Bucks	184	39	67.9	−1.8	90	25†	44	6	6.22	+2.45	3.55	1-2	0	11	12	11	7	sw.	George M. Hart.
Gettysburg	Adams	500	72	68.6	−1.8	89	8	47	10	4.82	+1.04	2.48	1-2	0	11	14	8	8	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	64.9	−1.4	91	25	36	5†	4.31	−0.11	1.56	1-2	0	12	13	8	9	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	68.8	−2.8	91	8†	47	6	4.63	+0.68	2.83	1-2	0	12	15	4	11	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	68.8	−1.5	94	25	47	3	5.61	+2.02	2.81	1-2	0	14	5	8	17	sw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	63.9	−2.3	93	26	35	6	3.35	+0.55	0.88	2	0	14	12	11	7	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	68.8	−4.0	90	8†	50	5†	5.53	+2.18	3.45	1-2	0	15	10	8	12	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	58	66.6	−2.1	92	26	38	6†	8.26	+4.17	2.16	1-2	0	13	8	10	12	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	58	67.2	−3.1	91	8	41	6	7.53	+3.53	3.17	1-2	0	15	17	6	7	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	65.2	−1.1	93	26	36	10	5.47	+1.67	1.10	31-1	0	17	10	17	3	..	Carlos F. Darling.
Lebanon	Lebanon	469	61	68.4	−1.6	93	27	45	6†	6.49	+2.31	1.55	1-2	0	11	15	7	8	sw.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	7	66.4	.....	93	26	42	6	7.41	.....	1.96	11-12	0	15	13	9	8	w.	American Viscose Co.
Lock Haven	Clinton	557	54	67.6	−2.1	93	25†	40	10	5.37	+1.26	1.68	12-13	0	17	10	11	9	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	76.8	+1.3	100	18	48	20	6.59	+2.76	2.62	1-2	0	11	16	8	6	sw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	64.1	.....	87	26	39	6	6.69	.....	1.97	1-2	0	17	4	11	15	w.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	40	62.4	−1.4	86	25†	40	5†	5.98	+2.00	0.94	11-12†	0	16	9	11	10	sw.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	61.2	−0.5	85	25	36	3	3.02	−2.14	1.59	1-2	0	11	3	19	8	w.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	65.2	−3.6	89	8†	39	6	4.47	+0.15	1.49	1-2	0	10	18	8	4	sw.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	75	69.8	−1.6	91	25	50	2	8.61	+5.37	4.28	1-2	0	13	8	7	15	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	59.8	.....	85	26	28	6	7.47	.....	1.42	1-2	0	18	3	6	21	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	70.2	−1.5	96	8	42	10	6.40	+2.51	3.67	1-2	0	10	15	7	8	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	65.2	−4.0	92	26	40	10	5.21	+0.75	2.28	1-2	0	9	18	1	11	.....	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	66.8	−1.7	90	25	40	6	7.27	+3.33	4.51	1-2	0	13	10	10	10	nw.	John E. Benner.
Reading	Berks	273	75	69 0	−1.3	93	25	49	2	7.72	+4.17	4.16	1-2	0	11	6	11	13	sw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	65.6	−2.2	92	25	42	6	3.80	+0.13	1.43	1-2	0	14	8	17	5	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	66.2	−2.9	89	11†	39	10	4.95	+1.03	1.62	1-2	0	15	7	12	11	sw.	Dr. George E. Fisher.
State College	Centre	1,217	60	65.3	−1.7	90	26	41	3†	6.07	+1.98	1.31	2	0	13	4	12	14	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	68.4	+1.0	96	25	37	6	4.85	+0.08	1.95	1-2	0	10	9	6	15	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	5	61.1	.....	86	27	38	5	4.90	.....	1.53	12 13	0	14	4	14	12	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	65.0	−1.0	92	25†	36	6†	4.42	+0.71	1.54	17-18	0	14	6	15	9	nw.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	62.0	−2.6	90	26	33	6†	3.26	−0.53	0.96	1-2	0	15	6	15	9	w.	M. S. Bliss.
West Chester	Chester	440	96	68.3	−1.4	90	25	46	5†	7.86	+3.61	3.24	1-2	0	12	11	11	8	sw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	7	66.4§	.....	95	25†	40	6	3.54§	.....	1.50	1-2	0	14	5	9	16	s.	U.S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	1	65.9	.....	91	25†	40	6	4.71	.....	1.10	1-2	0	14	4	9	17	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	29	66.8	−1.5	91	25	38	6	7.41	+2.87	2.05	28	0	11	3	18	9	....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	62.1	.....	86	26	40	5†	4.99	.....	1.76	1-2	0	14	6	4	20	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	70.2	−0.3	94	25†	44	5†	6.85	+3.10	4.66	1-2	0	12	9	12	9	s.	York Water Co.
Division mean				**66.1**	.....	**100**	**18**	**28**	**6**	**5.98**	.....	**5.09**	**1-2**	**0**	**13**	**10**	**9**	**11**	sw.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	64.2	.....	87	30	41	10	8.76	+3.09	3.13	11 12	0	17	5	4	21	s.	U. S. Weather Bureau.
Bradford-4 W	Mc Kean	1,680	28	61.6	−3.7	87	30	31	4†	6.79	+2.13	1.59	31-1	0	14	4	19	7	w.	City Water Dept.
Brookville Apt.-1.5SW.	Jefferson	1,400	55	63.1	−0.9	88	26†	33	6	7.25	+3.01	1.21	11-12	0	16	6	4	20	w.	Civil Aeronautics Authority
Butler	Butler	1,077	32	66.4	−2.2	92	27†	32	10	4.52	+0.09	1.15	12 13	0	12	8	17	5	nw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	64.8	.....	91	26	34	10	5.08	+0.47	1.05	11-12	0	16	5	6	19	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	66.5	−2.7	88	29	38	4†	6.04	+1.61	1.55	18-19	0	10	15	7	8	nw.	Walter B. Paget.
Corry	Erie	1,410	31	63.3	−2.1	90	30	34	5	6.34	+1.55	1 43	18	0	13	12	12	6	sw.	J. Fred Kinley.
Coudersport	Potter	1,653	21	61.1	−3.2	89	26	31	10	8.24	+3.64	2.14	31-1	0	15	10	10	10	s.	Potter Enterprise.
Derry	Westmoreland	1,150	48	68.4	−0.6	91	25	38	10	5.88	+1.08	1.87	1-2	0	9	13	11	6	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	63.0	.....	86	25	33	4†	9.13	.....	2.23	27	0	17	6	22	2	s.	Penna. Turnpike Comm.
Donora	Washington	761	19	71.0	−1.0	92	26	43	5	4.56	+0.78	1.65	1	0	11	12	11	7	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	62.8	−2.1	85	26	37	10	10.23	+5.64	2.29	11-12	0	17	6	4	20	sw.	John L. McGough.
Farrell	Mercer	855	32	71.2	+1.6	96	26	43	4	4.85	+1.39	1.19	18	0	12	14	12	4	sw.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	2	65.8	.....	89	26†	39	4†	6.87	.....	1.77	11 12	0	15	13	8	9	w.	U.S. Engineers.
Franklin	Venango	987	71	65.2	−1.1	91	30	39	4	4.06	−0 24	0.84	31-1	0	15	17	6	7	n.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	67.7	−1.2	89	30	35	4	4.85	+0.45	1.82	1-2	0	8	13	6	11	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	66.2	−1.8	89	25†	.....	.....	9.18	+5.87	2.29	12-13	0	15	10	13	7	s.	Indiana State Teachers Col.
Jamestown-2 NW	Mercer	1,050	4	65.6	.....	90	29†	36	10	3.84	+0.40	1.16	16 17	.....	15	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	68.6	−0.8	93	30	40	6	7.91	+2.90	2.45	1 2	0	13	12	5	13	s.	Johnstown Tribune Pub. Co.
Kane-1 N.	McKean	1,750	30	59.6	.....	87	30	29	4†	5.75	+1.01	1.13	12	0	16	6	4	20	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	64.4	−1.5	89	29†	37	5	6.67	+2.63	1.47	17-18	0	15	4	20	6	sw.	City of Meadville.
Midland	Beaver	780	9	67.8	−1.9	91	26	42	4†	4.82	+0.93	1.60	12-13	0	13	13	5	12	se.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	67.6	−1.5	91	26†	38	4	3.51	−0.69	0.65	20	0	11	13	10	7	n.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	12	68.5	−0.1	91	26	46	4	4.93	+1.12	1.41	1-2	0	12	4	13	13	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	64.4	.....	94	26	33	4	5.70	.....	0.91	1-2	0	18	5	13	12	ne.	U. S. Engineers.
Ridgway	Elk	1,385	38	62.8	−1.6	91	26	31	4†	6.29	+2.08	1.23	11-12	0	15	7	7	16	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	64.0	−1.3	85	24	33	10	6.81	+1.79	2.53	1 2	0	13	5	3	22	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	61.4	−2.6	82	26	34	6†	7.40	+2.15	2.26	19	0	15	5	5	20	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	63.5	.....	90	29	37	5	6.32	+2.23	1.28	11-12	0	15	11	5	14	w.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	63 8	.....	87	29	33	4†	8.10	.....	1.48	11-12	0	14	0	24	6	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	70.0	−0.3	90	26†	41	4†	7.28	+2.53	2.12	19	0	10	11	13	6	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	68.8	−1.0	92	26	40	4†	5.89	+1.42	1.36	2	0	12	5	22	3	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	65.6	+0.1	92	26†	38	4†	7.21	+2.77	1.57	31 1	0	15	12	14	4	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	67.9	−2.4	89	26	38	4†	6.12	+1.83	1.92	1 2	0	10	2	20	8	w.	Thomas S Knox.
Division mean				**65.5**	.....	**96**	**26**	**29**	**4†**	**6.39**	.....	**3.13**	**11-12**	**0**	**14**	**9**	**10**	**11**	sw.	
Lake Drainage																				
Albion	Erie	900	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles C. Gilbert.
Erie	Erie	705	72	66.2	0.0	88	30	45	1	5.84	+2.50	1.94	11-12	0	11	8	12	10	sw.	U. S. Weather Bureau.
State mean				**65.8**	**−2.4**	**100**	**18**	**28**	**6**	**6.05**	**+1.89**	**5.09**	**1-2**	**0**	**13**	**9**	**10**	**11**	sw.	

[See page 48 for explanation of reference marks.]

Daily Precipitation for June 1946

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike		1.25	.80						.14			.56	.01		.09																2.85
Equinunk[2]	Wayne		.90	.70		.20	T.	.04	.13	.26			.72	.02					.82	.05		.14	.02						1.08	1.01	.09		6.18
Hawley[2], 0.5 E	Wayne		.84	.88		.04		.01	.02	.29			.59	.02	.01	T.			.10	.08		.11	T.						.21		.15		3.35
Hollisterville[2]	Wayne		.92	.87		.04		.03		.16			.49	.03	.01	.02		.03		.33	.02	.05	.01						.14	.19	.95		4.29
Lakeville[2], 1 N	Wayne		1.01	1.41		.05		T.	T.	.30			.47	.14		T.						.09							.93				4.40
Matamoras[2]	Pike		1.11	.89						.07			.64	.05						.44													3.23
Milanville[2]	Wayne		.58	.62		T.	T.	.05		.18			.69	.05	.03				.30	.19	T.	.25	.05						T.				2.99
Mount Pocono[1], 2 N	Monroe	.16	1.57	T.			.03		T.			.36	.29	.12	.20			.02	.20		T.	T.							.03	.04			3.02
Pecks Pond[2]	Pike		1.19	.71				.06		.13			.51	.10		.12			.05	.05	T.	T.	T.							1.14	.12		4.18
Pleasant Mount[1,5], 1 W	Wayne	.31	1.08		.07		.01	.11	.21			.41	.61	.13				.25	1.00			.18					.13	.20	.04			4.73
Stroudsburg, 2 E	Monroe	T.	1.95			.03	T.	.01					.63	.07	.51		T	.17				T.							.01	.18	1.29		4.85
Tanners Falls[1,5], 1 SE	Wayne	.11	1.28					.08	.13			.48	.29	.10				.23	.41			.34					.20			.03			3.68
Wind Gap[1,5], 3 SW	N'rthampton	.10	1.73		.05		.02					.49	.25	.17	.35						.16									.17	.02		3.51
LEHIGH																																	
Allentown Apt[1,5], 4 NE	Lehigh	.11	2.36		.02	T.	.02	T.				.70	.23	.31	.34				T.	.02	.17	T.							2.27	.04	T.		6.59
Allentown[2]	Lehigh		1.58	1.15	T.	T.		.02				.01	1.06	.43	T.	.38				T.	.38	.01								.30	.06		5.38
Bethlehem[1]	N'rthampton	.13	2.32		T	T.	.01					.55	.31	.36	.26				T.	.01	.36								.06		.02		4.30
Blakeslee Corners[1,5]	Monroe		1.30	.08								18	.55	.42	.11	.07																2.74
Gouldsboro[2]	Wayne		.92	.80				.07		.11		T.	.79		.19				.11	.10	.04		.02							.57			3.72
Lansford[2]	Carbon		*	1.75				.07					.88	.88	.02	.21			T.		.40	.04	T.						.02	T.	T.		4.27
Mauch Chunk, 1 SW	Carbon	.08	1.82			.05	.08					.04	.89	.40	.41						.19	.05	.03						.01		.65		4.10
New Tripoli	Lehigh	.12	2.10		T.	.06	.03						1.05	.29	.23				T	T.	.37	.02							1.61				5.88
Palmerton[1,5]	Carbon	.01	1.48			.01	.03					.70	.27	.45	.77			T.	T.	T.	.32	T.							.43				4.47
Zionsville, 1 SW	Lehigh		3.95			.08							.70	.15	.85	.20					.15											6.08
SCHUYLKILL																																	
Conshohocken	Montgomery	*	*	4.34			.06						1.02	.16				T.	*	*	*	1.21							.06	T.			6.85
Fredericksville[2], 1 S	Berks		2.50	1.01			.08	.05					.40	.30		1.11			T.	T.	.12	.02	.05							.23	.01		5.88
Geigertown[2]	Berks		2.00	1.65									.41	1.01		.46					.30	.02											5.85
Gratersford[2]	Montgomery		3.59	1.50	.03								.51	.38		.37					.78	.32	.03							.28			7.79
Phoenixville[2], 1.5 SE	Chester		2.44	1.23	.08	.01	T.	T			T		.48	1.40	T.	.25				.24	T.	.22	T.							.05			6.40
Port Clinton[2]	Schuylkill		1.35	.93									.67	.49		.91				.02	.41	.06								.37			5.21
Pottstown[2], 0.5 S	Montgomery		3.30	1.18	T.	T.		T.					.33	.32	.02	.50																	5.65
Pottsville[2]	Schuylkill		1.20	.70		.09	T.	.04					.80	.30		.39				T.	.30	.04	T.						.02	.09	T.		3.97
Reading[1,5]	Berks	.26	3.90		.03	T.	.02					.20	.53	.57	.52				T.	.13	.12	T.						1.44	T.				7.72
Strausstown[2]	Berks		1.46	.82			.01	.04					.91	.63	.02	.90					.21	.04								.12	.20		5.36
Virginville[2]	Berks		1.89	.88			.06	.04					.50	.40		.74	.01		T.	.30	.15	.05	.02							.30	.02		5.36
Wernersville	Berks	.02	4.15			.03	.02					T	.77	.64	.26	T.			T.	.10	.18	.01						1.17	.17	.31			7.83
LOWER DELAWARE																																	
Coatesville[2]	Chester		3.11	.80	.09	T	T.	.02					2.20	.61	.05	.31				.25	.32	.04								.18	.55		8.53
Doylestown	Bucks	.05	4.56		.09	.02	.02	T.					.76	.50	.76	.04			T.	T.	.17		.02						.67	.23			7.89
George School[6]	Bucks	.83	2.72		08	T.	.01						1.74	.10	.23	.07				T.	.29	.02								.13			6.22
Maple Glen[7]	Montgomery		2.85	.24	.06		.08	.01					2.00	.16	.03	.18				.03	.26	.02								.08			6.00
Marcus Hook[2]	Delaware		1.98	.64	.03	.05							2.50	.06		.75				.30	.25	.01								.02			6.59
Philadelphia																																	
Southwest Airport, [1]	Philadelphia	1.52	1.50	T.	.11	T.	T.					1.13	1.11	.01	.42				.32	.14	.12	.04						.01	T.	.26		6.69
City Office[1,5]	Philadelphia	2.16	2.12		.08	T.	T.					1.36	1.31	.01	.22				.31	.06	.06	.03						.61	T.	.28		8.61
Shawmont	Philadelphia	T	3.10		.15		.02	T.					.95	.40	.15	.10			.17	T	.18	.10	T							T.	.75		6.07
Quakertown, 0.5 E	Bucks	.12	4.51		.20	.03	.09						.68	.42	.71	.18			T.		.10	.02							15	.06			7.27
West Chester	Chester	.98	2.26		.10	T.	.01						2.62	.63	.30				.64	.02	.25	.02							T.	.03			7.86
West Grove[2], 1.5 SE	Chester		2.55	.61	.12	.03		.04					1.68	.12		1.21	T		T.	.05	.34	.04	T.							.10	T.		6.92
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1,5], 2 W	Tioga	.39	.74		.20		.13		.30			.35	.11	.20				.04	.46		.52							.28	.16			3.88
Covington[2]	Tioga	.35	.54	.35				.13					.65	.19					.53	.04	T.	.05					1.67	.04	.03	1.15		5.72
Lawrenceville	Tioga	1.10	.92		.12	.05	.28		.15	.20		.19	.25	.32				.03	.52		.03	.46	.05		.08		.72					5.47
NORTH BRANCH																																	
Berwick	Columbia	.24	1.38	T.		.01	.12	.01				T.	1.32	.32	.10			.11	.03		.02	.05						1.02	.05			4.78
Canton[2], 1 NW	Bradford	.02	.85	.41				.24		.40			.94	.25					.54	.05	.02	.10						.21	.19	.51		4.73
Danville[2]	Montour		.89	.65		.04		.13					1.95	.98		.12			.16		.12	.18						.20	4.30	.30		10.02
Freeland[2]	Luzerne	.08	.86	.85		T.	.02	.09					1.95	.58	.04	.23	T.		T.	.01			.04	T.					.26	.70		5.71
Hop Bottom[2], 2 S	Susquehanna		1.25	.25		.20	.10			.66			.19	.66					*	*	1.00	.43							.10		.58		5.42
Millville[1,5]	Columbia	*	*1.39*		.03		.11		*.05*		*	*	*	*1.81*	.08			*	*	*	*	*.52*							.18	.31			§4.48
Monroeton[2], 2 S	Bradford	.03	.67	.69		.03	T.	.13		.36		.01	.86	.04	.01				1.02	.18	.03	.20	.02						1.58	.08	.10		6.04
Montrose[2], 3 E	Susquehanna	T.	.67	.69		.32		.13	.09	.06			.94	.02	.14				.94	.33		.12	.08						.06	.53	.86		5.98
Orwell[2], 3 N	Bradford		.85	.42		.18		.25		.10			.61	.26					2.09	.16		.08							.28	1.11			6.39
Park Place[1], 1 NW	Schuylkill	.17	1.66		T	T.	.06					.42	.58	1.05	.17			.01	T.	.03	.37	.02						.03	.02	.07			4.66
Pikes Creek[1,5]	Luzerne	.17	1.10				.07		.18			.70	.22	.10				.08	.07		.02	.14						.19	.10				3.14
Rush[2]	Susquehanna	.03	.77	.50		.13		.19	.13	.06			.81	T.	.15				.52	.22	.01	.16							.01	.05	1.70		5.44
Scranton[1,5]	Lackawanna	.29	1.26			T	.10		.23			.39	.46	.05	T.			.14	.06		.03	.15						.08	.11	.45			3.80
Susquehanna[2]	Susquehanna		.81	.48		.01		.05	.06	.11			.96	.03	T.				.77	.06		.02	.13						.04	.47	.40			4.40
Towanda, 1 E	Bradford	.33	.97		.02		.16		T.	.12		.44	.28	.05				.95	.59			.21					.21	.03	.06				4.42
Tunkhannock	Wyoming	*	1.15							.16			.76	.02				.11				.31					*	1.35		.03			3.89
Wilkes-Barre[1], 3 N	Luzerne	*	*1.58*				.10	T.	.28			.56	.22	.09	T.			.08	.24		.05	.12					.05	.15	.02				§3.54
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.24	.90	.09		.01		.10		.10			.74	.12					.17		T.	.11	.01						.16				2.75
Carrolltown[2]	Cambria		1.39	.26				.08		.64			2.61	1.84	.27	.03		.03	.11	.42	.52	1.72							.22	.74	.34		11.22
Carter Camp[2]	Potter	.28	1.04	.22				.17		.06			.69	1.11	.02				.40		.03	16					10		.03		.47		4.78
Cedar Run[2]	Lycoming	.05	.80	.54				.05		.13			.91	.93					.18	.02		.24											3.85
Clearfield[2]	Clearfield	T.	.84	.56				.12		.59			1.07	1.06	T.	.06		.02	.33	.47	.29	1.11	.07						1.22	.11	2.10		10.02
Coalport[2]	Clearfield		.85	.45		*		*		.45			.45	1.43	.42	*		*	*	.15	.50	1.20							1.25		1.65		8.80
CurwensvilleApt[1] 6NW	Clearfield	.26	.98		.02	T.	.31		.25			.78	.77	.18	.18	T.	.04	.12	1.22	.28	.82	.10	T.					.07	.28	.05			6.71
Driftwood[1,5]	Cameron	.27	.71				.06		.20			.78	1.29	.26					.20	.06	.31	.08						.08		.04			4.29
Dushore[1,5]	Sullivan	.22	.88		.02		.10		.30			*	1.01	.08				1.06	.11		.22	.08						.23	.01	.30			4.62
Eagles Mere[2]	Sullivan		.46	.77		1	T.	.18		.27		T.	.89	.17		T.			.69	.06	.07	.42	.03						1.05		T.		5.06
Emporium[2], 1 E	Cameron	.33	1.21	.11		.02	.03	.20		.18		.04	1.73	.95	.06				.40	.04	.03	.32		.02					.58	.11			6.36
English Center[1], 5	Lycoming	*	1.25						.30				.76	.35				.03	.15		.31	.09						.08	.03	.32			3.67
Galeton	Potter	.84	1.01		.01	.03	.07	.01	.02	.18		.06	.74	.06					.42		.18	.04			.20								3.87

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield	.05	.97	.48		.02		.04		.20		.02	.61	.58	T.				.19	.13	.22	.62							.87	.12	.2-		7.37
Lock Haven[2]	Clinton	.01	1.07	.51		.06		.09		.03		.01	.87	1.68		.05			.04		.11	.61	.01						.07	.08	.07		7.07
Medix Run[1, 5]	Elk	.25	.85		.14		.13		.10			.60	.60	.32					.19	.09	.50							.02	.10	.53			4.42
Philipsburg[1], 7 E	Centre	.37	1.30		.05		.14		.29			.40	1.39	.25	.05	.01	T.	.12	.26	.45	.69	.41					T.	1.15	.13	.01			7.47
Renovo[2]	Clinton	.02	.67	.50		.02		.10		.09		.08	.73	1.77		T.			.17	.01	.06	.40							.09	.09			4.80
State College[1, 5]	Centre	.38	1.31		T.	T.	.06		.04			.64	.95	.24	1.12	T.		T.	.12	.32	.25	.34	T.				T.	T.	.30			6.07
Tamarack[2], 2 S	Clinton	T.	.75	.37		.06		.12		.23			1.13	1.53	T	T.			.34	.01	.05	.21	T.						.01	.01	.08		4.90
Trout Run	Lycoming	.10	1.18				.15			.42			1.15	.39				.07	.13			.60											4.19
Tyrone [1, 5], 4 NE	Blair	.18	1.28				.15		.16	.01		2.06	.87	.15	.58					.35	.55	.38							.10				6.82
Wellsboro[2]	Tioga	.17	.71	.43		T.		.14		.18		.01	.69	.25	.01		.01		.28	.02	.01	.15							.20				3.26
Williamsport Apt.[1]-4 E	Lycoming	.19	1.04		T.	.13	.10		.09			.61	.50	.27	T			.41	.06	T.	.31	.39	T.					T	.39	.22			4.71
Williamsport[2]	Lycoming		.67	.76		.02	.02	.09		.07			1.00	.50	.03				.25	.02	.03	.45								.14			4.05
Williamsport[2], 4 SE	Lycoming	T.	.75	.71		.01	.03	.10		.06		T	.83	.62	.02	T.			.23	.02	.06	.45								.60	.70			5.19
JUNIATA																																	
Altoona, 4.5 W	Blair	.10	1.92		.03		.09			.03			2.39	.81	.19			.49	.10	.43	.06	.86						T.	2.01				9.51
Breezewood[1], 0.5 E	Bedford	.44	1.87							.02		T.	2.45	.29						.94		.15					.76						6.92
Buffalo Mills[2]	Bedford		1.50	.58						.07			1.17	.17	.06					.71	.70		.09										5.05
Burnt Cabins[1], 2 NE	Fulton	.15	2.65				.10					.17	1.50	.16	.54			.13		.60	.02	.03											6.05
East Waterford[2], 3 E	Juniata		1.58	.93	.01	T.		.05					1.17	.84	T.	.56			.07	.07	.66	.01	.04						T.	T.	T		5.99
Everett[2], 0.5 SW	Bedford	T.	1.51	.80						.06			1.59	.28	.02	.32			.10	.25	.62	.02	.13					.21	.08		.89		6.91
Huntingdon[2]	Huntingdon	T.	1.51	.93		.04		.08		.03			1.32	1.75	.02	.36			.72	.14	.64	.69						T	T.	T.			8.26
Lewistown[2], 1 W	Mifflin		1.40	.70	.01	.23	.02	.08					1.96	.92	T.	.23			.05	.10	.41	.30	.03						.97				7.41
Mapleton Depot[2]	Huntingdon		1.53	.94		.02		.09					1.29	.84	T	.09			1.05	.13	.71	.15	.10							T.			6.94
Martinsburg[1]	Blair	.52	1.47		.01		T.	T.	.19	.04		.73	1.29	.71	.29			.04	.17	.69	.27	.09					.02	.14	.02				6.69
McConnellstown[2], 4NW	Huntingdon		1.53	1.01		.01		.10		.09			1.43	1.88	.05	.16			.10	.05	.62	.81									.18		8.02
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.80	1.40		.07	*	*	.09	.03			1.45	.83	*	.42			*	*	*	*	.90											5.49
New Bloomfield	Perry	T.	2.20				.03						1.22	*	1.36			.02	.09	.40	.20	.03							.05	.17			5.77
Newport[2]	Perry		1.28	.82				.02					.83	1.43		.29			.02	.02	.45	.02	.01										5.19
Saxton[2], 1 W	Bedford		1.60	.97				.03		.12			.95	1.22	T	.50			.04	.37	.65	.07	.07					.10					6.69
Shade Gap[1, 5], 0.5 SW	Huntingdon	.32	1.90		.10		.03					1.08	1.76	.42	.45	.03		.34	.10	.47	.03	.05								.70			7.78
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams		2.40	.61	T.			.05					.81	.21	.07	.30	T			.17	.44	.03	T.								.05		5.14
Beavertown	Snyder	.04	2.00		T.		.10	T.					.70	1.10	.15	.01			.02	.30	.10	.26	.02										4.80
Bloserville, 1.5 N	Cumberland	.05	2.53			T.	.11						1.39	.40	.32	.04		.22	.04	.28	.62	.07							.17	.04	.81		7.09
Carlisle	Cumberland	T.	2.63	T.	T.		.06						2.29		.41	T.		.07	T.	.30	.66	.03							T.	.07	.55		6.87
Columbia	Lancaster	.06	3.41	T	.06	T.	.02						1.87	.08	1.88	.07		.04		.12	.66	.02							T.				9.02
Dauphin[2], 3 N	Dauphin		1.51	.98	.01	.05	T.	.05					1.24	.62	T.	.48			.03	.02	.46	.01	.02							.09	.25			5.82
Ephrata	Lancaster	.05	3.41										.92	.59	.41	.01			.08	.06	.13	T.							.27	.29	1.46		7.98
Glen Rock[1, 5]	York	1.33	2.22				.01					.33	.61	.05	.38	.01				.64									1.40	.02			$7.00
Gordon	Schuylkill	.09	1.56		.05	T.	.10						1.20	.60	35				.05	.10	.07	.01								.13			4.31
Grantville, 2 SW	Dauphin	.01	2.53		.02	T.	.10						.95	.67	.47				.03	.25	.13	.06								.90	.95	1.04		8.11
Hanover[2]	York		1.67	1.16	.07			.05					.75	.06	.06	.27				.17	.32	T	T.								.02	.03		4.63
Harrisburg Apt[1, 5], 3.5 S	Dauphin	.50	2.31	T.	.06		.01					.58	.97	.09	.35			.01	T.	.32	.02	.03							.07	.29	T.			5.61
Holtwood[2]	Lancaster		3.03	.42	.04	.01	.01	T.					1.09	.04	.03	.38			T.	.04	.08	.01	.01						T.	.26	.08			5.53
Huntsdale[2]	Cumberland		*	2.99		.02		.07	T.				1.09	.55	.04	2.87			.30	.10	.29	T											8.32
Kirkwood[1, 5], 1 SW	Lancaster	1.50	2.11				.04					*	1.58		.99					.17									1.40	.98			8.77
Lancaster	Lancaster	.02	3.15		.01	T.	.07	.01					2.10	.40	.48	.09		T.		.10	.22	.03							.07	.75	.03			7.53
Lebanon[2]	Lebanon		1.55	1.03				.05					.72	1.04	T.	.25			T.	.40	.25	.03	T.							.52	.65			6.49
Middletown[1], 1.5 W	Dauphin	.51	2.86	.01	.29	T.	T.					.79	2.08	.03	.54			T.	T.	.50	.02	T.							.04	.68	.12			8.47
Millersburg[1, 5], 2 E	Dauphin		1.75									.22	.53	.32	.03				.07	.32	.04												3.28
Milroy[2]	Mifflin		1.30	.75				.07		.02			1.21	.34		.56			.10	.10	.27	.45											5.17
Newburg[1], 3.5 NW	Cumberland	.45	2.22	.03	T.	T	.06					.58	2.00	.13	1.45			.34		.50	.05							1.04		.10	.05			9.00
New Park	York	.75	3.52		.10								.78	.13	.36	.04				.16	.20	.01								.70	.04			6.79
Pine Grove[2], 1.5 NE	Schuylkill		1.72	.50	T.	T.		.05				.01	.68	.30		1.03			T.	.02	.22	.03	T.							T.	.18	.20			4.94
Selinsgrove	Snyder	.37	1.62		.01	.05	.06			.02		T.	1.14	.71	.26	T.		.01	.07	.38	.06	.10									.09			4.95
Shamokin[2]	N'umberland		*	1.77	T.	.24	.02	.11	T.				.92	.65		.36			.03	.01	.21	.02	T.							.01	1.67	.11			6.13
Shippensburg	Cumberland	.03	2.52		T.	T.	.10	T.					1.33	.34	.48	.50		.09	.03	.29	.20	T									T.			5.91
Sunbury[2]	N'umberland	T.	.98	.80		.03		.07		T.		T.	.57	.53	T.	.16			.18	.09	.47	.12	.02							.19	.58	T.			4.79
Williamstown[2]	Dauphin		.95	.89				.16				.07	.78	.32	.06	.63			T.	T.	.30	T.	T.								2.05	1.20			7.41
Woodward[1], 2 NE	Centre	.30	1.49		.03		.13	T.	.03		T.	.44	.61	.27	.24	T.		T.	.39	.41	.45	.14	T.					.06	T.	T.				4.99
York, 3 SW	York		4.66		.06		.02						.81	.04	.54	.35				.14	.11									.04	.06	.02			6.85
York Haven[2]	York		3.05	.85		.13							1.75	.60	T.	1.22			.01	.05	.59	.02								.59	1.85			10.71
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin	.01	2.45		T.	T.	.05						.06	.74	.20	.41			T.	T.	.64	.04	.04									1.39	.01			6.04
Gettysburg	Adams	T.	2.48			.03	.03						1.13	.08	.26	.05				.48	.09	.04										.15			4.82
Hewitt, 2 SW	Bedford	.22	1.52			.04							.32	.36	.18					2.10		.18						.15							5.07
Hyndman[2]	Bedford		1.19	.42			T.						.20	.15	.16					.72	.71	T.	.21						.05					3.81
McConnellsburg[2]	Fulton		1.40	.73									.80	.13	T.	.12				.25	.35										.54			4.32
Mercersburg[2]	Franklin	T.	1.88	.16									.97	.39	.19					.41	.50	.01	.03								.36			4.90
South Mt. San't'm[2]	Franklin		2.13	.78				.07					.72	.38	.02	.42			.14	.27	.46	.01	.02								.04			5.46
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.04	1.12	.48									.54	1.70	.24	.01		.84		.57	1.48	.35											7.37
Allens Mills[1, 5]	Jefferson	.22	1.01		.10		.23		.38			.93	.58	.28	.11		.14		.25	.18	1.23	.06					.05	1.03	.08	.10				6.96
Blairsville[1], 6 NE	Indiana	1.11	1.38		.01		.02		.06			1.03	2.15	.81	.01		.04	.18	.04	.94	.23	.73	.01				T.	.01	T.					8.76
Boswell[2], 6 NW	Somerset		2.55	.14			.07			.24			.55	.99	.09	.13		.03	1.40	.40	.39	1.47	.14						2.58				11.17
Bradford, 4 W	McKean	1.59	.24				.34			.29		.15	.51	1.03				.19	.78			.92						.09	.06	.53	.07			6.79
Brookville[1], 1.5 SW	Jefferson	.27	1.02		.05	T.	.31		.29			1.04	.66	.27			.73	.15	.25	.33	.31	.01							.88		.68			7.25
Buckstown[1, 5]	Somerset	.63	1.57		.08					.15		.03	1.31	.53	.17			.02	.13	.59	.35	.13									.24			5.93
Clarion[2], 3 SW	Clarion	.31	.81	.10				.20		.88		.01	1.05	.55	.03			.37	.28	.12	.09	.20						.02	.06					5.08
Corry	Erie	.98	.02				.43		.57				1.10	.80			.27	.10	1.43	T.	.05	.55					.02	.02						6.34
Coudersport	Potter	2.14	1.61		.03	.02	.32			.10		.03	.77	.41				.03	.48			.86						.32	.70	.42				8.24
Derry	W'moreland	.41	1.87		T.					.58			1.27	.74	.02			T.	.21	.63			T.				.15	T.						5.88
Donegal[1]	W'moreland	.63	1.92		.02	.02				.17		.03	.81	.90			.04	.40	.02	.76	.44	.67	.04					2.23			.03			9.13
Dunlo[1, 5], 0.5 SW	Cambria	.59	1.71						.61			.31	.67	.34				.34	.85	.56	.37	.58								.04				6.97
Ebensburg[2]	Cambria	.03	1.91	.03		.01		T.	T.	1.00			2.29	1.19	.08	.02		T.	.03	.89	.86	1.29	.05						.22	.06	.27			10.23
Ford City[2], 4 S	Armstrong	.02	1.43	.16		.05	T	.03		.20			.19	1.58	.20	T.		.25		.23	.37	1.68	.05							.43		T			6.87
Franklin[2]	Venango	.84	.74	.03		.05		.23		.20		.01	.52	.21	.05			.40	.13	.08	.14	.43													4.06
Glen Hazel[2], 1 NE	Elk	.54	1.10	T.	T.	T.	T	.15	T.	.08		T.	1.33	1.53	.06			.01	.49	T.	.02	.14							.21	.13	.02			5.81
Home[1, 5]	Indiana	.30	1.15				.09		.35			1.30	.71	1.01	.80		.04		.02	.40	.93	.40					1.22							8.72
Indiana	Indiana	.22	1.09		T.	.01	.03	.01	T.	.22			1.53	2.29	.18			.05	T.	.74	.07	1.09	T.						1.42	.23				9.18
Johnstown[2], 0.5 W	Cambria		2.45	T.		T.				.93			.74	.90		.07		.01	.04	.13	.79	.75						.09	1.00	T.	.01			7.91
Kane[1], 1 N	McKean	1.08	.54	T.	T.	T.	.18		.14			.16	1.13	.44			.02	T.	.61	.01	1.05	.07			.01			.10	.01	.20				5.75

Continued on page 45.

Daily Precipitation for June 1946—Continued from page 44

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kregar[1], 4.5 SE	W'moreland	.78	1.74		.04	.03				.09		.25	1.01	.79	T.		T.	.14	.11	.61	.77	.38	.03	.07			.43	.03	T	T.			7.30
Lycippus, 1.5 E	W'moreland	.25	1.96	T.	T.	T.	T.			.05			.39	.96	T.			.36	T.	.79		.20						T.		.07	.02	5.05
Marienville[1, 5]	Forest	*	*	*	1.60		.34		.17			.54	1.59	.13			.21	.08	.46		12	.05						.38					§7.67
Meadville[2], 1 S	Crawford	.70	.15	T.	T.				.39		.76		.04	1.03	.54	.04		.50	1.47	.02	.02	.82						.01	.18			6.67
Mosgrove[2]	Armstrong	.02	.67	.37		T	T.	.08		.19			.67	.49	.21	.21		.28	.16	.05	.28	.65	.16						.04			4.46
Parkers Landing[2]	Armstrong	.31	.93	.44						1.15			.75	.30				1.13	.68	.23	.20	.38										6.50
Pittsburgh Cty Of[1, 5]	Allegheny	.15	.89		T.	T	T		.30			T.	1.00	1.40	.30		.78	T.	.20	1.00	.55	T.			T.			.02		T.		6.89
Port Allegany[2]	McKean	.92	.92	.08		.03		.24	T.	.23		.02	.41	.51	.06				.46	.01		.64	.04					.03	.53	.62	.02	5.77
Punxsutawney[2]	Jefferson	.01	1.65	.01		.01	T.	.10		.51			1.30	.75	T.	.27		.15	.47	.14	.40	1.10	.15					66	1.50		T.		9.18
Putneyville[2], 2.5 SE	Armstrong		.91	.32	.06	.03		.13		.40			.38	.77	T.	.50	.11	.14		.21	.50	.61	.26					.02	.21	.11			5.70
Ridgway[2]	Elk	.61	1.12	.10				.17		.48		.08	1.23	1.08	.43			.03	.42	T.	.02	.20	.01					T.	.31				6.29
Saltsburg[2]	Indiana	.01	1.61	.25		T.	T.			T.			1.05	2.33	.02	T.		.01	T.	.31	1.13	.45							.44		.31		7.92
Seward[2]	W'moreland		1.74	.44			.04	.02		.27			1.62	2.37	.14	.02			.02	.28	.64	.46	.02							.04	.02	2.04	10.18
Sheffield[1, 5, 6 W]	Warren	.74	.39				.17		.17		.03	.91	1.05	.63			.24	.08	.40		.39	.33						.08		1.59			7.20
Smethport[1, 5, 1 SW]	McKean	.71	.50		.09		.21		.27			.16	.73	.20					.39		.85	.02						2.00	.81	.10			7.04
Strongstown[1, 5]	Indiana	.47	1.28		.02		.02		.68			1.27	.86	1.24	.11			.04	.46	.75	.41	.34						.11		.18			8.24
Tionesta[2], 1.5 SE	Forest	.88	.91	.02		.04		.38		.80			1.28	.94	.11	T.	T.	.34	.58	.02	.06	.41	T						.05		T.		6.32
Titusville, 2 S	Crawford	1.37	.24	T.			.40		.13	.21		.71	.77	.97				.50	.48	T.		.62						1.10	.01		.59		8.10
Union City[1, 5]	Erie	.60					.43		.39			.36	2.28	.54			.45	.22	.78		.63						.80						7.48
Vandergrift[1]	W'moreland	.35	1.36		T.	T.	T.	T.				.11	.62	1.18			.10		.02	1.16	.70	.20						.07	.02	T.			5.89
Warren[2]	Warren	1.57	.27	.01	T.			.21		.37			.90	.93	.02		.10	1.20	.01			.56	T.							.55		.51		7.21
Youngsville[1, 5]	Warren	.51	.07				.22		.39			.70	.97	.43			.20	.44	1.02		66							.04	.70		1.36			7.71
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.01	2.22	.50									.35	.74	.05	.15		.04	.12	.54	1.44	.81	T.										7.00
Connellsville[2]	Fayette	.07	2.00	.40						.06			.44	.64	.16	.04		.09		1.26	.64	43	T.						T.		T.		6.23
Donora[1]	Washington	.33	1.65	.01		T.						.12	.30	.72			.11	T.	T.	.67	.45	.18								.02			4.56
Greensboro[2]	Greene	.04	2.45	.57		.01							.30	.73	.09	.03		.14		.60	.70	.65											6.31
Greensburg, 2 S	W'moreland	.43	1.82									T.	.80	.66				.06		.81		.23	.04					T.	T.				4.85
Irwin	W'moreland	.16	1.80		T.	T.	T.			.01		T.	.26	.89				.20	T.	.89	T.	.35	.05						.03				4.64
Meyersdale[2]	Somerset		1.16	.88		.04							.33	.53	.49					1.08	3.01	.05						.13	.74				8.44
Murrysville // [1, 5]	W'moreland	.49	1.10						.19			.21	.87	1.04	.06		.48			.90	37							.10					5.81
Pittsburgh Arpt.// [1, 5]	Allegheny	.44	1.05	T.		T.	T		.06			.05	.43	.74	T.		.42	T.	.05	.68	.31	.01						T.	T	.69			4.93
Rices Landing[2]	Greene	.05	1.72	.50									.55	.73	.05	.40		.12	.06	.76	1.70	.22	.04										6.90
Somerset	Somerset	.14	2.39		.05	.04				.02			1.32	.61	.03			.14	T.	1.08	T.	.73	.05				T.	T.		.21			6.81
Springs[6], 1 SW	Somerset	.54	1.51		T.	.02							.52	.65	.12	.01		T.	.17	2.26	.04	.05					.12	.59	T.	.32	.48		7.40
Uniontown	Fayette	.56	2.02	.02								T.	.20	.69	.06			.14		2.12		1.45	.02						T.				7.28
Waynesburg	Greene	.76	1.92									.06	.54	.90	.14			.39		.43		.24							.74				6.12
BEAVER																																	
Beaver Falls[2]	Beaver	.05	.79	.10		T.		T.		T.			.31	1.28	.05	.01		.34	.11	.31	.44	.68							.97				5.44
Butler	Butler	.03	1.00			.01				.01			.29	1.15	.14			.70		.31	.12	.72	.04								T.			4.52
Farrell[2]	Mercer	.43	.33					.07					.64	.30				.21	1.19	.15	.09	.93						.39	.12				4.85
Greenville	Mercer	.65	.18				.19		T	.09		T	.51	.21				.61	.14	.16	.25	.10					.11	.25					3.45
Jamestown[2], 2 NW	Mercer	.52	.13	T	.01			.21		.12	T.	.01	.39	.17	.05			.64	.52	.01	.06	.97						T.	.03				3.84
Mercer Arpt.[1], 2.5 NE	Mercer	.22	.21	T.	T.	T.	.15		.56		T	.01	.20	.25			.52	T.	.32	.13	.81						1.67	.14		.46	.09		5.74
New Castle[1], 1.5 N	Lawrence	.78	.43	T.	.01		.05						.17	.43			.49		.03	.37	.65	T	T.					.10					3.51
Pennline, [2], 1 S	Crawford	1.32	.06	T.				.31		.11		.01	1.17	.53				.22	.89	.09	.01	.65						1.13	.87				7.37
OHIO																																	
Claysville[2]	Washington		1.50	.22									.07	.98	T.			.55	T.	.74	.81	.99	.08						.10				6.04
Coraopolis[2], 1 E	Allegheny	.05	1.24	.20		T				.01			.23	1.08	.05	.31		.74		.84	.88	.15											5.78
Midland[2]	Beaver	.08	.95	.13		.02	T						.06	1.60	.02			.56	.11	.30	.57	.07							.35				4.82
Washington[1, 5]	Washington	.63	1.14									.15	.31	.66			.60	.01	.34	.51	.77	.04						.88				6.04
LAKE DRAINAGE																																	
Albion	Erie	1.95		.02			.45		.20				1.85	1.23			*	.51															§§
Erie[1, 5]	Erie	1.12		.01	T.		.52		.27			.28	1.69	T			.48	.66	.76	T.	.03						.02	T.					5.84
Raymond[1, 5]	Potter	.69	.72		.13		.12		.30			.40	.22	.19				.05	.48		.60	.13						1.05		.10			5.18

[See page 48 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Bord City[2], 4 S	Evaporation	.227	.007	.117	.143	.025	.247	.074	.194	.276	.266	.148	.122	.263	.116	.134	.136	.234	.124	.174	.006		.248	.054	.086	.380	.224	.236	.248	.043	.236		4.774
	Wind movement	36	50	11	28	35	27	19	57	69	46	12	56	38	32	54	19	24	58	55	65	27	50	30	14	08	06	26	38	9	8		1007
Crawley[2], 1 S	Evaporation	.299	.044	.788	.159	.134	.130	.222	.052	.392	.308	.249	.347	.167	.153	.028	.188	.296	.112	.246	.199	*.062*	.063	.154	.218	.206	.252	.314	.152	.117	.210		6.137
	Wind movement	100	34	41	41	61	63	140	80	174	127	113	217	102	72	16	68	107	82	100	64	50	99	68	32	36	28	82	48	37	27		2309
Jamestown[2]..2 NW	Evaporation	.157	.064	.138	.157	.183	.154	.032	.226	.080	.207	.131	.148	.118	.177	.167	.084	.202	.098	.087	.027	.115	.145	.110	.194	.136	.254	.160	.158	.170	.230		4.309
	Wind movement	40	30	19	31	25	8	33	24	48	22	9	51	10	6	7	9	20	29	11	20	5	10	12	4	26	4	17	4	23	12		569
Jeffs Mills[2], 3.5 NE	Evaporation	.222	.100	.046	.148	.154	.234	.498	*	.090	.322	.188		.074	.142	.032	.072	.082	.088	.236	*.004*	.010	.126	.146	.200	.194	.231	.209	.226	.114	.140		4.326
	Wind movement	28	45	17	20	22	38	2	43	73	45	50	8	27	23	8	2	16	10	53	7	4	27	27	8	4	11	6	19	4	7		659

Italics mean minus quantity.

[See page 48 for explanation of other references.]

Daily Temperatures for June 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion	Maximum	65	71	65	65	67	69	81	84	63	70	85	81	73	74	75	85	80	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§§
	Minimum	45	45	45	37	39	42	64	63	48	36	61	60	60	42	48	52	69	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§§
Allentown Arpt.[1-4 NE.	Maximum	82	61	73	72	71	69	83	92	82	72	88	82	81	65	77	77	78	85	66	60	74	75	84	91	95	92	92	88	86	84	....	79.2
	Minimum	51	48	45	52	46	44	53	62	53	45	57	65	65	55	55	50	56	61	54	53	59	55	50	55	61	65	63	61	64	68	....	55.7
Allentown /-	Maximum	82	70	71	70	70	69	83	90	80	71	88	82	82	68	74	77	78	79	70	64	75	75	83	88	92	91	91	89	84	84	....	79 0
	Minimum	64	48	45	50	46	45	52	60	66	47	53	60	67	57	55	48	55	60	58	52	53	58	49	55	60	66	65	70	63	66	....	56.4
Altoona-4.5 W	Maximum	79	68	67	65	67	72	84	85	80	70	86	79	76	70	68	72	82	80	74	65	70	70	80	85	86	85	84	83	81	85	....	76.6
	Minimum	62	48	39	40	40	39	55	66	59	36	50	62	61	52	51	51	58	62	49	50	58	55	48	52	58	56	61	58	61	58	....	53.2
Arendtsville /-	Maximum	83	66	72	71	72	66	85	90	83	74	91	82	79	60	70	79	85	87	57	65	70	77	84	89	91	90	89	88	85	85	....	78 8
	Minimum	59	51	43	52	42	43	54	64	64	42	51	63	65	59	52	54	56	62	56	51	54	53	52	51	58	57	60	63	64	64	....	55.3
Beavertown	Maximum	72	64	70	75	70	71	85	89	90	88	88	88	75	79	74	77	81	84	70	60	74	74	81	85	89	90	86	91	87	83	....	80.0
	Minimum	45	38	51	39	51	39	50	63	74	39	53	65	65	50	55	63	60	67	51	52	59	52	66	48	57	53	58	60	63	63	....	55.0
Berwick	Maximum	85	61	71	71	69	67	83	90	84	77	89	89	82	79	78	82	76	85	75	63	72	76	82	87	94	93	91	90	84	85	....	80.5
	Minimum	59	51	43	46	43	42	51	63	61	42	56	65	66	51	58	55	59	67	54	58	59	54	50	53	61	63	65	65	65	66	....	56.2
Bethlehem[1]	Maximum	82	57	73	70	70	69	84	91	81	70	88	82	81	68	74	77	79	86	63	59	73	74	87	91	96	92	90	90	83	85	....	78 8
	Minimum	51	46	46	55	48	48	55	66	56	48	57	66	66	54	55	49	56	62	54	51	58	58	52	59	65	68	68	67	65	67	....	57.2
Blairsville[1-6 NE.	Maximum	68	57	62	61	63	69	78	79	68	74	82	74	70	65	74	78	79	75	61	83	68	66	78	79	85	85	81	82	83	87	....	73 8
	Minimum	56	46	43	42	42	46	61	64	47	41	55	62	59	51	50	54	62	61	51	52	56	53	55	59	63	63	62	60	63	63	....	54.7
Bradford-4 W	Maximum	78	59	60	62	65	63	77	81	78	65	82	76	76	72	72	80	79	75	64	77	79	69	81	83	85	85	85	84	82	87	....	75.4
	Minimum	45	44	33	31	31	32	49	55	46	31	49	59	56	37	50	46	58	59	45	53	53	47	40	48	55	51	56	58	58	57	....	47.7
Brookville[1-1.5 SW.	Maximum	68	59	65	63	65	69	79	82	68	72	84	75	75	70	75	82	78	74	58	82	70	70	83	84	85	88	86	84	86	88	....	75.6
	Minimum	52	44	41	36	34	33	57	59	43	35	51	63	55	50	53	48	62	49	49	52	58	50	45	50	54	54	61	60	60	59	....	50.6
Burnt Cabins[1-2 NE	Maximum	82	63	72	68	69	70	88	90	78	74	91	84	80	64	74	76	88	86	65	67	77	75	82	87	88	89	89	88	90	88	....	79.4
	Minimum	63	51	40	40	39	36	53	63	55	37	50	64	63	52	52	53	60	65	51	52	54	52	44	47	54	54	58	62	66	60	....	53.0
Butler	Maximum	84	60	64	64	68	69	78	83	81	81	82	88	80	71	70	87	85	83	72	78	82	74	83	85	90	90	92	90	90	92	....	79.9
	Minimum	60	42	45	36	39	38	55	67	45	32	53	61	63	56	55	51	52	70	50	52	59	52	50	49	52	53	65	67	61	61	....	53.0
Canton /-1 NW	Maximum	67	53	67	65	67	58	77	84	73	66	83	79	77	66	78	73	77	78	67	60	73	69	81	87	86	87	87	84	84	81	....	74.5
	Minimum	56	44	39	42	42	40	42	55	58	40	46	55	62	43	50	52	57	60	46	48	51	51	49	55	60	60	64	59	63	59	....	51.6
Carlisle	Maximum	82	70	70	71	72	64	85	90	85	73	92	83	78	72	72	77	82	85	70	64	71	72	80	85	89	88	88	85	84	82	....	78.7
	Minimum	65	51	45	50	49	48	55	65	70	42	54	64	60	55	55	57	60	68	52	52	54	50	52	54	60	62	64	67	67	67	....	57.6
Chambersburg[6-1 SW.	Maximum	83	65	71	71	72	69	85	90	82	74	93	82	80	68	74	78	86	87	67	66	73	75	83	87	89	90	88	89	88	87	....	79.8
	Minimum	62	50	43	47	41	41	55	64	62	41	52	64	64	53	53	55	58	66	51	51	61	55	48	50	55	57	60	62	63	61	....	54.8
Clarion[6-3 SW	Maximum	76	63	65	66	68	74	82	84	69	74	86	76	77	73	77	84	80	76	67	85	77	73	84	87	89	91	88	87	88	89	....	78.5
	Minimum	54	48	40	35	36	36	50	57	49	34	50	60	61	50	53	49	59	64	48	52	56	48	41	51	55	51	61	61	61	59	....	51.0
Claysville /-	Maximum	69	65	65	67	68	77	81	83	73	78	84	80	76	76	79	84	82	82	74	86	73	73	82	85	85	87	85	85	88	87	....	78.6
	Minimum	59	54	42	38	38	41	55	64	53	38	40	67	62	60	54	55	65	68	58	58	60	49	50	52	53	59	59	61	60	61	....	54.4
Coalport /-	Maximum	71	59	66	64	67	71	82	85	74	75	85	82	75	62	70	76	82	78	54	76	71	70	83	86	88	90	86	85	83	86	....	76.1
	Minimum	48	49	39	35	34	32	38	58	52	35	36	53	56	55	52	46	47	61	49	49	53	53	44	45	48	52	58	56	57	58	....	48.3
Coatesville /-	Maximum	85	58	76	70	71	71	83	89	82	72	85	84	80	64	75	71	81	88	62	64	77	77	83	88	90	89	89	87	83	83	....	78.6
	Minimum	56	45	48	52	50	48	56	60	65	45	52	61	66	58	54	45	54	68	57	49	64	54	48	47	54	62	64	67	65	66	....	56.0
Columbia	Maximum	86	71	75	75	76	73	87	93	85	81	92	86	85	76	75	79	88	90	78	68	77	80	86	91	94	94	92	89	81	84	....	82.9
	Minimum	62	48	48	55	48	48	58	54	62	44	57	57	57	54	53	53	59	67	55	52	61	56	51	53	59	61	67	67	66	61	....	56.4
Corry	Maximum	71	62	62	63	65	67	78	81	73	67	82	79	75	74	75	82	78	74	64	82	74	70	82	85	85	87	88	85	88	90	....	76.1
	Minimum	46	46	37	35	34	36	54	60	48	35	52	61	60	39	53	50	62	59	49	53	55	49	45	52	57	57	61	57	58	56	....	50.5
Coudersport	Maximum	81	55	62	62	67	65	79	83	59	67	83	79	79	75	72	79	78	78	65	65	72	70	83	86	87	89	88	83	81	84	....	75.2
	Minimum	45	45	33	33	35	32	48	58	34	31	48	59	51	41	52	51	50	51	42	52	56	47	42	47	52	52	58	58	56	52	....	47.0
Curwensville[1-6 NW	Maximum	65	54	62	61	63	62	79	90	68	69	81	71	74	59	68	73	77	75	54	72	67	66	76	82	84	84	81	81	79	83	....	71.7
	Minimum	50	40	36	38	35	38	56	55	41	37	53	60	57	48	50	53	58	53	43	48	54	46	47	53	57	57	56	56	60	60	....	49.8
Derry	Maximum	75	64	65	66	68	75	84	85	83	79	86	79	74	71	82	86	84	80	72	89	84	74	84	85	91	90	87	88	87	90	....	80.2
	Minimum	64	51	42	40	43	40	62	70	58	38	53	67	62	60	51	60	67	73	58	58	60	50	56	54	56	59	63	61	61	61	....	56.6
Donegal[1]	Maximum	70	60	61	62	62	74	82	81	72	78	85	78	72	72	76	80	81	79	66	85	69	68	79	84	86	85	80	83	84	84	....	75 9
	Minimum	58	47	38	38	33	35	52	61	48	33	49	63	59	53	45	50	62	65	54	53	57	50	44	47	48	53	54	54	54	55	....	50 2
Donora[1]	Maximum	74	66	69	69	72	80	86	88	78	82	90	83	79	77	84	88	85	85	72	91	75	75	83	87	90	92	90	90	90	91	....	82.0
	Minimum	62	55	49	44	43	48	63	69	62	46	57	70	65	60	55	59	70	72	61	63	65	57	57	58	62	65	67	65	67	67	....	60.1
Eagles Mere /-	Maximum	65	47	64	63	65	63	74	83	71	63	82	77	74	60	65	72	74	72	60	58	62	65	78	80	86	83	81	79	77	76	....	70.6
	Minimum	56	45	41	40	41	43	41	52	54	40	40	52	60	44	47	51	52	55	46	46	46	52	51	53	58	64	64	61	61	64	....	50.7
East Waterford[6-3 E	Maximum	72	60	66	64	64	59	79	84	74	67	84	74	72	65	66	68	77	76	61	57	68	66	76	81	82	85	82	80	81	79	....	72.3
	Minimum	60	47	45	46	45	48	59	67	60	44	57	61	60	49	48	54	57	61	46	47	56	56	54	64	66	68	66	63	63	63	....	56.0
Ebensburg /-	Maximum	68	57	60	61	61	71	78	79	68	72	80	70	70	65	71	74	77	74	62	77	67	66	79	82	84	85	81	80	81	84	....	72 8
	Minimum	61	46	40	38	39	39	51	66	55	37	52	61	60	53	51	52	60	67	48	48	56	53	48	53	57	57	59	56	60	58	....	52.7
Emporium /-1 E.	Maximum	70	57	66	67	68	59	82	86	71	72	88	88	80	68	72	79	78	77	59	71	75	67	85	89	89	91	86	85	87	88	....	76.7
	Minimum	50	48	39	37	40	35	43	52	55	36	38	54	54	47	49	53	57	64	48	51	55	51	43	47	55	55	60	60	60	59	....	49.8
Ephrata	Maximum	85	71	73	72	73	71	86	92	90	80	92	87	81	79	76	79	84	89	80	63	71	77	84	90	94	93	92	90	84	83	....	82.0
	Minimum	65	48	49	56	48	46	55	65	65	46	57	65	67	53	53	50	58	68	54	51	61	57	50	54	61	65	67	68	67	66	....	57.8
Erie[1]	Maximum	49	60	60	62	63	70	79	80	63	70	81	76	69	66	66	87	79	73	67	79	68	69	78	82	88	86	84	84	83	88	....	73.6
	Minimum	45	48	51	47	50	54	65	63	53	46	65	60	54	49	54	61	64	56	54	58	59	58	61	69	68	75	71	69	70	69	....	58.9
Everett[1-0.5 SW.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§§
	Minimum	53	47	43	41	42	37	54	70	54	40	49	64	63	55	54	54	59	63	52	52	52	50	46	48	52	54	60	60	60	61	....	53 0
Farrell	Maximum	68	68	68	68	70	79	86	89	86	79	90	89	77	79	81	90	89	83	70	87	83	77	89	92	93	96	91	91	93	93	....	83.1
	Minimum	55	54	49	43	46	47	63	68	54	44	62	56	64	54	60	60	71	68	58	58	58	58	57	61	64	68	69	68	70	68	....	59.2
Ford City /-4 S	Maximum	75	61	66	66	69	75	83	85	71	77	87	81	76	72	78	84	82	78	60	87	74	70	84	86	88	89	87	87	88	89	....	78.5
	Minimum	48	52	46	39	40	39	43	65	55	40	43	62	61	56	56	52	58	66	52	50	58	52	50	53	55	57	65	63	61	60	....	53.2
Franklin /-	Maximum	67	65	65	66	67	73	80	84	67	74	87	78	79	76	77	82	81	74	58	85	73	74	85	86	85	89	86	88	90	91	....	77.7
	Minimum	49	50	44	39	40	40	43	60	54	40	41	62	64	54	56	54	55	65	53	50	56	52	51	51	54	58	59	63	63	61	....	52.7
Fredericksville-1 S.	Maximum	80	66	70	68	68	65	80	86	78	71	85	81	78	74	73	74	76	86	69	58	73	73	81	86	89	87	86	84	82	82	....	77.0
	Minimum	60	46	43	51	40	40	48	69	60	47	47	63	62	51	51	41	48	63	51	50	57	56	55	59	58	61	70	65	61	65	....	54.6
Freeland	Maximum	79	79	64	65	65	61	76	85	82	81	82	82	76	68	72	71	73	78	77	77	76	75	80	81	87	85	85	80	81	78	....	76.7
	Minimum	58	45	41	45	43	47	52	66	58	40	55	59	61	47	50	50	54	60	48	48	52	50	50	60	59	66	64	63	61	62	....	53.8
George School[6]	Maximum	85	61	71	66	70	70	83	89	83	74	85	82	82	75	72	77	77	89	75	61	75	78	82	88	90	90	90	88	84	78	....	79.0
	Minimum	61	47	45	53	46	44	55	65	67	46	58	64	67	52	49	48	52	69	55	52	59	58	50	55	59	62	67	66	67	65	....	56.8
Gettysburg	Maximum	81	73	70	69	70	68	82	89	87	77	88	88	77	75	67	76	82	86	80	63	70	74	79	85	87	87	85	83	81	80	....	78.6
	Minimum	65	50	48	53	48	48	57	66	66	47	57	65	66	56	53	56	61	70	54	58	61	59	54	54	60	61	65	67	67	66	....	58.6
Gordon	Maximum	78	65	72	69	66	62	82	90	86	74	89	80	78	75	78	78	80	83	72	59	71	70	83	86	91	90	89	82	83	83	....	78 1
	Minimum	61	48	37	40	36	37	47	58	60	36	54	63	64	50	50	52	54	62	53	51	51	47	47	46	54	56	60	62	61	54	....	51.7
Greensburg-2 S	Maximum	79	64	66	66	68	74	82	83	80	77	84	79	75	74	79	85	82	82	76	87	86	72	82	84	87	88	85	84	86	89	....	79.5
	Minimum	63	53	43	35	36	37	52	64	54	59	46	66	62	59	56	50	65	71	58	61	64	50	48	50	60	64	57	62	63	65	....	55.9
Hanover /-	Maximum	82	63	72	71	73	66	84	91	90	72	89	83	81	62	71	79	83	87	58	67	73	77	83	88	91	89	90	87	85	84	....	79.0
	Minimum	66	49	48	54	48	47	57	65	66	50	55	62	66	61	53	56	60	64	57	53	54	59	53	55	62	67	67	68	67	67	....	58.5
Harrisburg Arpt. [1-3.5 S.	Maximum	82	64	73	70	72	69	85	92	81	75	93	84	82	67	74	80	82	88	64	63	72	73	82	92	94	92	91	88	80	84	....	79.6
	Minimum	59	51	47	51	49	50	56	65	59	47	59	65	65	53	56	57	59	64	52	52	61	59	52	54	63	62	68	68	67	67	....	57.9
Hawley-0.5 E	Maximum	70	56	73	68	70	64	81	90	76	73	86	84	79	61	77	80	85	80	73	60	70	70	84	87	91	93	90	83	83	83	....	77.3
	Minimum	58	47	38	42	37	35	45	57	52	37	52	61	61	44	50	49	49	59	46	48	56	49	44	50	56	60	59	60	59	61	....	50.5
Hewitt-2 SW	Maximum	84	69	71	75	68	80	89	90	93	75	74	90	78	68	71	75	83	83	69	68	75	70	81	85	87	89	89	88	87	85	....	79.6
	Minimum	54	53	40	39	38	44	50	62	61	37	40	46	62	57	55	54	55	54	53	53	54	53	43	44	45	49	53	59	56	57	....	51.2
Holtwood[1]	Maximum	82	63	71	68	68	68	84	90	81	72	88	82	81	69	70	73	84	85	66	64	73	79	81	82	90	90	89	85	81	82	....	78 0
	Minimum	63	51	55	55	50	50	57	62	62	50	57	67	69	55	57	56	63	66	55	55	63	59	55	57	63	66	66	68	68	68	....	59.6
Huntingdon	Maximum	86	64	70	67	69	67	88	90	80	75	90	82	78	76	72	75	84	84	69	66	74	72	82	87	89	92	88	87	85	88	....	79.2
	Minimum	47	52	42	40	40	38	53	67	56	38	49	66	64	54	56	51	59	66	52	52	62	52	48	51	57	56	60	62	66	64	....	54.0

Continued on page 47.

Daily Temperatures for June 1946 –Continued from page 46.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	82	64	69	65	66	73	82	84	83	76	85	80	74	76	76	82	82	85	75	87	86	73	82	84	89	89	88	88	85	89		80.0
	Minimum																											66	61	63	64		55
Irwin	Maximum	83	63	66	67	67	74	83	85	82	79	86	85	76	74	80	85	84	83	79	87	87	75	84	84	88	91	91	88	87	90		81.1
	Minimum	62	52	47	38	40	42	57	66	59	39	53	66	62	61	51	55	65	71	56	59	61	54	52	51	61	69	66	67	66	68		57.3
Jamestown/-2 NW	Maximum	57	66	66	67	68	75	82	85	64	73	88	80	80	76	78	85	82	72	60	85	75	78	85	87	85	88	85	87	90	90		77.9
	Minimum	48	47	42	39	37	41	51	64	53	36	50	61	63	49	53	55	63	66	53	50	53	48	50	56	59	63	64	59	61	61		53.2
Johnstown/	Maximum	76	63	70	66	68	77	88	88	76	80	90	81	77	69	79	80	80	83	63	81	74	71	85	89	92	92	88	88	86	93		79.9
	Minimum	64	52	44	43	43	40	57	69	61	47	52	68	64	61	57	54	65	73	58	55	63	59	50	57	57	58	61	60	62	62		57.2
Kane[1-1 N	Maximum	65	57	62	62	65	61	79	82	64	69	83	78	75	70	70	79	78	72	59	76	69	69	82	86	86	86	86	84	84	82	87	74.0
	Minimum	47	39	30	29	29	30	45	56	35	29	50	59	47	39	47	46	57	54	45	52	50	42	38	45	50	50	58	57	54	51		45.3
Lancaster	Maximum	82	73	73	73	74	71	84	91	87	82	90	88	81	79	74	77	83	87	82	63	76	76	85	88	90	88	88	85	80	81		81.0
	Minimum	58	47	47	52	44	41	50	58	58	42	50	62	63	51	50	47	54	62	55	47	58	52	47	49	55	60	58	62	61	61		54.4
Lawrenceville	Maximum	76	57	62	66	67	65	81	87	69	70	86	83	79	74	79	80	81	76	72	68	76	71	84	87	90	93	88	88	89	89		77.8
	Minimum	45	46	40	40	40	37	51	60	53	36	54	63	62	45	55	54	63	56	45	55	59	53	48	53	61	58	62	61	62	60		52.6
Lebanon	Maximum	85	62	74	71	70	68	85	92	87	75	90	83	81	61	77	88	84	86	58	65	77	75	85	89	92	92	93	86	84	84		80.0
	Minimum	65	50	46	52	46	45	54	60	63	45	55	64	64	60	53	54	57	62	55	51	53	55	49	55	60	65	65	70	65	65		56.8
Lewistown/-2 SW	Maximum	79	64	71	70	71	64	87	90	80	75	91	83	81	61	74	77	81	86	56	62	76	75	85	90	91	93	90	88	89	87		78.9
	Minimum	58	53	44	44	43	42	45	54	60	44	47	55	56	57	55	55	62	62	53	51	54	55	50	55	54	58	59	64	65	64		53.9
Lock Haven[6]	Maximum	80	58	72	70	73	69	86	89	83	72	88	82	82	80	76	78	82	82	69	65	75	72	85	90	93	93	89	88	90	87		79.9
	Minimum	57	50	44	43	42	41	53	64	58	40	53	65	66	51	56	50	60	67	54	54	60	54	50	53	61	59	65	64	64	63		55.4
Marcus Hook[1]	Maximum	75	69	80	77	78	85	89	97	90	77	89	84	88	83	82	90	94	100	75	66	79	86	87	93	94	98	96	92	92	86		85.7
	Minimum	65	59	67	64	69	70	74	78	64	65	69	75	75	60	62	65	76	66	58	48	57	60	63	66	69	84	82	78	73	78		68.0
Martinsburg[1]	Maximum	70	60	66	62	64	70	82	84	72	71	85	76	73	62	68	70	80	80	60	66	70	68	81	85	86	87	84	85	84	85		74.5
	Minimum	54	48	41	43	44	39	59	62	50	41	54	63	59	53	52	56	59	60	50	51	57	54	49	53	58	58	62	61	63	59		53.7
Mauch Chunk-1 SW	Maximum	82	65	69	67	69	67	81	88	80	79	83	85	80	64	77	81	77	85	67	60	70	73	80	85	88	89	89	84	84	83		§77.7
	Minimum	59	49	38	46	41	36	48	58	61	42	52	63	64	52	50	45	58	55	54	53	57	51	43	47	55	57	58	62	60	63		§52.4
Meadville/-1 S	Maximum	54	65	63	65	66	72	80	82	63	71	86	79	76	77	76	83	79	70	60	84	73	74	83	86	85	88	83	86	89	89		76.2
	Minimum	50	47	40	38	37	40	51	61	51	39	48	63	62	44	55	53	60	59	53	52	54	50	51	55	57	58	65	60	62	60		52.5
Mercer[1-2.5 NE	Maximum	65	65	61	64	65	72	79	82	64	72	83	74	77	71	74	81	79	74	58	82	71	71	82	84	84	87	83	84	86	88		75.4
	Minimum	50	48	41	38	38	41	56	64	45	37	55	61	55	50	54	55	64	58	49	53	54	50	51	55	60	62	64	63	62	62		53.0
Middletown[1-1.5 W	Maximum	85	64	72	70	71	69	89	90	80	76	91	81	80	67	73	80	82	88	67	64	70	72	82	88	92	91	91	83	81	83		79.2
	Minimum	56	49	45	44	48	49	54	64	58	46	57	66	64	53	54	55	58	64	52	53	60	54	51	52	61	64	69	68	66	68		56.7
Midland[6]	Maximum	72	66	64	64	69	76	83	86	74	76	87	82	75	76	81	84	82	78	79	87	76	74	83	86	87	91	85	88	89	89		79.6
	Minimum	55	51	46	42	42	46	56	62	54	42	53	65	62	60	57	52	64	65	54	57	59	54	56	56	59	60	58	65	65	65		56.1
Montrose/-3 E	Maximum	65	52	65	62	65	57	75	83	65	68	80	78	73	65	74	74	78	71	70	59	72	63	80	83	86	86	85	83	84	80		72.6
	Minimum	55	47	41	44	40	43	46	52	57	40	45	56	62	43	50	52	55	57	45	49	51	55	52	54	61	65	65	59	59	62		52.1
Mt. Pocono[1-2 N	Maximum	71	54	66	64	65	61	76	84	71	66	81	77	74	62	70	71	76	77	60	55	66	67	78	82	85	83	83	78	78	76		71.9
	Minimum	46	41	36	43	40	39	48	60	45	40	55	60	62	45	48	44	51	52	47	49	54	46	46	53	61	60	60	60	58	62		50.4
New Bloomfield	Maximum	82	70	73	71	73	65	86	91	84	75	92	85	76	76	78	80	84	86	73	60	73	74	85	89	92	91	90	89	86	84		§80.4
	Minimum	63	50	39	42	39	39	50	60	58	39	50	64	49	48	50	52	58	64	50	49	58	45	50	46	55	54	60	63	64	60		§52.3
Newburg[1-3.5 NW	Maximum	82	65	75	70	71	70	85	90	81	74	92	84	82	64	75	81	86	86	62	78	76	76	85	89	90	90	89	88	88	86		80.3
	Minimum	60	48	42	44	44	40	52	68	54	39	51	64	62	52	53	52	61	58	50	50	54	52	50	51	58	58	60	63	62	60		53.7
New Castle-1.5 N	Maximum	83	67	67	66	69	77	83	86	76	77	87	78	77	77	78	85	82	80	70	87	83	76	86	88	88	91	88	88	89	91		80.7
	Minimum	52	51	43	38	40	43	59	65	47	39	57	60	63	53	53	54	65	66	52	56	55	51	52	51	54	61	66	65	62	63		54.5
Palmerton[1]	Maximum	77	59	70	68	68	65	79	89	78	71	86	81	78	66	72	75	74	85	64	58	74	71	82	87	89	89	89	82	82	79		76.2
	Minimum	52	48	41	49	42	39	52	63	51	42	57	65	66	54	53	48	56	60	54	53	58	52	46	52	58	62	63	64	62	66		54.3
Park Place[1-1 NW	Maximum	71	55	66	64	65	60	76	84	76	65	84	76	73	55	69	71	75	79	57	56	65	65	73	82	84	85	82	79	79	76		71.6
	Minimum	51	43	40	45	42	45	52	65	45	41	55	61	54	48	50	49	53	52	46	47	54	54	51	61	65	71	63	62	61	63		53.1
Phila. Arpt.[1-7 SW	Maximum	87	56	73	71	70	72	86	91	85	72	87	81	83	70	72	79	80	89	66	62	76	78	82	89	92	92	91	90	81	82		79.5
	Minimum	53	50	51	55	51	49	55	64	58	51	59	67	69	55	55	52	57	66	53	53	62	61	56	59	62	69	69	70	69	69		59.0
Philadelphia C.O.[1]	Maximum	85	56	71	66	71	72	83	90	84	72	85	79	82	72	72	77	78	87	68	61	76	78	83	90	91	90	90	88	81	81		78.6
	Minimum	53	50	55	56	53	55	59	68	59	54	60	66	70	54	56	56	57	68	55	53	61	66	62	65	70	72	70	69	71	69		61.1
Phila. Shawmont	Maximum	88	85	74	70	70	70	85	89	90	84	87	86	82	81	70	87	79	89	74	62	75	78	84	89	92	90	90	90	88	87		82.2
	Minimum	61	50	49	54	47	46	54	52	63	46	55	66	63	59	53	47	57	68	58	53	61	66	52	54	57	65	68	70	70	67		57.7
Philipsburg[1-7 E	Maximum	71	56	65	63	64	65	81	82	70	68	82	75	75	57	66	71	77	76	55	60	68	67	77	83	83	85	80	79	78	82		72.0
	Minimum	49	40	31	35	32	28	58	60	41	30	48	59	53	47	51	55	60	54	45	49	57	42	40	45	50	51	55	52	57	53		47.6
Phoenixville-1.5 SE	Maximum	88	70	74	78	73	77	91	96	93	89	91	91	89	82	74	77	81	91	78	67	78	81	83	89	91	91	91	89	85	85		83.8
	Minimum	65	49	48	55	46	43	52	60	63	42	55	66	66	57	54	46	55	68	57	53	61	55	49	52	50	64	65	70	67	68		56.7
Pittsburgh Arpt.[1-7.5 SE	Maximum	71	63	65	66	69	76	83	85	75	80	86	81	74	72	76	86	83	81	66	87	72	75	84	86	89	91	87	87	86	91		79.1
	Minimum	56	52	50	46	47	47	60	66	52	46	56	65	62	56	54	58	66	65	55	58	61	56	57	63	62	66	64	63	62	65		57.9
Pittsburgh City Office[1]	Maximum	73	64	66	66	70	78	85	87	74	80	88	85	78	75	79	85	83	81	65	89	76	75	85	88	90	91	88	89	88	90		80.4
	Minimum	57	54	51	47	48	50	65	71	54	47	60	70	64	58	57	58	70	65	54	60	63	60	59	61	64	66	68	68	69	67		60.2
Port Clinton/	Maximum	79	62	70	69	70	63	85	90	80	70	69	81	69	61	75	75	80	86	59	65	72	71	85	90	91	92	91	86	84	84		76.8
	Minimum	49	49	41	49	42	41	50	66	60	40	47	64	65	55	54	47	54	58	55	51	52	51	46	50	57	61	62	70	63	60		53.6
Putneyville-2.5 SE	Maximum	80	60	64	64	66	68	69	81	78	76	86	86	78	71	72	82	82	84	65	82	70	70	84	90	84	94	85	90	89	87		77.9
	Minimum	58	48	40	33	34	36	36	53	50	35	51	62	60	51	52	51	61	65	47	51	57	48	47	52	54	55	63	59	59	59		50.9
Quakertown-0.5 E	Maximum	83	71	70	69	70	69	81	87	85	76	84	81	80	76	71	75	77	87	75	65	79	76	80	86	90	88	89	88	82	82		79.1
	Minimum	53	46	43	53	43	40	48	66	60	43	55	63	59	54	52	50	58	64	52	50	55	50	48	55	46	52	52	53	56	55		54.5
Reading[1]	Maximum	84	61	72	72	72	68	84	92	82	72	91	81	81	68	75	78	80	88	63	62	75	75	84	90	93	92	91	86	85	84		79.4
	Minimum	57	49	50	52	50	49	57	70	58	50	60	67	67	53	57	51	58	63	54	52	61	60	54	58	64	70	71	65	67	68		58.7
Ridgway/	Maximum	68	59	63	68	68	60	82	85	71	73	86	80	80	69	76	83	78	75	56	78	78	75	85	89	89	91	88	87	86	90		77.2
	Minimum	47	47	36	31	38	31	37	59	50	34	37	61	60	44	52	45	55	65	50	47	54	45	43	48	53	51	58	58	56	57		48.3
Scranton[1]	Maximum	72	55	69	66	68	61	79	89	72	69	88	83	78	62	78	79	78	78	69	62	70	67	81	86	92	91	88	84	85	83		76.1
	Minimum	54	48	43	47	43	42	51	64	52	46	59	65	57	49	54	54	59	58	52	54	60	55	48	55	63	65	65	62	61	65		55.0
Selinsgrove	Maximum	79	62	69	68	70	66	83	88	85	76	89	86	79	75	75	75	80	85	67	61	70	71	82	88	89	88	88	87	84	82		78.2
	Minimum	57	50	40	43	42	40	51	62	62	39	53	63	64	51	55	54	57	64	49	50	58	52	46	49	58	57	62	70	63	64		54.2
Somerset	Maximum	77	63	62	62	63	71	80	80	78	77	83	78	73	67	71	75	78	80	74	84	82	67	79	85	84	85	84	83	83	84		76.4
	Minimum	62	50	40	35	37	35	49	61	58	38	47	63	60	55	58	49	62	73	54	52	58	53	42	46	49	51	49	53	56	54		51.5
Springs[6-1 SW	Maximum	67	63	61	59	60	68	78	79	71	75	81	73	72	62	68	72	78	79	66	81	69	66	68	79	81	82	80	80	81	78		72.6
	Minimum	56	49	37	35	35	34	51	65	51	34	42	63	59	54	52	50	58	64	52	50	55	50	43	55	46	52	52	53	56	55		50.3
State College[1]	Maximum	71	58	68	67	68	57	85	85	74	73	85	80	77	57	71	74	80	74	58	60	72	69	82	88	89	90	87	86	86	86		75.2
	Minimum	57	48	41	43	48	48	57	73	60	41	50	59	57	52	54	55	63	58	49	52	60	56	51	54	61	61	64	62	65	63		55.4
Stroudsburg-2 E	Maximum	86	70	76	74	73	72	82	92	91	88	86	88	85	81	79	80	80	86	80	66	77	75	91	90	96	95	92	92	86	86		83.2
	Minimum	61	48	41	47	42	37	49	60	58	39	55	63	65	51	48	54	51	63	50	55	58	50	45	50	57	62	61	59	64	66		53.6
Tamarack/-2 S	Maximum	66	51	63	62	64	58	77	88	67	68	81	77	74	56	68	71	75	71	52	61	68	65	79	82	83	84	86	80	83	84		71.3
	Minimum	55	44	43	40	38	39	45	57	54	39	42	56	60	46	49	51	54	60	47	45	49	51	50	52	59	61	63	57	59	61		50.9
Tionesta/-1.5 SE	Maximum	66	64	63	64	65	68	80	83	64	72	84	77	76	74	78	83	79	71	57	83	71	72	84	86	85	89	86	85	90	89		76.3
	Minimum	51	48	40	38	37	38	43	57	52	38	40	59	62	46	54	53	59	65	50	47	55	50	47	50	51	56	61	61	61	60		50.7
Titusville-2 S	Maximum	76	63	63	64	64	65	76	80	76	67	83	78	72	72	74	78	76	73	64	80	76	68	78	83	83	84	85	83	87	83		75.1
	Minimum	49	47	37	33	36	39	57	65	49	33	56	62	59	42	52	70	72	63	50	52	53	49	46	52	56	60	62	60	61	56		52.6
Towanda-1 E	Maximum	75	54	70	67	69	62	80	88	78	70	87	83	79	67	79	80	79	79	71	68	77	68	83	90	92	92	88	87	89	88		78.0
	Minimum	47	47	40	41	41	36	49	59	55	36	55	62	61	43	50	52	58	58	45	53	59	51	46	50	60	59	62	61	62	62		52.0
Tunkhannock	Maximum	82	54	69	67	69	67	80	88	71	70	87	82	84	72	77	79	82	80	71	69	74	74	82	88	92	92	89	85	85	85		78.2
	Minimum	51	50	40	43	40	39	48	58	64	41	55	61	63	45	51	55	59	61	46	52	59	52	48	54	59	60	65	61	60	62		53.4

Continued on page 48.

Daily Temperatures for June 1946—Continued from page 47.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	79	66	64	68	69	77	84	87	82	81	89	81	86	77	80	87	85	87	78	89	86	74	83	87	89	90	88	88	88	90	...	81.8
	Minimum	65	53	51	41	41	45	62	70	62	44	53	63	63	63	53	58	67	73	62	63	62	56	52	55	58	62	62	62	63	64	..	58.3
Vandergrift[1]	Maximum	74	62	68	68	70	72	84	87	76	80	89	82	76	73	81	88	85	82	75	89	77	75	85	87	91	92	90	90	90	91	....	81.0
	Minimum	59	49	48	40	40	40	60	68	56	42	53	62	64	59	56	54	66	69	52	57	63	55	52	56	60	60	67	65	64	63	....	56.6
Warren	Maximum	78	64	66	67	69	62	84	87	67	70	87	83	79	78	79	85	79	74	61	85	78	72	86	91	90	92	91	89	92	92	....	79.2
	Minimum	47	47	41	38	38	38	52	60	46	38	54	61	60	42	53	52	62	59	50	54	55	50	48	54	59	57	61	61	62	60	....	52.0
Waynesburg	Maximum	80	64	65	65	69	75	83	83	81	79	81	81	76	73	80	84	82	85	77	86	84	73	82	86	87	89	85	85	87	86	...	79.8
	Minimum	59	54	44	38	38	43	55	68	60	40	51	66	62	60	55	55	65	72	61	64	61	53	49	52	56	58	59	58	61	62	....	56.0
Wellsboro/	Maximum	62	55	66	67	69	62	81	85	69	69	84	82	78	67	77	79	82	75	70	62	75	68	83	89	89	90	86	87	88	88	....	76.1
	Minimum	47	45	37	36	35	33	40	52	50	33	38	58	62	43	45	51	58	60	43	46	53	49	43	48	48	55	56	57	59	57	..	47.9
West Chester	Maximum	86	68	72	68	69	71	84	89	85	75	84	81	80	75	71	77	79	87	70	61	75	77	80	87	90	88	89	87	82	82	....	79.0
	Minimum	64	57	50	52	46	46	54	64	65	48	54	64	66	51	52	49	54	68	53	50	60	57	53	56	61	65	66	69	67	67	....	57.6
Wilkes-Barre[1] Apt. 3N.	Maximum	74	57	69	68	69	65	79	89	76	70	88	83	80	62	78	83	78	85	69	62	74	73	85	89	95	92	92	86	86	86	....	78.1§
	Minimum	55	50	44	51	43	40	52	64	47	43	57	65	56	51	54	56	59	58	54	53	57	53	48	54	60	63	65	64	62	66	....	54.8§
Williamsport Arpt.[1-4 E]	Maximum	73	60	70	67	69	60	83	88	75	68	87	82	80	62	76	78	79	83	63	61	75	70	84	89	91	91	85	87	85	85	....	76.9
	Minimum	52	44	44	43	45	40	52	61	48	41	64	63	58	49	56	56	61	57	53	54	60	53	51	53	61	59	64	64	66	74	....	54.9
Williamstown	Maximum	83	68	71	69	68	66	83	89	87	78	90	87	80	72	75	77	81	81	77	59	71	71	82	87	91	90	90	89	84	83	....	79.3
	Minimum	65	49	40	40	40	38	50	60	61	42	55	64	64	53	55	55	56	63	52	50	59	49	49	47	56	57	60	66	63	64	....	54.2
Woodward Apt[1-2 NE.]	Maximum	70	52	65	62	65	58	79	81	73	67	82	75	73	55	67	69	73	77	52	58	67	64	75	80	85	86	83	81	80	81	....	71.2
	Minimum	49	44	42	42	40	45	56	61	46	40	54	60	55	49	50	54	58	51	44	47	54	54	54	54	61	65	65	63	60	63	....	53.0
York-3 SW	Maximum	88	76	75	76	74	73	86	91	90	87	91	90	83	85	78	80	85	88	85	66	75	76	84	91	94	93	94	87	83	86	..	83.7
	Minimum	64	50	45	54	44	44	54	62	64	48	58	66	67	54	54	51	60	67	56	53	62	55	48	51	57	59	63	65	66	64	...	56.7

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.42	10	29.71	13	7.9	29	sw.	18	81	67	73	63	98
Harrisburg	30.44	10	29.70	2	6.8	26	sw.	29	79	56	66	64	50
Philadelphia	30.43	10	29.71	2	7.8	24	sw.	28	78	54	65	56	38
Philipsburg	30.45	10	29.75	13	.....	32[a]	sw.	8	86	66	77	.....	187
Pittsburgh	30.41	10	29.76	2	9.4	36	n.	29	82	56	63	61	43
Reading	30.44	10	29.74	2	9.0	34	nw.	4	73	.....	.....	61	53
Scranton	30.42	10	29.73	18	5.9	32	nw.	11	79	57†	....	41	91

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. ‡ 4:00 p. m. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.7	7.4	3	2.4	25†	18
Easton	Delaware	4.7	11.2	4	1.8	28	22
Lehighton	Lehigh	4.2	6.8	3	3.1	28	9
Reading	Schuylkill	5.8	11.8	2	4.2	28	13
Wilkes-Barre	N. Br. Susquehanna	7.6	17.0	3	3.8	28	22
Williamsport	W. Br. Susquehanna	6.0	11.1	3	2.9	28	20
Newport	Juniata	7.1	15.0	3	4.7	30	22
Harrisburg	Susquehanna	6.0	11.1	4	4.2	29	17
Schenley, (nr) Lock No. 5.	Allegheny	16.9	23.6	3	13.6	28	24
Sutersville	Youghiogheny	5.7	13.2	3	3.9	12	20
Charleroi (nr.), Lock No. 4	Monongahela	14.3	27.3	3	11.7	10	30
Pittsburgh	Ohio	*	24.0	3	*	.....	25
Midland, Dam No. 7	Ohio	*	30.1	3	*	.....	30

* Pool stage.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																															
Fog, heavy	5	6	7	7	3	3	3	....	4	..	5	4	6	4	.....	5	11	11	..	10	5	9	4	6	3	8	10	..			
Frost, killing																															
Glaze																															
Hail				3	1	....	6	1	1	3	..														1	3	2	..	1	..	
Rain, heavy	11	..								1	..																				
Sleet																															
Snow, heavy																															
Thunderstorms	1	1	..	15	2	..	5	30	4	1	4	6	14	13	0	5	..	16	25	24	3	26	11	..	..	..	..	10	35	27	37	6	..
Winds, high	3	..	..	3	..	..	5	17	9	..	24	4	4	..	..	..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	5	..	..

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).

[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.

Italics, data interpolated.

§ Partly interpolated.

§§ Incomplete.

† And other dates.

†† Daily amounts inconsistent.

‡ Received too late to be included in means and summaries.

* Included in next measurement.

// Windshield on gage.

/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

(W. B. O., Philadelphia—8-27-46—975)

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CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LI. JULY 1946. No. 7.

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GENERAL SUMMARY.

The mid-point of the meteorological summer has been reached and, as July was the fourth consecutive month with temperatures below normal, it appears that Pennsylvania is experiencing another cool summer. Although precipitation was just under the monthly normal, the growing season has had an excess of 2.72 inches. This combination has been favorable for the growth of corn, potatoes and tobacco, while tomatoes, grapes and most vegetables, have suffered. Generally, a long season (late frost) will be needed to offset the slow growth so far this year.

The frequency of thunderstorms was about one every other day, a rather high average. They were reported generally on the 1st-2d, 8th to 12th, 19th to 25th and 30th-31st. Four deaths from lightning occurred at widely scattered places, but damage from thunderstorms was not very great. Since the contrast of high surface temperatures and sub-freezing aloft was lacking, very little hail was reported.

After dusk on the evening of the 26th, residents of the Commonwealth witnessed another brilliant display of the aurora borealis, that had been preceded a few days earlier by observation of a huge sunspot crossing the sun. The northern lights reached a peak of activity and brilliance shortly after 10 p.m., as long streaks of white illuminated the sky southward beyond the zenith, while pink and purple tints colored the northern horizon. The display subsided before midnight, only to reappear about an hour later and achieve a new brilliance.

Another highlight was the rainstorm on the 31st in the vicinity of Wilkes-Barre. The Weather Bureau Office at the Wilkes-Barre Airport, Forty Fort, measured 7.62 inches of precipitation in 24 hours, and 5.55 inches was measured by the river observer in the city. These values constitute new, all-time records for the area. The bulk of the rain occurred in less than eight hours and caused much damage, as choked storm sewers could not handle the deluge. Cellars were flooded and traffic was tied up. Huge piles of silt were left, as the water drained off, and the area was cleaned. The residents had little time to prepare for flooding of this type in contrast to the preparation possible when the Susquehanna River goes on a rampage. Some stated that their damage was heavier than in a major flood. The river at Wilkes-Barre rose only three feet from a stage of 2.4 feet.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 85 stations was 70.7°, which is 1.5° below the 59-year normal for July. The highest monthly mean was 78.3° at Marcus Hook and the lowest was 63.2° at Kane. Extremes ranged from a maximum of 101° at Marcus Hook on the 7th to a minimum of 34° at Kane on the 16th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 212 stations, was 4.05 inches, which is 0.23 inch below the 59-year normal for July. The greatest monthly amount was 12.27 inches at Wilkes-Barre, while the least was 0.84 inch at Mercersburg. The greatest amount recorded in any 24 consecutive hours was 7.62 inches at Wilkes-Barre on the 31st.

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	69.2	97	38	3.45	.....	8	15	10	6
1889	71.6	96	39	6.80	.....	13	12	10	9
1890	70.7	101	33	3.52	.....	8	13	11	7
1891	67.8	97	34	6.32	.....	13	11	10	10
1892	73.1	103	38	3.93	.....	10	15	11	5
1893	72.1	102	36	3.15	.....	10	15	12	4
1894	73.8	103	31	2.32	.....	7	15	11	5
1895	69.1	102	34	3.24	.....	9	12	12	7
1896	72.8	98	40	6.89	.....	14	10	11	10
1897	73.4	103	41	6.26	.....	14	10	11	10
1898	74.8	107	33	3.36	.....	9	12	12	7
1899	72.3	101	35	3.91	.....	10	12	11	8
1900	74.0	104	35	4.86	.....	11	14	12	5
1901	76.4	107	45	3.88	.....	11	10	13	8
1902	71.8	99	41	6.04	.....	15	10	12	9
1903	71.2	98	35	5.36	.....	12	13	12	6
1904	70.6	99	34	4.68	.....	13	12	11	8
1905	72.6	99	39	4.87	.....	15	10	12	9
1906	71.3	95	38	4.31	.....	10	12	13	6
1907	71.5	96	34	3.84	.....	10	15	12	4
1908	73.9	104	39	4.81	.....	11	14	12	5
1909	69.7	98	34	2.14	.....	7	16	11	4
1910	72.8	99	41	2.42	.....	7	16	11	4
1911	73.7	105	36	2.81	.....	8	16	11	4
1912	71.3	100	36	5.29	.....	11	12	11	8
1913	71.8	101	40	4.16	.....	11	15	10	6
1914	71.3	101	38	4.19	.....	12	12	11	8
1915	70.7	98	40	5.28	.....	15	10	13	8
1916	74.3	98	37	4.45	.....	10	14	10	7
1917	72.1	105	40	4.33	.....	13	12	12	7
1918	70.1	99	35	3.05	.....	9	16	10	5
1919	72.6	104	34	5.90	.....	11	16	8	7
1920	69.5	96	33	4.37	.....	11	15	10	6
1921	75.9	104	45	4.13	.....	10	15	11	5
1922	71.9	98	38	3.68	.....	9	14	10	7
1923	71.0	100	32	4.24	.....	11	15	9	7
1924	69.7	97	34	3.42	.....	9	17	10	4
1925	70.5	101	32	5.57	.....	12	13	11	7
1926	71.8	105	35	3.82	.....	10	15	9	7
1927	71.7	100	29	4.97	.....	12	14	11	6
1928	72.8	96	40	5.44	.....	13	16	9	6
1929	71.8	99	33	2.81	.....	8	18	9	4
1930	73.0	106	33	2.23	.....	7	19	8	4
1931	75.2	105	39	5.28	.....	12	15	10	6
1932	72.0	100	36	3.39	.....	10	16	10	5
1933	72.5	104	35	4.26	.....	8	17	9	5
1934	75.5	107	40	4.01	.....	9	17	10	4
1935	75.0	104	42	5.63	.....	12	15	10	6
1936	73.5	111	37	2.88	.....	8	18	9	4
1937	72.4	101	37	4.47	.....	12	14	10	7
1938	73.2	100	40	4.81	.....	12	13	10	8
1939	71.7	100	36	3.12	.....	9	14	11	6
1940	72.3	105	33	3.25	.....	10	15	10	6
1941	73.1	104	29	5.11	.....	12	11	11	9
1942	72.5	102	35	5.16	.....	13	11	12	8
1943	72.6	100	31	4.47	.....	12	12	12	7
1944	72.2	100	37	2.39	.....	8	15	12	4
1945	70.4	103	32	5.75	.....	14	8	10	13
1946	70.7	101	34	4.05	.....	9	16	9	6
Period	72.2	111	29	4.28	.....	11	14	11	6

Climatological Data for July 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	73.9	+0.3	94	19	50	17	6.64	+2.03	2.77	1-2	0	10	13	7	11	sw.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	69.2	−1.7	92	19	42	16†	2.49	−1.45	0.99	1	0	8	23	7	1	e.	City of Altoona.
Burnt Cabins-2 NE.	Fulton	990	4	71.4	.....	98	19	42	16	1.99	.....	0.84	1-2	0	9	22	4	5	s.	Penna. Turnpike Comm.
Canton-1 NW.	Bradford	1,450	6	68.4	.....	92	19	44	16	8.14	.....	2.71	20-21	0	9	16	11	4	w.	Mrs. E. Dillon Stone.
Carlisle	Cumberland	473	77	73.5	−1.5	94	19	51	16	6.30	+2.40	2.27	22-23	0	9	23	6	2	se.	Clarence E. Miller.
Chambersburg-1 SW.	Franklin	600	50	73.4	−1.4	100	19	48	17†	2.25	−1.51	1.47	20	0	9	19	10	2	s.	Charles A. Bender.
Coatesville	Chester	431	58	73.4	−1.5	96	20	48	17†	6.04	+1.38	4.04	22-23	0	6	16	5	10	sw.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	3	66.4	.....	86	9†	44	2	6.10	.....	3.14	31-1	0	12	12	11	8	nw.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	67.4	.....	87	19	48	16†	2.87	−2.08	1.01	22-23	0	10	14	13	4	s.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	70.2	.....	88	19	51	16	2.89	−0.81	0.90	31-1	0	9	13	10	8	sw.	U. S. Weather Bureau.
Emporium-1 E.	Cameron	1,100	59	68.8	−1.0	91	19	40	16	4.48	+0.09	1.67	23	0	11	24	2	5	se.	R. E. Palmateer.
Ephrata	Lancaster	365	48	75.3	+0.3	96	19	52	16	3.88	−0.76	1.33	21-22	0	6	22	5	4	s.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	71.2	−0.5	97	19	42	16	1.70	−2.21	1.75	31	0	6	8	21	2	.....	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	70.0	+0.9	90	19	49	16	5.27	+0.06	1.84	22-23	0	9	9	3	19	w.	Andrew B. Evansha.
George School	Bucks	184	39	73.0	−1.3	95	20	49	17†	6.83	+2.20	2.20	22-23	0	7	21	7	3	w.	George M. Hart.
Gettysburg	Adams	500	72	73.5	−1.1	93	19	52	17	2.28	−1.54	1.03	8	0	8	19	10	2	n.	Dr. Henry Stewart.
Gordon	Schuylkill	960	41	70.6	0.0	94	19	43	16†	2.95	−1.96	1.60	22-23	0	9	19	6	6	sw.	Miss Sallie M. Johnson.
Hanover	York	600	41	74.8	−1.0	94	8	53	16	3.37	−0.59	0.87	21	0	9	17	10	4	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	74.6	−0.2	96	19	52	16	3.36	−0.47	1.52	20-21	0	9	12	6	13	w.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	35	69.8	−0.6	96	19	43	16	5.64	+1.39	2.22	22-23	0	11	21	7	3	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	76.4	−0.7	93	19	59	16†	2.66	−1.27	1.38	22-23	0	7	14	13	4	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	58	72.2	−0.3	97	18†	43	16	3.36	−0.57	0.98	21	0	9	13	8	10	w.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	58	72.2	−2.0	93	7	46	16	3.54	−0.87	1.66	21-22	0	8	23	6	2	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	70.1	−0.5	96	19	44	16	6.77	+2.69	2.85	1-2	0	10	19	9	3	n.	Carlos P. Darling.
Lebanon	Lebanon	469	61	74.6	+0.4	96	19	50	16	4.39	−0.06	1.79	22-23	0	8	23	6	2	sw.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	7	73.2	.....	96	19	48	16	4.11	.....	2.63	31	0	9	16	12	3	w.	American Viscose Co.
Lock Haven	Clinton	557	54	72.6	−0.9	95	19	45	16	7.27	+3.20	3.76	31-1	0	9	22	7	2	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	78.3	−0.8	101	7	.....	.....	4.03	−0.25	2.08	22-23	0	7	17	6	8	sw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	70.1	.....	90	19	46	16†	3.13	...	1.02	1	0	11	8	13	10	s.	U. S. Weather Bureau
Montrose-3 E.	Susquehanna	1,176	40	68.1	−0.2	90	19	46	16	3.33	−0.72	1.54	31-1	0	10	18	4	9	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	66.6	+0.8	88	19	45	17	5.58	+0.44	2.80	22-23	0	11	8	16	7	n.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	70.6	−2.7	93	19	46	16	7.48	+2.82	3.28	22-23	0	10	22	6	3	s.	New Jersey Zinc Co.
Philadelphia, C. O.	Philadelphia	26	75	76.2	0.0	95	20	59	16	5.18	+1.03	3.44	22-23	0	8	13	9	9	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	64.7	.....	87	19	35	16	2.64	.....	0.76	1	0	9	12	10	9	s.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	74.6	−1.2	97	20	48	16†	4.62	−0.24	2.05	22-23	0	4	26	1	4	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	71.6	−1.8	93	19†	46	16	4.03	−0.87	1.45	1-2	0	7	21	5	5	s.	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	73.2	+0.5	94	20	45	16	10.46	+5.52	5.15	20-21	0	8	19	7	5	s.	John E. Benner.
Reading	Berks	273	75	75.3	+0.1	94	19	55	16	4.52	+0.26	2.77	22-23	0	7	13	9	9	s.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	72.1	+0.4	94	19	50	16	9.41	+5.38	3.09	1-2	0	12	14	10	7	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	71.4	−2.0	94	19	45	16	3.54	−0.50	2.12	31	0	13	11	18	2	s.	Dr. George E. Fisher.
State College	Centre	1,217	60	71.6	+0.6	92	19	47	16	4.70	+0.85	1.19	31	0	9	12	12	7	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	73.4	+1.4	95	20	45	16†	5.66	+0.54	1.61	20-21	0	8	19	3	9	nw.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	5	66.8	.....	85	19	46	2†	2.66	.....	1.21	1	0	8	14	12	5	w.	James E. Swartz.
Towanda-1 E.	Bradford	754	51	69.6	−1.0	94	19	45	16	6.19	+2.48	1.75	20-21	0	11	17	11	3	nw.	Mrs. M. Ordella Parks.
Wellsboro	Tioga	1,319	75	67.1	−1.7	92	19	40	16	3.32	−0.32	2.66	31-1	0	9	16	7	8	w.	M. S. Bliss.
West Chester	Chester	440	96	74.0	−0.4	94	20	54	16†	4.73	−0.04	2.45	22-23	0	8	16	10	5	sw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	7	72.9	.....	98	19	50	16†	12.27	.....	7.65	31	0	12	10	10	11	s.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	1	72.1	.....	96	19	47	16	4.16	.....	2.46	30-31	0	11	15	5	11	w.	U. S. Weather Bureau.
Williamstown	Dauphin	775	29	71.7	−0.9	93	19	45	16†	3.78	−0.75	1.58	21-22	0	7	4	24	3	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	69.0	.....	89	19	48	16	3.68	.....	1.89	31-1	0	11	13	9	9	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	75.2	+0.5	97	8†	47	16	2.95	−1.33	1.03	22-23	0	5	20	6	5	e.	York Water Co.
Division mean				**71.6**	.....	**101**	**7**	**35**	**16**	**4.66**	.....	**7.62**	**31**	**0**	**9**	**16**	**9**	**6**	s.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	68.9	.....	88	11	47	16	5.84	+1.23	2.75	20	0	13	9	8	14	s.	U. S. Weather Bureau.
Bradford-4 W.	McKean	1,680	28	65.4	−2.9	87	11†	37	16	3.50	−0.58	1.19	1-2	0	9	16	10	5	w.	City Water Dept.
Brookville Apt.-1.5 SW.	Jefferson	1,400	55	67.4	−0.7	90	11	40	16	3.09	−1.26	0.94	1	0	9	14	8	9	e.	Civil Aeronautics Authority
Butler	Butler	1,077	32	70.8	−1.6	96	12	41	3†	2.57	−1.67	0.80	20-21	0	8	19	11	1	.....	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	69.0	.....	94	11	41	16	2.35	−2.19	0.55	30-1	0	11	13	8	10	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	69.2	−3.7	93	11	44	27	1.32	−2.90	0.76	21	0	7	15	11	5	s.	Walter B. Paget.
Corry	Erie	1,410	31	66.4	−2.7	90	11	39	16	3.36	+0.24	1.18	19-20	0	10	22	3	6	sw.	J. Fred Kinley.
Coudersport	Potter	1,653	21	67.3	−0.8	90	19	37	16	2.43	−1.97	0.85	22-23	0	10	14	12	5	s.	Potter Enterprise.
Derry	Westmoreland	1,150	48	71.8	−0.9	94	11	46	27	6.64	+2.05	1.73	9	0	13	22	6	3	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	66.8	.....	92	11	40	22	10.16	.....	4.70	20	0	10	14	16	1	s.	Penna. Turnpike Comm.
Donora	Washington	761	19	74.4	−1.5	95	10†	53	26†	3.33	−0.12	1.02	1	0	12	16	9	6	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	67.8	−0.3	86	19	43	16	2.54	−1.58	0.74	1	0	11	4	21	6	s.	John L. McGough.
Farrell	Mercer	855	32	76.4	+2.8	99	11	49	27	1.48	−2.11	0.96	31	0	8	20	7	4	ne.	Sharon Steel Corporation
Ford City-4 S.	Armstrong	950	2	69.7	.....	92	11	45	16	3.91	.....	1.26	20-21	0	9	22	1	8	w.	U.S. Engineers.
Franklin	Venango	987	71	69.2	−1.5	92	9†	45	27†	1.39	−3.04	0.31	30	0	10	18	8	5	w.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	70.4	−2.1	92	10†	44	16	4.29	+0.49	1.22	20	0	10	23	1	7	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	71.8	+0.1	92	11	48	16	6.03	−1.99	1.85	1-2	0	11	21	7	3	s.	Indiana State Teachers Col.
Jamestown-2 NW.	Mercer	1,050	4	69.7	.....	94	11	41	16	1.58	+1.43	0.76	19-20	0	10	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	68	73.0	0.0	95	8†	46	16	2.34	−2.14	0.87	1-2	0	8	19	6	6	s.	Johnstown Tribune Pub. Co
Kane-1 N.	McKean	1,750	30	63.2	.....	87	11†	34	16	6.06	+1.89	1.42	22	0	12	17	5	9	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	68.2	−1.5	93	11	39	16	2.14	−2.01	1.10	19-20	0	6	16	9	6	sw.	City of Meadville.
Midland	Beaver	780	9	71.8	−1.4	95	11	50	26	3.85	−0.21	1.84	21-22	0	10	15	12	4	se.	Perry P. Campbell.
New Castle-1.5 N.	Lawrence	900	65	70.7	−1.9	94	18†	43	27	2.85	−1.33	1.63	30	0	8	12	11	8	s.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	12	73.0	0.0	95	11	52	16	2.70	−1.35	1.35	20	0	12	10	11	10	s.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	68.4	.....	90	10†	40	27	4.05	.....	2.18	20-21	0	8	8	7	16	ne.	U. S. Engineers.
Ridgway	Elk	1,385	38	67.7	−0.2	98	18	38	16	2.96	−1.29	1.40	30	0	8	19	5	7	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	67.0	−1.6	89	19	38	16†	3.75	−0.87	1.05	1-2	0	10	6	16	9	w.	D. L. Grove.
Springs-1 SW.	Somerset	2,500	26	65.2	−2.2	86	19	41	16†	3.55	−0.89	1.30	30	0	11	10	8	13	w.	Allen E. Yoder.
Tionesta-1.5 SE.	Forest	1,200	8	69.2	.....	94	8	44	16	2.96	−0.73	1.18	21-22	0	7	21	3	7	w.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	66.4	.....	87	11†	39	16	4.03	.....	1.04	19-20	0	12	6	21	4	se.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	73.6	+0.2	93	11	49	27	3.30	−1.51	1.29	31	0	12	15	11	5	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	73.2	−0.3	97	11	47	27	3.35	−0.74	0.50	22	0	10	12	16	3	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	69.8	0.0	93	11	44	16	3.51	−0.91	1.02	20-21	0	11	20	9	2	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	71.4	−2.0	93	10	46	27	3.05	−1.14	1.02	22	0	8	13	15	3	sw.	Thomas S. Knox.
Division mean				**69.4**	.....	**99**	**11**	**34**	**16**	**3.54**	.....	**4.70**	**20**	**0**	**10**	**15**	**10**	**6**	s.	
Lake Drainage																				
Albion	Erie	900	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles C. Gilbert.
Erie	Erie	705	72	72.1	+1.1	95	11	55	16	4.47	+1.46	1.61	19-20	0	11	15	10	6	w.	U. S. Weather Bureau.
State mean				**70.7**	**−1.5**	**101**	**7**	**34**	**16**	**4.05**	**−0.23**	**7.62**	**31**	**0**	**9**	**16**	**9**	**6**	s.	

[See page 56 for explanation of reference marks.]

Daily Precipitation for July 1946

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike		.87				.15	T.														.23	.71	1.72	.74								4.42
Equinunk[2]	Wayne		.72							.10	.03		.33	.05		.04						.23	1.01	1.11	.53								3.85
Hawley[2], 0.5 E	Wayne		1.35				.11	.02		.16	.18			.31		.01						T	.44	2.22	.76	.08							5.64
Hollisterville[2]	Wayne	.01	.87				.02	.01		.44				.19		.01	.02				.52	.04	.19	1.43	1.24	.04							5.03
Lakeville[2], 1 N	Wayne		1.39				.01	.03		.01	.01			.05									*	1.73	1.49								4.72
Matamoras[2]	Pike		.92																			.19	.51	1.81	.57								4.00
Milanville[2]	Wayne		.94				T.				T.					.05						.05	.88	1.36	1.05	T.							5.33
Mount Pocono[1], 2 N	Monroe	.25	.15				.30		.51		.07		.15			T.					.05	.81	1.38	1.90		.01	T.						5.58
Pecks Pond[2]	Pike		.34				T.							T.		.01						.02	.17	1.80	.75	.01							3.10
Pleasant Mount[1, 5], 1 W	Wayne	.52	.07						.04	.10						.06					.10	1.39	.75	1.41	.03							1.60	6.07
Stroudsburg, 2 E	Monroe	.10	1.23				.14			.47			.01			T.						1.61	.84	1.26		T.							5.66
Tanners Falls[1, 5], 1 SE	Wayne	.90	.70						.08				.05								.01	.08	.71	1.25								1.20	4.98
Wind Gap[1, 5], 3 SW	N'rthampton	.82	.91				.05		.30												2.88	.24	.66	1.62									7.48
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh	.80	2.47				.03		.14				.02			.01					1.10	.68	.84	1.05		T.							6.64
Allentown[2]	Lehigh	T.	1.38				.02			.79				T.			T.					1.28	.14	1.41	.69								5.71
Bethlehem[1]	N'rthampton	*	.76				.02		.46				.02			T.					1.10	.68	.84	1.05									4.93
Blakeslee Corners[1, 5]	Monroe	.05					.13		.03				.50	.05							.03	.89	.93	1.72	.04								4.37
Gouldsboro[2]	Wayne	.02	.22				.08	.09		.18				.28								.05	.93	2.88	.74	T.							5.47
Lansford[2]	Carbon	.05	.97							.39			T.	T.		T.						*	1.01	1.95	1.00	T.	T.						5.87
Mauch Chunk, 1 SW	Carbon	.40	1.05				.10			.35			.05	.67		.05						.90	.80	3.60		T.	T.						7.97
New Tripoli	Lehigh	T.	1.58				.06						.01	.01		.01					T.	1.14	.42	1.92		T.							5.15
Palmerton[1, 5]	Carbon	1.16	.66				.05		.02		T.		.60			.01					.90	.55	1.09	2.44		T.							7.48
Zionsville, 1 SW	Lehigh		1.00							.25												1.55	.90	2.40									6.10
SCHUYLKILL																																	
Conshohocken	Montgomery		.32							.03			.27	T.							.04	*	*	4.41									5.07
Fredericksville[2], 1 S	Berks		1.04							.02				.08			T.					.81	.48	1.90	.29								4.62
Geigertown[2]	Berks													.26								.33	.28	2.75									3.62
Gratersford[2]	Montgomery									.81				.34			.09					.94	.36	.82	1.47								4.83
Phoenixville[2], 1.5 SE	Chester		T.											.87			T.						.65	2.05	1.05								4.62
Port Clinton[2]	Schuylkill		1.45				.02							.06								.30	.85	1.10	.25								4.03
Pottstown[2], 0.5 S	Montgomery	.37												.52									.95	2.90	.39								5.13
Pottsville[2]	Schuylkill	.20	.09				T.							T.		T.	.04					.21	.27	2.54	.57		T.						3.92
Reading[1, 5]	Berks		.03				.01		T.				.21			T.					.44	1.00	1.55	1.28									4.52
Strausstown[2]	Berks	.01	3.08				.01							.11			.01					.25	.53	1.46	.30								5.76
Virginville[2]	Berks		1.34											.05			.03					1.13	.54	1.65	.24		T.						4.98
Wernersville	Berks	T.	.06				.01			.01			.27			.01					.10	1.31	.54	.54									2.88
LOWER DELAWARE																																	
Coatesville[2]	Chester	.11	.11	T.										.63								T.	.13	4.04	1.02								6.04
Doylestown	Bucks		.05				T.			.15			.03			.02					1.27	1.85	2.15	2.17		.04							7.73
George School[6]	Bucks		.52								T.		.02			.02					2.19	.72	1.16	2.20			T.						6.83
Maple Glen[7]	Montgomery		.69							.02			.08	T.			.02					.22	.75	4.00	.03								5.81
Marcus Hook[2]	Delaware	.25	.03				T.			.12				.24			T.						.55	2.08	.76								4.03
Philadelphia																																	
Southwest Airport, [1]	Philadelphia		.05			T.	T.		T.	T.		T.	.45			.04					.35	.88	2.98	1.62		T.					T.		6.37
City Office[1, 5]	Philadelphia		.07			T.							.32			.02					.66	.51	1.96	1.62		T.						.02	5.18
Shawmont	Philadelphia		.35							.10			.28								.10	2.00	2.95	1.88									7.66
Quakertown, 0.5 E	Bucks		.35				.01			.36			.05								1.18	5.15	.80	2.56									10.46
West Chester	Chester		.13							.59			.58	.02		.02						.23	.71	2.45									4.73
West Grove[2], 1.5 SE	Chester												.64	.32									.28	3.33	1.73								6.30
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	1.37									.15					.08					.93	1.47	*	.54						.14	.68	5.36
Covington[2]	Tioga		1.32							.24				.02		.12							.25	.96	.86	.22						.08	4.07
Lawrenceville	Tioga	1.75	1.10										.10			.24					.62	1.25	.22	.92		.12				T.	.45	6.77
NORTH BRANCH																																	
Berwick	Columbia		.38				.17		.69				.10			.04						.67	.21	1.24		.09						.02	3.61
Canton[2], 1 NW	Bradford		.89							.69	.85			T		.04						2.35	.36	1.81	.93						.22	8.14
Danville[2]	Montour		.37				.16	T		.22			.03	T.								.10	.35	.52	.20	.06	.06				.13	2.20
Freeland[2]	Luzerne	.03	.16				.28			1.23	T.			.20								.15	1.10	1.84	.28		T						5.27
Hop Bottom[2], 2 S	Susquehanna		.12					.10			*	.22				.76						.06		.05	.02	.01							1.34
Millville[1, 5]	Columbia	.62	.04				.09		.22				.29			.10					.10	.10	.32	.12	.10							1.70	3.80
Monroeton[2], 2 S	Bradford		.20					T.		.89	.25		.01	.59		.17	T.					1.67	.23	.87	.18							.58	5.59
Montrose[2], 3 E	Susquehanna		.78							.23	.05			.27		.10						.91	.32	.48	.12							.07	3.33
Orwell[2], 3 N	Bradford																																
Park Place[1], 1 NW	Schuylkill	.23	.28				.08		.07				.40			.05					.08	.22	1.01	1.20		.03						T.	3.65
Pikes Creek[1, 5]	Luzerne	2.52	.16						.08				.17			.03					.70	.04	.52	.40		.10						5.20	9.92
Rush[2]	Susquehanna		.35							.19	.10		.05	.26		.11						2.17	.42	.46	.35							.16	4.62
Scranton[1, 5]	Lackawanna	2.43	.66				.14		T.	.43			.11			.03				T.	.05	.03	1.48	1.14		.06						2.85	9.41
Susquehanna[2]	Susquehanna		.53							.17	T.		.08	.18		.03						.34	.04	.33	.17							T.	1.87
Towanda, 1 E	Bradford	T.	.26						1.14	1.10			.09			.15					.17	1.63	.12	.83	.02							.68	6.19
Tunkhannock	Wyoming		.51				.40				.11		.16			.10					T.	.41	.10	.75	.06	.04						.90	3.54
Wilkes-Barre[1], 3 N	Luzerne	1.74	.17				.05		.04	T.	T.		.05			.07					.15	.11	.34	1.65		.25						7.65	12.27
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga		2.03							.03												.45	.60	1.00	.32	.01							4.41
Carrolltown[2]	Cambria		.98								.18	T.	.08			.26	.05				.17	.33	.13	.47		.44						T.	3.09
Carter Camp[2]	Potter		1.86							.15						T.					.07	.07	.70	.66	.05	.02						T.	3.58
Cedar Run[2]	Lycoming		.80							.06	.36											.09	.12	.49	.01	.04						.11	2.08
Clearfield[2]	Clearfield		1.23								.09					.14	.02				T.	.21	.04	.64		.30	.01						2.68
Coalport[2]	Clearfield		1.00							T.	.28					*	.30					1.09	.10	.41			*						3.09
CurwensvilleApt[1] 6NW	Clearfield	.73								T.	T	.02	.01			.07				.07	.17	.04	2.58	.13	.03	.22						2.03	6.10
Driftwood[1, 5]	Cameron	.86																			*	.62	1.40	.53							.22	*	3.63
Dushore[1, 5]	Sullivan	.80							.05				.18			.04					.62	.05	.06	.64								1.45	3.89
Eagles Mere[2]	Sullivan		.32							.23		T.	.02	.53		.04						.12	T.	1.01	.09	.19						.32	2.87
Emporium[2], 1 E	Cameron		1.10								.10		.08			.02					.10	.45	.60	1.38	.29	.03						.33	4.48
English Center[1, 5]	Lycoming	.77							.04							.02					3.11	.09	.33	.80		.20					.16	.53	6.05
Galeton	Potter	2.05	.52						.19							.03					.30	.50	.10	.45		.06						.40	4.60

Continued on page 52.

Daily Precipitation for July 1946—Continued from page 51.

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																
Karthaus[2]	Clearfield		2.05				.03				.23					.12	.02				T.	.26	.20	.45	.09	.12						3.57
Lock Haven[2]	Clinton		1.20							1.69	2.91					.19	.01					.30		.53		.39					.05	7.27
Medix Run[1, 5]	Elk	.79											.03			.11				.06	.55	.77	1.58	.18		.14					.40	4.61
Philipsburg[1], 7 E	Centre	.76					T.			T			.01			.12				T	.56	.14	.06	.42	T.	.17					T.	.40	2.64
Renovo[2]	Clinton		.72				.02			.08	.03					.03	T					.28	.09	.88	T.							.30	2.43
State College[1, 5]	Centre	1.09				T.	T		T.	T			.01			.25					1.04	.13	.32	.41	T.	.26					1.19	4.70
Tamarack[2], 2 S	Clinton		1.21				T.	T.		.28						.03						.32	.43	.34	.02	T.						.02	2.65
Trout Run	Lycoming		1.23						*				*			*						.77	.17	.79		.24						.92	4.12
Tyrone [1, 5], 4 NE	Blair	1.37														.17					.17	.09	.08	.11								.31	2.30
Wellsboro[2]	Tioga		1.15							.09	.01					.08						.38	.64	.68	.37	T.						.02	3.32
Williamsport Apt.[1]-4 E	Lycoming	.38	T.				T.		.06				.25			.05					.12	.04	.39	.09		.11					1.08	1.59	4.16
Williamsport[2]	Lycoming		.47							.15			.01	.09		.06						.12	.03	.73		.09						.72	2.47
Williamsport[2], 4 SE	Lycoming		.40							.08			.01			.12	.01					.16	.03	.45		.14	T.					1.14	2.54
JUNIATA																																
Altoona, 4.5 W	Blair	.65	.34										.22			.18					.52		.10								.20	.28	2.49
Breezewood[1], 0.5 E	Bedford	.24	.02				.01		.05							.02					.01	.86	.02	.03							.08	1.34
Buffalo Mills[2]	Bedford	*	.26					.15								.10						.21	.11								.40	1.13
Burnt Cabins[1], 2 NE	Fulton	.77	.07				.03		.46							.10						.13	.35	.07							.01	1.99
East Waterford[2], 3 E	Juniata		.19					T		.16	T.		.82	T.		T.	.16					.59	.24	.54	.18	T.	T.					.01	2.89
Everett[2], 0.5 SW	Bedford		.38					.03		.12												.11	.91	.15									1.70
Huntingdon[2]	Huntingdon		.60							.08			.21			.14	T.				T.	.72	.98	.53	.03	.07	T.						3.36
Lewistown[2], 1 W	Mifflin		.37							1.05			.03			.07						.92	.68	.44	.50	.05	T.						4.11
Mapleton Depot[2]	Huntingdon		.42							1.35			.43			.03	.13				T.	.31	.22	.38	.28	T.						1.11	4.66
Martinsburg[1]	Blair	1.02	T.			.01	.13		.22				T			.22					.13	.67	.07	.02	.01	T.						.63	3.13
McConnellstown[2], 4NW	Huntingdon		1.12							.36			.15			.15	.14					.55	.51	.16	•	.05							3.19
Neffs Mills[1, 5], 3.5 NE	Huntingdon	*	*	1.20												.06					1.03	•	•	•		•	.55				•	•	2.84
New Bloomfield	Perry	.29	.12						.70				.67			.17					.06	1.95	.15	.65		T.						4.76
Newport[2]	Perry		.06							.10			T.	.32		T.	.22					.70	.80	.75	.80	T.	T.						3.75
Saxton[2], 1 W	Bedford		.46					.41		1.55						.05	.08					.07	.64	.27									3.53
Shade Gap[1, 5], 0.5 SW	Huntingdon	.81	.01						.29							.12						.67	.05	.02									1.97
LWR SUSQUEHANNA																																
Arendtsville[2]	Adams	.05	T.							1.97			.01	T.			.03					.29	1.19	.46	.07								4.07
Beavertown	Snyder		.15							.02			.02			.15					.21	.85	.12	.85	T.	.20							2.57
Bloserville, 1.5 N	Cumberland	T.	.06						T.	T.	T.		.77			.16					T.	.83	.07	1.08							T.	.04	3.01
Carlisle	Cumberland	.03	.03					T.	1.82				.76			.08					1.23	.08	.84	1.43							T.		6 30
Columbia	Lancaster								1.45				.80			T.						.45	1.13	.70									4.53
Dauphin[2], 3 N	Dauphin	T.	.42							.05			.41	.59		T	.12					.39	.69	.84	.71	T.	.02						4.24
Ephrata	Lancaster									.01			.62			.01						1.18	1.33	.73									3.88
Glen Rock[1, 5]	York	.19							.15				.36								.45	.20	.48	.55								.07	2.45
Gordon	Schuylkill	T.	.30				.06		.16				.02			.01						.70	.05	1.60		.05							2.95
Grantville, 2 SW	Dauphin	.02	.11						.05				1.17			.03					.02	1.49	.51	.49								3.89
Hanover[2]	York	.07	T.							.86		T.		.01			.03					.84	.87	.63	.05		.01						3.37
Harrisburg Apt[1], 5, 3.5 S	Dauphin	.04	.01						.09				.95			.01					.73	.82	.44	.27		T.					T.	3.36
Holtwood[2]	Lancaster	T.	.02	T.						.05				.12			T.					.27	.42	1.38	.40		T.						2.66
Huntsdale[2]	Cumberland		.10							.26				.17			.10					.19	.10	.28	.24								1.44
Kirkwood[1, 5], 1 SW	Lancaster																															
Lancaster	Lancaster	.04								.03			.47	.18		.02					T.	.33	1.66	.81								3.54
Lebanon[2]	Lebanon	.10	.15							.08				.83			T.					.40	.78	1.70	.35								4.39
Middletown[1], 1.5 W	Dauphin	T.	T.						T.				.54			T.					.43	.71	.68	.27		.02						.04	2.69
Millersburg[1, 5], 2 E	Dauphin	.22	.04						.54				.08			.10					.71	1.88	.47	.35								.97	5.36
Milroy[2]	Mifflin		.40										T.			.16						.30	.13	.41		.19							1.59
Newburg[1], 3.5 NW	Cumberland	.15					.02		.05				T.			.14						.10	1.56	.17								T.	2.19
New Park	York									.09				.78		.05					.04	.64	.40	1.83									4.03
Pine Grove[2], 1.5 NE	Schuylkill	.35	1.10				.01			T.			T.	.04		.09	.06					.33	.79	1.25	.63	T.							4.65
Selinsgrove	Snyder	.06	.22				.06		.07	.04			1.01			.01					.04	.42	.03	1.48		.10						•	3.54
Shamokin[2]	N'umberland		.09				.10			.04							T.					.17	.36	.71	.32	.06							1.85
Shippensburg	Cumberland	.02	.40							.77						.02					.64	.18	.31	.19							T.		2.53
Sunbury[2]	N'umberland		.26				T.	.03		1.37			T.	.39		.05	T.					.54	.28	.59	.35	.09	T.						3.95
Williamstown[2]	Dauphin		.26							.28				.10			.06						1.58	.98	.52		T.						3.78
Woodward[1], 2 NE	Centre	1.15	.01			T.			.41	.05			T.			.01					.12	.07	.28	.11	T.	.23					T.	1.24	3.68
York, 3 SW	York									.28				.31								.92	.41	1.03									2.95
York Haven[2]	York		.10							.19			T.	1.01			.05					1.67	.88	1.11	.17								5.18
Potomac Basin																																
Chambersburg[6], 1 SW	Franklin	.05						.01		.02			.02			.04					1.47	.45	.12	.07							T.		2.25
Gettysburg	Adams		.13						.08	.95			.03			.02						.52	.25	.30									2.28
Hewitt, 2 SW	Bedford							.84								.12					.51	.18	.11			.07					.07		1.90
Hyndman[2]	Bedford		1.50					1.21		.51						T.						T.	T.	T.		T.						T.	3.22
McConnellsburg[2]	Fulton		.29							T.			T.									.90	.50	T.								.98	2.67
Mercersburg[2]	Franklin		.34					T.									.01					.19	.21	.08			T.					.01	0.84
South Mt. San't'm[2]	Franklin	.46	.04							2.12					.02		.01					.81	.18	.36	.02		T.						4.02
GULF DRAINAGE *Ohio Basin*																																
ALLEGHENY																																
Acmetonia[2]	Allegheny	.07	.23								.40		.15			.48	.01				.01	.68	.04	.20		.15							2.42
Allens Mills[1, 5]	Jefferson	.60								1.28		.27	.02			.18				.19	.27	.56	.30		.17	.01					.10	3.95
Blairsville[1], 6 NE	Indiana	.84				T.	T			.36		.15	.01			.34					2.75	.14	.87	.20	.02	.05					.04	.07	5.84
Boswell[2], 6 NW	Somerset	.20	.91							.15			.07			.02	.02					.98	.63	.30	.20							.38	3.86
Bradford, 4 W	McKean	.30	.89						.06				.47									.97	.21	.11	T.	T	.19					.30	3.50
Brookville[1], 1.5 SW	Jefferson	.94										.15	T.			.14				.25	.37	.69	.20	T.	.24	T.						.11	3.09
Buckstown[1, 5]	Somerset	.49	.01													.03					.96	.05	.08								.03	.08	1.73
Clarion[2], 3 SW	Clarion	.07	.48							.08			.28	.01		.13					.25	.16	•	.43		.46							2.35
Corry	Erie	.68							.75				.13			.03					1.18	.05	.39	.01	.13							.01	3.36
Coudersport	Potter		.04						.03				.24			.04					.28	.64	.22	.85							.06	.02	2.42
Derry	W'moreland	.52	1.17							1.73		.43	.28			.24					.80	.29	•	.92		.02					.12	.12	6.64
Donegal[1]	W'moreland	1.34								.01		.82	.01			.18					4.70	1.40	.18		T.	T.					.85	.67	10.16
Dunlo[1, 5], 0.5 SW	Cambria	.66	.01													.20					.30	.21	.25								.72	.37	2.72
Ebensburg[2]	Cambria		.01									.31	T.			.13	.06				.07	.57	.22	.14	.19	.02						.09	2.54
Ford City[2], 4 S	Armstrong		.74										.67			.42					.07	1.26	.04	.10		.62						.02	3.91
Franklin[2]	Venango		.71										.22			.03					.26	.09	.14	.22		.05						.31	1.39
Glen Hazel[2], 1 NE	Elk	T.	.05							.02			.22								.36	.48	.80	.38		.04							3.67
Home[1, 5]	Indiana	.46	1.11							.25			.25	T.							•	2.16	.93	.10	.02	.57			.07		1.23	$5.86
Indiana	Indiana	1.04	.81						.04							.26					1.48	.69	.03	.70		.36					.38	.08	6.03
Johnstown[2], 0.5 W	Cambria		.87										.10			.36					.21	.13	.10	.18		T.						.16	2.34
Kane[1], 1 N	McKean	1.25									.57					.12	T.				.70	.67	1.42		.05						.10	.98	6.06
									.41			.22	.03			.01				.22												

Continued on page 53.

Daily Precipitation for July 1946—Continued from page 52

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kregar[1], 4.5 SE	W'moreland	.74	T.							.02		.08	.06			.17					1.76	.47	.38								.05	1.91	5.59
Lyeippus, 1.5 E	W'moreland	.40	.82							1.80			.14			.17					1.55	.60	.30	.17		T.					.95	.10	7.00
Marieuville[1, 5]	Forest																			45		.24	1.16									*	M
Meadville[2], 1 S	Crawford		.04										.14			T.					1.10	.31	.01	.54								T.	2.14
Mosgrove[2]	Armstrong		.07										.08			.26	T.				.06	.54	.97	.06		.26	T.						2.30
Parkers Landing[2]	Armstrong									.35			.40			.23					.71	.18	.37			.14						T.	2.38
Pittsburgh Cty Of[1, 5]	Allegheny	.10								T.		.17	.07			.35					.70	.37	.10		.02	T.					.22	.13	2.23
Port Allegany[2]	McKean		1.26							.56			.09	01		.04					.17	.28	1.14	.85		.07						.12	4.59
Punxsutawney[2]	Jefferson		.98								T.		.55			.27					.35	1.28	.25	1.20		.45							5.33
Putneyville[2], 2.5 SE	Armstrong		.58										.36			.30					.07	.98	1.20	.11		.45							4.05
Ridgway[2]	Elk		.29							.08			.06	T.		T					.13	.11	.63	.31		T.						1.40	2.96
Saltsburg[2]	Indiana		.76										.23	T.		.36	T.				.24	.65	.05	.82		.10						.09	3.30
Seward[2]	W'moreland		1.56								.11					.28	.05				.67	.76	.30	.36		.07						.14	4.30
Sheffield[1, 5], 6 W	Warren	.61							.10			.03	.01							.52	.46	.14	.10		.03						.31	.07	2.38
Smethport[1, 5], 1 SW	McKean	2.02							.64			.12								*	*	*	*	2.80	.06							.03	.36	6.03
Strongstown[1, 5]	Indiana	1.70										.02				.29					2.08	.17	.77	.18		.25						.05	.49	6.00
Tionesta[2], 1.5 SE	Forest		.11							.38			.20								.82	.09	1.18	T.					T.		T.	.18	2.96
Titusville, 2 S	Crawford	.45	.02						.27				1.02			.02				.02	1.04	.07	.01	T.	.02	.34						.75	4.03
Union City[1, 5]	Erie	.57							.71			.13								.70	.18		.52		.26								3.07
Vandergrift[1]	W'moreland	.43											.21			.42					.36	.25	.50	.12	T.	.31					.43	.32	3.35
Warren[2]	Warren		.44							.16			.38			.01					.52	1.02	.26	.01	.10	.21						.40	3.51
Youngsville[1, 5]	Warren	.78							.26			.37								.45	1.12			.51	.11						.16	.02	3.78
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.79	.23				T.		.14	.48		.15	T.			T.					.26	.55	.15	.14			.11					.10	3.10
Connellsville[2]	Fayette		.72					T.	T.	.56		.20				.10					2.10	1.41		1.58								.46	7.13
Donora[1]	Washington	1.02				T.						.18	.02			.14					.91	.37	.21	.12	.01	.02					.01	.32	3.33
Greensboro[2]	Greene		.59				.01		.88	.09			T.				.06					.78	.11	.09		.05	.20						.06	2.82
Greensburg, 2 S	W'moreland	.12	.68										.56			.20					1.22	.93	.07	.31		.01						.19	4.29
Irwin	W'moreland	.03	.69				T.			T.		.03	.21			.25					.83	.45	.04	1.34		.04						.17	.24	4.32
Meyersdale[2]	Somerset		.42							.27	.10		.04			T.	T.					.26	.12									.15	1.36
Murrysville // [1, 5]	W'moreland	.50								.11		.21	.01			.36					.49	.06	.49	.03	.05	.01						.14	.21	2.67
Pittsburgh Arpt // [1, 5]	Allegheny	.14					T.			.01		.20	.07			.19				T.	1.35	.34	.05	T.	.03	.01						11	.20	2.70
Rices Landing[2]	Greene		.48					T.					.21				.02				T.	.22	.73	.19		.04							.09	1.98
Somerset	Somerset	.88	.17			T.				.77			T.			.09					.19	.21	.18	.03							.21	1.02	3.75
Springs[6], 1 SW	Somerset	.37	.13		T.					.27			.12			.03					.37	.37	.05			.26					1.30	.23	3.55
Uniontown	Fayette	.21	.04			T.	.03				.23		.05			.10					.37	.28	.55	T.		.02					.13	1.29	3.30
Waynesburg	Greene		.39										.34									.48	.85	.17		.08					.38	.36	3.05
BEAVER																																	
Beaver Falls[2]	Beaver		.12							.92			.28	.01						T.		.21	.55	.57		.04	.02						2.72
Butler	Butler	T	.57							.30			.29								.28	.80	.12	.02		.19							2.57
Farrell[2]	Mercer	.13	.09										.07								.06	.08	.20	.79		.06							1.48
Greenville	Mercer	.03							.05				.35								.90	.08	1.04	.16	*	.25					.37	.82	4.05
Jamestown[2], 2 NW	Mercer	T.							.09	.03			.09			.01					.39	.37	.02	.20	.07	.31	T.						1.58
Mercer Arpt.[1], 2.5 NE	Mercer	.09							.44			.04				.06				.38	.03	.21	.24	.01	1.02	T.				.98	.03	3.53
New Castle[1], 1.5 N	Lawrence	.11		T.												.14				.08	.10	.60	.14		.05					1.63	T.	2.85
Pennline, 2, 1 S	Crawford	T	.11							.02			.33								.92	.30			.17							T.	1.85
OHIO																																	
Claysville[2]	Washington		.05							.02		.22										.76		.07		.13					.07	1.32
Coraopolis[2], 1 E	Allegheny		.10							.01		.27				.53	T.				.04	1.12	.12	.30		.08						.55	3.12
Midland[2]	Beaver		.02							.07		.49				.57	.02					.08	1.84	.52		.23	.01						3.85
Washington[1, 5]	Washington	.07										.26				.03					.12	.13	.20		.11	.01					.40	.15	1.48
LAKE DRAINAGE																																	
Albion	Erie																																
Erie[1, 5]	Erie	.11							.15			1.08			.01	.06				1.30	.31	.01	1.14		.24							.06	4.47
Raymond[1, 5]	Potter	1.68							.13			*	.13							.06	.51	.93	.47	.28	.11						.10	.23	4.63

[See page 56 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2], 1 SW.	Evaporation	.181	.045	.351	.245	.204	.094	.122	.304	.174	.164	.197	.085	.116	.357	.199	.010	.338	.210	.344	.141	.109	.248	.049	.204	.233	.213	.231	.224	.200	.199	.144	5.935
	Wind movement	10	46	30	36	23	32	12	23	15	18	20	30	30	18	22	25	18	17	18	30	23	27	10	19	26	38	31	28	18	13	22	728
Ford City[2], 4 S	Evaporation	.157	.232	.247	.231	.194	.231	.121	.192	.178	.194	.267	.305	.161	.217	.340	.142	.206	.200	.142	.162	.189	.059	.048	.226	.260	.197	.213	.202	.201	.166	.073	5.953
	Wind movement	7	29	33	32	23	31	5	1	23	10	5	18	39	35	17	24	16	18	19	26	7	11	8	22	29	45	25	9	11	8	2	588
Hawley[2], 1 S	Evaporation	.054	.278	.143	.208	.232	.240	.127	.274	.184	.171	.150	.162	.072	.235	.304	.259	.210	.228	.236	.290	.164	.136	.299	.050	.213	.244	.226	.208	.338	.139	.206	6.280
	Wind movement	47	152	49	24	25	62	55	51	56	45	67	3	42	29	92	55	23	28	27	107	33	53	25	25	29	31	85	28	41	66	50	1505
Jamestown[2], 2 NW	Evaporation	.186	.174	.229	.232	.222	.206	.172	.200	.105	.231	.217	.175	.210	.216	.240	.313	.257	.232	.216	.253	.034	.152	.082	.167	.277	.148	.210	.216	.209	.214	.145	6.140
	Wind movement	6	34	26	40	12	11	8	8	16	8	14	21	33	17	23	59	34	24	25	57	14	3	21	20	53	27	42	22	15	8	26	727
Neffs Mills[2], 3.5 NE.	Evaporation	.186	.122	.327	.258	.212	.224	.111	.234	.205	.174	.172	.195	.230	.217	.270	.200	.222	.246	.164	.077	.287	.129	.031	.164	.191	.392	*	.239	.222	.178	.148	6.027
	Wind movement	8	9	46	23	6	17	2	9	13	7	7	8	23	3	42	20	9	10	1	9	9	2	4	4	11	32	*	4	7	2	3	350

Italics mean minus quantity.

[See page 56 for explanation of other references.]

Daily Temperatures for July 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion	Maximum																																
	Minimum																																
Allentown Arpt.[1-4 NE.	Maximum	85	90	85	85	83	82	93	89	88	89	85	79	90	92	81	82	86	91	94	94	90	78	77	89	84	85	83	85	86	87	85	86.2
	Minimum	70	66	59	57	58	63	64	61	67	66	66	66	63	61	58	50	50	55	62	70	68	66	69	68	65	57	52	54	56	58	64	61.6
Allentown /.	Maximum	86	85	82	83	83	83	91	90	87	89	84	79	87	92	80	80	84	91	94	94	90	78	76	88	83	80	81	83	85	87	85	85.2
	Minimum	70	69	57	56	56	61	64	60	67	67	70	67	66	60	66	52	50	55	60	68	69	67	69	68	70	58	51	50	56	58	63	61.9
Altoona-4.5 W.	Maximum	86	79	76	78	76	82	88	87	85	83	85	81	84	88	79	76	82	86	92	85	80	77	83	87	80	75	78	80	83	84	74	81.9
	Minimum	60	50	47	49	50	60	65	65	62	63	60	66	55	56	63	42	47	53	62	69	63	62	65	60	59	48	42	48	51	55	57	56.6
Arendtsville /.	Maximum	85	85	82	82	84	85	92	93	88	88	89	85	89	90	76	80	87	90	95	94	89	80	84	89	84	80	82	84	86	88	85	86.1
	Minimum	66	68	61	56	55	63	68	63	66	62	66	69	60	57	67	54	49	53	60	67	67	66	68	62	66	57	50	54	52	55	60	60.9
Beavertown	Maximum	84	84	82	80	80	80	91	93	88	89	89	87	87	88	90	78	85	88	94	91	84	84	81	86	89	83	85	82	81	84	85	85.5
	Minimum	65	65	51	49	52	65	72	60	65	63	66	71	52	54	58	43	45	49	57	69	40	67	68	59	64	49	46	40	50	55	63	57.2
Berwick	Maximum	86	84	80	83	85	83	91	91	89	88	89	87	84	91	89	79	85	91	96	95	89	80	80	88	88	78	80	83	86	88	88	86.3
	Minimum	71	67	59	57	57	62	68	66	64	69	68	71	58	59	58	50	50	54	61	73	70	68	69	64	66	54	50	52	54	58	66	61.4
Bethlehem[1]	Maximum	86	85	80	86	81	82	90	89	87	90	82	78	90	92	88	80	90	92	93	97	89	75	74	88	83	80	82	86	85	87	83	85.3
	Minimum	59	68	61	57	58	62	66	68	66	70	66	67	67	61	63	57	64	60	66	70	69	66	65	67	66	59	58	55	58	62	62	63.3
Blairsville[1-6 NE.	Maximum	83	74	74	76	77	79	85	85	87	86	88	76	79	83	72	75	81	85	87	82	75	72	79	83	73	72	77	80	83	82	72	79.4
	Minimum	60	50	52	55	56	62	64	68	66	64	65	61	57	60	52	47	53	62	52	65	62	61	62	62	54	50	54	54	58	63	60	58.4
Bradford-4 W	Maximum	84	76	73	79	79	84	84	84	85	85	87	75	79	82	80	77	83	86	86	87	74	77	81	83	74	71	75	79	82	84	79	80.5
	Minimum	60	41	40	40	44	49	51	55	59	48	58	64	45	46	50	37	42	45	55	65	64	59	60	49	52	41	40	42	45	49	60	50.2
Brookville[1-1.5 SW.	Maximum	83	76	76	79	80	84	86	82	89	88	90	78	82	85	75	78	88	88	88	79	75	76	83	86	72	75	78	80	84	86	77	81.3
	Minimum	62	45	46	41	50	60	59	59	64	59	61	58	51	52	50	40	45	48	57	66	64	64	62	55	52	46	42	45	49	52	59	53.6
Burnt Cabins[1-2 NE.	Maximum	89	80	78	73	84	90	89	94	90	91	88	90	84	92	75	80	85	90	98	94	90	80	90	90	88	78	84	84	88	90	87	86.4
	Minimum	67	56	50	48	50	64	66	62	65	60	63	62	55	53	50	42	44	50	58	68	66	68	66	59	64	46	43	46	48	55	60	56.4
Butler	Maximum	92	83	79	85	83	82	92	92	92	95	95	96	95	81	81	77	83	87	92	92	83	84	88	86	90	76	78	87	86	89	88	86.6
	Minimum	61	42	41	46	47	58	65	61	65	60	59	67	51	52	53	45	42	51	64	71	63	65	60	56	63	45	41	48	47	55	60	54.9
Canton /-1 NW	Maximum	81	76	74	79	79	84	86	86	87	82	81	82	81	84	70	77	84	87	92	83	77	74	80	83	76	74	76	79	83	85	74	80.5
	Minimum	63	53	50	48	51	58	61	57	62	60	65	68	53	54	49	44	47	53	59	66	63	63	59	59	58	50	49	50	56	58	61	56.4
Carlisle.	Maximum	85	81	79	80	81	84	90	91	86	86	85	83	83	90	85	77	81	85	94	91	88	78	80	89	83	77	78	81	84	84	83	84.0
	Minimum	70	68	61	55	64	67	70	65	68	65	68	71	64	59	60	51	52	56	66	71	70	67	70	68	71	56	53	54	55	58	65	63.0
Chambersburg[6-1 SW.	Maximum	85	84	81	82	82	88	92	93	89	90	88	89	89	94	79	82	87	92	100	98	88	80	86	91	87	80	83	83	86	90	84	87 2
	Minimum	65	64	58	52	53	63	67	64	66	60	65	70	57	57	59	50	48	52	61	69	67	65	68	62	62	54	48	50	52	55	62	59.5
Clarion[6-3 SW	Maximum	86	79	79	81	84	87	90	84	92	91	94	86	85	89	78	81	87	90	91	81	76	78	85	89	72	76	82	84	87	89	74	83.9
	Minimum	63	43	44	47	50	54	59	61	62	56	60	65	50	54	55	41	46	49	59	58	65	64	61	55	58	44	43	47	50	54	59	54.1
Claysville /.	Maximum	82	77	78	80	82	79	89	90	91	92	93	79	83	87	75	82	86	89	92	85	78	76	84	88	77	75	80	84	86	85	70	83.0
	Minimum	65	46	48	48	52	52	59	63	63	61	57	59	50	53	56	48	48	50	60	70	65	64	56	57	64	46	44	50	52	56	59	55.5
Coalport /.	Maximum	87	80	77	82	80	87	90	86	90	85	87	86	89	80	79	82	85	91	90	87	79	74	84	85	78	77	80	82	87	89	81	83.7
	Minimum	61	48	46	44	45	49	58	59	59	63	61	51	51	52	56	39	42	44	47	56	65	63	61	57	56	47	43	43	47	46	52	52.0
Coatesville /.	Maximum	84	86	82	83	84	87	92	91	86	90	88	77	82	89	77	89	86	89	93	96	90	87	73	83	83	78	83	85	84	84	84	85.3
	Minimum	66	69	60	60	59	65	65	59	70	60	67	67	69	63	71	51	48	51	60	68	69	65	62	65	68	61	48	50	54	54	63	61.5
Columbia	Maximum	86	88	85	86	86	86	96	94	94	92	92	82	87	87	83	88	88	93	96	95	93	86	86	91	90	83	85	86	88	88	88	88.6
	Minimum	72	71	56	58	56	64	68	62	69	65	69	69	62	61	56	53	53	55	63	71	68	67	70	63	70	59	53	54	55	58	62	61.8
Corry	Maximum	81	71	74	80	81	86	89	83	85	86	90	84	81	85	78	77	83	88	89	86	79	79	82	85	67	71	76	81	85	85	75	81.4
	Minimum	63	43	42	43	47	52	61	57	61	48	56	64	47	44	51	39	42	47	58	65	62	60	57	49	56	41	41	48	47	50	58	51.4
Coudersport.	Maximum	86	84	86	81	79	84	87	85	87	86	86	85	85	85	78	77	83	88	90	88	78	76	81	85	83	74	71	73	84	85	74	82.4
	Minimum	51	48	48	67	59	60	47	46	61	56	60	66	49	46	50	37	40	43	52	64	63	61	58	53	55	43	44	40	42	51	58	52.2
Curwensville[1-6 NW.	Maximum	82	74	72	75	75	79	84	82	86	78	83	76	78	82	70	72	78	84	86	79	72	72	78	81	74	70	73	75	80	82	74	77.6
	Minimum	60	44	51	50	52	60	58	61	63	63	62	52	51	54	50	46	48	53	63	64	64	60	58	55	50	48	49	51	52	57	58	55.1
Derry	Maximum	86	78	80	82	84	82	88	90	90	90	94	81	85	88	81	82	87	90	92	84	86	80	84	89	80	76	83	85	87	85	75	84.6
	Minimum	72	52	49	49	54	64	66	66	67	64	65	67	54	56	63	47	55	56	62	70	65	65	65	60	68	49	46	51	54	59	58	59.1
Donegal[1]	Maximum	82	72	79	76	75	81	84	86	89	89	92	75	79	84	72	75	82	86	88	80	77	74	80	84	76	71	75	80	83	83	75	80.1
	Minimum	57	50	49	44	51	57	60	59	64	58	56	62	48	49	50	44	47	50	54	64	61	59	61	56	62	44	40	47	47	52	53	53.4
Donora[1]	Maximum	87	81	82	85	84	83	92	94	92	95	95	83	87	91	80	85	90	94	95	90	83	79	88	91	80	78	82	86	90	85	75	86.5
	Minimum	68	56	57	54	59	68	68	69	71	68	64	65	57	60	67	54	54	60	68	72	69	68	64	64	61	53	53	56	60	63	65	62.4
Eagles Mere /.	Maximum	75	74	72	74	74	75	83	81	80	80	77	76	80	82	69	75	80	83	87	80	77	73	73	80	72	72	74	72	80	81	75	77.0
	Minimum	65	68	51	56	56	57	59	64	62	62	62	64	55	54	53	48	48	58	60	65	65	65	59	59	60	50	50	53	57	58	61	57.9
East Waterford[6-3 E	Maximum	77	75	73	77	78	79	85	86	81	82	79	80	79	85	75	78	80	85	88	86	80	70	77	82	76	72	74	78	79	80	76	78.8
	Minimum	66	59	56	58	59	61	67	66	65	65	66	66	57	66	56	51	58	65	70	67	64	63	64	64	63	53	53	59	61	63	61	61.6
Ebensburg /.	Maximum	82	75	76	76	75	81	84	84	85	83	85	76	80	83	73	77	81	81	86	81	75	70	78	82	82	73	76	79	82	83	74	79.3
	Minimum	61	48	50	49	51	61	63	62	63	64	61	59	55	55	62	43	49	55	60	60	61	60	62	59	67	46	46	49	53	57	58	56.4
Emporium /-1 E.	Maximum	79	79	84	82	81	87	88	85	90	84	88	82	85	88	76	79	86	90	91	80	77	80	83	88	76	76	80	83	85	88	72	83.0
	Minimum	54	50	51	51	51	52	60	59	64	59	64	67	55	53	55	40	47	49	61	59	66	62	62	58	57	46	46	46	51	51	60	54.7
Ephrata	Maximum	86	86	84	84	84	86	93	92	90	92	89	86	88	93	87	81	88	91	96	96	91	83	83	90	86	82	82	85	87	88	87	87.6
	Minimum	70	72	61	57	58	65	67	64	70	66	71	68	63	60	64	52	53	56	63	72	68	66	69	67	69	58	58	54	56	58	64	63.0
Erie[1]	Maximum	86	72	74	77	85	83	88	87	82	83	95	76	78	83	68	73	80	85	93	73	77	83	79	89	69	72	75	83	83	85	72	80.3
	Minimum	63	58	58	60	63	66	70	72	68	64	71	68	64	61	57	55	60	64	72	68	66	69	67	69	59	57	57	60	66	67	65	63.9
Everett[1-0.5 - W.	Maximum	86	81	77	82	82	88	90	92	92	92	90	86	86	92	75	80	87	94	97	91	87	78	86	90	83	77	82	83	87	88	84	86.0
	Minimum	61	56	49	48	63	60	63	60	63	63	65	63	56	53	47	42	43	62	55	69	62	63	61	57	54	52	46	46	48	54	60	56.3
Farrell	Maximum	85	80	81	87	89	92	96	96	94	93	99	98	93	94	92	87	93	97	97	96	88	87	85	94	93	77	87	90	93	96	84	90.7
	Minimum	61	53	54	56	60	64	67	74	70	63	67	72	59	61	62	52	57	57	77	74	67	66	68	62	58	50	49	54	59	62	68	62.0
Ford City /-4 S.	Maximum	86	78	78	80	81	84	89	90	91	91	92	79	85	87	76	80	85	90	91	86	78	77	85	87	75	75	81	83	86	85	78	83.5
	Minimum	60	50	48	51	52	53	52	62	64	62	60	66	54	55	58	45	50	51	56	65	64	65	62	58	59	48	46	48	53	57	59	55.9
Franklin /.	Maximum	85	77	79	81	82	87	91	85	92	90	92	79	89	89	77	80	87	90	90	76	80	78	84	87	73	75	80	82	88	89	75	83.5
	Minimum	61	47	48	50	53	55	58	63	64	57	57	62	54	54	57	46	47	50	53	66	67	65	61	54	54	47	45	45	49	53	56	54.8
Fredericksville-1 S.	Maximum	82	82	73	82	80	80	88	83	85	88	85	75	85	87	76	76	74	78	90	94	87	75	78	86	80	77	78	81	82	84	82	81.7
	Minimum	68	67	58	56	55	55	61	57	69	60	70	67	60	54	59	49	56	60	57	66	66	62	66	66	65	54	66	68	62	71	59	61.6
Freeland	Maximum	76	76	76	79	77	77	85	83	81	82	81	76	81	84	85	76	81	85	90	87	87	73	75	83	80	80	75	77	82	84	80	80.5
	Minimum	66	59	52	54	58	57	64	60	64	65	65	61	56	60	58	49	51	60	66	69	65	62	63	64	59	52	52	54	59	61	62	59.4
George School[6]	Maximum	85	84	82	85	82	83	91	87	84	90	85	76	89	91	79	70	86	91	91	95	89	83	72	85	83	79	80	83	85	85	83	84.3
	Minimum	69	69	60	54	55	66	68	62	67	67	71	66	64	60	66	52	49	56	63	66	68	66	65	66	66	59	49	54	55	60	57	61.8
Gettysburg	Maximum	81	82	80	80	80	82	90	88	84	84	85	83	84	86	86	77	83	88	93	91	87	81	80	88	85	81	79	81	85	86	83	84.0
	Minimum	69	68	61	57	58	63	70	66	68	66	70	71	64	60	61	53	52	55	63	73	69	65	69	65	71	59	53	54	55	60	64	63.0
Gordon	Maximum	83	82	79	83	82	86	90	90	87	87	86	83	86	90	86	81	86	90	94	90	86	80	80	87	80	72	79	82	86	86	83	84.4
	Minimum	69	64	57	47	50	60	58	57	61	61	64	67	54	61	60	43	44	46	55	65	65	65	67	61	65	50	43	45	48	51	58	56.8
Greensburg-2 S	Maximum	84	78	77	81	82	83	82	89	90	92	92	82	84	88	78	84	85	88	90	88	79	77	84	86	82	76	82	83	86	87	75	83.7
	Minimum	59	66	48	45	53	62	60	62	66	61	55	65	52	51	61	44	46	54	56	68	64	66	68	57	65	45	50	48	53	60	62	57.0
Hanover /.	Maximum	85	85	81	83	85	86	93	94	86	88	85	83	86	90	75	80	86	89	93	93	90	81	84	89	82	80	79	83	84	86	85	85.5
	Minimum	65	70	62	61	59	66	68	67	69	66	68	71	63	63	70	53	57	59	64	71	69	68	68	68	69	66	70	60	63	68	65	64.0
Harrisburg Arpt. [1-3.5 S	Maximum	86	82	81	84	82	85	92	93	90	91	88	83	87	92	79	80	87	92	96	92	88	82	81	90	82	78	82	85	88	89	86	86.2
	Minimum	71	67	61	57	57	67	68	66	69	65	70	70	64	60	61	52	54	56	65	69	68	68	68	63	68	58	54	54	57	63	66	63.1
Hawley-0.5 E	Maximum	84	81	79	83	83	83	90	87	90	81	82	78	86	89	79	79	85	92	96	87	85	72	74	89	83	80	81	84	86	89	78	83.7
	Minimum	64	61	49	48	49	58	58	51	62	63	64	64	55	54	58	43	45	48	54	66	67	65	63	57	60	51	45	46	50	53	60	55.8
Hewitt-2 SW.	Maximum	87	85	80	80	87	80	90	80	88	89	88	87	86	90	75	79	82	95	95	89	78	80	88	89	86	70	80	81	85	85	86	84.5
	Minimum	60	62	46	49	47	51	60	57	66	62	59	63	50	49	49	41	40	47	69	64	69	59	65	66	69	49	40	44	54	60	54	55.5
Holtwood[1]	Maximum	84	82	82	84	82	84	90	90	86	91	90	79	84	91	77	81	86	91	93	91	90	84	84	99	81	79	81	88	86	87	82	85.5
	Minimum	74	68	64	62	66	73	68	73	70	73	73	70	66	64	59	61	64	70	72	72	71	70	69	70	64	59	59	63	64	67	67.2
Huntingdon	Maximum	85	82	78	82	82	84	91	91	90	89	89	86	87	91	83	80	86	97	97	90	85	79	84	89	84	77	80	84	87	88	84	85.8
	Minimum	64	58	52	49	55	63	65	63	65	64	65	70	55	53	59	43	50	61	61	70	66	65	66	62	63	49	47	48	51	55	61	58.6

Continued on page 55.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	88	78	78	79	81	82	89	88	89	90	92	96	83	87	78	80	86	88	90	91	77	78	84	87	85	79	81	84	85	85	74	84.0
	Minimum	66	50	52	54	57	67	64	66	67	65	66	67	54	58	60	48	55	62	63	69	65	63	63	60	61	49	49	51	56	60	62	59.7
Irwin	Maximum	87	84	81	84	83	83	88	90	90	93	94	94	85	87	88	83	86	91	91	91	81	79	84	88	88	77	83	85	87	87	79	86.2
	Minimum	68	58	59	56	54	68	68	69	70	71	72	69	63	62	66	61	65	69	70	70	68	67	66	66	66	5	62	64	66	66	62	64.9
Jamestown 2 NW	Maximum	85	77	78	82	84	88	92	87	89	87	94	80	84	90	79	80	87	92	93	77	83	80	85	91	70	75	82	85	89	89	82	84.4
	Minimum	66	47	48	46	54	58	57	63	61	51	61	65	48	54	55	41	48	51	60	68	64	62	66	58	60	43	43	48	54	57	59	55.0
Johnstown	Maximum	89	82	80	82	81	87	92	95	90	91	92	85	90	90	78	83	89	95	95	86	82	78	87	92	82	79	84	86	90	90	78	86.5
	Minimum	68	57	58	49	53	63	68	65	68	68	64	68	56	56	64	46	49	55	59	71	67	65	68	61	67	52	58	49	52	58	61	59.6
Kane 1 N	Maximum	83	74	74	79	79	83	85	79	86	86	87	75	81	83	70	78	85	86	87	78	72	70	81	84	68	70	77	79	82	84	68	79.3
	Minimum	51	38	36	38	42	60	51	52	55	52	52	50	46	45	42	34	39	42	52	61	66	59	55	47	48	36	36	40	44	46	56	47.0
Lancaster	Maximum	84	87	86	83	80	84	93	91	87	88	87	85	87	88	85	82	86	89	92	90	88	82	86	87	85	82	83	82	85	89	82	85.6
	Minimum	65	68	54	52	53	59	63	58	65	60	64	66	58	55	61	46	47	50	57	65	65	63	68	65	68	57	51	52	52	54	60	58.7
Lawrenceville	Maximum	89	74	75	81	81	88	86	87	89	86	87	81	85	90	82	79	86	91	96	86	76	80	84	87	75	76	80	83	89	88	75	83.6
	Minimum	67	53	48	49	53	57	61	60	65	60	64	68	53	52	52	44	47	52	57	67	67	61	62	59	59	48	48	49	52	56	63	56.6
Lebanon	Maximum	85	84	82	84	83	86	92	94	89	92	89	78	87	92	79	81	87	91	96	94	90	83	82	9	82	79	82	84	87	88	86	86.4
	Minimum	68	70	60	57	60	66	65	63	69	65	72	70	61	60	64	50	58	55	63	70	69	67	68	64	67	58	52	53	56	58	65	62.7
Lewistown-2 SW	Maximum	89	84	80	85	84	87	94	92	90	90	89	80	90	92	79	80	88	92	96	92	86	84	86	90	83	80	82	85	89	89	86	87.1
	Minimum	68	65	55	52	57	59	66	64	65	65	66	69	57	57	59	48	51	52	55	63	69	67	67	63	62	53	51	51	52	55	58	59.4
Lock Haven[6]	Maximum	91	84	80	83	86	86	93	89	92	84	89	86	87	90	78	80	86	92	95	86	82	80	88	90	85	80	82	86	89	90	82	86.1
	Minimum	66	59	52	50	55	64	64	63	67	69	67	70	58	57	51	45	50	52	60	70	69	67	64	63	60	50	49	51	54	57	62	59.2
Marcus Hook[1]	Maximum	88	82	89	91	84	88	101	94	85	94	92	82	90	92	85	83	87	92	91	95	92	90	87	90	90	85	89	88	89	89	89	89.1
	Minimum																																
Martinsburg[1]	Maximum	84	80	77	78	77	84	88	86	87	86	86	80	83	88	74	76	82	88	90	82	82	78	83	86	86	75	77	80	83	84	81	82.1
	Minimum	64	55	58	50	54	63	66	64	63	64	64	61	57	57	54	46	49	54	61	69	65	64	66	61	62	50	46	50	54	58	58	58.1
Mauch Chunk-1 SW	Maximum	82	80	79	81	81	79	87	87	84	85	86	81	83	86	81	77	81	87	90	88	85	76	74	84	83	77	78	80	80	84	82	82.3
	Minimum	64	64	50	48	50	58	60	59	64	63	68	68	59	52	58	45	44	48	54	65	68	66	65	65	64	56	46	45	48	50	59	57.1
Meadville 1 S	Maximum	82	73	74	82	83	88	91	87	87	87	93	78	84	87	74	81	86	90	92	74	80	80	83	87	68	74	79	83	88	89	78	82.6
	Minimum	63	43	45	45	48	54	59	62	63	50	57	65	51	50	56	39	45	50	57	68	64	60	57	54	60	44	44	46	52	51	59	53.7
Mercer[1] 2.5 NE	Maximum	81	73	75	79	80	83	88	82	90	85	92	76	81	86	73	77	83	88	88	74	79	80	83	85	69	72	76	81	85	86	75	80.7
	Minimum	54	47	50	52	56	59	58	63	63	58	63	57	51	57	52	47	52	52	67	66	61	59	55	57	50	46	45	54	55	59	66	55.6
Middletown[1] 1.5 W	Maximum	84	82	81	83	83	84	92	91	88	89	89	84	85	91	78	79	85	90	96	92	87	82	83	89	82	78	82	83	86	87	86	85.5
	Minimum	70	67	60	58	59	67	68	65	70	66	70	70	63	60	63	53	55	56	65	72	68	68	67	60	68	58	54	54	57	64	66	63.3
Midland[6]	Maximum	85	79	79	81	86	82	90	91	90	90	92	95	81	85	88	76	80	85	89	92	84	78	80	85	89	74	74	80	83	86	86	77	83.9
	Minimum	65	52	53	53	56	61	63	64	67	64	62	66	56	56	62	54	54	58	66	72	68	62	60	60	61	50	51	53	58	61	64	59.8
Montrose 3 E	Maximum	79	74	75	78	78	81	81	83	84	81	81	77	80	84	68	76	81	86	90	80	75	76	73	82	71	71	75	79	83	86	76	78.8
	Minimum	63	57	50	51	55	59	59	60	62	59	62	63	55	58	60	46	50	55	60	64	63	64	61	59	58	49	52	55	59	59	61	57.4
Mt. Pocono[1] 2 N	Maximum	76	75	74	77	76	75	81	81	81	79	75	74	80	82	72	73	80	84	88	83	79	72	72	81	74	71	72	76	79	82	76	77.4
	Minimum	67	57	51	52	47	56	55	52	63	64	61	59	55	55	51	46	45	52	59	65	62	61	63	63	55	51	51	48	52	55	59	55.9
New Bloomfield	Maximum	84	84	84	85	80	86	92	93	88	88	87	86	89	92	80	80	87	91	96	93	85	80	81	89	85	81	79	83	86	88	85	86.0
	Minimum	66	64	50	49	47	62	62	59	64	60	63	67	53	55	56	44	45	49	58	68	67	65	65	58	66	60	46	46	49	53	60	57.3
Newburg[1] 3.5 NW	Maximum	86	82	79	85	84	91																										
	Minimum	68	58	54	53	54	63	63	63	64	62	66	68	60	62	48	46	46	46	56	64	59	58	57	56	62	47	42	49	53	51	56	56.6
New Castle-1.5 N	Maximum	85	78	80	82	85	85	91	91	92	90	90	80	86	89	79	85	88	94	92	74	78	80	85	94	85	91	82	84	88	89	78	85.5
	Minimum	59	46	46	50	53	61	61	67	67	55	60	59	52	55	56	44	48	51	63	69	67	60	58	56	58	51	43	49	53	56	61	55.9
Palmerton[1]	Maximum	82	82	81	81	80	78	88	86	85	86	81	77	87	88	78	80	84	89	93	87	84	74	74	85	80	77	78	81	83	84	80	82.4
	Minimum	70	63	58	52	55	55	63	57	68	66	67	66	60	57	54	46	48	52	59	70	67	65	66	66	62	53	47	49	52	55	63	58.9
Park Place[1] 1 NW	Maximum	77	75	73	77	74	75	83	82	80	83	80	76	80	84	70	74	80	86	90	85	81	74	73	82	75	72	74	76	81	82	77	78.4
	Minimum	66	60	53	53	56	58	65	64	63	66	62	61	56	64	52	46	56	61	65	67	64	62	61	62	55	52	52	59	58	60	61	59.4
Phila Arpt.[1] 7 SW	Maximum	86	82	80	84	82	84	94	90	88	90	86	79	88	91	78	78	88	91	91	96	90	86	74	88	82	81	82	84	85	86	84	85.2
	Minimum	70	70	64	60	59	67	68	69	69	70	72	70	70	66	60	55	56	58	68	73	68	70	68	70	69	64	59	57	61	63	62	65.3
Philadelphia C.O.[1]	Maximum	85	82	82	85	81	84	94	87	82	88	84	76	88	89	80	78	87	90	90	95	90	85	72	86	83	84	84	84	84	85	83	84.7
	Minimum	71	72	67	65	67	67	69	69	69	71	70	70	71	70	64	59	62	65	69	73	70	69	67	70	72	65	64	65	66	66	67	67.8
Phila. Shawmont	Maximum	87	87	85	85	83	85	94	95	92	91	90	84	77	92	83	80	88	92	98	98	90	90	73	86	85	83	83	85	86	87	85	87.1
	Minimum	72	70	68	59	56	68	69	61	70	66	70	70	70	64	52	52	52	57	64	64	72	62	66	69	71	61	55	55	56	59	60	63.1
Philipsburg[1] 7 E	Maximum	81	76	74	77	75	80	85	82	82	80	81	79	81	86	70	73	80	85	87	80	76	72	80	83	73	71	73	76	80	82	74	78.5
	Minimum	63	47	43	39	44	61	55	55	61	62	65	57	45	45	44	35	37	45	54	66	64	62	57	50	58	45	37	41	44	48	55	50.9
Phoenixville-1.5 SE	Maximum	87	86	81	83	84	86	91	92	88	91	88	82	88	91	84	80	85	92	93	97	92	89	74	90	86	82	82	84	87	87	85	86.7
	Minimum	72	73	58	54	54	68	68	68	70	64	68	69	66	59	66	48	48	54	62	72	71	68	67	71	70	58	49	51	54	55	59	62.4
Pittsburgh Arpt.[1] 7.5 SE	Maximum	85	79	76	78	83	82	89	91	89	93	95	81	87	88	75	80	87	92	92	86	79	77	85	89	78	76	79	84	88	86	72	83.9
	Minimum	62	55	55	56	59	65	66	68	70	68	67	65	62	64	60	52	59	63	67	68	66	65	62	66	58	54	55	59	60	65	63	62.1
Pittsburgh City Office[1]	Maximum	86	81	80	81	83	83	91	92	90	93	94	86	86	90	78	81	87	92	94	88	80	79	87	91	78	76	81	84	89	85	74	85.0
	Minimum	63	58	58	57	60	67	68	73	73	71	67	69	62	63	61	56	58	63	72	73	69	67	64	66	60	56	55	58	62	66	66	63.9
Port Clinton	Maximum	81	82	83	82	81	83	90	89	82	90	82	78	88	90	80	80	85	89	93	93	88	79	80	87	82	79	81	82	85	86	83	84.3
	Minimum	68	67	56	56	54	59	61	57	63	62	65	67	60	55	65	46	47	50	58	68	69	65	65	64	67	56	47	48	51	54	59	59.0
Putneyville-2.5 SE	Maximum	87	81	81	77	82	84	87	86	89	90	89	90	82	85	89	76	83	86	86	81	77	79	81	83	80	79	79	81	82	90	81	83.3
	Minimum	62	44	42	41	51	60	58	61	61	57	61	60	49	52	55	41	47	49	59	66	59	59	59	56	57	43	40	48	50	53	56	53.4
Quakertown-0.5 E	Maximum	85	82	80	83	82	81	90	88	84	90	86	79	86	91	84	81	84	90	92	94	88	76	73	85	82	77	79	83	83	85	83	84.1
	Minimum	69	65	64	50	50	62	74	82	80	62	71	64	61	64	61	45	60	62	57	69	62	64	65	65	70	58	48	49	52	58	71	62.4
Reading[1]	Maximum	84	86	83	82	82	84	94	91	89	91	88	77	87	92	80	80	86	90	94	93	89	80	79	90	85	81	83	84	86	87	85	85.9
	Minimum	74	68	62	59	59	66	69	65	71	69	68	68	66	63	64	55	55	59	69	72	69	68	69	69	67	61	56	56	59	65	67	64.7
Ridgway	Maximum	88	80	78	82	83	87	92	85	93	86	92	83	86	89	71	81	87	98	92	79	74	77	85	88	74	78	81	84	87	90	76	84.1
	Minimum	59	43	42	43	46	55	57	55	60	54	58	63	51	50	52	38	43	44	49	62	64	61	60	52	56	43	42	43	46	49	50	51.3
Scranton[1]	Maximum	84	78	79	81	83	83	88	89	90	83	86	79	83	88	75	78	83	90	94	85	87	79	78	87	78	76	78	83	86	88	81	83.2
	Minimum	70	65	56	54	56	63	68	63	57	66	67	70	63	58	57	50	51	55	61	74	76	68	63	61	62	55	51	52	55	59	64	61.0
Selinsgrove	Maximum	84	82	81	81	82	84	91	89	87	88	86	84	84	89	85	79	83	90	94	88	85	80	80	88	83	80	80	81	84	85	83	84.5
	Minimum	62	64	52	54	50	62	61	59	64	64	64	69	54	54	56	45	47	49	59	70	67	66	66	60	69	51	47	48	50	56	66	58.2
Somerset	Maximum	80	75	75	76	74	81	85	86	87	88	86	79	84	84	81	76	82	88	89	85	80	77	81	84	83	74	78	80	85	85	80	81.5
	Minimum	55	51	49	41	50	60	61	55	64	60	55	64	47	48	56	38	40	48	51	65	62	60	63	55	64	42	38	40	44	51	54	52.5
Springs[6] 1 SW	Maximum	81	73	71	72	70	78	81	84	82	84	83	75	80	82	67	72	79	85	86	81	79	71	79	82	77	70	72	76	81	80	75	77.7
	Minimum	56	50	47	43	47	54	61	57	63	56	55	58	49	58	57	41	44	49	44	65	60	58	59	54	61	45	41	44	47	52	56	52.6
State College[1]	Maximum	87	80	76	82	80	85	91	87	89	87	85	83	85	89	73	79	85	91	92	88	79	76	83	86	78	75	80	81	86	88	82	83.5
	Minimum	67	56	55	52	56	66	64	65	65	65	67	70	56	60	53	47	50	55	63	65	67	67	62	62	58	53	50	52	54	63	64	59.6
Stroudsburg-2 E	Maximum	86	86	87	87	88	84	93	90	87	91	89	80	91	92	84	85	87	92	94	95	93	80	75	89	88	86	85	86	87	89	89	87.6
	Minimum	70	66	60	50	50	57	60	56	67	66	69	66	58	70	64	45	45	51	49	67	66	65	68	64	66	57	46	48	51	54	62	59.1
Tamarack /-2 S	Maximum	80	76	71	75	74	78	83	82	84	76	79	78	79	83	69	71	78	84	85	76	77	71	79	80	69	71	73	76	80	83	76	77.3
	Minimum	64	46	47	50	56	58	59	63	64	62	64	64	53	53	52	46	49	58	59	63	62	61	58	57	56	48	48	53	56	58	58	56.3
Tionesta /-1.5 SE	Maximum	83	75	77	80	82	85	90	94	90	87	92	86	83	86	76	81	87	90	90	86	79	83	82	85	70	74	78	82	86	87	70	82.9
	Minimum	63	45	48	49	52	55	62	65	64	55	58	63	53	55	55	44	49	52	55	66	66	63	64	55	59	47	45	48	52	53	57	55.4
Titusville-2 S	Maximum	83	72	75	79	77	82	86	80	86	81	87	84	81	83	79	76	81	86	87	87	77	74	82	83	71	70	77	77	84	83	78	80.3
	Minimum	65	42	43	45	50	53	57	61	61	50	58	62	50	48	52	39	44	49	61	67	64	62	58	56	49	42	42	40	51	54	57	52.6
Towanda-1 E	Maximum	87	78	78	81	85	87	87	90	91	83	87	83	84	88	72	78	84	91	94	85	77	81	79	88	78	77	78	84	86	89	78	83.5
	Minimum	66	58	50	50	50	58	59	57	64	63	65	69	55	53	53	45	48	50	55	68	64	65	56	54	54	49	49	47	49	54	54	55.8
Tunkhannock	Maximum	85	82	78	81	83	84	87	90	90	85	87	88	84	89	85	79	81	91	96	94	86	81	79	87	86	76	79	83	87	86	86	85.0
	Minimum	71	62	54	51	50	62	61	55	62	65	65	67	56	55	56	45	49	51	57	70	67	67	63	58	63	50	48	49	52	56	63	58.1

Continued on page 56.

Daily Temperatures for July 1946—Continued from page 55.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	86	81	80	83	83	83	90	90	89	90	93	89	85	90	86	84	87	91	92	89	84	82	86	88	85	78	84	86	88	87	80	86.1
	Minimum	67	57	54	53	64	65	66	65	70	65	63	68	55	56	64	62	55	57	61	69	67	65	65	62	67	52	49	54	57	61	62	61.2
Vandergrift[1]	Maximum	88	82	80	83	86	85	92	92	91	96	97	83	87	90	71	83	89	92	94	89	88	80	88	91	80	78	83	86	90	88	73	86 3
	Minimum	66	56	52	51	63	66	64	68	69	65	62	65	58	56	64	50	51	55	64	71	68	66	64	61	65	50	47	51	55	58	61	60.1
Warren	Maximum	86	76	76	83	84	89	90	88	90	86	93	85	85	88	75	82	87	91	92	87	79	80	87	89	72	75	79	84	88	88	76	84.0
	Minimum	66	47	48	49	51	54	58	60	63	54	62	61	54	53	53	44	47	52	61	66	65	64	63	55	57	49	46	48	51	55	62	55 5
Waynesburg	Maximum	84	79	79	83	84	77	87	90	90	93	91	84	86	87	83	84	86	90	92	90	84	74	84	86	83	78	83	84	88	85	78	84.7
	Minimum	65	51	51	47	53	60	62	72	68	62	59	66	52	51	63	47	49	55	60	71	66	64	62	59	65	48	46	50	52	59	60	58.0
Wellsboro/	Maximum	86	75	75	81	82	85	86	87	88	84	86	83	83	86	72	78	85	89	92	83	73	78	85	86	75	75	78	82	85	88	68	81.9
	Minimum	59	49	44	47	48	51	59	57	58	59	62	63	50	49	51	40	42	46	47	55	65	62	60	56	56	43	43	45	50	50	55	52.3
West Chester	Maximum	85	83	82	82	83	83	91	90	84	87	87	81	85	89	83	78	83	88	90	94	91	81	73	87	90	79	79	83	85	85	83	84.6
	Minimum	70	70	62	59	57	65	69	65	68	66	70	69	65	62	63	54	54	58	65	70	70	66	65	68	71	60	55	56	57	59	60	63.5
Wilkes-Barre[1] Apt. -3N.	Maximum	87	80	80	84	85	84	92	93	90	85	89	84	84	91	78	80	85	90	98	90	90	83	79	87	80	78	80	85	88	90	83	85.5
	Minimum	69	63	56	54	55	62	62	58	65	69	69	67	58	58	59	50	51	51	60	72	71	68	64	62	62	54	50	51	53	58	64	60.3
Williamsport Arpt.[1]-4 E	Maximum	85	80	78	84	86	84	90	90	87	86	87	86	86	83	76	80	86	90	96	87	81	81	84	89	80	79	81	84	87	90	78	84 7
	Minimum	69	60	54	52	54	65	64	66	66	66	66	64	59	56	51	47	49	58	58	71	70	70	68	63	61	52	48	49	53	56	64	59 5
Williamstown	Maximum	85	82	82	84	82	84	90	90	87	87	86	86	84	89	88	80	85	88	93	92	89	81	82	87	86	79	80	83	85	86	85	85.4
	Minimum	69	61	60	48	53	63	60	58	63	64	64	68	58	53	59	45	46	48	58	67	67	65	65	62	62	57	45	47	50	53	61	58.0
Woodward Apt[1]-2 NE.	Maximum	80	74	71	75	76	76	83	84	81	80	80	81	78	84	70	73	79	84	89	79	78	74	78	82	73	72	74	79	82	83	80	78.5
	Minimum	66	55	52	53	58	60	63	65	65	66	64	67	54	63	49	48	55	62	66	66	65	63	60	61	54	51	51	56	59	62	59	59.4
York-3 SW	Maximum	87	88	89	87	85	87	94	97	96	92	87	87	87	92	94	82	88	91	96	97	92	85	88	92	93	86	84	82	88	90	90	89.4
	Minimum	70	72	56	55	55	66	66	60	68	64	67	71	59	57	66	47	50	52	60	70	68	68	70	63	64	57	49	52	54	55	61	61.0

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**			Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.	
Erie	30.31	4	29.78	11	6.3	23	sw.	11	77	63	68	74	6
Harrisburg	30.29	5	29.85	12	5.9	26	nw.	20	80	48	62	75	0
Philadelphia	30.29	5	29.88	12	7.0	18	s.	1	81	52	67	71	0
Philipsburg	30.32	4	29.91	1	.....	18§	s.	1	87	56	73	.....	80
Pittsburgh	30.26	4	29.85	1	7.8	26	w.	11	79	58	57	65	0
Reading	30.28	28	29.87	12	8.1	43	sw.	20	75	.....	.....	72	0
Scranton	30.31	5	29.84	19	5.4	19	sw.	9	76	50†	.....	67	2

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.8	4.0	24	1.7	21	18
Easton	Delaware	2.3	6.2	24	1.2	20	22
Lehighton	Lehigh	3.2	5.9	24	2.6	20	9
Reading	Schuylkill	4.5	8.9	23	3.6	19†	13
Wilkes-Barre	N. Br. Susquehanna	3.9	17.5	3	2.3	21	22
Williamsport	W. Br. Susquehanna	2.1	5.2	3	0.8	20	22
Newport	Juniata	4.0	15.7	3	3.4	31	22
Harrisburg	Susquehanna	3.9	4.9	5	3.4	20	17
Schenley, (nr) Lock No. 5.	Allegheny	12.7	14.6	4	11.9	19†	24
Sutersville	Youghiogheny	3.6	5.7	21	2.6	19†	20
Charleroi (nr.), Lock No. 4	Monongahela	11.6	12.9	13	10.9	30†	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																										24	14				
Fog, heavy	7	2	4	5	5		13	10	15	7	10	8	6	6	2	5	6	9	3	3	5	11	10	16		7	11	5	6	5	9
Frost, killing																															
Glaze																															
Hail								1	1											2	1	1	1							1	1
Rain, heavy	1							3	1			1							1	5	1	6	2							1	4
Sleet																															
Snow, heavy																															
Thunderstorms	39	8				2	22	7	14	2	15	14			2				12	39	34	27	18	15	8					18	20
Winds, high	4							2	2		2	1			3				1	3	3	1	1								

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
a, b, c, etc. Number of days missing, for example, b indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

(W. B. O., Philadelphia—9-20-46—975)

5105
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LI. AUGUST 1946. No. 8.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
REMIT DIRECTLY TO SUPERINTENDENT OF DOCUMENTS WASHINGTON, 25 D. C.

GENERAL SUMMARY.

This was the second coolest August of record and the fifth consecutive month with deficient temperatures. The deficiency was the greatest of the year and reduced the accumulated average daily temperature excess for the year to 0.2°. Highest temperatures were recorded during the first decade. Except at southeastern and a few western stations, they were below 90°. Minima fell below freezing on the 25th and light frosts were reported in the closing days at scattered mountain and northern stations.

It was a dry month in the western counties. One large area in the northwest and a smaller one in the extreme west received less than two inches of rain. Greater amounts over the rest of the State raised the average to near normal. Precipitation was generally adequate until the last decade when light amounts accounted for only 12% of the month's total. Thunderstorms, occurring about every other day, were most general on the 26th, when hail fell at scattered stations. Depths ranged to over 3 inches near Doylestown and in the vicinity of Harrisburg. Crops and gardens were damaged, some being a total loss. Fog was more frequent and general than during July. On the 19th, three men were killed, one near Martinsburg, and two near Bernville, in airplane accidents during periods of poor visibility.

A tornado struck a rural community 11 miles south of Lancaster on the 19th and caused some damage to property and crops. Homes were unroofed, many trees were blown down, and fields of corn and tobacco were uprooted. One barn was moved from its foundation. No casualties were reported.

This was the fourth coolest summer of record and the coolest since 1927. In spite of the low temperatures, crops did reasonably well. The precipitation average was slightly above normal, due to June's excess, and heavy rain interfered with field work, locally. However, farmers took advantage of all favorable intervals and the harvest was well along, much plowing for fall seeding was done, and considerable seeding had been completed at the close of the month.

G. W. S.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 86 stations was 66.9°, which is 3.3° below the 59-year normal for August. The highest monthly mean was 74.0° at Marcus Hook and the lowest was 58.8° at Kane. Extremes ranged from a maximum of 94° at Farrell and York on the 4th and at Marcus Hook on the 5th to a minimum of 30° at Kane on the 25th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 215 stations, was 3.87 inches, which is 0.29 inch below the 59-year normal for August. The greatest monthly amount was 7.30 inches at Virginville, while the least was 1.22 inches at Washington. The greatest amount recorded in any 24 consecutive hours was 4.95 inches at Berwick on July 31st-August 1st.

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	69.8	100	33	7.05	.....	10	13	10	8
1889	67.4	100	37	3.24	.....	8	15	10	6
1890	68.8	98	34	5.76	.....	12	9	14	8
1891	69.6	99	35	5.09	.....	12	8	12	11
1892	71.4	99	42	3.77	.....	9	14	7	10
1893	70.4	99	30	4.50	.....	8	14	10	7
1894	69.4	98	32	1.84	.....	6	13	12	6
1895	72.3	101	32	3.23	.....	9	15	11	5
1896	71.2	101	35	2.22	.....	8	14	11	6
1897	67.9	97	34	3.17	.....	9	14	11	6
1898	72.3	99	37	6.60	.....	12	11	11	9
1899	71.2	101	38	4.01	.....	7	14	10	7
1900	75.0	103	38	3.33	.....	9	14	12	5
1901	72.0	99	42	6.81	.....	11	10	12	9
1902	67.8	100	34	2.62	.....	8	13	13	5
1903	67.2	99	36	5.29	.....	14	9	12	10
1904	68.0	96	34	4.36	.....	9	15	10	6
1905	69.6	95	36	5.71	.....	12	12	12	7
1906	73.2	96	39	5.62	.....	12	10	12	9
1907	68.0	97	32	2.94	.....	10	16	9	6
1908	69.4	102	30	3.22	.....	7	15	10	6
1909	69.4	100	34	2.31	.....	7	16	9	6
1910	69.8	98	35	2.61	.....	6	14	10	7
1911	71.4	102	36	7.63	.....	13	11	8	12
1912	67.1	93	36	5.02	.....	14	9	12	10
1913	70.4	102	38	2.69	.....	8	17	9	5
1914	71.3	100	34	3.85	.....	11	13	11	7
1915	68.0	99	34	6.71	.....	15	10	11	10
1916	71.9	103	32	2.57	.....	8	17	10	4
1917	71.2	101	38	6.69	.....	10	15	10	6
1918	73.6	108	32	4.12	.....	11	16	10	5
1919	68.2	94	35	5.43	.....	12	13	10	8
1920	70.2	95	37	4.66	.....	15	9	12	10
1921	68.4	97	35	3.83	.....	9	17	8	6
1922	69.1	100	31	3.14	.....	10	15	9	7
1923	69.2	96	30	3.10	.....	9	15	11	5
1924	70.1	102	31	3.78	.....	9	16	10	5
1925	69.7	97	26	2.28	.....	7	18	9	4
1926	71.9	103	32	5.69	.....	15	11	8	12
1927	65.5	92	34	4.12	.....	12	12	10	9
1928	73.4	99	35	4.60	.....	12	13	11	7
1929	67.7	98	31	2.52	.....	7	17	8	6
1930	70.3	108	29	1.47	.....	7	15	10	6
1931	71.1	104	40	4.01	.....	12	11	10	10
1932	71.6	103	34	2.82	.....	8	19	8	4
1933	70.8	104	38	7.61	.....	12	13	9	9
1934	68.6	98	30	4.94	.....	11	14	8	9
1935	71.3	98	31	3.91	.....	11	13	10	8
1936	73.2	102	37	4.96	.....	12	13	11	7
1937	73.5	101	40	5.43	.....	12	13	9	9
1938	73.8	100	36	2.90	.....	8	17	10	4
1939	73.3	98	41	2.98	.....	8	15	10	6
1940	68.8	98	30	4.57	.....	11	11	9	11
1941	68.8	101	31	4.35	.....	8	17	9	5
1942	69.5	96	27	4.53	.....	11	10	11	10
1943	70.8	101	33	2.72	.....	8	14	11	6
1944	71.5	103	30	2.56	.....	9	13	11	7
1945	69.3	99	34	3.79	.....	9	14	10	7
1946	66.9	94	30	3.87	.....	10	9	12	10
Period	70.2	108	26	4.16	.....	10	14	10	7

Climatological Data for August 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh.	384	5	68 2	−3.9	90	4	46	30	4.79	+0.39	1.34	17-18	0	9	5	13	13	sw.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	64.6	−4.6	86	4†	43	31	5.67	+2 23	2 26	17-18	0	10	15	13	3	e.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	66.2	.....	90	4	38	31	5.29	.....	1.65	6-7	0	10	11	9	11	n.	Penna. Turnpike Comm.
Canton-1 NW	Bradford	1,450	6	63.4	.....	84	4†	39	30	5.00	.....	2.54	31-1	0	10	9	14	4	n.	Mrs. E. Dillon Stone.
Carlisle	Cumberland	473	77	68.4	−4.4	87	4	47	25†	2.83	−1.57	1.53	6-7	0	10	19	5	7	nw.	Clarence E. Miller.
Chambersburg-1 SW.	Franklin	600	50	67.6	−4.8	90	4†	42	31	4.95	+1.07	2.19	6	0	8	15	10	6	n.	Charles A. Bender.
Coatesville.	Chester	431	58	67.6	−5.2	89	4	43	31	6.88	+2.30	3.40	29	0	10	14	1	16	sw.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	3	61.2	.....	80	4	38	30	3.79	.....	1.10	17-18	0	10	3	15	13	nw.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	62.6	.....	80	5†	40	30†	5.08	+0.70	1.92	6-7	0	11	6	16	9	n.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	65.0	.....	84	4	45	30	3.87	−0.07	1.58	6-7	0	10	5	16	10	nw.	U. S. Weather Bureau.
Emporium-1 E.	Cameron	1,100	59	64.6	−3.0	87	5	42	25†	3.62	−0.11	1.14	6	0	10	11	4	16	s.	R. E. Palmateer.
Ephrata	Lancaster	365	48	69.7	−2.8	90	4†	45	31	4.33	−0.31	2.29	6-7	0	12	14	10	7	s.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	65.6	−4.1	88	4†	43	24†	5.75	+1.93	1.47	6-7	0	8	6	14	11	e.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	65.0	−1.8	83	5†	40	30	*4.18*	+0.03	...	.....	0	....	5	2	24	w.	Andrew B. Evansha.
George School	Bucks	184	39	69.1	−3 1	88	5†	47	31	3.50	−1.09	1.03	7	0	15	13	11	7	nw.	George M. Hart.
Gettysburg	Adams	500	72	68.8	−3 6	88	5	46	31	4.42	+0.41	1.65	6-7	0	11	16	8	7	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	65.0	−3.4	88	4	36	31	2 16	−2.24	0.63	29	0	6	7	14	10	e.	Miss Sallie M. Johnson.
Hanover	York	600	41	69.4	−4 2	90	4	47	31	4.96	+0.65	1 59	6-7	0	10	14	10	7	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	69.4	−3.2	93	4	49	31	2.97	−1.07	1.06	6-7	0	9	6	14	11	sw.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	35	64 8	−3.2	88	4‡	38	31	6 91	+2.79	3.06	7-8	0	12	14	12	5	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	71.2	−3.9	90	4†	55	30‡	3.44	−0.78	1.27	6-7	0	10	12	10	9	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	58	66.7§	−3.0	88	17	43	31	4.85	+0.98	1.91	31-1	0	14	6	12	13	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	58	67 6	−4.8	88	4‡	43	31	6.34	+1.99	2 71	6-7	0	11	21	4	6	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	64.8	−3.6	87	9†	39	30	3.07	−0.73	1.27	31-1	0	13	4	23	4	...	Carlos P. Darling.
Lebanon	Lebanon	469	61	68.3	−3.9	91	4†	43	26	2.63	−1 71	1.10	6-7	0	8	18	6	7	sw.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	7	68 0	.....	91	8	44	30†	5.60	...	1.18	6-7	0	10	12	10	9	w.	American Viscose Co.
Lock Haven	Clinton	557	54	67.6	−3.8	89	9	43	30	5.62	+1.57	1.34	6	0	8	14	7	10	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	74.0	−2.6	94	5	54	31	4.87	−0.84	2 12	6-7	0	10	8	15	8	sw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	64.4	.....	86	4	41	30	4.54	.....	1.89	6-7	0	10	3	13	15	w.	U. S Weather Bureau
Montrose-3 E.	Susquehanna	1,176	40	62.7	−4.1	83	4†	40	30	4.33	.....	0.83	6-7	0	14	5	10	16	s.	Harry S. Fancher.
Mt. Pocono Arpt -2 N.	Monroe	1,914	4	61 3	−2.7	82	4†	37	30	2 53	−1.98	0.95	6-7	0	10	1	18	12	n.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	66.1	−4.5	87	17	42	31	2.63	−1.48	0 84	17-18	0	9	16	5	6	ne.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	75	72 1	−2 7	89	5	55	30	4.44	−0 18	1.92	6-7	0	14	8	10	13	nw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	59.2	.....	82	9	31	25	2.94	...	1.41	6-7	0	12	4	14	13	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	69.6	−4.0	92	5	43	31	3.13	−1.77	1.41	29-30	0	9	17	8	6	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	66.0	−5.2	90	7	40	31	5.74	+0.57	1.52	6-7	0	9	14	8	6	...	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	67.2	−3.2	87	17	43	31	5.28	+0.77	1.95	17-18	0	11	14	6	11	nw.	John E. Benner.
Reading	Berks	273	75	70.0	−2.9	91	5	48	31	4.01	−0.20	1 27	28-29	0	11	7	9	15	n.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	66.4	−3.4	88	9	42	31	2.97	−0.72	1.24	6-7	0	10	3	19	9	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	66.9	−4.5	88	8†	38	30	4.17	+0 23	1.07	6-7	0	11	6	19	6	nw.	Dr. George E. Fisher.
State College	Centre	1,217	60	65 3	−3.6	87	8	44	25†	3.29	−0.18	1.29	1	0	11	3	17	11	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	67.6	−2.4	92	9	41	25†	2.68	−2.18	1.33	6-7	0	13	6	12	13	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	5	61.8	.....	81	4†	40	30	4 53	...	2.35	6-7	0	7	3	20	8	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	65.4	−3 2	88	4†	40	30	3 68	+0.34	1.55	17	0	10	7	17	7	nw.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	63 2	−3.2	87	8	36	30	5.86	+2 33	2.04	6-7	0	12	7	16	8	w.	M. S. Bliss.
West Chester	Chester	440	96	69.4	−2.8	88	5†	47	31	5.83	+1.10	1.84	6-7	0	12	9	12	10	w.	Clyde T. Saylor.
Wilkes-Barre Apt.-8N.	Luzerne	544	7	66.9	.....	89	4	43	30	3 24	..	1.18	17	0	11	1	14	16	n.	U.S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	1	66.8	.....	89	9	43	30	3.11	.....	1.48	6-7	0	10	2	17	12	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	29	66.9§	−3 8	88	4	38	31	3.60	−0.51	0.96	31-1	0	7	2	23	4	...	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	62.8	.....	81	4†	42	30	3.32	.....	1 28	6-7	0	11	9	10	12	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	70.0	−2.7	94	4†	43	31	5.45	+1.14	2.06	6-7	0	9	14	8	9	sw.	York Water Co.
Division mean			....	**67 5**	.....	**94**	**4†**	**31**	**25**	**4.28**	...	**4.95**	**31 1**	**0**	**10**	**9**	**12**	**10**	nw.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	63.6	.....	83	4	44	30	5.09	+1.31	1.29	1	0	12	5	8	18	w.	U. S. Weather Bureau.
Bradford-4 W.	McKean	1,680	28	61.1	−5.3	83	8	34	25†	2.32	−1.02	0.54	1-2	0	12	0	21	10	w.	City Water Dept.
Brookville Apt.-1.5 SW.	Jefferson	1,400	55	62.9	−3.2	85	8	39	24†	2.70	−1.06	1.07	17	0	6	3	13	15	n.	Civil Aeronautics Authority
Butler	Butler	1,077	32	66.2	−3.8	90	5†	40	21†	2 29	−1.56	1 44	17-18	0	5	12	15	4	nw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	64.5	.....	88	4†	38	30†	3.63	−0.26	1.76	17	0	6	4	6	21	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	64.2	−7.1	88	5	39	24†	1.66	−2.72	0 99	6	0	7	11	10	10	w.	Walter B. Paget.
Corry	Erie	1,410	31	63.1	−3.9	85	8†	32	30	1.83	−1.65	0.94	17	0	11	14	10	7	nw.	J. Fred Kinley.
Coudersport	Potter	1,653	21	62.8	−3.1	85	9	36	24	2 66	−0.65	0.71	6	0	8	4	15	12	se.	Potter Enterprise.
Derry	Westmoreland	1,150	48	66 4	−2.9	88	4	42	14†	4.62	+0.40	1.51	6-7	0	10	12	8	11	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	61.6	.....	84	4	36	26†	3.59	.....	1.35	6	0	11	8	18	5	w.	Penna. Turnpike Comm.
Donora	Washington	761	19	69.1	−4.6	91	5	46	24	3.06	−0.71	1.08	6-7	0	11	12	10	9	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	62.3	−4.4	83	4	41	24†	6.12	+2 08	1.72	31-1	0	12	7	10	14	sw.	John L. McGough.
Farrell	Mercer	855	32	70.4	−0.7	94	4	44	31	3.75	+0.07	2.10	17	0	5	16	12	3	ne.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	2	65.2	.....	87	4‡	43	23†	3.10	.....	1.35	17	0	11	14	6	11	w.	U.S. Engineers.
Franklin	Venango	987	71	64.4	−4.0	87	4	40	30†	1.98	−1.68	1.44	17	0	8	18	6	7	n.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	64.8	−6.0	85	4†	40	31	4.97	+0.78	1.15	6-7	0	10	11	8	12	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	65.8	−4.1	86	4	42	31	3.81	−0.23	1.15	17-18	0	12	13	10	8	w.	Indiana State Teachers Col.
Jamestown-2 NW.	Mercer	1,050	4	65.4	.....	89	4†	37	30	3.49	−0.26	2.34	17-18	0	14	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	67.6	−3 5	90	5	45	31	6.62	+2 23	3.23	1-2	0	9	12	10	9	s.	Johnstown Tribune Pub. Co.
Kane-1 N.	McKean	1,750	30	58.8	.....	85	9	30	25	2.05	−1.56	0.78	6-7	0	9	3	15	13	n.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	63.6	−4.1	87	4†	37	31	1 72	−1.93	0.87	17-18	0	11	3	18	10	nw.	City of Meadville.
Midland	Beaver	780	9	67.0	−4.8	88	5	46	24†	1.24	−2.12	0.48	17	0	6	12	13	6	nw.	Perry P. Campbell.
New Castle-1.5 N.	Lawrence	900	65	66.0	−4.5	89	4†	42	31	1.46	−1.88	1.08	17	0	5	12	18	1	n.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	12	67.4	−3.9	89	5	49	30	2.11	−1.12	0.70	2-3	0	8	5	15	11	n.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	64.2§	.....	.....	.....	38	25	4.94	.....	2.35	17	0	11	10	12	9	ne.	U.S. Engineers.
Ridgway	Elk	1,385	38	62.2	−4.3	87	5†	36	25	4.39	+1.19	2.06	6-7	0	9	3	15	13	nw.	West Penn Power Co.
Somerset	Somerset	2,100	74	62.7	−4.2	84	4†	37	28	5.25	+0.76	1.01	1-2	0	12	3	12	16	nw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	60.6	−5.1	82	5	34	30	2.29	−2.32	0 80	2	0	12	2	12	17	w.	Allen E. Yoder.
Tionesta-1.5 SE.	Forest	1,200	8	63.2	.....	86	4†	37	30	1.95	−0.97	0.98	6	0	8	17	5	9	w.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	62.3	.....	85	8	32	30	1.52	.....	0.53	16-17	0	10	1	26	4	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	67.7	−4.2	89	5	45	24†	3.84	−0.68	1.18	22	0	9	11	15	5	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	67.4	−4.0	89	4†	44	31	2.62	−1.39	1 40	17	0	9	6	20	5	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	57	65.0	−2.8	88	5†	40	30	2 57	−1.16	1 63	17	0	13	14	14	3	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	65.6	−6.1	87	5	39	15	2.05	−1.93	1.10	6	0	5	4	18	9	w.	Thomas S Knox.
Division mean			....	**64.6**	.....	**94**	**4**	**30**	**25**	**3.16**	.....	**3.55**	**17**	**0**	**9**	**8**	**13**	**10**	w.	
Lake Drainage																				Charles C. Gilbert.
Albion	Erie	900	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Erie	Erie	705	72	68.0	−1.6	88	9	49	30	2.25	−1.02	1.68	17	0	10	7	15	9	w.	U. S. Weather Bureau.
State mean			....	**66.9**	**−3.8**	**94**	**4†**	**30**	**25**	**3.87**	**−0.29**	**4.95**	**31-1**	**0**	**10**	**9**	**12**	**10**	w.	

[See page 64 for explanation of reference marks.]

Daily Precipitation for August 1946

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike		.12				.42	.36							.21			.41	.15	.06	.17						.53			.18		2.56
Equinunk[2]	Wayne	1.27	.35	.01	.01	.02	.61	.22		.07								.19	.35	.12	.27						.10					3.59
Hawley[2], 0.5 E	Wayne	1.90	.15	T.	T.		1.49	1.57		.12	.50				.32			.44	.24	.11												6.91
Hollisterville[2]	Wayne	1.22	.08				.93	.52		.09	.02	.01			.08			.16	.31	.12				T.			.01			.06		3.89
Lakeville[2], 1 N	Wayne	2.01	.23	.01	T.	T.	*	1.97		.20	.07		.11	.07				*	.78	T.	T.						.30	T.		.05		5.47
Matamoras[2]	Pike		.24			.32	.35	.19			.76			.12				.31	.73	.07							T.	T.		.02		3.38
Milanville[2]	Wayne	1.51	.08	T.	.06		1.00	.92			T.			.08				.10	.93	T.	.21						.12			.17		4.95
Mount Pocono[1], 2 N	Monroe	T.	T	.05		T.	.21	.74		.14		.04	.35			.39	.48	T.		.03				T.		T				.06		2.53
Pecks Pond[2]	Pike		.21	T.	T		.78	.50		.02	.77	T.	.03	.29	T.		.60	.27	.13	T.	T.								.10		3.65
Pleasant Mount[1,5], 1 W	Wayne	.01	.04		.40	.02	.20	.70		.06			.04			.16	.78	.11	.03							.09					2.64
Stroudsburg, 2 E	Monroe		.04		T.		T.	1.33	.08		.16	.02		.23	.03		.03	.12	.27	.10			T.						.07	.20		2.68
Tanners Falls[1, 5], 1 SE	Wayne	.02	.05		.10	.02	.20	1.89									.15	.25	.05							.30					3.03
Wind Gap[1, 5], 3 SW	N'rthampton	.03				.03	.10	.86						.55			.40	.35	.13							.23			1.20		3.88
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh	T	T.	T		T.	.09	1.21			.02			.73			.24	1.27	.10	.02			T.	T.			T			1.11		4.79
Allentown[2]	Lehigh						T.	1.43	.48						.15			.23	1.68	.29	.07									.17	.72	5.22
Bethlehem[1]	N'rthampton		T.			T.	.04	1.51			.36			.04	T.		.16	1.30	.91	.10									.65	T.	5.07
Blakeslee Corners[1, 5]	Monroe						.27	.90			.13		.14	.39			.27	.78	.05										.20		3.13
Gouldsboro[2]	Wayne	.02	T.					.66	.45		.12	.13		.09	.06			.52	.70					.03			.12			.10		3.00
Lansford[2]	Carbon	.04	.02					1.10	.24			.35		T.	.06			.34	*	2.03	T.							T.		.38		4.51
Mauch Chunk, 1 SW	Carbon		.05				T.	1.75			.23						.35	.15	1.06	.11				.04					T.	.30		4.04
New Tripoli	Lehigh		T.				.03	1.07			.39				.11		.26	1.26	1.40	.95	.14						T.			.48	.23	6.32
Palmerton[1, 5]	Carbon		T.				.13	.65			.19			.07			.37	.83	.01	T							.12			.26		2.63
Zionsville, 1 SW	Lehigh							1.45									.20	.15	3.45										1.10	.40		6.75
SCHUYLKILL																																	
Conshohocken	Montgomery	*		.33				1.18			.10			.38					.03	T.	T.		.03							.02	.44		2.51
Fredericksville[2], 1 S	Berks							1.02	.13		.04				.03			.39	.58	1.63	T.									.06	.35		4.25
Geigertown[2]	Berks				.05			1.15	.05			.06						*	.85	.05							.02					3.31
Gratersford[2]	Montgomery							.93	.09			.11						.43	.16	.07										1.10		3.31
Phoenixville[2], 1.5 SE	Chester		T	T.				.76	.12	T.	T.	.04						.19	.08	.07	T.			.31			.15			.98		2.77
Port Clinton[2]	Schuylkill							1.39	.13			.53			.06			.66	.40	.70							.41			1.41		3.13
Pottstown[2], 0.5 S	Montgomery							1.20																						1.46		5.74
Pottsville[2]	Schuylkill							.68	.11									.28	.25	.38							.36			.67		§§
Reading[1, 5]	Berks	T.		T.			.70	.56			.03						.41	.28	.68	.01			.02				.05		.69	.58		2.73
Strausstown[2]	Berks		T.					1.08	.07			.25						.77	1.33	1.57	.02							.06			1.84		4.01
Virginville[2]	Berks							1.36	.26			.05			.01			.59	.89	1.39	1.26			.03				.04		.13	1.29		6.99
Wernersville	Berks	T.					.63	1.36									.41		.53	.03										.15	.50		7.30
LOWER DELAWARE																																	3.61
Coatesville[2]	Chester			.34				1.05	T.		.08	.12						.38	.72	.02	.66		T.	.10			T.			3.40	T.	6.88
Doylestown	Bucks	.17						1.33	.02		.01			.03			.05	.18	.45	.09			.04	.09			.05			.88		3.39
George School[6]	Bucks	.34	.01				.18	1.03	.01		.06		T.	.11		.01	.12	.26	.49	.43				.10					.05	.30		3.50
Maple Glen[7]	Montgomery	.08	T.					1.00	.01		.07				.03			.25	.27				.08	.14				.01		.74		2.68
Marcus Hook[2]	Delaware	T.	.02		T.			2.12	.01			.15			T.			.36	.14	1.48	.01		T.	.25					T.	.33		4.87
Philadelphia																																	
Southwest Airport, [1]	Philadelphia	.04	T.	T.		T.	.87	.75			.08			.02			.29	.11	.32	.11		T	.02	.12			.10		T.	.42	.01		3.26
City Office[1, 5]	Philadelphia	.07	T.	.01			.26	1.67			.15			.31			.36	.06	.19	.40		.11	T.	.09			.34			.42	T		4.44
Shawmont	Philadelphia	.50		.15		T.	T.	1.32	.10		.10			.10	T.		.20	T.	.45	.05			.25	.20			.05				T.		3.47
Quakertown, 0.5 E	Bucks	.01						1.14	.04		.02	.08		T.			.12	.09	1.95	.07									1.22	.54		5.28
West Chester	Chester			.18			.43	1.41			.17						.20	.17	.20		.57		.88	.12			.33				1.17		5.83
West Grove[2], 1.5 SE	Chester				.03			1.35	T.		.07	.03						.64	.52	.84	T.		1.08	.17							.70		5.43
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.63					*	.71							.18			.46														1.98
Covington[2]	Tioga	2.33	.33					1.34		.02					T.			.06									T.				.02		4.10
Lawrenceville	Tioga	1.27	.04			.15	.16	.59			.04			.15			.05	.40		.05	.05			.10		T.	.02						3.07
NORTH BRANCH																																	
Berwick	Columbia	4.95	.01	.01			.04	.76			.10			T.	.01		.03	.40	.54	.25									T.	.02		7.12
Canton[2], 1 NW	Bradford	2.54	.16	.02				1.91			.01				.03			.07	.22	.02							.02					5.00
Danville[2]	Montour	.65	.05					.62	.08						.14			.12	.33	.20								.03				2.22
Freeland[2]	Luzerne																																
Hop Bottom[2], 2 S	Susquehanna	.10	.08	1.00	.02			.78	.10			.20						.38														2.66
Millville[1, 5]	Columbia						.40	.20						.12			.38	.78	.02	.03									T.		1.93
Monroeton[2], 2 S	Bradford	1.14	.13	.01				1.45	.06		T.				.14		T.	.04	1.96	.02	T.											5.11
Montrose[2], 3 E	Susquehanna	1.54	.15	.02	T.	.81		.72	.11		.01				.14			.12	.33	.08	.18						.11			.05		4.45
Orwell[2], 3 N	Bradford	1.51	.03			.18		.78	.02		.03				.15			.13		.01							.20			.04		2.96
Park Place[1], 1 NW	Schuylkill	.02	T.	T.			.41	.52			T.			.21			.17	2.70	.28	T.							.08			.04		4.70
Pikes Creek[1, 5]	Luzerne	.05	.02				.38	.72						.10			.27	1.18	.11	.09										.39		2.92
Rush[2]	Susquehanna	.60	.05	T.	.04	.23		1.00	.02						T.			.09	.82	.11												3.06
Scranton[1, 5]	Lackawanna	T.	.03				.87	.87			.14			.33		T.	.24	.70	.05				T.				.22			.02		2.97
Susquehanna[2]	Susquehanna	1.58	.78			.95		.57		.07					.02			.12	.35	.02	.33							.02	T.		.01		4.82
Towanda, 1 E	Bradford	.42	.03		T		.13	.99			.05			T.		T.	.07	1.54	.02	T.							.40			.03		3.68
Tunkhannock	Wyoming	.61	.11	.18	.03		.01	1.43									.07	.46	1.03	.12			.01				.36			.52		4.98
Wilkes-Barre[1], 3 N	Luzerne	T.	.03				.32	.80			.32			.04			.32	1.18	.11	.03							.05			.04		3.24
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	.97	.14	.14	.01	.10		1.52			.81			.10	T.			.12	.29	.05												4.29
Carrolltown[2]	Cambria	.44	.32	.05	.67			1.48			T.				T.		.15	.20	1.08								.04			.12		4.55
Carter Camp[2]	Potter	.78	.18	.75				2.00			T.	.16		.17			T.	.51	.89	.06							.16					5.66
Cedar Run[2]	Lycoming	1.04	.08	.18				1.81	.02						.06		.04	.64	.33	.04	.02						.31					4.57
Clearfield[2]	Clearfield	.31	.04	.03				.85									.05	.27	1.15								.02					2.72
Coalport[2]	Clearfield	1.30	.35		.10			1.30									*	*	1.15	.52							*.03*					§4.75
CurwensvilleApt[1] 6NW	Clearfield	1.21	.02	T.	T.		.96	.05			.05	T.					.26	1.09	.01	T							.11			.03		3.79
Driftwood[1, 5]	Cameron	*	*	*	.64		1.35	.35			.19						.21	.54	.05													3.33
Dushore[1, 5]	Sullivan	.16	.05	.22			.60	.63						.06				1.97	.09								.05		.05			3.88
Eagles Mere[2]	Sullivan	.86	.17	.03	03	.11		1.83	.09						.41			.33	1.08	.14	T.							T.			T.		5.08
Emporium[2], 1 E	Cameron	.40	.65	.01	.09			1.14	.03								.06	.40	.82									.02					3.62
English Center[1, 5]	Lycoming	1.57	.05	.05			.95	.30						.06			.47	1.31		.10							.08					4.94
Galeton	Potter	.70	.60				.35	.95			.55			.22	.05		.10	.50	.05	.05							.15					4.27

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Stations	Counties	Day of month																													Total
		1	2	3	4		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
WEST BRANCH (continued)																															
Karthaus[2]	Clearfield	.40	T.	...	.55	....	...	1.90	...		T.	...	....	....	....	...	.06	.22	74		..	....	....	....	....	....	....	T.	....	....	....	...	3.87
Lock Haven[2]	Clinton	3.72	.04	..	..	.04	....	1.34	...	....		....	....	....	....	...	T.	.20	.15	.03		...					....	.10	....	....	....	...	5.62
Medix Run[1, 5]	Elk	.27	.01	14	..	..	.85	16	...	....	....	....	....	....	....	....	.30	1.11	.02		....	....	....	....	....	....	....	....	....	....	....	...	2.86
Philipsburg[1], 7 E	Centre	.03	.08	.08	.24	..	1.13	.28	...		T.	T	....	T.	..	...	.31	70	.04	.01		....	....	....	....	....	01	....	....	.03	....	...	2.94
Renovo[2]	Clinton	.57	.02	.02	....	....	....	2.03	....	....	....	....	....	....	....	....	T.	.39	.74	T.	....	....	....	....	....	....	....	.32	....	....	....	....	4.09
State College[1, 5]	Centre	1.29	T.	.04	T.	..	.84	07	....	....	01	T	....	01	....	....	.16	76	02	.04	....	....	....	....	....	....	.05	....	....	T.	....	...	3.29
Tamarack[2], 2 S	Clinton	1.09	.10	T.	T.	..	....	2.35	....	....	T.	T.	T.	....	....	....	T.	60	.29	.01	T.	....	....	....	....	....	....	.09	....	....	....	...	4.53
Trout Run	Lycoming	62	03	....	.09	....	.15	1.51	..	....	....	....	....	.01	19	....	.03	.37	.07	..	....	....	....	....	....	....	.02	....	....	....	....	...	3.09
Tyrone[1, 5], 4 NE	Blair	.05	....	....	....	..	1.23	.05	....	....	.10	....	....	....	..	....	.42	*	.75	.68	....	....	....	....	....	....	.33	....	....	....	....	...	3.61
Wellsboro[2]	Tioga	2.66	.30	T	....	....	.83	2.04	.02	....	.20	..	....	.13	.02	....	.36	.53	.02	.03	....	....	....	....	T.	....	T.	.06	....	....	T	....	5.86
Williamsport Apt.[1] 4 E	Lycoming	16	T	T.	.18	....	.83	.65	....	....	....	....	....	.02	....	....	....	.38	....	.69	.08	....	....	....	....	....	.33	....	....	....	....	...	3.11
Williamsport[2]	Lycoming	1.94	11	.01	....	.38	....	1.65	T.	..	....	....	....	....	T.	....	....	.38	.69	.08	....	....	....	....	....	....	....	12	....	....	T.	....	5.36
Williamsport[2], 4 SE	Lycoming	1.06	10	T	....	.05	....	1.55	....	....	....	....	....	....	T.	....	T.	60	.47	.20	T.	....	....	....	....	....	....	18	....	....	....	....	4.21
JUNIATA																															
Altoona, 4.5 W	Blair	.07	....	.12	....	....	1.90	.34	....	....	.27	..	....	....	....	....	.52	....	2.26	....	....	....	....	.10	....	....	.04	....	....	.05	....	..	5.67
Breezewood[1], 0.5 E	Bedford	2.18	.65	....	....	....	1.05	....	....	....	....	....	....	....	....	....	.43	.80	.26	....	....	....	.28	....	....	....	....	....	....	....	....	....	5.65
Buffalo Mills[2],	Bedford	.90	1.39	....	....	....	....	1.38	....	....	....	....	....	....	....	....	.28	.04	..	.32	....	....	....	.54	....	....	....	.09	....	....	....	....	4.94
Burnt Cabins[1], 2 NE	Fulton	1.20	.12	....	....	....	1.45	10	....	....	....	....	....	....	....	....	.50	15	.70	.57	....	....	16	....	....	....	....	....	....	.34	....	....	5.29
East Waterford[2], 3 E	Juniata	.90	.37	T	T.	..	....	1.58	.01	....	....	..	T.	....	....	....	..	.21	.45	.09	....	....	....	.04	....	....	....	.04	....	....	....	.18	3.87
Everett[2], 0.5 SW	Bedford	1.75	1.45	.08	..	....	....	1.47	T	....	....	....	....	....	....	....	.15	.29	.17	T	....	....	....	.39	....	....	....	....	....	....	....	T	5.75
Huntingdon[2]	Huntingdon	.50	1.42	.04	.01	.23	....	1.43	.01	....	.09	....	....	....	....	....	....	.19	.77	.02	....	....	....	.08	....	....	....	.05	....	....	....	.01	4.85
Lewistown[2], 1 W	Mifflin	.20	2.63	....	....	....	....	1.16	.02	....	....	....	....	....	.04	....	....	.26	1.09	.02	....	T.	....	....	....	....	....	15	....	....	....	.03	5.60
Mapleton Depot[2]	Huntingdon	1.26	.94	.07	.02	..	....	1.48	.01	....	....	....	....	....	....	....	....	.23	.39	....	....	....	....	.16	....	....	....	.28	....	....	....	.05	4.89
Martinsburg[1]	Blair	50	.23	....	....	....	1.76	.13	....	....	....	T.	....	....	....	T.	.60	.50	.55	....	....	....	17	....	....	....	.02	....	....	.08	....	....	4.54
McConnellstown[2] 4NW	Huntingdon	.74	.53	.05	.05	....	....	1.44	03	....	.08	....	....	....	....	....	....	29	1.28	.20	....	....	....	.15	....	....	....	....	....	.03	....	....	4.87
Neffs Mills[1, b], 3.5 NE	Huntingdon	*	2.25	....	.05	*	91	....	....	....	....	....	....	....	....	....	.40	.43	.30	.08	....	....	....	....	....	....	03	....	....	....	....	....	4.45
New Bloomfield	Perry	.92	....	....	....	....	.68	1.08	....	....	....	....	....	....	....	....	.18	T.	.42	.46	....	....	....	....	....	....	.05	....	....	.33	....	....	4.12
Newport[2]	Perry	1.45	.03	....	....	....	....	1.53	.01	....	....	....	....	....	T.	....	....	.50	.25	.25	.02	....	....	.05	....	....	....	T.	....	....	.39	....	4.48
Saxton[2], 1 W	Bedford	1.95	.54	.02	....	....	....	1.58	....	....	....	....	....	....	....	....	.04	.67	.78	....	....	....	....	.20	....	....	....	.03	....	....	.16	....	5.97
Shade Gap[1, 5], 0.5 SW	Huntingdon	1.40	.60	....	....	....	1.41	....	....	....	....	....	....	....	....	....	.51	.46	.06	....	....	....	.09	....	....	....	....	....	....	....	....	....	4.53
LWR SUSQUEHANNA																															
Arendtsville[2]	Adams	.29	.09	....	....	....	....	1.78	....	....	....	....	....	....	....	....	.02	.52	.15	.02	....	....	....	.07	....	....	....	.04	....	....	.15	..	3.13
Beavertown	Snyder	2.15	....	.29	....	....	....	2.05	....	....	....	....	....	T.	....	.10	.10	.01	.60	.20	....	....	....	....	....	....	....	....	T.	....	T.	..	5.50
Bloserville, 1.5 N	Cumberland	.40	....	....	....	....	.73	2.12	....	....	....	....	....	....	....	....	.35	T.	.40	.11	....	....	T.	.15	....	....	.10	....	....	T.	.63	....	4.99
Carlisle	Cumberland	.16	....	....	....	....	.63	.90	....	....	....	....	....	....	....	....	.19	....	.09	.06	....	....	T.	.07	....	....	T.	.01	....	.67	.05	....	2.83
Columbia	Lancaster	T.	....	....	....	....	1.26	.45	....	....	T.	....	....	....	....	T.	.32	....	1.78	.30	....	....	....	....	.14	....	T.	.07	....	T.	1.70	....	6.02
Dauphin[2], 3 N	Dauphin	.35	T.	....	....	....	....	1.22	.03	....	....	....	....	....	....	....	....	.24	.09	.19	.01	....	....	T.	....	....	.03	....	....	.92	....	3.08
Ephrata	Lancaster	T.	....	T.	....	....	.62	1.67	....	....	T.	.02	....	....	....	....	.34	.02	.36	.03	.20	....	.23	.07	....	....	....	....	....	.32	.45	....	4.33
Glen Rock[1, 5]	York	..	....	*	....	....	*	2.45	....	....	....	....	....	....	....	....	.95	.60	.96	....	....	....	.43	....	....	....	....	....	....	.55	....	....	5.94
Gordon	Schuylkill	....	....	....	....	....	....	.55	....	....	....	....	....	....	....	....	10	.25	.53	.10	....	....	....	....	....	....	....	....	....	.63	....	....	2.16
Grantville, 2 SW	Dauphin	.01	....	....	....	....	.63	.52	....	....	....	....	....	....	....	....	.62	....	.75	.24	....	....	....	.01	....	....	.13	....	....	1.56	....	....	4.47
Hanover[2]	York	....	.09	....	....	....	....	1.59	T.	....	.02	....	....	....	....	....	.01	.97	.85	.02	....	....	....	.58	....	....	....	.14	....	....	.69	....	4.96
Harrisburg Apt[1, 5], 3.5 S	Dauphin	.04	....	T.	....	....	1.00	.06	....	....	....	....	....	....	....	....	.17	T.	.03	.38	....	....	.05	....	....	....	.41	....	....	.83	....	....	2.97
Holtwood[2]	Lancaster	....	T.	T.	.21	....	....	1.27	.01	....	.02	....	....	....	....	....	T	.71	.47	.01	T.	....	....	.08	....	....	....	.14	....	....	....	.52	....	3.44
Huntsdale[2]	Cumberland	.35	.11	....	....	....	....	2.10	....	....	....	....	....	....	....	....	....	.35	....	.14	1.00	....	....	.08	....	....	....	.06	....	....	.79	....	....	4.98
Kirkwood[1, 5], 1 SW	Lancaster	.02	....	....	....	....	.82	.14	....	....	....	....	....	....	....	....	65	.08	.38	T.	....	T.	T.	....	....	....	T	....	....	.90	....	....	2.99
Lancaster	Lancaster	.05	.04	T.	....	....	1.10	1.61	....	....	T.	....	....	....	....	....	.29	.04	1.40	.01	.89	....	....	.12	....	....	T.	....	....	T.	.79	....	6.34
Lebanon[2]	Lebanon	T.	.03	....	....	....	....	1.10	T.	....	....	....	....	....	....	....	....	.41	.20	.04	05	....	....	.02	....	....	....	....	....	....	.78	....	2.63
Middletown[1], 1.5 W	Dauphin	.04	T.	T	....	....	1.32	.03	....	....	....	....	....	....	....	....	.14	T.	.07	.33	....	....	.06	....	....	....	.72	....	....	1.00	....	....	3.71
Millersburg[1, 5], 2 E	Dauphin	03	....	....	....	....	*	1.20	....	....	....	....	....	.04	....	....	.12	.95	.56	.19	....	....	....	....	....	....	....	....	....	.68	....	....	3.77
Milroy[2]	Mifflin	1.70	.27	....	....	....	....	1.14	....	....	....	....	....	....	....	....	....	.42	.83	.03	....	....	....	....	....	....	....	.18	....	....	....	....	4.57
Newburg[1], 3.5 NW	Cumberland	1.01	....	....	....	....	2.49	....	....	....	....	....	....	....	....	....	.54	.06	.51	.06	....	....	.06	....	....	....	....	....	....	.52	....	....	5.25
New Park	York	....	....	....	....	....	.36	1.50	....	....	.11	....	....	....	....	....	.80	.22	.50	....	....	....	....	.82	....	....	....	....	....	....	.45	....	4.76
Pine Grove[2], 1.5 NE	Schuylkill	....	T.	T.	....	....	....	.83	.03	....	....	T.	....	....	.01	....	....	.45	.49	.22	....	....	....	T.	....	....	....	.13	....	....	.49	....	2.65
Selinsgrove	Snyder	2.13	.05	....	....	.02	.30	.77	.01	....	....	....	....	....	....	....	.14	.58	....	.15	....	....	....	....	....	....	....	....	....	....	.06	.01	....	4.17
Shamokin[2]	N'umberland	1.44	.02	....	....	....	....	.58	.07	....	....	....	....	....	....	....	....	.11	*	.83	....	....	....	....	....	....	....	.03	....	....	.15	....	....	3.23
Shippensburg	Cumberland	.87	.01	T.	....	....	1.32	.71	....	....	....	....	....	....	....	....	.36	.06	.11	.08	....	....	....	.15	....	....	T.	....	....	.09	.54	....	4.30
Sunbury[2]	N'umberland	2.24	.03	....	....	T.	....	.72	.05	....	....	....	....	....	.01	....	T.	.12	.55	.09	T	....	....	....	....	....	....	....	....	....	.03	....	....	3.84
Williamstown[2]	Dauphin	.96	T.	T.	....	....	....	.78	.10	....	....	....	....	....	T.	....	....	16	.86	.11	T	....	....	....	....	....	....	....	....	....	.63	....	....	3.60
Woodward[1], 2 NE	Centre	.67	T.	.01	.15	....	1.13	.15	....	....	.01	....	....	....	....	....	.13	1.02	.01	02	....	....	....	....	....	....	.02	....	....	T.	....	....	3.32
York, 3 SW	York	....	....	....	....	.10	.59	1.47	....	....	....	....	....	....	....	....	.60	.02	1.00	02	....	....	....	.20	....	....	....	....	....	....	1.45	....	5.45
York Haven[2]	York	....	T.	....	....	....	....	1.89	.02	....	....	....	....	....	....	....	....	.40	.51	.05	.33	....	....	.09	....	....	....	.16	....	....	.62	....	3.57
Potomac Basin																															
Chambersburg[6], 1 SW	Franklin	1.46	.04	....	....	....	2.19	T.	....	....	....	....	....	....	....	....	.59	T.	.20	.03	....	....	.19	....	....	....	T.	....	....	.25	....	....	4.95
Gettysburg	Adams	.23	.02	....	....	....	.40	1.25	....	....	....	....	....	....	....	....	.71	12	.74	.05	....	....	.01	.34	....	....	....	....	....	....	.55	....	4.42
Hewitt, 2 SW	Bedford	.47	.53	T.	....	....	.91	.11	....	....	....	....	....	....	....	....	.67	.19	.21	....	....	....	.23	....	....	....	....	....	....	.59	....	....	3.91
Hyndman[2]	Bedford	.38	1.47	.13	....	....	....	.79	T.	....	....	....	....	....	T.	....	T	.22	T.	.37	....	....	....	.44	....	....	....	T.	....	....	....	....	....	3.80
McConnellsburg[2]	Fulton	.67	.68	T.	....	....	....	1.31	....	....	....	....	....	....	....	....	T	.73	93	.25	....	....	....	.30	....	....	....	....	....	....	.70	....	....	5.57
Mercersburg[2]	Franklin	.72	.14	....	....	....	....	2.44	....	....	....	....	....	....	....	....	.35	.28	.28	.07	....	....	....	.03	....	....	....	....	....	....	.36	....	....	4.67
South Mt. San't'm[2]	Franklin	.60	1.35	.47	....	....	....	2.90	....	....	....	....	....	....	....	....	.06	.34	.15	.18	....	....	....	.03	....	....	....	....	....	....	.29	....	....	6.37
GULF DRAINAGE																															
Ohio Basin																															
ALLEGHENY																															
Acmetonia[2]	Allegheny	.29	....	.08	.05	....	....	.37	....	....	.05	....	....	....	....	....	20	.17	3.38	....	....	....	....	....	....	....	....	....	....	.05	..	4.64
Allens Mills[1, 5]	Jefferson	.49	....	.16	....	....	.72	.03	....	....	....	....	....	....	....	....	.31	.89	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.60
Blairsville[1], 6 NE	Indiana	1.29	.09	.01	....	....	1.10	.01	....	....	.08	.02	....	T.	....	T.	.60	1.22	.06	T.	....	....	....	....	....	....	.23	....	....	.38	....	....	5.09
Boswell[2], 6 NW	Somerset	.67	2.01	.21	....	....	....	1.21	....	....	....	....	....	....	.06	....	1.01	.18	.25	.24	....	....	....	.12	....	....	....	.20	....	....	.53	....	6.69
Bradford, 4 W	McKean	.15	54	T.	..	.24	.39	.08	.03	....	.11	.10	....	....	....	....	.08	.37	13	T.	....	....	....	....	....	....	T.	T.	....	.10	....	....	2.32
Brookville[1], 1.5 SW	Jefferson	89	....	T.	....	....	.42	T.	....	....	T.	T.	....	....	....	T.	.24	1.07	....	.05	....	....	....	.03	....	....	....	....	....	T.	....	....	2.70
Buckstown[1, 5]	Somerset	28	72	.08	..	....	1.99	.05	....	....	....	....	....	....	....	....	1.02	.11	.07	....	....	....	.28	....	....	....	.02	....	....	.18	....	....	4.80
Clarion[2], 3 SW	Clarion	.19	....	....	....	....	....	1.31	....	....	....	....	....	....	....	....	.21	.10	1.76	.08	....	....	....	....	....	....	....	....	....	....	....	....	3.65
Corry	Erie	.01	....	..	.15	..	.26	.11	....	..	.03	.05	....	....	....	....	.04	.91	.06	.14	....	....	....	....	....	....	....	....	....	.04	....	....	1.83
Coudersport	Potter	.68	....	.05	....	....	.71	....	....	....	....	....	....	....	....	....	*	.45	.63	.03	....	....	....	....	....	....	....	....	....	.11	....	....	2.66
Coudersport, 7.5 E	Potter	....	....	....	....	....	....	.25	....	T.	....	.05	....	....	....	....	....	.42	.40	.02	....	....	....	....	....	....	.12	....	....	.04	....	....	§§
Derry	W'moreland	.03	.96	.13	..	....	1.42	.09	....	....	.09	....	....	....	....	....	.53	....	1.03	T.	....	....	.14	....	....	....	....	....	....	.20	....	....	4.62
Donegal[1]	W'moreland	.32	.10	.36	....	....	1.35	.15	....	....	....	....	....	....	....	....	.58	.04	.24	.03	....	....	.10	....	....	....	....	....	....	.32	....	....	3.59
Dunlo[1, 5], 0.5 SW	Cambria	.23	.07	....	....	....	1.13	.03	....	....	.08	....	....	....	....	....	.67	.43	.03	....	....	....	.37	....	....	....	.04	....	....	.17	....	....	3.25
Ebensburg[2]	Cambria	1.72	.05	....	T.	....	....	1.70	.02	..	.30	....	....	....	.04	....	.47	.32	1.20	.01	....	....	....	T.	....	....	....	.22	....	....	.07	....	6.12
Ford City[2], 4 S	Armstrong	.62	.07	.11	.11	....	....	.38	....	....	....	....	....	....	....	....	.17	.05	1.35	.12	....	....	....	....	....	....	....	.04	....	....	.08	....	3.10
Franklin[2]	Venango	T.	T.	....	....	....	....	.25	....	T.	....	.05	....	....	....	....	.04	.04	1.44	.03	....	....	....	....	....	....	....	.09	....	....	.04	....	1.98
Glen Hazel[2], 1 NE	Elk	.66	.02	....	.12	....	....	1.13	....	....	.02	.01	....	....	T.	....	01	.21	.96	....	....	....	....	....	....	....	....	.02	....	T	.01	....	3.17
Home[1, 5]	Indiana	.20	.22	.21	.05	....	.54	....	....	....	....	....	....	....	....	....	.35	1.51	....	.39	....	....	.04	....	....	....	.06	....	....	.12	.03	....	3.72
Indiana	Indiana	.08	.44	.65	.10	....	.68	.08	....	....	....	....	....	.09	....	....	22	....	1.15	.08	....	....	....	....	....	....	....	T.	....	.21	.03	....	3.81
Johnstown[2], 0.5 W	Cambria	.31	3.23	.06	....	....	....	1.46	....	....	T.	....	....	....	....	....	.59	.13	.57	....	....	....	....	.23	....	....	....	....	....	....	.04	....	....	6.62
Kane[1], 1 N	McKean	.25	..	T.	T.	....	.76	.02	....	....	.05	.06	....	....	....	....	.18	.60	....	....	....	T.	....	....	....	....	.08	..	.05	....	....	....	2.05

Continued on page 61.

Daily Precipitation for August 1946—Continued from page 60

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kregar[1, 4.5 SE	W'moreland	.94	.09	.32			1.20	.22								T.	.93	05	.15	T.			.17							.31			4.38
Lycippus, 1.5 E	W'moreland	.08	.55	.26			1.58	.29									.46	54	.26	T.			.67							.17	.07		4.93
Marienville[1, 5]	Forest	.50		.05			.65					.20					.20	.91														2.51
Meadville[2], 1 S	Crawford	.02	.02	T.			1	.09				.17	.07				.02	.07	.87	.22										.11	.06		1.72
Mosgrove[2]	Armstrong	.13	.01	.06	.18	T.		.87									.09	.03	1.75		.12										.02		3.31
Parkers Landing[2]	Armstrong	.73					.11	.43									.05		1.05	.22													2.70
Pittsburgh Cty Of[1, 5]	Allegheny	.03	.92	.20	T.		.42							T		T	.41	.08											.11				2.21
Port Allegany[2]	McKean	.48	.19	.08				.57	.02		T	.01			.01		.03	.04	.37	T.	T.									.15			1.93
Punxsutawney[2]	Jefferson	.65	.20		.01			.50			T.	T.					.24	.06	2.02	.28								.09	.04	T.			3.98
Putneyville[2], 2.5 SE	Armstrong	.13	1.32		.15			.30				.05					.18	.04	2.35	.22								T.			.02		4.94
Ridgway[2]	Elk	.32	.06	T.	.48	.03		2.06			T.	T					.02	.12	1.26	T.								.17			.03		4.39
Saltsburg[2]	Indiana	.11	1.58	.21				.92			.10		T.		.04		.24	.12	1.57	.09	.03							.04					5.18
Seward[2]	W'moreland	.17	.78	.05				1.53			.24						.53	.34	.73												.17		4.93
Sheffield[1, 5, 6 W	Warren	.05					.48										.14	.59						.54							.02		1.26
Smethport[1, 5, 1 SW	McKean	.08	.17				.67	.09			.08						.06	.27															1.42
Strongstown[1, 5]	Indiana	.05	.98	.07			.95	.03			.15			.06		.01	41	1.14	.06											.10			4.01
Tionesta[2], 1.5 SE	Forest	.16			.11			.98			T.	.07		T.			.07	.03	.51												.02		1.95
Titusville, 2 S	Crawford	T.	.24				.26	.06			T	.05	.02				12	.53	.05	.02										.17			1.52
Union City[1, 5]	Erie		.03		.80	.20	.11				.03		.03	.01			.12	.44		16										.03			1.96
Vandergrift [1]	W'moreland	.05	.12				.32				.15					T.	.28	1.40	.24	.01										.05			2.62
Warren[2]	Warren	.05	.03			.05		.57			.02	.05					.01	.04	1.63	.06							.01			.02	.03		2.57
Youngsville[1, 5]	Warren				.07		.47				.04	.02					.03	1.07												.15			1.85
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.03	.25	.78	T.			.29	.04						.05		.11	.52	.02					1.26							.17		8.52
Connellsville[2]	Fayette	.95	.32	.32	T.			1.40	.09								.26	.87	.18	T.			T.	.40							.27		5.06
Donora[1]	Washington	.03	.36	.01			1.06	.62			T.					.01	.59	.63	.14				.19	T.			.02						3.06
Greensboro[2]	Greene	1.42	.90	T.				1.72	.07								.49	.27	.09	.04				.15							.56		5.71
Greensburg, 2 S	W'moreland	.11	.90	.30			1.05	.10			T.						.60	.01	.81				1.07							.02			4.97
Irwin	W'moreland	.02	.01	48			.39	.06						.04			.81	.02	1.08				.01	.02						.04	.01		2.99
Meyersdale[2]	Somerset	.03	.74	.17				.85	.05						.03		.07	.05	T.	.18				.32				.02				.02	2.53
Murrysville// 1, 5	W'moreland		.05	.09			.34				.05						.28	.87	.07											.15			1.90
Pittsburgh Arpt.// 1, 5	Allegheny	.06	.30	.40	T		.39	T.			.02			T.		T.	.22	.62	T.				T				T.			.10			2.11
Rices Landing[2]	Greene	.59	.61					.98									.20	.70	.01					.45							.20		3.74
Somerset	Somerset		1.01	.32			.95	.23									.89	.07	.55	.04			.48	.44						.18	.09		5.25
Springs[6], 1 SW	Somerset	.16	.80				*	.49						.02	.02	T.	.35	T.	.06	.01			.23	.08						.07			2.29
Uniontown	Fayette	.04	.54				1.06	.10									.59	T.	.18				.57	.61						.15			3.84
Waynesburg	Greene	.11					1.10										.58						.11							.15			2.05
BEAVER																																	
Beaver Falls[2]	Beaver	.05		.05				.35									.04	.21	.78	.04	T.									T.			1.52
Butler	Butler			.24			.14	.16									.31		1.44														2.29
Farrell[2]	Mercer	.96						.23			T							.20	2.10	.26										T.			3.75
Greenville	Mercer	.01	.56				.16			T.	*	.06				T.	.10	*	*	.79			.02							.12			1.82
Jamestown[2], 2 NW	Mercer	.06		.14	.01	T.	.07	.11		.01		.09	T.			T.	.04	.07	2.34	.10			.01							.35	.09		3.49
Mercer Arpt.[1], 2.5 NE	Mercer		.46		T.		.16		T.		.07	T.				T.	.11	.90		.24										T.			1.94
New Castle[1], 1.5 N	Lawrence		T.				.15				.02						.10	1.08	T.	.11		T					T.			T.		T.	1.46
Pennline . [2], 1 S	Crawford	.03		T.		.06	T.	.05				.48	.17		T.		.04	.07	.58	.22			.06							.02	.07		1.85
OHIO																																	
Claysville[2]	Washington	.15						.99			.11						.04	.06	.06					.25									1.66
Coraopolis[2], 1 E	Allegheny	.02	.01	.12				.49									.02	.18	.40											.02	.01		1.27
Midland[2]	Beaver	T.	T.	T.			T.	.43			.01						.04	.22	.48											T.	.06		1.24
Washington[1, 5]	Washington						.60	.04			.06						.29	.16					.07										1.22
LAKE DRAINAGE																																	
Albion	Erie																																
Erie[1, 5]	Erie	.01	.04		T.		.01				.04		T.	T.		T.	.39	1.68		.01	T.	.01								.03	.03		2.25
Raymond[1, 5]	Potter	*	*	*	*	.95	.67	.10		*	.09			.10			.09	1.42		.18				.03			.07			.03			3.73

[See page 64 for explanation of reference marks.]

Daily Evaporation(inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2], 1 SW.	Evaporation	076	.064	.063	.168	.144	.189	.005	.064	.162	.183	.245	.117	.152	.073	.188	.097	.030	.095	.029	.266	.042	.177	.132	.147	.143	.076	.160	.134	.123	.045	.099	3.678
	Wind movement	10	28	9	23	24	8	14	27	14	33	78	23	21	17	20	31	39	38	15	34	29	25	22	34	21	15	31	14	27	6	35	765
Ford City[2], 4 S	Evaporation	.060	.100	.068	.076	.346	.196	.034	.124	.172	.212	.231	.149	.051	.102	.286	.170	.047	.249	.087	.215	.171	.038	.238	.128	.125	.157	.168	.138	.152	.044	.004	4.186
	Wind movement	10	29	12	15	15	7	39	70	6	21	60	22	31	18	12	50	21	65	31	19	45	12	32	30	34	28	28	13	22	27	17	841
Hawley[2], 1 S.	Evaporation	132	.084	.058	.077	.170	.192	.203	.021	.280	.197	.172	.169	.135	.204	.045	.177	.162	.012	.102	.039	.297	.024	.138	.112	.114	.124	.104	.168	.159	.159	.114	4.154
	Wind movement	32	33	37	21	35	25	26	33	28	123	137	68	86	20	12	32	176	30	22	19	57	24	36	38	37	31	32	51	66	86	24	1477
Jamestown[2], 2 NW	Evaporation	.090	.124	.154	.048	.150	.141	.134	.107	.184	.260	.142	.136	.095	.147	.188	.102	.090		.169	.224	.118	.122	.229	.149	.156	.150	.150	.149	.191	.041	.059	4.287
	Wind movement	40	31	32	16	8	20	36	37	9	63	47	23	28	13	23	54	40	31	16	29	28	10	33	35	15	24	33	12	34	17	25	862
Neffs Mills[2], 3.5 NE.	Evaporation		.058	.076	.060	.152	.186	.066	.058	.154	.182	.320	.092	.136	.106	.210	.128	*.010*	.146	*.004*	.184	.164	.154	.158	.176	.104	.152	.132	.026	.144	.078	.126	3.714
	Wind movement	16	6	1	2	3	4	22	11	3	7	56	2	2	5	15	12	2	15	8	8	21	18	21	23	5	11	11	20	6	24	7	367

Italics mean minus quantity.

[See page 64 for explanation of other references.]

Daily Temperatures for August 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion	Maximum																																
	Minimum																																
Allentown Arpt.[1-4] NE	Maximum	75	72	82	90	89	79	65	89	88	88	78	81	80	82	80	69	89	78	74	79	79	85	74	76	76	75	78	83	79	71	75	79.3
	Minimum	62	58	56	60	64	61	60	55	63	65	60	57	58	56	60	64	66	66	64	58	54	55	57	50	48	50	49	49	56	46	46	57.1
Allentown /[1]	Maximum	75	71	82	88	88	80	66	88	88	88	78	80	78	78	79	71	89	76	74	79	78	84	73	74	76	75	77	82	79	70	74	78 6
	Minimum	63	59	56	60	62	60	61	56	60	67	61	58	60	59	59	63	66	66	65	60	55	56	58	49	47	51	49	51	55	50	47	57.7
Altoona-4.5 W	Maximum	67	66	78	86	86	76	76	84	85	81	73	75	74	74	80	73	84	75	80	75	76	74	69	70	73	73	75	79	70	66	72	75.6
	Minimum	61	58	57	58	61	57	57	53	60	66	56	50	52	45	48	62	68	63	62	52	47	51	51	44	45	46	46	49	53	45	43	53.7
Arendtsville /	Maximum	76	72	82	90	91	77	72	89	88	87	78	80	77	79	81	70	87	72	83	80	79	81	76	77	75	78	79	83	80	72	75	79.5
	Minimum	64	61	60	58	62	64	61	59	60	64	58	53	55	53	50	56	63	66	67	55	56	54	57	49	52	51	52	50	55	48	46	56.7
Beavertown	Maximum	84	78	77	86	85	87	75	87	86	86	76	84	79	78	79	80	87	70	79	82	78	79	79	74	74	75	77	78	81	75	71	$79 4
	Minimum	61	57	56	45	60	58	60	52	63	67	58	54	54	48	46	65	60	50	66	51	50	49	52	43	48	48	43	43	51	38	42	$52.8
Berwick	Maximum	72	72	79	88	87	84	71	87	89	88	74	79	79	78	81	77	90	75	79	79	78	81	80	73	74	75	78	81	81	72	74	79.2
	Minimum	63	60	57	60	64	60	62	57	63	69	61	56	57	52	51	67	67	66	64	55	53	52	59	48	47	54	51	53	57	42	43	57.1
Bethlehem[1]	Maximum	73	69	81	88	88	77	65	89	87	85	76	80	77	77	79	66	89	72	72	79	80	84	74	75	77	76	78	85	79	72	75	78.2
	Minimum	62	58	57	63	67	64	60	56	65	68	63	58	60	59	58	61	65	64	63	59	56	58	60	54	52	56	56	56	54	49	47	59.0
Blairsville[1-6] NE	Maximum	71	72	81	83	80	70	74	80	82	75	70	69	70	76	80	70	79	69	76	72	70	71	66	68	68	70	71	74	61	64	68	72.6
	Minimum	59	56	57	63	63	61	55	55	63	59	55	53	50	50	56	62	63	62	60	54	49	54	48	48	50	50	51	52	47	44	46	54.7
Bradford-4 W	Maximum	65	71	78	82	79	76	83	82	80	69	69	69	74	80	77	79	77	77	77	74	70	65	64	65	68	74	76	75	62	70	73.6	
	Minimum	59	56	56	49	55	55	55	46	52	62	54	41	49	40	39	65	64	57	57	49	49	49	38	38	34	37	41	41	51	34	34	48 6
Brookville[1-1 5 SW	Maximum	70	71	81	84	84	71	78	85	84	75	71	71	70	75	80	76	80	75	78	71	73	76	68	69	71	71	77	78	62	69	73	74.7
	Minimum	60	57	56	54	60	59	59	52	63	62	56	50	47	43	44	66	63	60	58	50	45	51	42	39	39	42	43	42	43	40	39	51.1
Burnt Cabins[1-2 NE	Maximum	74	74	82	90	89	77	70	87	86	88	78	79	81	78	81	73	89	70	86	78	80	81	74	74	76	75	78	83	82	72	74	79.3
	Minimum	63	59	58	57	62	59	58	53	58	68	57	48	50	45	47	64	65	67	62	52	50	50	48	41	44	42	41	45	56	40	38	53.1
Butler	Maximum	75	78	78	88	90	90	77	85	90	88	80	80	75	76	84	86	80	82	80	79	77	79	74	72	75	72	78	80	82	70	71	79.7
	Minimum	62	62	60	55	56	63	62	51	65	71	50	48	55	41	41	66	70	62	64	55	40	40	42	41	41	40	43	43	58	43	41	52.6
Canton /-1 NW	Maximum	66	67	76	84	83	74	71	84	83	80	72	72	74	77	75	69	83	80	75	72	72	75	68	71	72	73	78	76	71	73	71	74.6
	Minimum	59	56	55	57	62	57	56	55	60	66	56	49	53	46	46	54	63	59	62	53	42	50	49	44	48	45	43	42	51	39	44	52.3
Carlisle	Maximum	80	73	81	87	87	80	70	83	85	86	82	77	76	75	79	78	85	74	82	78	80	81	73	73	74	72	77	80	80	68	72	78.3
	Minimum	66	62	63	60	64	64	61	59	65	69	62	57	56	54	50	67	67	68	68	57	57	55	55	50	47	52	51	52	62	47	47	58.6
Chambersburg[6-1 SW	Maximum	78	71	81	90	90	75	71	88	86	86	78	81	79	80	81	71	87	73	86	80	81	82	76	76	76	78	79	83	80	72	74	79.6
	Minimum	62	61	61	58	63	63	61	53	60	63	60	52	54	49	50	64	63	66	67	54	54	53	55	45	47	46	44	48	57	46	42	55.5
Clarion[6-3 SW	Maximum	74	74	83	88	88	74	74	81	86	86	78	73	72	74	80	83	77	83	79	81	74	76	76	70	70	74	77	78	80	64	68	74	77.3
	Minimum	60	58	56	54	58	61	59	51	62	63	56	48	51	42	45	65	64	59	64	50	45	51	41	41	40	43	42	44	53	38	38	51.7
Claysville /	Maximum	76	74	85	86	88	68	80	86	84	79	74	72	73	79	84	73	81	81	81	78	78	75	70	72	73	76	79	80	64	69	74	77 2
	Minimum	61	53	59	57	59	59	61	51	58	68	53	46	46	43	44	59	67	63	62	49	45	52	42	39	43	40	41	43	46	41	39	51.3
Coalport /	Maximum	73	69	80	87	87	72	75	86	86	79	74	76	75	78	80	75	84	71	80	74	77	78	70	72	74	76	76	81	67	69	74	76 6
	Minimum	56	57	56	53	55	56	56	53	51	58	56	54	49	43	42	43	63	63	63	50	47	47	46	40	39	41	41	41	41	44	37	49.7
Coatesville /	Maximum	74	75	81	89	88	83	67	87	82	85	78	80	81	79	79	70	88	77	79	80	81	82	75	75	76	75	78	82	80	70	74	79.0
	Minimum	62	60	57	59	64	62	59	54	57	64	63	52	56	58	51	55	66	65	68	60	55	56	59	48	47	48	48	48	52	48	43	56.3
Columbia	Maximum	78	76	85	92	91	80	69	90	90	90	80	83	80	82	82	71	90	83	85	85	82	86	79	77	78	80	82	85	82	74	77	82.1
	Minimum	66	61	60	60	62	64	60	59	64	71	61	65	55	55	54	66	69	67	68	58	57	57	58	52	49	52	55	51	61	48	46	59.1
Corry	Maximum	68	74	82	83	84	74	79	85	85	81	79	72	72	76	82	77	79	82	75	70	73	70	67	68	70	73	76	79	71	77	75	76.1
	Minimum	60	58	52	52	55	57	53	48	58	60	56	47	46	38	44	66	65	66	64	53	50	49	40	38	35	42	39	45	53	32	33	50.1
Coudersport	Maximum	69	75	77	84	83	73	79	84	85	80	83	78	72	75	79	77	79	78	80	79	70	73	66	69	72	73	72	77	76	65	71	75.9
	Minimum	59	55	57	53	60	63	58	49	56	51	48	43	50	45	42	64	67	68	60	48	45	42	40	36	40	40	39	40	49	37	40	49.8
Curwensville[1-6 NW	Maximum	67	66	76	80	80	66	71	80	80	74	67	69	68	71	77	68	77	72	76	68	69	72	67	65	67	69	70	74	62	62	68	70.9
	Minimum	55	55	55	57	60	57	55	54	62	57	54	49	52	47	51	62	60	60	54	47	44	50	45	42	48	46	45	48	43	38	41	51.4
Derry	Maximum	75	74	82	88	86	79	78	85	86	84	79	74	70	77	84	79	83	70	82	77	76	71	70	70	73	75	77	76	79	68	74	77.5
	Minimum	63	60	57	60	65	62	54	64	62	68	60	55	52	42	62	67	69	65	60	57	47	44	46	44	46	44	44	46	54	42	45	55.3
Donegal[1]	Maximum	73	70	80	84	83	66	69	83	82	79	70	70	71	75	80	70	80	68	78	74	74	72	66	68	68	70	72	77	69	65	68	73.4
	Minimum	59	55	54	54	59	57	58	49	58	64	54	48	43	40	50	62	66	61	59	51	42	48	40	37	44	36	37	39	47	40	36	49.9
Donora[1]	Maximum	76	79	88	88	91	75	81	84	88	84	76	78	77	78	86	75	86	75	84	80	80	76	74	74	75	77	80	82	67	69	78	79.4
	Minimum	63	62	65	66	66	67	64	61	67	73	61	56	55	52	55	68	71	67	65	57	53	60	52	46	53	48	49	52	53	47	48	58.8
Eagles Mere /	Maximum	67	69	75	79	80	79	76	80	77	79	70	69	67	73	75	65	76	77	75	75	73	77	69	66	67	65	75	75	67	63	63	72 4
	Minimum	58	54	54	56	61	61	54	55	57	64	54	53	53	49	49	58	60	59	60	52	51	51	50	46	46	48	49	49	54	40	40	52.9
East Waterford[6-3 E	Maximum	65	64	75	84	83	70	63	81	80	80	73	73	71	72	75	66	80	67	78	72	73	75	69	67	69	69	71	77	73	63	68	72.5
	Minimum	57	56	58	64	67	60	57	59	68	67	58	56	57	52	58	61	66	62	63	58	55	60	52	50	51	52	51	57	55	45	50	57.5
Ebensburg /	Maximum	71	68	76	83	81	70	73	80	81	74	68	69	68	75	79	79	79	68	76	70	71	69	61	66	71	71	71	74	61	65	68	72.1
	Minimum	59	56	56	57	62	60	57	51	60	63	55	50	49	42	51	62	63	61	61	53	48	51	46	41	44	44	41	47	53	43	42	52.5
Emporium /-1 E	Maximum	68	71	78	86	87	68	80	86	86	81	74	71	79	79	82	74	83	79	83	75	76	78	67	70	74	76	77	80	69	67	75	76.7
	Minimum	61	57	58	58	63	57	60	55	60	66	53	49	53	46	45	60	56	59	63	53	49	51	46	44	42	42	44	45	48	42	44	52.5
Ephrata	Maximum	79	75	84	90	90	87	68	88	89	90	80	81	81	79	80	75	89	81	81	81	79	82	76	75	77	77	79	83	80	71	75	80.7
	Minimum	65	61	60	61	66	65	59	55	64	70	62	56	56	55	56	63	68	67	66	58	58	64	60	49	47	51	50	50	64	49	45	58.7
Erie[1]	Maximum	70	75	77	84	81	75	80	85	88	79	71	71	72	76	85	78	80	76	73	69	73	69	69	69	71	74	75	78	66	66	74	75.1
	Minimum	63	62	63	65	67	66	64	65	69	65	63	60	59	54	61	70	66	62	68	61	58	59	56	53	54	59	56	64	57	49	54	61.0
Everett[1-0.5 SW	Maximum	75	69	80	88	88	72	72	86	87	86	76	77	76	78	66	72	88	69	86	78	80	76	71	74	73	75	76	83	79	70	73	77.4
	Minimum	63	60	58	56	61	61	58	58	59	55	55	51	52	46	47	64	66	66	61	54	50	50	48	43	48	47	47	43	52	43	44	53.7
Farrell	Maximum	77	76	87	94	91	89	85	91	91	81	76	74	76	84	87	85	81	86	80	79	83	82	74	72	73	78	82	85	84	69	81	81.7
	Minimum	65	66	64	63	72	68	64	57	67	66	62	54	60	49	55	72	69	67	68	59	53	61	50	50	48	50	50	53	57	45	44	59.0
Ford City /-4 S	Maximum	75	73	83	87	87	70	79	86	85	80	75	75	73	78	85	75	82	78	80	77	77	75	71	72	73	76	78	80	65	69	75	77.2
	Minimum	59	60	59	56	58	61	61	55	56	65	59	57	53	45	47	52	66	63	62	55	49	50	43	44	43	46	45	46	46	45	43	53 2
Franklin /	Maximum	74	75	82	87	85	68	82	86	85	78	76	73	74	79	82	80	80	83	78	78	76	76	71	70	73	74	79	80	62	67	75	76 9
	Minimum	61	62	58	58	58	62	59	52	52	63	59	50	51	44	44	48	67	60	61	57	46	47	46	43	41	41	45	45	47	40	40	51 8
Fredericksville-1 S	Maximum	72	70	79	85	87	78	66	85	85	85	76	77	75	76	77	71	76	74	73	77	76	81	72	71	73	73	76	80	76	68	71	76 2
	Minimum	58	58	59	65	65	60	59	55	65	67	52	56	59	61	53	61	68	64	63	54	52	63	58	58	60	52	47	46	57	46	41	57.5
Freeland	Maximum	70	74	79	82	83	78	78	82	83	79	80	79	72	73	72	69	81	69	70	72	72	76	73	68	69	69	73	76	72	72	73	74 8
	Minimum	53	55	63	60	63	60	66	55	66	63	55	54	54	51	51	58	62	61	58	54	52	53	52	46	47	51	48	53	57	40	47	55.1
George School[6]	Maximum	75	73	80	87	88	82	71	84	87	83	79	79	77	78	80	74	85	88	74	81	80	83	77	75	77	76	78	82	81	70	75	79 3
	Minimum	59	60	58	64	66	64	60	60	63	67	61	55	61	59	57	60	66	66	63	64	57	59	60	50	49	52	54	52	64	48	47	58.9
Gettysburg	Maximum	80	71	80	87	88	87	70	84	85	87	82	79	76	75	78	77	82	80	81	80	76	79	73	71	72	74	76	79	78	76	70	78 5
	Minimum	65	62	64	62	67	66	61	57	63	70	63	57	55	55	51	65	64	67	69	59	58	57	59	50	51	50	50	53	62	50	46	59.0
Gordon	Maximum	77	70	79	88	86	78	70	86	87	84	77	77	77	77	78	72	87	71	77	77	80	81	75	65	75	76	75	82	77	66	72	77 4
	Minimum	62	58	57	57	57	56	60	65	57	63	55	50	52	54	51	62	63	62	60	47	45	55	40	37	48	43	43	43	57	38	36	52.6
Greensburg-2 S	Maximum	76	73	82	85	85	77	78	85	83	79	75	74	72	79	82	75	81	74	80	78	71	73	70	71	71	74	75	78	74	68	73	76.5
	Minimum	63	60	56	55	62	58	66	53	61	70	60	52	46	43	45	64	69	65	57	50	48	50	42	42	42	42	42	49	46	40	53.0	
Hanover /	Maximum	75	73	81	90	89	78	70	86	86	89	85	79	76	78	79	71	86	78	83	81	79	84	75	75	76	77	78	81	78	70	73	79.3
	Minimum	67	63	63	62	67	68	61	57	62	69	60	58	57	57	55	60	65	67	68	60	61	60	60	52	51	52	50	55	60	51	47	59 5
Harrisburg Arpt.[1-3.5 S	Maximum	71	77	84	93	90	76	72	86	88	88	79	82	81	78	80	72	88	73	82	81	82	83	74	73	75	76	76	83	80	69	74	79.5
	Minimum	66	62	63	61	66	63	61	59	65	69	60	58	56	56	54	67	69	68	66	60	59	57	56	51	51	53	53	54	59	50	49	59.4
Hawley-0.5 E	Maximum	74	68	76	88	85	80	65	86	88	83	75	77	74	78	79	69	86	81	68	79	78	80	70	74	76	74	77	80	79	69	74	77.1
	Minimum	58	56	51	57	59	53	58	51	56	62	56	50	52	54	51	61	64	60	61	56	47	47	54	44	42	58	45	43	53	39	38	52.6
Hewitt-2 SW	Maximum	76	75	84	86	89	79	74	85	86	85	76	78	79	80	73	85	89	80	80	85	78	78	81	74	70	74	80	81	80	74	72	79.5
	Minimum	67	50	60	64	65	64	66	61	61	70	60	54	52	50	57	66	66	64	64	67	58	59	54	48	52	49	50	59	60	53	55	58.9
Holtwood[1]	Maximum	73	73	82	90	88	82	68	84	90	88	77	81	77	79	82	73	86	77	83	81	77	82	73	73	73	73	75	81	81	68	72	78.8
	Minimum	69	64	66	66	71	65	64	64	66	72	64	61	63	63	63	68	70	70	70	64	63	63	59	57	59	59	57	61	55	55	63.7	
Huntingdon	Maximum	71	71	80	86	87	75	77	86	87	84	76	76	76	77	81	74	88	76	85	79	78	77	71	73	75	76	77	82	73	70	74	$77.9
	Minimum	61	61	61	58	63	58	61	57	63	67	61	56	52	49	49	66	66	66	65	52	50	52	52	46	45	47	46	48	53	47	43	55.5

Continued on page 63.

Daily Temperatures for August 1946—Continued from page 62.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	74	75	81	86	85	76	78	85	85	82	74	73	69	77	84	71	78	77	79	78	75	75	73	68	72	74	76	79	75	67	72	76.6
	Minimum	62	59	58	58	62	63	60	55	64	70	49	54	52	44	56	65	69	64	60	54	49	55	50	43	48	47	44	49	55	44	42	55.0
Irwin	Maximum	77	76	83	87	87	87	77	85	85	85	76	75	78	79	84	81	80	77	82	80	78	77	71	73	74	76	76	79	79	66	74	78.8
	Minimum	64	64	62	65	65	64	63	64	66	71	62	56	52	58	62	62	71	65	63	56	56	58	49	50	53	55	55	58	58	48	54	59.6
Jamestown/-2 NW	Maximum	77	75	85	89	85	77	85	89	86	79	74	73	77	80	85	84	81	85	80	75	79	75	72	70	73	77	78	83	62	70	80	78.7
	Minimum	60	57	59	55	57	61	57	50	59	65	57	48	47	39	51	59	67	61	61	54	43	51	44	45	39	42	41	50	53	37	41	52.0
Johnstown/	Maximum	78	72	84	89	90	70	78	88	88	84	76	79	76	80	85	74	87	72	84	78	80	74	72	73	75	78	79	82	70	72	77	78.8
	Minimum	58	59	59	58	63	62	63	62	62	66	62	56	50	49	49	65	70	67	66	57	52	54	52	48	50	48	48	48	54	46	45	56.4
Kane[1]-1 N	Maximum	67	67	80	82	81	64	75	82	85	75	68	69	68	74	79	70	79	78	77	68	71	70	64	67	67	70	73	75	59	64	70	72.2
	Minimum	56	55	52	56	56	53	55	44	57	59	34	40	43	35	38	64	60	57	54	46	43	43	35	35	30	35	36	38	35	32	32	45.4
Lancaster	Maximum	78	73	81	88	88	83	68	86	85	88	87	80	78	80	78	76	84	80	80	78	78	80	76	73	74	75	78	80	79	70	72	79.2
	Minimum	62	57	58	57	63	61	58	53	60	65	59	54	52	54	54	60	64	65	66	56	55	55	60	48	47	47	48	47	60	46	43	55.9
Lawrenceville	Maximum	68	71	79	86	85	75	73	86	87	82	73	72	73	77	81	74	80	87	79	74	74	72	70	70	72	74	74	80	69	68	75	76.1
	Minimum	59	58	57	58	63	57	59	55	58	67	59	50	51	49	49	66	59	59	66	51	50	53	48	46	44	49	48	47	42	39	46	53.6
Lebanon	Maximum	72	75	84	91	91	78	71	88	89	90	78	81	81	80	86	72	90	77	79	80	82	84	74	75	78	77	79	85	82	70	75	80.3
	Minimum	65	60	60	60	62	64	60	56	60	66	60	58	56	54	54	61	52	66	65	56	58	54	60	48	46	43	48	50	51	47	44	56.3
Lewistown/-2 SW	Maximum	72	73	80	89	90	77	74	91	89	87	76	81	78	80	82	71	89	75	85	80	81	81	75	74	77	76	80	85	78	72	77	79.8
	Minimum	65	62	62	62	62	62	62	57	57	65	63	58	57	51	51	51	66	66	67	56	54	54	56	48	48	51	47	47	50	44	44	56.3
Lock Haven[6]	Maximum	68	71	77	87	88	74	75	87	89	85	75	79	77	80	84	76	88	82	84	78	80	82	75	73	76	76	80	83	74	74	77	79.2
	Minimum	62	61	59	60	62	60	60	57	63	68	60	58	55	50	50	67	67	65	67	55	52	52	55	46	44	49	47	49	54	44	48	56.1
Marcus Hook/	Maximum	78	78	85	89	94	86	74	93	90	87	85	88	85	84	82	76	90	77	82	88	84	85	83	82	83	82	84	84	80	75	81	83.7
	Minimum	66	63	65	68	72	72	63	65	69	72	66	63	68	63	62	66	68	70	69	67	64	65	66	58	57	59	58	61	62	55	54	64.3
Martinsburg[1]	Maximum	67	67	78	86	84	69	70	84	84	79	72	73	74	75	79	72	83	67	80	73	75	78	69	70	71	73	72	77	70	68	69	74.3
	Minimum	60	63	58	58	63	59	59	52	70	63	59	52	53	47	52	64	64	64	62	55	50	53	49	43	48	46	44	50	47	41	43	54.5
Mauch Chunk-1 SW	Maximum	82	73	78	84	83	81	74	82	84	83	81	75	74	74	75	74	85	72	73	75	77	78	74	70	74	71	72	75	78	70	69	§76.5
	Minimum	58	57	54	51	52	53	60	53	67	69	58	52	53	51	48	61	63	62	62	54	47	49	55	46	39	41	47	43	56	44	36	§52.6
Meadville/-1 S	Maximum	71	76	83	87	86	68	81	87	85	75	70	70	73	78	83	80	77	84	76	73	76	70	69	67	71	74	78	81	59	67	75	75.8
	Minimum	62	56	54	56	59	60	57	50	53	62	57	49	47	42	46	56	68	60	61	56	46	47	44	43	39	43	43	47	49	39	37	51.3
Mercer[1]-2.5 NE	Maximum	72	72	81	85	83	67	80	84	83	76	69	70	70	75	80	78	77	80	75	72	74	71	68	67	69	74	75	77	63	65	74	74.4
	Minimum	58	60	59	56	60	62	56	53	62	59	51	46	48	45	53	66	63	59	60	50	43	47	43	42	41	45	44	49	47	36	42	51.8
Middletown[1]-1.5 W	Maximum	71	74	82	90	89	76	72	86	87	87	77	80	77	78	79	72	88	74	82	80	80	83	74	74	74	78	76	83	80	69	77	78.9
	Minimum	66	60	64	62	65	65	61	60	65	68	60	59	53	56	52	67	68	66	65	56	59	57	60	53	47	53	54	50	58	49	48	58.9
Midland[6]	Maximum	76	75	84	87	88	74	82	81	86	79	73	73	75	79	85	78	82	80	78	76	77	75	75	70	72	76	78	78	65	67	75	77.4
	Minimum	64	61	62	62	64	64	63	50	62	65	61	53	57	50	55	66	68	64	64	56	51	57	48	46	48	48	49	50	50	47	46	56.5
Montrose/-3 E	Maximum	73	68	74	83	80	79	69	82	83	81	70	70	69	71	74	67	82	77	70	70	72	73	66	66	66	65	70	75	65	68	72.5
	Minimum	58	55	51	55	60	59	56	54	57	63	55	56	53	47	50	55	62	59	60	53	51	53	49	47	47	51	48	48	49	40	44	52.9
Mt. Pocono[1]-2 N	Maximum	71	68	71	82	78	77	61	81	80	78	69	72	69	70	70	65	82	70	65	72	70	74	65	65	66	70	68	76	76	61	66	71.1
	Minimum	56	52	52	56	60	55	55	54	58	60	49	50	48	51	50	59	61	61	58	51	50	48	49	46	44	50	47	43	45	37	42	51.5
New Bloomfield	Maximum	75	74	81	89	89	86	71	86	87	88	79	79	78	77	80	76	88	72	84	82	80	81	75	76	74	73	78	83	79	69	71	79.5
	Minimum	62	58	59	56	59	58	59	56	61	65	56	54	54	46	45	63	62	64	66	51	50	49	42	41	45	45	40	44	55	41	39	52.9
Newburg[1]-3.5 NW	Maximum	69	64	75	83	82	73	68	82	78	80	72	74	73	73	74	60	82	60	77	72	72	74	66	70	72	68	72	77	75	64	67	72.5
	Minimum	56	54	53	52	54	55	55	50	54	60	50	46	44	44	44	58	58	58	60	50	48	48	44	41	41	42	42	42	49	38	38	49.3
New Castle-1.5 N	Maximum	77	77	80	89	88	72	84	88	88	80	74	73	75	81	89	81	82	84	79	74	80	75	71	72	74	77	79	81	79	68	78	79.0
	Minimum	62	60	59	57	60	62	59	61	51	63	59	46	51	43	49	67	64	61	59	53	48	52	44	43	43	44	44	46	48	44	42	53.0
Palmerton[1]	Maximum	74	67	78	86	80	76	66	85	86	84	75	78	75	78	77	69	87	73	72	78	76	82	72	72	75	70	74	79	79	67	73	76.4
	Minimum	62	56	53	59	61	58	58	53	62	62	56	55	56	58	56	68	66	66	65	59	54	58	57	49	44	51	48	47	52	44	42	55.8
Park Place[1]-1 NW	Maximum	69	63	73	81	82	72	65	80	81	80	69	73	70	71	71	66	82	68	69	73	72	76	66	67	68	69	71	76	74	62	69	72.0
	Minimum	57	54	55	61	65	60	57	56	67	61	57	54	54	49	53	59	62	61	59	55	55	56	50	47	48	52	48	55	46	40	48	54.9
Phila. Arpt.[1-7 SW	Maximum	73	74	83	88	90	82	69	86	89	83	78	82	80	79	80	75	89	77	78	82	81	84	76	75	76	75	78	83	79	70	74	79.6
	Minimum	63	63	64	67	70	65	63	63	64	71	64	59	62	61	60	64	70	70	66	64	62	63	60	56	54	55	56	56	58	53	50	61.8
Philadelphia C.O.[1]	Maximum	75	75	81	87	89	83	71	89	88	83	79	80	79	82	79	75	87	77	75	82	81	82	76	76	77	77	79	81	79	72	75	79.7
	Minimum	64	63	65	68	71	71	64	65	69	71	68	66	64	62	63	65	70	70	67	68	68	67	63	59	58	59	59	62	59	55	56	64.5
Phila. Shawmont	Maximum	80	76	82	90	89	90	78	88	87	88	87	82	78	80	80	75	72	89	80	82	80	82	81	78	77	68	79	82	81	76	76	81.1
	Minimum	62	62	60	66	67	65	62	61	64	69	61	57	62	59	57	63	65	67	66	64	59	62	62	64	51	53	54	52	67	49	49	60.7
Philipsburg[1]-7 E	Maximum	66	67	74	82	81	68	69	82	82	79	69	71	71	72	76	69	80	71	78	70	72	73	65	66	70	69	71	75	63	63	69	72.0
	Minimum	57	57	55	49	54	52	51	45	58	59	50	45	43	37	44	62	62	61	51	47	38	44	38	32	31	38	33	36	38	34	34	46.3
Phoenixville-1.5 SE	Maximum	77	75	83	89	92	87	68	88	90	86	85	84	80	80	81	78	91	82	77	85	82	85	76	78	78	78	79	85	83	71	78	81.6
	Minimum	66	63	59	60	64	61	62	59	61	68	58	52	58	57	55	61	66	68	67	59	55	58	61	48	44	46	48	51	64	48	43	57.7
Pittsburgh Arpt.[1-7.5 SE	Maximum	76	72	84	89	89	71	78	82	85	79	73	74	73	77	84	72	83	72	79	77	77	76	71	69	71	75	78	80	65	65	74	76.5
	Minimum	63	60	61	64	66	64	62	60	68	63	60	55	57	53	59	65	66	64	63	58	55	57	51	51	51	53	52	54	50	49	51	58.2
Pittsburgh City Office[1]	Maximum	78	76	85	89	88	70	81	87	87	81	71	76	75	78	84	75	83	76	82	78	78	76	72	73	73	76	78	82	69	70	76	78.3
	Minimum	66	63	63	67	69	65	63	62	69	61	63	58	57	52	58	68	68	66	67	62	56	59	53	51	52	53	53	55	54	52	52	60.0
Port Clinton/	Maximum	73	72	81	88	88	72	90	86	86	83	75	79	73	77	76	69	87	72	74	77	78	82	72	72	75	73	74	82	79	69	73	77.6
	Minimum	60	59	55	59	62	58	60	55	58	65	59	54	52	53	49	55	65	60	64	55	52	50	58	45	42	48	47	45	58	43	40	54.4
Putneyville-2.5 SE	Maximum																																
	Minimum	55	56	55	53	59	59	58	50	61	64	56	49	50	40	49	63	67	60	67	51	58	49	40	50	38	40	41	42	50	39	39	51.9
Quakertown-0.5 E	Maximum	79	72	79	86	86	84	72	83	85	83	77	78	76	74	78	75	87	81	72	79	78	82	77	72	73	75	76	79	78	67	72	77.9
	Minimum	60	57	60	70	60	63	57	53	55	63	59	60	55	55	60	52	64	62	61	66	55	54	52	60	46	45	48	45	60	47	43	56.4
Reading[1]	Maximum	74	74	82	90	91	80	67	89	89	89	78	81	80	80	80	73	89	71	78	81	79	84	76	75	76	75	78	83	80	72	74	79.6
	Minimum	66	62	62	65	68	65	60	59	67	72	63	58	58	58	58	66	69	68	66	62	60	58	59	53	51	54	54	54	57	51	48	60.4
Ridgway/	Maximum	69	72	83	86	87	68	79	87	86	79	72	74	73	78	83	73	82	80	81	73	75	76	69	70	72	73	78	80	65	68	75	76.3
	Minimum	60	56	53	50	53	55	58	52	53	61	53	46	47	43	42	44	65	58	58	46	43	44	41	39	36	37	40	40	43	39	38	48.2
Scranton[1]	Maximum	76	68	78	86	84	82	70	85	88	84	73	75	72	75	78	72	84	81	77	76	76	80	70	71	71	70	74	79	76	67	72	76.5
	Minimum	62	59	57	60	64	60	61	55	61	66	61	54	58	55	52	66	66	63	65	59	52	51	55	50	46	45	46	55	51	46	52	56.4
Selinsgrove	Maximum	73	73	78	85	86	83	75	88	88	86	76	88	77	78	83	77	88	78	80	80	79	80	76	74	76	77	79	80	76	79	80	79.9
	Minimum	64	66	57	58	60	59	59	53	63	69	59	53	54	48	48	54	63	64	64	52	50	51	55	42	42	49	44	44	54	38	41	53.9
Somerset	Maximum	76	69	80	84	84	80	73	83	81	80	72	72	71	76	80	74	81	74	78	74	75	73	67	69	68	72	72	76	71	65	68	74.8
	Minimum	60	56	53	52	58	55	58	50	57	64	56	60	42	43	45	62	65	63	61	48	44	48	46	39	42	39	38	37	50	39	40	50.6
Springs[6]-1 SW	Maximum	72	64	72	81	82	73	68	79	81	77	68	68	67	73	76	68	78	70	78	71	73	73	65	67	64	68	70	75	70	70	67	71.9
	Minimum	60	55	52	55	58	56	57	49	56	50	55	47	44	48	45	61	65	61	55	47	43	45	44	39	45	38	37	45	40	34	41	49.3
State College[1]	Maximum	69	68	76	86	86	70	70	87	85	80	74	77	74	76	80	70	84	74	81	75	78	78	70	70	75	72	75	80	69	68	72	75.8
	Minimum	60	59	59	57	59	60	59	54	65	64	61	55	55	48	50	65	63	63	63	56	51	52	50	45	44	50	45	48	50	44	45	54.8
Stroudsburg-2 E	Maximum	85	78	80	86	90	86	75	90	92	87	80	81	80	79	81	77	91	87	86	80	79	82	79	75	72	79	78	82	83	81	78	81.7
	Minimum	63	58	53	59	59	55	61	54	56	54	52	59	52	57	52	56	64	64	62	58	51	51	57	44	41	43	49	44	46	42	41	53.5
Tamarack/-2 S	Maximum	63	65	70	81	81	76	70	81	80	76	80	69	69	69	75	67	79	73	76	79	70	73	63	63	65	69	70	74	65	62	69	71.7
	Minimum	58	56	56	57	59	62	56	55	55	61	53	50	50	46	47	54	61	58	59	52	48	49	47	45	44	45	46	46	52	40	41	52.0
Tionesta/-1.5 SE	Maximum	71	72	81	86	86	66	80	85	84	76	70	70	71	75	81	76	80	82	75	69	74	74	68	66	72	76	76	79	60	65	73	74.8
	Minimum	61	60	57	56	58	60	58	53	54	65	57	49	50	45	45	50	66	59	62	55	47	48	44	43	41	41	43	46	50	37	38	51.5
Titusville-2 S	Maximum	69	72	80	83	83	76	77	85	82	78	69	69	69	74	79	76	79	82	73	70	71	69	65	66	70	69	77	77	72	62	72	74.0
	Minimum	61	57	56	52	55	58	56	49	60	64	55	45	47	38	51	65	64	58	63	54	46	54	40	37	35	40	39	47	51	32	40	50.6
Towanda-1 E	Maximum	72	71	80	88	85	77	72	88	87	84	76	75	74	77	81	73	85	82	83	75	76	78	74	72	74	73	76	80	73	70	75	77.6
	Minimum	60	57	55	55	61	55	59	54	57	68	58	50	54	50	46	65	62	61	61	51	49	48	51	45	44	53	47	43	43	40	45	53.2
Tunkhannock	Maximum	74	72	77	89	85	84	70	86	86	87	85	77	73	76	78	77	84	80	78	78	75	77	75	72	74	71	75	79	77	69	73	77.8
	Minimum	62	58	55	59	62	56	60	55	59	69	60	51	55	51	50	66	64	62	64	53	52	50	53	46	45	55	48	45	55	40	42	54.9

Continued on page 64.

Daily Temperatures for August 1946—Continued from page 63.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum..	70	76	85	87	89	84	75	82	85	84	78	76	76	80	86	77	83	77	86	79	78	77	71	74	72	76	77	80	75	67	75	78.6
	Minimum..	62	60	59	60	66	63	62	57	64	72	60	55	52	51	59	67	69	65	62	57	51	56	49	45	52	45	45	47	56	48	45	56.8
Vandergrift[1]	Maximum..	76	72	84	89	89	72	81	87	88	81	78	77	73	81	88	76	82	78	83	79	78	77	73	72	75	80	82	81	67	69	74	78.6
	Minimum.	62	62	61	60	64	64	63	57	65	66	62	55	54	46	49	68	71	66	64	56	50	56	46	45	47	46	48	48	52	46	44	56.2
Warren	Maximum..	71	71	88	87	88	78	83	88	88	80	72	75	75	80	83	78	83	83	80	76	74	75	69	69	73	78	78	81	70	69	75	77.8
	Minimum..	61	59	56	56	62	56	55	53	60	65	56	48	48	45	44	62	64	60	64	52	50	47	45	42	42	42	45	47	53	40	42	52.3
Waynesburg	Maximum..	74	72	78	85	87	84	78	84	83	82	75	76	74	79	84	76	80	77	82	76	78	74	74	74	75	78	79	79	74	67	74	77.8
	Minimum..	62	56	59	58	63	60	61	54	64	70	57	49	49	49	39	65	69	64	61	53	47	54	47	41	46	41	41	43	54	42	41	53.5
Wellsboro/	Maximum..	69	72	79	85	86	71	74	87	86	81	73	70	74	77	82	69	85	81	81	75	75	76	69	70	72	74	75	79	68	70	73	76.1
	Minimum..	59	58	57	55	56	56	56	53	53	59	54	47	49	48	48	48	64	61	61	49	45	47	47	43	41	42	44	44	45	36	37	50.4
West Chester	Maximum..	74	73	80	87	88	83	68	85	88	83	79	82	80	77	80	72	87	80	78	82	77	82	75	75	75	76	77	82	81	79	78	79.0
	Minimum..	64	60	61	63	68	66	59	59	64	68	60	56	61	59	56	61	67	66	65	60	59	60	60	52	50	52	52	54	64	59	47	59.7
Wilkes-Barre[1] Apt. -3N.	Maximum..	78	70	80	89	87	83	71	87	87	84	76	78	75	78	78	71	85	80	78	82	77	76	81	73	73	74	72	76	80	78	69	74	78.1
	Minimum..	61	57	56	60	63	58	59	55	61	62	56	55	56	54	52	67	66	64	65	56	53	52	53	50	47	53	51	48	50	43	44	55.7
Williamsport Arpt.[1]-4 E	Maximum..	69	74	77	88	87	75	74	87	89	85	75	78	75	77	81	70	88	80	80	77	76	79	74	73	74	78	75	80	72	67	74	77.5
	Minimum..	64	60	61	61	62	60	60	59	63	61	59	53	53	51	50	66	66	65	62	54	54	53	51	48	46	52	50	50	48	43	53	56.1
Williamstown	Maximum..	80	72	80	88	86	85	70	86	86	86	84	79	79	78	78	77	82	81	79	77	79	81	78	73	76	76	78	82	80	71	72	§79.3
	Minimum..	62	60	56	55	60	58	60	52	59	67	63	52	50	52	47	65	66	65	64	52	49	48	59	46	47	48	47	44	58	42	38	§54.5
Woodward Apt[1]-2 NE..	Maximum..	64	67	72	81	81	71	66	79	80	79	69	72	71	70	75	66	81	73	77	70	71	75	67	66	68	69	72	75	67	62	69	71.8
	Minimum..	55	55	56	62	64	55	55	56	67	59	55	53	51	48	55	61	61	60	58	54	51	55	49	46	47	49	48	52	47	42	46	53.9
York-3 SW	Maximum..	85	75	84	94	94	86	70	89	88	89	87	82	88	82	83	80	90	85	87	85	83	84	80	78	77	80	81	85	84	72	75	83.3
	Minimum..	65	60	61	54	65	63	61	54	61	71	59	53	53	52	50	61	66	68	67	57	56	56	59	47	46	46	46	54	60	48	43	56.8

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum* velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.32	14	29.62	10	6.2	22	sw.	10	83	62	74	63	22
Harrisburg	30.35	15	29.70	10	5.9	20	s.	9	85	53	72	64	15
Philadelphia	30.37	15	29.71	10	6.7	17	ne.	7	84	57	71	54	1
Philipsburg	30.34	15	29.72	10	.....	22	w.	10	93	62	82	.....	201
Pittsburgh	30.29	14	29.73	10	7.7	26	sw.	10	86	55	63	38	33
Reading	30.37	15	29.68	10	7.6	29	sw.	28	81	.....	.....	59	11
Scranton	30.36	15	29.66	10	5.1	19	nw.	22	86	57†	....	51	45

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. ^ One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.4	3.8	8	1.6	25	18
Easton	Delaware	1.6	3.0	9	0.9	27	22
Lehighton	Lehigh	2.9	3.6	18	2.6	28	9
Reading	Schuylkill	4.3	6.8	19	3.6	16†	13
Wilkes-Barre	N. Br. Susquehanna	3.7	7.0	9	2.0	31	22
Williamsport	W. Br. Susquehanna	1.7	4.1	8	0.5	31	20
Newport	Juniata	4.1	5.4	1	3.3	26	22
Harrisburg	Susquehanna	3.8	4.6	10	3.3	30	17
Schenley, (nr) Lock No. 5.	Allegheny	12.2	12.9	19	11.7	31	24
Sutersville	Youghiogheny	3.4	5.0	7	2.6	29†	20
Charleroi(nr.), Lock No. 4	Monongahela	11.0	11.9	10	10.8	5	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																														3	2
Fog, heavy	6	6	11	18	11	3	3	18	4		3		11	10	10	10	10	14	7	14	12	5	20	9	13	15	8	8	19	11	
Frost, killing																															
Glaze																															
Hail				1						1			1													6			1		
Rain, heavy	1						4										2														
Sleet																															
Snow, heavy																															
Thunderstorms	14	5	9	11	1	11	2			15			10				18	2	10			1	10			25	1	1	15		
Winds, high							1			12					1		1									2		1	1		

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T, Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

(W. B. O., Philadelphia—10-16-46—975)

51.05
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

1946

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LI. SEPTEMBER 1946. No. 9.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

September was only 2.6° cooler than August, and the only month during the growing season with above normal temperatures. The seasonable temperatures, adequate sunshine, and only 7 rainy days provided a pleasant contrast to the weather in August, which was unseasonably cool and rather rainy. The normal drop in temperature from August to September is 6.0°.

Except for showers and thunderstorms around the 9th to 11th, generally fine weather prevailed, as slow-moving high pressure systems held control over Pennsylvania until the 20th. After the 20th, periodic surges of maritime tropical air from the Gulf and south Atlantic brought moderately heavy rain with breaks of only a few days until the end of the month, with considerable benefit to areas threatened with drought.

Thunderstorms were most frequent on the 10th and the 29th, as cold fronts passed across the State. On the 10th, during the passage of the squall line preceding the cold front, wind did extensive damage at Lock Haven. Two persons were injured. Buildings were damaged, several airplanes destroyed, trees blown over, and power lines torn down. Some communities in the area were without electricity most of the night. Hail, reported at scattered stations, was most general on the 29th. Wind and hail did some damage in the vicinity of Milton on the 8th, and in Beaver County communities on the 29th. Crops and gardens were damaged, and new seedings were washed by heavy rain. Snow flurries fell at scattered mountain and northern stations on the 30th, a relatively rare event, having occurred but 11 times in 59 years. Heavy fog was observed somewhere in the State on all but three days. A rather weak auroral display occurred on seven days in the last half of the month, causing interference with radio and telegraphic communications.

The warmer weather was of benefit to agriculture in the east portion, where maturing crops had been retarded by August's low temperatures. A few killing frosts were reported on the 4th and 15th. Until the 20th, the fine weather was excellent for field work and by the end of the month harvesting of most of the principal crops was well advanced.

The growing season has been cool and wet, due to the heavy rains in May and June. Temperatures were deficient by 1.5°, while precipitation was 2.28 inches above normal. The season was very favorable despite low temperatures, and the principal crops did well, especially grain crops which fared even better than last year.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 85 stations was 64.3°, which is 0.1° above the 59-year normal for September. The highest monthly mean was 72.8° at Marcus Hook and the lowest was 57.6° at Kane and Philipsburg. Extremes ranged from a maximum of 96° at Farrell on the 7th and at Chambersburg, Hewitt, Shippensburg, and York on the 9th to a minimum of 26° at Titusville on the 26th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 217 stations, was 3.30 inches, which is 0.15 inch below the 59-year normal for September. The greatest monthly amount was 7.27 inches at Mount Pocono, while the least was 0.92 inch at Union City. The greatest amount recorded in any 24 consecutive hours was 3.90 inches at Gettysburg on the 23-24th. A trace of snow fell on the 30th at Berwick and Somerset.

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	59.6	84	29	4.84	.....	10	8	11	11
1889	61.9	92	30	5.05	.....	13	8	8	14
1890	62.2	91	25	4.57	T.	11	10	9	11
1891	66.6	94	32	2.39	.....	7	17	8	5
1892	62.4	90	29	2.81	.....	7	16	7	7
1893	61.2	90	26	2.67	.....	8	9	12	9
1894	66.6	95	24	6.30	.....	10	10	10	10
1895	67.8	100	24	1.71	T	6	16	9	5
1896	63.6	98	26	4.82	.....	10	13	8	9
1897	63.8	100	24	2.18	.....	5	18	7	5
1898	66.0	100	25	1.70	.....	6	16	8	6
1899	61.8	93	23	4.70	T.	10	12	9	9
1900	68.4	100	27	1.77	.....	6	13	10	7
1901	63.6	95	29	3.39	.....	9	14	7	9
1902	62.7	99	28	4.66	.....	11	12	8	10
1903	63.2	94	27	2.09	.....	6	17	8	5
1904	63.7	95	21	3.37	.....	9	13	10	7
1905	64.0	95	27	3.41	.....	7	15	9	6
1906	67.0	99	30	2.46	.....	7	15	9	6
1907	64.8	95	29	6.37	.....	14	8	10	12
1908	65.6	99	26	1.60	.....	3	17	9	4
1909	62.8	96	26	2.27	.....	6	15	9	6
1910	65.5	95	32	4.49	.....	10	13	8	9
1911	64.9	92	26	5.29	.....	10	13	9	8
1912	65.5	95	25	5.57	.....	12	12	7	11
1913	62.4	97	24	3.28	.....	8	13	7	10
1914	61.5	98	21	0.99	.....	5	18	7	5
1915	66.5	96	25	2.56	.....	8	16	9	5
1916	62.5	98	23	3.77	.....	8	17	8	5
1917	59.0	91	25	2.31	.....	6	16	9	5
1918	58.7	88	28	3.97	.....	10	12	8	10
1919	64.4	96	28	2.07	.....	8	16	8	6
1920	64.5	91	24	3.99	.....	9	16	8	6
1921	68.9	98	31	4.68	.....	11	13	9	8
1922	66.3	100	22	1.48	.....	4	19	7	4
1923	64.8	92	22	3.55	.....	10	13	10	7
1924	59.8	99	26	6.44	T.	11	11	7	12
1925	67.5	99	24	2.80	T.	8	11	12	7
1926	64.2	99	26	5.81	.....	12	11	7	12
1927	64.9	97	27	2.08	.....	6	18	7	5
1928	60.4	94	25	2.33	T.	9	12	9	9
1929	65.7	101	24	3.71	.....	9	14	8	8
1930	67.8	101	27	2.45	.....	9	15	10	5
1931	69.1	104	29	3.15	.....	9	16	8	6
1932	65.2	105	23	1.45	.....	6	16	9	5
1933	66.3	98	32	4.66	.....	12	13	8	9
1934	66.4	94	31	6.58	.....	12	12	8	10
1935	62.2	95	24	3.51	.....	8	15	7	8
1936	66.5	96	28	2.17	T.	8	14	7	9
1937	61.5	97	25	1.90	.....	7	17	7	6
1938	62.0	95	26	4.74	.....	12	11	8	11
1939	65.9	101	27	2.95	.....	9	14	8	8
1940	61.4	95	21	3.41	T.	7	15	8	7
1941	66.0	98	24	1.33	.....	5	18	7	5
1942	63.7	96	19	4.38	T.	10	13	8	9
1943	61.4	102	18	0.72	T.	5	15	9	6
1944	63.4	100	23	3.85	.....	12	10	9	11
1945	65.9	96	29	6.42	.....	14	8	10	12
1946	64.3	96	26	3.30	T.	7	16	8	6
Period	64.2	105	18	3.45	T.	9	14	8	8

Climatological Data for September 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 4 NE.	Lehigh	384	5	66.2	+1.4	90	19	40	14	4.44	+1.04	2.62	21	0	7	13	10	7	sw.	U.S. Weather Bureau.
Altoona 4.5 W.	Blair	1,500	60	63.0	−0.1	90	9	38	14	4.95	+1.88	1.65	23-24	0	6	23	6	1	e.	City of Altoona.
Burnt Cabins 2 NE	Fulton	990	4	62.8	.....	94	9	31	15	2.80	.....	0.95	20-21	0	8	20	3	7	s.	Penna. Turnpike Comm.
Canton 1 NW	Bradford	1,450	6	62.4§	.....	87	9	37	13†	5.01	.....	1.86	29-30	0	7	17	9	4	sw.	Mrs. E. Dillon Stone.
Carlisle	Cumberland	478	77	66.2	+0.7	92	9	38	14	3.30	−0.16	1.02	20-21	0	8	21	5	4	se.	Clarence E. Miller.
Chambersburg 1 SW	Franklin	600	50	65.4	−0.9	96	9	37	14†	4.62	+1.53	3.44	20-21	0	7	21	4	5	s.	Charles A. Bender.
Coatesville	Chester	431	58	66.4§	+0.1	90	9	42	15†	3.01	−0.70	2.14	21	0	6	15	4	11	w.	Philadelphia Electric Co.
Curwensville Apt 6 NW	Clearfield	2,215	3	60.6	.....	84	9	38	14†	4.59	.....	2.06	29-30	0	9	13	6	11	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	63.0	.....	84	9†	40	13†	3.99	−1.09	2.12	29-30	0	7	20	6	4	sw.	Carl E. Bigger.
East Waterford 3 E.	Juniata	2,125	8	64.5	.....	89	9	44	30	6.23	+3.21	3.29	23-24	0	7	13	12	5	s.	U. S. Weather Bureau.
Emporium 1 E.	Cameron	1,100	59	62.4	+0.9	90	8	36	4†	4.46	+0.90	1.04	10	0	8	17	3	10	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	48	67.4	+1.0	92	9	41	15	3.33	−0.24	1.93	20-21	0	4	15	10	5	s.	Ephrata Review.
Everett 0.5 SW	Bedford	1,020	23	63.3	+0.3	95	9	35	15	2.67	−0.38	0.98	20-21	0	8	14	7	9	e.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	64.4§	+4.2	87	9	39	15	3.59	−0.22	1.62	24	0	7	11	4	15	w.	Andrew B. Evansha.
George School	Bucks	184	39	68.0	+1.5	89	19	43	16	1.76	−1.81	0.72	23-24	0	5	20	5	5	e.	George M. Hart.
Gettysburg	Adams	500	72	66.3	+0.2	91	9	40	15	5.74	+2.22	3.90	23-24	0	5	21	6	3	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	63.0	+0.6	91	9	31	14†	3.44	−0.47	1.76	23-24	0	6	18	6	6	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	67.4	−0.3	92	9	43	15	1.69	−1.53	0.69	24	0	7	18	7	5	s.	Hanover Evening Sun.
Harrisburg Arpt. 3.5 S.	Dauphin	351	76	67.0	+1.2	94	9	43	14	1.55	−1.50	0.72	23-24	0	7	10	13	7	w.	U. S. Weather Bureau.
Hawley 0.5 E.	Wayne	980	35	62.0	+0.9	87	19	33	15	5.57	+1.96	2.88	21	0	7	19	6	5	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	69.6	+0.5	90	8†	50	14	2.73	+0.08	1.62	20-21	0	6	18	7	5	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	58	65.1	+0.5	94	9	38	16	4.54	+1.18	1.71	29-30	0	8	13	12	5	w.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	58	64.6	−1.1	88	9	38	16	3.43	+0.05	1.78	20-21	0	6	22	3	5	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	63.6	+1.7	91	7	38	13	4.87	+1.79	1.20	29-30	0	9	15	9	6	.....	Carlos P. Darling.
Lebanon	Lebanon	469	61	66.0	+0.2	94	9	40	14	2.55	−0.92	1.40	24	0	6	22	3	5	sw.	Lebanon Valley Gas Co.
Lewistown 1 W.	Mifflin	580	7	66.2	.....	95	9	39	15†	3.72	.....	1.64	24	0	8	10	14	6	w.	American Viscose Co.
Lock Haven	Clinton	557	54	66.2	+1.3	92	8†	40	15	5.03	+1.65	1.57	20-21	0	7	20	5	5	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	72.8	+2.0	94	11	48	14	3.57	+0.45	2.20	24	0	6	8	14	8	sw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	62.3	.....	90	9	37	14	4.88	.....	2.10	23-24	0	8	9	13	8	w.	U. S. Weather Bureau
Montrose 3 E.	Susquehanna	1,176	40	61.8	+1.3	85	9	37	13	4.48	+0.62	1.91	24	0	9	14	5	11	nw.	Harry S. Fancher.
Mt. Pocono Arpt. 2 N.	Monroe	1,914	4	60.6	+2.2	86	9	36	14	7.27	+2.35	3.06	21	0	7	14	10	6	n.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	63.6	−0.5	88	9	36	14	4.34	+0.62	2.09	21	0	7	20	5	5	ne.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	75	71.4	+3.4	91	19	50	14	3.22	+0.08	2.08	24	0	4	12	12	6	e.	U. S. Weather Bureau.
Philipsburg 7 E.	Centre	1,916	3	57.6	.....	87	9	27	15	5.80	.....	2.20	29-30	0	8	12	7	11	se.	U. S. Weather Bureau.
Phoenixville 1.5 SE.	Chester	100	36	67.6	+0.4	91	19	38	16	3.05	−0.33	1.14	21	0	6	23	2	5	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	63.6	−1.6	91	9	36	14†	3.61	−0.44	1.72	24	0	6	20	2	8	...	Earl E. Rarick.
Quakertown 0.5 E.	Bucks	480	60	65.3	+1.4	89	8	37	15	2.68	−0.97	1.14	21	0	8	17	9	4	nw.	John E. Benner.
Reading	Berks	273	75	68.4	+1.8	92	9	44	15	2.65	−0.56	1.09	21	0	8	17	5	8	se.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	65.4	+2.5	90	9	40	15	1.92	−1.25	0.59	24	0	6	14	10	6	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	64.5	−0.3	92	9	33	15	3.03	−0.40	1.32	24-25	0	6	16	10	4	ne.	Dr. George E. Fisher.
State College	Centre	1,217	60	63.6	+0.8	90	8†	37	14	3.78	+0.76	1.26	23-24	0	9	15	8	7	sw.	Penna. State College.
Stroudsburg 2 E.	Monroe	440	26	65.8	+0.7	89	9	32	14	7.06§	+3.44	2.75	21	0	4	15	8	7	nw.	Metropolitan Edison Co.
Tamarack 2 S.	Clinton	2,250	5	61.2	.....	85	8	40	13	4.69	.....	2.41	29	0	8	14	12	4	w.	James E. Swartz.
Towanda 1 E.	Bradford	754	51	63.5	+1.1	89	7	38	14	6.93	+3.67	2.80	23-24	0	10	15	10	5	nw.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	61.0	+1.1	88	9	35	13	4.34	+1.26	1.17	29	0	11	17	6	7	w.	M. S. Bliss.
West Chester	Chester	440	96	68.4	+2.7	89	9	44	14	3.30	−0.56	1.33	29-30	0	4	18	6	6	nw.	Clyde T. Saylor.
Wilkes-Barre Apt. 3N.	Luzerne	544	7	65.3	.....	91	9	39	14	1.90	.....	0.54	21	0	6	16	6	8	nw.	U. S. Weather Bureau.
Williamsport Apt. 4E.	Lycoming	520	1	65.0	.....	92	8	39	15	5.32	.....	2.80	23-24	0	8	10	9	11	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	29	64.6	−0.4	92	9	33	15	2.62	−1.27	0.68	10	0	7	5	18	7	.....	Gordon E. Lower.
Woodward 2 NE.	Centre	2,191	4	63.1	.....	87	9	39	30	5.09	.....	2.27	23-24	0	8	13	9	8	w.	U. S. Weather Bureau.
York 3 SW	York	390	57	68.6	+2.1	96	9	38	14†	2.77	−0.57	1.92	20-21	0	6	21	6	3	se.	York Water Co.
Division mean				**64.8**	.....	**96**	**9**	**27**	**15**	**3.96**	.....	**3.90**	**23-24**	T.	**7**	**16**	**8**	**6**	w.	
Ohio Drainage																				
Blairsville 6 NE.	Westmoreland	2,048	10	63.9	.....	86	9	38	30	1.66	−1.71	0.51	9-10	0	9	10	10	10	se.	U. S. Weather Bureau.
Bradford 4 W.	McKean	1,680	28	59.9	−0.4	85	7†	30	4†	3.08	−1.11	1.12	23-24	0	10	14	9	7	se.	City Water Dept.
Brookville Apt. 1.5 SW.	Jefferson	1,400	55	61.4	+1.0	89	8	34	15	3.13	−0.03	0.74	9-10	0	9	12	12	6	e.	Civil Aeronautics Authority
Butler	Butler	1,077	32	64.5	+0.3	95	8	34	30	1.71	−1.42	0.52	24†	0	8	21	6	3	se.	Butler Eagle.
Clarion 3 SW.	Clarion	1,114	35	63.4	.....	91	8	37	3	1.74	−2.02	0.44	29-30	0	8	13	7	10	e.	Penna. Electric Co.
Claysville	Washington	1,170	42	64.4	−1.2	92	9	36	3†	1.87	−1.27	0.85	10	0	6	16	8	6	sw.	Walter B. Paget.
Corry	Erie	1,410	31	61.0	−0.1	89	7†	29	4	1.07	−2.91	0.22	30	0	7	17	8	5	s.	J. Fred Kinley.
Coudersport	Potter	1,653	21	60.0	−0.1	86	7†	31	4†	3.47	+0.27	0.99	29	0	8	14	10	6	sw.	Potter Enterprise.
Derry	Westmoreland	1,150	48	66.2	+0.7	92	9	37	16	1.64	−1.52	0.40	23	0	6	21	5	4	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	60.6	.....	88	9	30	15	2.29	.....	0.54	23	0	9	16	14	0	s.	Penna. Turnpike Comm.
Donora	Washington	761	19	67.6	−0.5	94	8	43	16	1.75	−1.07	0.51	10	0	7	18	8	4	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	61.7	+0.5	86	8	38	15	1.75	−1.67	0.48	29	0	6	14	10	6	sw.	John L. McGough.
Farrell	Mercer	855	32	70.0	+4.8	96	7	43	3	1.09	−1.75	0.49	10	0	7	23	6	1	se.	Sharon Steel Corporation
Ford City 4 S.	Armstrong	950	2	63.4	.....	92	8†	39	16	2.27	.....	1.14	10	0	8	17	6	7	e.	U.S. Engineers.
Franklin	Venango	987	71	63.7	+1.0	89	7	40	1†	1.06	−2.46	0.29	20-21	0	7	17	10	3	s.	William K. Fuller
Greensburg 2 S.	Westmoreland	1,160	36	62.8	−2.6	90	8	34	15†	2.09	−1.15	0.53	9-10†	0	10	19	5	6	sw.	Westmoreland Water Co.
Indiana	Indiana	1,300	44	65.9	+1.5	89	9	42	3	4.16	+0.44	1.35	9-10	0	9	19	10	1	s.	Indiana State Teachers Col.
Jamestown 2 NW.	Mercer	1,050	4	63.9	.....	90	7	35	3†	1.88	−1.48	0.68	7	0	9	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	65.1	−0.3	94	9	40	15	2.88	−0.60	0.89	9-10	0	8	16	4	10	s.	Johnstown Tribune Pub. Co.
Kane 1 N.	McKean	1,750	30	57.6	.....	86	8	29	4	3.75	−0.02	0.97	29-30	0	9	18	5	7	w.	Spring Water Co.
Meadville 1 S.	Crawford	1,065	51	62.4	+0.3	88	9†	34	4	1.03	−2.57	0.37	23-24	0	8	14	11	5	sw.	City of Meadville.
Midland	Beaver	780	9	65.2	+0.2	90	8	43	15†	1.28	−1.28	0.35	23-24	0	7	17	9	4	se.	Perry P. Campbell.
New Castle 1.5 N.	Lawrence	900	65	64.2	−0.2	92	7	38	3†	1.16	−1.92	0.32	20-21	0	9	15	13	2	s.	New Castle Water Co.
Pittsburgh Apt. 7.5 SE.	Allegheny	1,286	12	67.1	+2.4	92	9	43	30	1.27	−1.31	0.49	10	0	7	13	10	7	s.	U. S. Weather Bureau.
Putneyville 2.5 SE	Armstrong	1,270	2	62.6	.....	90	8†	35	16	2.46	.....	1.08	23-24	0	9	14	9	7	e.	U. S. Engineers.
Ridgway	Elk	1,385	38	60.5	+0.5	91	8	33	4†	3.65	+0.36	1.32	23-24	0	7	19	5	6	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	59.9	−0.8	88	9	30	15	2.58	−0.90	0.80	29-30	T.	9	8	6	16	se.	D. L. Grove.
Springs 1 SW.	Somerset	2,500	26	59.0	+0.9	85	8	31	15	3.88	+0.46	1.22	29-30	0	9	15	9	6	w.	Allen E. Yoder.
Tionesta 1.5 SE.	Forest	1,200	8	61.8	.....	89	8	38	4†	1.21	−2.22	0.51	23-24	0	8	20	4	6	sw.	U. S. Engineers.
Titusville 2 S.	Crawford	1,550	2	61.6	.....	88	9	26	26	1.29	.....	0.36	23	0	7	5	24	1	se.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	68.0	+1.5	92	9	40	15	1.93	−1.29	0.79	23-24	0	7	17	10	3	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	66.6	+1.3	93	9	40	16	1.72	−1.44	0.90	10	0	7	12	18	0	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	64.6	+2.4	91	9	34	5	1.20	−2.56	0.81	29	0	9	20	8	2	e.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	64.8	−0.9	92	7†	35	15	1.92	−1.54	0.65	20	0	7	12	16	2	w.	Thomas S Knox.
Division mean				**63.4**	.....	**96**	**7**	**26**	**26**	**1.15**	.....	**2.50**	**23-24**	T.	**8**	**16**	**9**	**5**	s.	
Lake Drainage																				
Albion	Erie	900	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles C. Gilbert.
Erie	Erie	705	72	66.3	+2.7	88	6	46	26	1.82	−1.57	0.95	10	0	7	12	10	8	se.	U. S. Weather Bureau.
State mean				**64.3**	**+0.1**	**96**	**7†**	**26**	**26**	**3.30**	**−0.15**	**3.90**	**23-24**	T.	**7**	**16**	**8**	**6**	sw.	

[See page 72 for explanation of reference marks.]

Daily Precipitation for September 1946

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike											.48											2.00		.05	1.14					1.23		4.90
Equinunk[2]	Wayne								T		.04	.08									.04	.96		.13	1.21						.77		3.23
Hawley[2], 0.5 E	Wayne										.02	.35										.06	2.82		.07	1.15					1.10		5.57
Hollisterville[2]	Wayne							.01			.02	.40										.01	2.43	.02	.07	1.75					.52		5.23
Lakeville[2], 1 N	Wayne							T.		T.	.06	.39										.02	*	3.08	*	1.08					.51		5.14
Matamoras[2]	Pike									.17		.66											1.12			1.95				.93			4.83
Milanville[2]	Wayne										.01	.27									T.	*	2.85		.05	1.20					.44		4.82
Mount Pocono[1], 2 N	Monroe						T.		.03		.61											3.06		.05	2.15				.67	.70		7.27
Pecks Pond[2]	Pike										T.	.36									*	.22	3.46		.07	1.26					1.11		6.48
Pleasant Mount[1, 5], 1 W	Wayne										.10											.90		.01	.83				.10	.50		2.44
Stroudsburg, 2 E	Monroe											.43										2.75		T.	1.63					2.25		§7.06
Tanners Falls[1, 5], 1 SE	Wayne										.23											1.73			1.70				.20	.15		4.01
Wind Gap[1, 5], 3 SW	N'rthampton										.08											2.94			.88				.06	.94		4.90
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh						T.			T.	.43											2.62		.03	.72	.01			.04	.59		4.44
Allentown[2]	Lehigh											.28										.31	2.14		.06	.52				.50		3.81
Bethlehem[1]	N'rthampton			.01						T.	.01	T.										2.24		T	.75	.01			.11	.35		3.48
Blakeslee Corners[1, 5]	Monroe										.73											2.00			1.52				.23	.38		4.86
Gouldsboro[2]	Wayne									.03		.47										.20	2.73		.08	1.10				.60		5.21
Lansford[2]	Carbon										.05	.27										.43	1.03		.38	1.93				.46		4.55
Mauch Chunk, 1 SW	Carbon											.20										1.49		T.	1.73	.07				.86		4.35
New Tripoli	Lehigh											.25										1.38		.03	.66	.08			T.	1.07		3.47
Palmerton[1, 5]	Carbon						T.				.10											2.09		.05	1.02	.01				1.07		4.34
Zionsville, 1 SW	Lehigh																					2.00			.40	.10				.45		2.95
SCHUYLKILL																																	
Conshohocken	Montgomery			1.30																		.07		T.	2.54	.06				.09		4.06
Fredericksville[2], 1 S	Berks			.04							.06											.40	1.56		.09	.30				.95		3.40
Geigertown[2]	Berks			.10																		1.10	.82		.08	.23				.79		3.12
Gratersford[2]	Montgomery																					.17	.98		.06	.66			.01	.29		2.17
Phoenixville[2], 1.5 SE	Chester			.53																		.36	.78		.35	.24				.79		3.05
Port Clinton[2]	Schuylkill										.03											.42	1.08		.12	1.60				.36		3.61
Pottstown[2], 0.5 S	Montgomery																					1.50	T.				.25			.76		2.51
Pottsville[2]	Schuylkill										.30											.41	.67		.30	2.52			T.	.62		4.82
Reading[1, 5]	Berks		.21							.05	.01											1.09		.06	.44			T.	.24	.55		2.65
Strausstown[2]	Berks																					.40	1.13		.08	1.28			.01	.07		2.97
Virginville[2]	Berks											.12										.35	.98	T.	.06	1.27				1.51		4.29
Wernersville	Berks									.69		.45										1.52		.10	.60					.66		4.02
LOWER DELAWARE																																	
Coatesville[2]	Chester			.05																		.64	1.50		.18	.31				.33		3.01
Doylestown	Bucks			.05																		.69		T	1.51	.02			T.	.62		2.89
George School[6]	Bucks			.12																		.44			.72	.05				.43		1.76
Maple Glen[7]	Montgomery			.43																		.62	.09	T.	.07	1.52				.64		3.37
Marcus Hook[2]	Delaware			.03						T.												.33	.40	T.	.20	2.00				.61		3.57
Philadelphia Southwest Airport, [1]	Philadelphia						T.															.60		.03	1.44				T.	.76		2.83
City Office[1, 5]	Philadelphia		.10																			.47		T	2.08				T.	.57		3.22
Shawmont	Philadelphia			.60																		1.22	T.	.10	.57	.05			T.	.90		3.44
Quakertown, 0.5 E	Bucks			.52									.02									1.14	.02	.01	.46	.03				.48		2.68
West Chester	Chester																					1.29		T.	.68				.02	1.31		3.30
West Grove[2], 1.5 SE	Chester			.12																		*	1.88		.30	.52				.63		3.45
Susquehanna Basin CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga							.33	.10		.25											.49		.03	.41				*	1.05		2.66
Covington[2]	Tioga		T.						T.		.44	.53	T.									T.	.70		1.97	.92				1.64		6.20
Lawrenceville	Tioga		.08					.68	.30		.53	.26										.74		T	1.08				.20	1.00		4.87
NORTH BRANCH																																	
Berwick	Columbia										.08	.10										.55		T.	.69				T.	.33		1.75
Canton[2], 1 NW	Bradford								T.	T.	.59	.17	T.									.18	.47		1.06	.68				1.86		5.01
Danville[2]	Montour										.11											.38	.10		.35	1.28				.58		2.80
Freeland[2]	Luzerne										.08	.60										.25	.40		.27	1.62				.37		3.59
Hop Bottom[2], 2 S	Susquehanna										.20	.10										.06	.08		*	*				2.46		2.90
Millville[1, 5]	Columbia										.28											.40			1.10				.28	.48		2.54
Monroeton[2], 2 S	Bradford								.48		.98	.08	.03									.07	.37		.89	2.31				1.38		6.59
Montrose[2], 3 E	Susquehanna								.18		.47	.12	.06									.06	.49		.15	1.91				1.04		4.48
Orwell[2], 3 N	Bradford								.58		.17	.33										.04	.29		.49	2.01				1.23		5.14
Park Place[1], 1 NW	Schuylkill										1.02											.70		.06	2.03				.04	.37		4.22
Pikes Creek[1, 5]	Luzerne										.33											.40			.65				.04	.34		1.76
Rush[2]	Susquehanna								.26		.40	.03	.01									.19	.17		.41	.60				1.66		3.73
Scranton[1, 5]	Lackawanna										.32											.57		.02	.59				.10	.32		1.92
Susquehanna[2]	Susquehanna								.07	.04	.75	.13	.03									.05	.35		.12	2.04				.72		4.30
Towanda, 1 E	Bradford								1.79	.01	.21	.21	.10									.31		.06	2.80				.06	1.38		6.93
Tunkhannock	Wyoming										.19	*										.38		.15	.75					.83		2.30
Wilkes-Barre[1], 3 N	Luzerne								T.		.35											.54	T.	.01	.44				.18	.38		1.90
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga		.04							.38	.66	.68										.31	.24		.59	.37				1.65		4.92
Carrolltown[2]	Cambria										.27	.77										.15	T.	.04	.62	.05				1.24		3.14
Carter Camp[2]	Potter		.21							T.	.92	.82										.22	.37		1.17	.37				1.55		5.63
Cedar Run[2]	Lycoming		.02	.01						.01	.55	.19										.35	.44		1.51	.23				1.79		5.10
Clearfield[2]	Clearfield		T.								.26	.28	.01	T.								.47	.09	T.	.33	.17				1.21		2.82
Coalport[2]	Clearfield										.40	.41										.30		.10	.42	T.				.45		2.08
Curwensville Apt[1] 6 NW	Clearfield	T.	.01							T.	.35		.01								.03	.27		1.23	.63				1.93	.13		4.59
Driftwood[1, 5]	Cameron										.44											.44		.18	.32				1.48	.35		3.21
Dushore[1, 5]	Sullivan										.64											*38*			.91					.94	.50		§8.37
Eagles Mere[2]	Sullivan										.19	.13										.13	.32		.61	.49				2.12		3.99
Emporium[2], 1 E	Cameron		.06								1.04	.79										.38	.05		.74	.59				.81		4.46
English Center[1, 5]	Lycoming										.47											.95		.32	1.35				1.77	.30		5.16
Galeton	Potter		T.						.02		.98	1.05										.61		.71	.81				.92	.80		5.90

Continued on page 68.

Daily Precipitation September for 1946 – Continued from page 67.

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield										.72	.21										.62	.27		.78	.17					1.43		4.20
Lock Haven[2]	Clinton										.79	.16										.85	.72		.60	.37					1.54		5.03
Medix Run[1, 5]	Elk										.40										.02	.35		.60	50					1 23	.10		3.20
Philipsburg[1], 7 E	Centre	T.	.01								.62										.10	.73		1.22	.92					2.01	.19		5.80
Renovo[2]	Clinton		.05								.31	.15										.28	.20		1.30	.21					1.48		3.98
State College[1, 5]	Centre								T.	.38	.56		T.								.07	.68	.01	.56	.93					.39	.20		3.78
Tamarack[2], 2 S	Clinton		.04	T.						T.	.41	.27										.33	.18	T.	.90	.15					2.41		4.69
Trout Run	Lycoming										.78	.22										1.09		47	1.37						1.30		5.23
Tyrone [1, 5], 4 NE	Blair										.47										.17	.53		.45	.65					.52	.08		2.87
Wellsboro[2]	Tioga		.05			T.			.01	.02	.36	.59	T.					.02				.18	.42		.95	.57						1.17		4.34
Williamsport Apt.[1]-4 E	Lycoming									.04	.34										T	.43	.01	.42	2.45					1.35	.28		5.32
Williamsport[2]	Lycoming										.28	.09										.26	.36		2.11	.90						1.70		5.70
Williamsport[2], 4 SE	Lycoming										.29	.10										.31	.42		2.23	.50						1.36		5.21
JUNIATA																																	
Altoona, 4.5 W	Blair										.69	.34										.74		.49	1.65						1.04		4.95
Breezewood[1], 0.5 E	Bedford									.30	.08										.06	.83		.28	.13					.35	.08		2.11
Buffalo Mills[2]	Bedford										.48	.13										.65		.29	.93	.09					.52		3.09
Burnt Cabins[1], 2 NE	Fulton									.51	.15										.08	.87		.46	.10					.58	.05		2.80
East Waterford[2], 3 E	Juniata										.11	.01										1.32	.45	T.	3.29	.07						.98		6.23
Everett[2], 0.5 SW	Bedford										.41	.06										.81	.17	.30	.46	.17						.29		2.67
Huntingdon[2]	Huntingdon										.04	.30										.66	.11	.05	1.33	.34						1.71		4.54
Lewistown[2], 1 W	Mifflin										.12	.06										.60	.20	.01	.49	1.64						.60		3.72
Mapleton Depot[2]	Huntingdon										.31	.21										.56	.11	.04	.98	1.47						.69		4.37
Martinsburg[1]	Blair									.39	.45										.33	.34		.48	2.04					.82	.03		4.88
McConnellstown[2] 4NW	Huntingdon										.56	.22										.70	.10	.02	1.90	.39						1.65		5.54
Neffs Mills[1, 5], 3.5 NE	Huntingdon									.23	.52										.05	.75		.70	1.25					.88	.12		4.50
New Bloomfield	Perry										1.85	T.										1.12		.14	.71					.03	.74		4.59
Newport[2]	Perry										.95	.10										.60	.37	T.	.24	.50						.58		3.34
Saxton[2], 1 W	Bedford										.27	.48										.95	.17	.34	.87	.22						.75		4.05
Shade Gap[1, 5], 0.5 SW	Huntingdon									1.38											.09	.65		.18	.13					.43	.07		2.93
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams										.18											1.13	.05	T.	1.83	.93						.92		5.04
Beavertown[2]	Snyder							.02			.01	.01	.02									.64	.40	.10	1.68	1.18						1.10		5.16
Bloserville, 1.5 N	Cumberland									T.	1.36	.05										2.01		.38	.55					.11	.70		5.15
Carlisle	Cumberland										.11	.03										1.02	.18	.54	.64					.18	.60		3.30
Columbia	Lancaster									.13		T.										.65		.08	.63					.03	.05		1.57
Dauphin[2], 3 N	Dauphin										.18	.25										.46	.09		.58	.93						.79		3.28
Ephrata	Lancaster			T.								T.										1.93		.05	.76	T.				T.	.59		3.33
Glen Rock[1, 5]	York																				.19	.94		.64	1.31					.12	.02		3.22
Gordon	Schuylkill										.09	.51										.71		.02	1.76						.35		3.44
Grantville, 2 SW	Dauphin											.05										.72		.18	.61					.05	.12		1.73
Hanover[2]	York			.01								.01										.49	.01	T.	.41	.69					.07		1.69
Harrisburg Apt[1, 5], 3.5 S	Dauphin										.01										.05	.46	T.	.24	.57				T	.08	.14		1.55
Holtwood[2]	Lancaster			.12								T.										1.50	.12		.30	.45				T.	.24		2.73
Huntsdale[2]	Cumberland										.12	.05										.72	.16		.60	.55						.58		2.78
Kirkwood[1, 5], 1 SW	Lancaster																					1.53		.05	.81	.06				.17	1.07		3.69
Lancaster	Lancaster			.01						T.												1.78		.05	1.10					.01	.48		3.43
Lebanon[2]	Lebanon																					.44	.50		.14	1.40				.01	.06		2.55
Middletown[1], 1.5 W	Dauphin										T.										.10	.48		.23	1.18				T	.15	.03		2.17
Millersburg[1, 5], 2 E	Dauphin										2.81										.02	.48		.10	1.20					.48	.22		5.31
Milroy[2]	Mifflin									.47	.12											1.02	.27		1.05	.35						.86		4.14
Newburg[1], 3.5 NW	Cumberland									1.90	.05										.25	1.98		.95	.58					.73			6.44
New Park	York			.17																		.88		.52	.96					.06	.24		2.83
Pine Grove[2], 1.5 NE	Schuylkill											.53										1.27	.20		.15	.71				.02	.37		3.25
Selinsgrove[2]	Snyder										.21											.41	.03	T.	.22	1.32					.84		3.03
Shamokin[2]	N'umberland										.65	.43										.36	.12		.33	1.24					.70		3.83
Shippensburg	Cumberland											.05										2.39		.21	.15					.04	.70		3.54
Sunbury[2]	N'umberland										.21	.08										.24	.04		.17	1.43						.76		2.93
Wellsville	York									.32		.11										.62	T.	.24	1.05					.10	.11		2.55
Williamstown[2]	Dauphin										.27	.41										.34	.12		.52	.63						.33		2.62
Woodward[1], 2 NE	Centre									.07	.30										.01	1.31		1.82	1.36					.53	.19		5.09
York, 3 SW	York																					1.92		.10	.66	.03				.03	.03		2.77
York Haven[2]	York											.32										.68			.12	.93					.04		2.09
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin										.31										.08	3.36		.14	.23					.17	.33		4.62
Gettysburg	Adams			T.					T.			T.										1.00		.35	3.90					.11	.38		5.74
Hewitt, 2 SW	Bedford										.17										.38	.89		.26	.17						.72		2.59
Hyndman[2]	Bedford										.15	.19		T.								.69		.28	.75	T					.82		2.88
McConnellsburg[2]	Fulton										.71	.09										.63	T.	T.	.10						.65		2.18
Mercersburg[2]	Franklin										.01	.02										1.30	T.	.28	.14	.07					.72		2.54
South Mt. San't'm[2]	Franklin										.29	.07										1.55	.31	.02	.66	.68					.83		4.41
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny										.10	.62										.25		.02	.26	.01					.35		1.61
Allens Mills[1, 5]	Jefferson									.10	.65										.10	.09		.65	.35					1.37	.03		3.34
Blairsville[1], 6 NE	Indiana		T.							.08	.47		.01								.10	.16		.37	.21					.12	.14		1.66
Boswell[2], 6 NW	Somerset										.89	.35										.16	.05	.14	.70	.05						1.24		3.58
Bradford, 4 W	McKean		.10						.81		.22	.04	.02									.28		.04	1.12					.08	.37		3.08
Brookville[1], 1.5 SW	Jefferson	T.	.06							T.	.74		T.	.01							.07	.26		.70	.51					.57	.21		3.13
Buckstown[1, 5]	Somerset									.25	.25										.13	.06		.54	.50					.35	.06		2.14
Clarion[2], 3 SW	Clarion		.03								.26	.17	.03	.03								.35	T.	T.	.43						.44		1.74
Corry	Erie		.15							T.	.12											.20		.12	.08					.18	.22		1.07
Coudersport	Potter								.01		.98	.18	.01									.30		.08	.92						.99		3.47
Coudersport, 7.5 E	Potter																																
Derry	W'moreland										.38		.30								.10	T.		.40	.22						.24		1.64
Donegal[1]	W'moreland									.42	.50		.02								.20	.15		.54	.28					.12	.06		2.29
Dunlo[1, 5], 0.5 SW	Cambria										.78										.14	.06		.48	.48					.21	.03		2.18
Ebensburg[2]	Cambria										.19	.33										.19		.12	.44						.48		1.75
Ford City[2], 4 S	Armstrong										.10	1.04		.05								.26		.09	.38	.02					.33		2.27
Franklin[2]	Venango		.10								.07	.21										.29	T.	T.	.24	.01					.14		1.06
Glen Hazel[2], 1 NE	Elk		.06							.02	.32	.44										.05	.28	.01	2.50	.04					.70		4.42
Home[1, 5]	Indiana										1.02										.17	.11		1.55	.16		.02			.14	.11		3.28
Indiana	Indiana									T.	.16	1.35		.07							.03	.22		.08	1.05					.12	1.08		4.16
Johnstown[2], 0.5 W	Cambria										.89	.24		.20								.10		.09	.54	.01					.81		2.88

Continued on page 69.

Daily Precipitation for September 1946—Continued from page 68

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	T.	.02						.25		.82										.04	.24		.93	.48					.87	.10		3.75
Kregar[1], 4.5 SE	W'moreland									.12	.27		.02								.17	.22		.59	.32					.83	.10		2.64
Lycippus, 1.5 E	W'moreland		T								.13	.75	.02								.03	.21			.55						.29		1.98
Marienville[1, 5]	Forest	.04								.10	.40										.10	.09		*	*	*	1.48			.34			2.55
Meadville[2], 1 S	Crawford		.10						.02		.06	.21										.17		.02	.37						.08		1.03
Mosgrove[2]	Armstrong		.04								.13	.10										.20	.02	T.	.43	.22					.26		1.40
Parkers Landing[2]	Armstrong										.11	.26		.02								.28		.05	.40						.52		1.64
Pittsburgh Cty Of[1, 5]	Allegheny	T.								.03	.51		T.								.35			.08	.07					.50	.03		1.57
Port Allegany[2]	McKean		.02						T.	.03	.53	.22	.02									.20	.11		.98	.53					1.39			4.03
Punxsutawney[2]	Jefferson		.01								.24		T.	T.								.10	.01	.01	.95	.01					.97			2.30
Putneyville[2], 2.5 SE	Armstrong		.02								.43	.32	.02									.27		.03	1.08	.04					.25			2.46
Ridgway[2]	Elk		.08								.35	.90										.12	.01	T.	1.32	T.					.87			3.65
Saltsburg[2]	Indiana		T.								.23	.44		.51								.31		.06	.84	.03					.22			2.64
Seward[2]	W'moreland										1.06	.48		.37								.12		.08	.42						.64			3.17
Sheffield[1, 5, 6 W]	Warren										.70										.08	.08		.44	.24					.05	.06		1.65
Smethport[1, 5, 1 SW]	McKean																													.58	.08		§§
Strongstown[1, 5]	Indiana									.16	.79										.09	.08		.34	.12					2.20	.14		3.92
Tionesta[2], 1.5 SE	Forest		.08								.06	.01										.25	.02	T.	.50	.01					.28			1.21
Titusville, 2 S	Crawford		.08					T.			.06	.26										.25		.36	.14					T.	.14		1.29
Union City[1, 5]	Erie	.11									.04										.16	.03		.23	.10					.07	.18		0.92
Vandergrift[1]	W'moreland									T.	.90		.18								.12	.06		.15	.21					.10			1.72
Warren[2]	Warren		.04						.06		.02	.02										.12	.01		.10	.02					.81			1.20
Youngsville[1, 5]	Warren		.06					.21			.03										.06	.18		.13	.14					.31	.01		1.13
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset										.73	.27										.31	.02	.09	.96	.05					.36			2.79
Connellsville[2]	Fayette										T.	.44										.18		T.	1.34	.05					.28			2.29
Donora[1]	Washington									.38	.51										.31	T.	T.	.18	.10					.21	.06		1.75
Greensboro[2]	Greene										.46	.22										.29	T.	.03	.47						.29			1.76
Greensburg, 2 S	W'moreland									T.	.53	.14	.20	.01								.14		.18	.53	.16					*	.20			2.09
Irwin	W'moreland										.37	.20	T.									.01		.21	.20	.03					T.	.22			1.24
Meyersdale[2]	Somerset										.45	.25												.17	.03	.15	.70	.05				1.14			2.94
Murrysville // [1, 5]	W'moreland									.32	.23										.20			.25	.02					.13	.11			1.26
Pittsburgh Arpt.// [1, 5]	Allegheny	T.	T.							.07	.43	T.	T.								.39	T.		.11	.03					.21	.03			1.27
Rices Landing[2]	Greene										.29	.31		T.								.38		.05	.16	.02					.37			1.58
Somerset	Somerset										.38	.28	.01	T							.08	.07		.18	.78					.63	.17			2.58
Springs[6], 1 SW	Somerset									.10	.90	.10									.20	.15		.37	.84					1.00	.22			3.88
Uniontown	Fayette										.30	.23									.19	.08		.16	.63					T.	.34			1.93
Waynesburg	Greene										.29	.33									.30	.35		.21						.03	.41			1.92
BEAVER																																	
Beaver Falls[2]	Beaver		T.								.04	13		.04								.31		.02	.47						.37			1.38
Butler	Butler											.18	.01									.38		.09	.52	.01				.03	.49			1.71
Farrell[2]	Mercer		.06								.17	.32										.21		.05	.15						.13			1.09
Greenville	Mercer		.09								.35										T.	.19		12	.08					.02	.15			1.00
Jamestown[2], 2 NW	Mercer		.11	T.					.68	T.	.12	.28	T.		.10		T.					.11		.04	.22		T.				.22			1.88
Mercer Arpt.[1], 2.5 NE	Mercer	T.	T.							.14	.35		.02								.22	.04		.23	.06					.17	.13			1.36
New Castle[1], 1.5 N	Lawrence	T.	T.							.04	.26		.03								.29	.03	T.	.19	.01					.19	.12			1.16
Pennline . [2], 1 S	Crawford		.03						1.13		.05	.01			T.							.04			.20						.32			1.78
OHIO																																	
Claysville[2]	Washington										.05	.85										.42		.04	.08						.43			1.87
Coraopolis[2], 1 E	Allegheny										.03	.66										.75		.10	.14						.73			2.41
Midland[2]	Beaver		T.								.13	.31		.02								.29		.10	.35						.08			1.28
Washington[1, 5]	Washington									.10	.21										.84				.10					.32	.03			1.60
LAKE DRAINAGE																																	
Albion	Erie																							.04	.09						.24			§§
Erie[1, 5]	Erie	.20						T.		T.	.95										.08	T.		.19	.02					.35	.03			1.82
Raymond[1, 5]	Potter							.21	.03		.73											.32		.10						*	1.12			§2.51

[See page 72 for explanation of reference marks.]

Daily Evaporation(inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2], 1 SW.	Evaporation	.133	.140	.117	.153	.172	.181	.159	.150	.144	.202	.151	.101	074	.068	.138	.132	.146	.128	.140	.112	.019	.044	.096	.070	.047	.140	.132	.128	.126	.164	...	3.707
	Wind movement	22	20	38	28	33	36	23	17	18	28	68	35	6	35	17	18	35	20	28	20	13	19	29	32	29	30	20	30	30	87	....	859
Ford City[2], 4 S	Evaporation	.279	.160	.167	.150	.154	.174	.162	.138	.156	.130	.245	145	.104	.096	.214	.058	.130	.146	.112	.200	100	.067	.125	.060	.087	.127	.108	.130	.104	.144	...	4.172
	Wind movement	21	38	28	30	21	36	21	19	16	18	62	25	23	29	21	25	13	6	9	18	33	9	30	50	10	26	11	19	13	66	....	746
Hawley[2], 1 S.	Evaporation	.151	.202	.133	.175	.135	.166	.059	.138	.118	.035	.246	.178	.137	.152	.133	.152	.120	.121	.140	.137	.110	.208	.087	.013	.789	.437	.216	.098	.020	.112	....	4.918
	Wind movement	40	124	37	39	19	30	11	65	15	43	136	72	30	26	37	39	23	20	17	30	15	32	4	38	44	41	28	17	29	49	....	1150
Jamestown[2]..2 NW	Evaporation	.152	.146	.170	.141	.141	.164	.134	.184	.149	.078	.141	.169	.092	.081	.148	.164	.115	.103	.148	.229	.129	.108	.129	.011	.144	.119	.135	.124	.150	.075	....	3.973
	Wind movement	25	55	4	37	18	38	37	33	7	18	49	36	38	37	24	12	16	20	28	13	39	19	36	41	19	26	26	23	42	41	....	857
Neffs Mills[2], 3.5 NE.	Evaporation	.122	.150	.138	.040	.252	.144	.120	.016	.216	.168	.170	.184	098	.072	.120	.122	.134	.106	.122	.288	*.186*	.034	.072	.276	.074	.136	.110	.102	.102	.140	....	3.642
	Wind movement	10	9	21	13	8	13	9	4	8	3	17	20	33	22	10	14	9	5	6	6	7	6	5	4	9	20	13	8	5	...	....	[a]317

Italics mean minus quantity.

[See page 72 for explanation of other references.]

Daily Temperatures for September 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	76	75	88	86	85	86	85	83	78	73	67	83	93	72	56	....	§§
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	49	52	52	53	52	56	61	67	58	50	35	47	62	51	46	....	§§
Allentown Arpt.[1-4 NE	Maximum	80	80	74	75	73	75	84	88	89	87	79	76	68	70	77	80	86	87	90	86	69	84	76	76	82	79	84	80	73	66	....	79.1
	Minimum	46	52	51	44	51	52	54	58	65	65	56	51	48	40	40	43	50	55	54	54	60	59	63	66	57	50	52	57	60	45	....	53.3
Allentown/	Maximum	80	79	74	74	73	73	85	88	90	86	80	75	70	72	79	80	84	87	89	85	69	83	77	77	82	79	84	78	72	64	....	78.9
	Minimum	48	51	50	44	47	53	56	58	61	68	64	51	50	43	42	43	45	53	54	55	56	60	60	66	58	51	52	53	59	55	....	53.5
Altoona-4.5 W	Maximum	78	75	70	69	73	74	84	88	90	84	72	66	60	67	75	75	79	81	81	75	74	81	73	71	76	80	82	80	74	60	....	75.6
	Minimum	51	51	40	40	41	46	49	58	61	64	58	46	49	38	40	41	48	54	49	46	60	54	65	60	49	46	50	51	58	46	....	50.3
Arendtsville/	Maximum	81	81	73	74	75	79	87	89	95	90	80	77	67	72	79	80	85	85	86	81	79	85	73	73	82	83	84	73	70	62	....	79.3
	Minimum	45	52	51	46	47	49	52	55	60	66	61	52	57	42	43	43	48	55	48	51	55	57	63	67	51	53	51	52	55	50	....	52.6
Beavertown/	Maximum	70	75	72	73	77	76	90	85	91	85	79	69	66	70	78	79	85	85	88	80	65	82	73	80	77	78	84	79	68	58	....	§77.2
	Minimum	60	51	40	36	38	48	49	54	57	64	59	46	45	34	44	35	44	50	47	44	62	53	63	70	46	45	48	50	62	54	....	§49.9
Berwick	Maximum	81	78	73	73	78	80	87	90	93	90	85	76	71	72	77	79	86	89	89	88	82	83	83	76	78	77	84	83	81	69	....	81 0
	Minimum	45	57	45	41	46	51	53	59	61	69	59	50	50	40	39	40	48	52	52	51	63	60	66	68	57	49	51	56	55	49	....	52.7
Bethlehem[1]	Maximum	81	81	76	73	73	75	86	90	93	87	80	74	67	70	79	80	89	90	92	88	71	87	78	76	83	81	87	81	75	67	....	80.3
	Minimum	52	57	54	51	55	56	57	66	69	66	60	56	49	44	44	47	55	60	59	60	64	61	67	68	62	57	55	60	63	47	....	57.4
Blairsville[1-6 NE	Maximum	72	69	65	70	75	80	84	83	86	78	69	68	66	67	69	74	78	80	82	79	70	82	79	66	70	73	83	82	76	55	....	74.3
	Minimum	55	49	45	47	51	53	56	62	66	60	55	50	49	44	47	51	54	59	56	57	59	58	64	55	54	49	57	56	50	38	....	53.5
Bradford-4 W	Maximum	73	70	65	69	74	79	85	82	84	77	73	66	65	68	72	78	79	81	85	82	76	80	77	71	68	76	79	82	79	55	....	75.0
	Minimum	40	44	32	30	30	44	49	58	57	63	56	46	32	36	33	35	40	51	47	39	56	52	57	56	42	34	43	45	55	42	....	44.8
Brookville[1-1.5 SW.	Maximum	76	73	68	72	76	81	86	89	87	78	76	70	64	70	74	77	81	84	86	82	74	84	78	71	73	75	85	82	80	56	....	76.9
	Minimum	43	45	36	38	36	49	48	54	57	60	51	49	44	39	34	35	42	48	41	41	57	54	66	51	44	38	42	46	52	40	....	46.0
Burnt Cabins[1-2 NE	Maximum	78	82	82	72	76	77	89	92	94	86	79	71	68	70	75	78	84	84	86	80	80	84	77	77	80	80	84	80	66	61	....	79.1
	Minimum	42	50	40	37	38	44	48	52	58	62	52	44	44	34	31	36	41	48	43	42	59	54	68	54	46	44	46	48	54	40	....	46.6
Butler	Maximum	78	78	75	72	75	82	85	95	94	92	81	77	71	74	80	79	81	86	89	90	82	88	87	80	76	76	85	90	91	89	....	82.6
	Minimum	40	42	35	39	41	46	50	56	56	68	54	50	50	40	35	40	43	49	47	41	61	53	54	58	45	39	44	36	45	34	....	46.4
Canton/-1 NW	Maximum	75	72	67	71	73	74	84	83	87	80	73	63	67	70	74	77	82	85	87	84	67	81	73	70	76	75	82	80	77	61	....	§75.7
	Minimum	41	49	39	39	41	44	53	56	61	64	54	47	37	37	39	41	46	55	54	53	55	54	55	64	49	43	45	55	57	46	....	49.1
Carlisle	Maximum	79	78	72	72	73	71	85	87	92	87	86	76	66	69	74	76	82	83	85	81	75	82	80	74	80	80	84	78	70	74	....	78.4
	Minimum	50	52	50	42	45	51	56	57	61	67	62	52	57	38	42	42	50	54	51	52	64	62	67	71	55	57	52	55	58	52	....	54.1
Chambersburg[6-1 SW.	Maximum	80	81	75	76	76	80	86	92	96	88	79	78	68	72	79	80	84	86	87	82	80	84	79	74	81	81	84	79	72	64	....	80.1
	Minimum	46	51	47	40	43	48	51	56	60	64	60	47	48	37	37	40	44	52	47	50	62	57	66	65	50	49	49	52	56	49	....	50.8
Clarion[6-3 SW	Maximum	78	75	70	73	80	84	90	91	90	80	75	67	68	73	77	79	83	85	88	84	77	85	79	74	74	79	89	83	77	59	....	78.9
	Minimum	45	55	37	38	39	47	49	57	58	63	49	50	46	40	38	38	45	49	49	41	60	53	61	56	44	39	44	49	54	45	....	47.9
Claysville/	Maximum	76	75	73	77	83	86	90	91	92	84	75	78	74	74	76	79	83	84	86	79	75	88	78	75	76	85	88	85	76	58	....	80.0
	Minimum	49	56	36	36	43	49	54	59	60	61	57	44	47	45	36	40	41	48	48	47	54	55	60	65	47	40	40	45	57	45	....	48.8
Coalport/	Maximum	78	76	71	73	76	79	88	90	91	82	75	67	59	75	50	77	63	85	85	80	73	83	71	70	75	80	85	83	80	58	....	75.9
	Minimum	37	48	38	35	34	34	45	45	52	55	59	45	44	36	35	34	36	41	48	38	38	53	54	65	42	40	42	42	43	46	....	43.5
Coatesville/	Maximum	80	80	74	75	73	77	84	89	90	87	80	77	68	70	77	79	85	86	87	83	77	85	78	76	82	81	84	78	74	59	....	79.2
	Minimum	44	48	54	55	56	58	50	58	61	65	64	52	54	44	42	42	47	53	49	52	54	56	58	66	59	52	51	51	60	56	....	§53.7
Columbia	Maximum	82	84	78	76	75	80	88	92	95	90	82	80	71	75	81	83	86	89	90	85	81	88	76	76	84	83	88	84	75	69	....	82.2
	Minimum	47	54	52	44	49	50	59	60	64	69	66	52	54	42	43	43	48	55	51	53	63	61	66	69	56	54	52	61	55	55	....	54.9
Corry	Maximum	75	69	66	72	78	84	89	86	89	79	73	65	71	71	74	80	83	86	88	84	75	83	76	72	69	78	80	89	78	55	....	77.2
	Minimum	43	40	32	29	36	50	55	57	54	65	55	49	38	37	32	34	40	47	46	36	57	51	59	57	43	32	45	45	40	41	....	44.8
Coudersport	Maximum	73	71	73	70	74	78	86	82	86	78	75	68	68	70	73	77	82	83	85	84	75	80	72	71	72	74	85	83	72	59	....	76.0
	Minimum	39	37	36	31	32	42	45	49	55	63	53	43	32	34	32	31	43	49	47	46	36	57	51	59	57	43	32	45	45	40	....	44.0
Curwensville[1-6 NW	Maximum	70	70	64	66	70	74	82	83	84	74	70	62	58	65	70	72	77	79	81	77	70	77	72	68	68	71	80	79	74	53	....	72.0
	Minimum	48	46	40	43	40	50	53	57	62	59	50	42	41	38	41	47	49	56	52	51	56	54	63	51	48	43	50	54	50	38	....	49.1
Derry	Maximum	78	73	72	77	83	86	90	90	92	85	81	72	69	72	74	78	81	86	87	80	75	88	83	74	77	79	89	87	82	64	....	80.1
	Minimum	49	60	39	44	57	59	51	56	60	68	61	48	57	49	38	37	44	49	48	47	62	53	69	59	53	44	45	54	63	48	....	52.4
Donegal[1]	Maximum	72	71	69	70	75	81	85	86	88	80	70	69	63	68	71	75	78	80	81	70	72	83	79	65	74	73	81	82	78	55	....	74.8
	Minimum	44	50	33	41	50	48	48	51	55	62	57	41	52	40	30	34	40	44	48	45	55	46	64	50	46	38	39	51	50	38	....	46.3
Donora[1]	Maximum	79	77	72	77	81	86	91	94	93	85	76	73	74	75	81	85	85	85	85	78	82	88	82	77	79	81	89	85	80	61	....	80.8
	Minimum	55	44	44	47	51	56	58	65	66	65	62	52	58	49	44	43	49	54	50	54	64	60	71	61	55	49	51	56	54	46	....	54.4
Eagles Mere/	Maximum	70	69	63	65	67	72	77	82	84	75	71	65	68	65	69	75	78	79	84	83	68	78	77	78	74	78	79	74	76	60	....	73.4
	Minimum	48	52	45	45	45	49	51	57	63	64	56	48	40	40	42	51	58	58	60	61	58	58	58	64	50	49	50	56	56	46	....	52.6
East Waterford[6-3 E	Maximum	74	73	67	69	70	70	84	85	89	80	71	65	60	66	71	72	80	80	84	78	70	78	67	67	75	75	79	73	63	61	....	73 2
	Minimum	56	58	48	49	52	52	58	68	70	65	59	52	50	46	52	55	60	65	62	63	59	63	64	60	56	56	62	61	59	44	....	57.5
Ebensburg/	Maximum	71	69	69	70	74	83	84	86	77	77	76	67	67	69	71	75	81	81	83	77	76	80	74	64	69	74	81	82	76	52	....	74.5
	Minimum	46	53	39	41	44	50	52	60	62	55	46	45	47	39	38	40	46	52	49	47	48	52	65	59	47	45	49	52	57	42	....	48.9
Emporium/-1 E.	Maximum	77	76	70	74	78	80	89	90	89	81	76	63	69	73	76	83	81	83	85	84	73	82	75	73	76	78	81	85	81	57	....	77.9
	Minimum	44	48	40	36	36	38	46	49	62	62	53	49	37	39	39	37	37	49	53	47	47	58	59	61	48	43	44	47	55	45	....	46.9
Ephrata	Maximum	81	82	78	75	75	77	85	88	92	88	85	77	71	70	71	80	86	88	90	88	73	86	80	77	83	81	85	78	73	66	....	80.1
	Minimum	47	54	52	45	50	53	57	61	63	71	64	53	53	44	41	42	48	55	52	54	64	58	67	70	56	52	52	55	58	51	....	54.7
Erie[1]	Maximum	76	66	65	70	82	88	80	71	82	81	70	61	67	69	72	77	78	81	84	86	71	87	78	69	62	78	84	87	70	59	....	75.0
	Minimum	58	52	47	48	56	61	68	63	60	66	57	50	48	52	51	58	60	65	64	62	63	64	69	61	49	46	62	68	53	47	....	57.6
Everett[1-0.5 SW	Maximum	81	78	73	74	78	78	90	92	95	88	77	73	63	70	76	77	85	85	87	80	76	83	79	76	79	80	84	80	76	60	....	79.1
	Minimum	42	48	41	39	38	48	48	51	57	65	53	47	44	40	35	39	41	48	44	43	59	56	64	51	48	45	45	42	58	45	....	47.5
Farrell	Maximum	81	77	72	81	85	92	96	92	90	88	86	86	81	78	80	83	87	91	92	92	80	89	87	77	77	85	89	90	89	62	....	84.5
	Minimum	57	57	43	45	49	57	63	65	66	63	58	58	54	50	44	46	52	57	57	51	67	61	73	61	51	45	51	59	60	47	....	55.6
Ford City/-4 S	Maximum	78	75	71	74	79	84	89	92	92	84	76	72	70	71	77	78	82	85	86	81	77	87	83	74	75	78	86	83	77	59	....	79.2
	Minimum	45	57	40	40	40	44	48	50	57	61	51	49	49	42	40	39	40	46	49	45	47	53	54	65	47	43	44	47	49	45	....	47.5
Franklin/	Maximum	77	73	69	75	79	84	89	88	88	78	76	68	77	77	79	82	85	88	88	82	77	85	87	74	72	78	86	83	78	58	....	79.3
	Minimum	40	50	41	40	40	41	51	55	59	61	54	54	45	43	41	41	43	49	53	44	46	59	59	63	46	41	41	47	51	45	....	48.1
Fredericksville-1 S.	Maximum	77	77	71	72	71	72	72	86	88	83	79	72	66	68	75	77	83	85	87	81	67	82	76	74	80	78	72	77	74	67	....	76.3
	Minimum	43	49	48	47	48	47	52	58	59	65	62	50	49	40	41	47	46	50	50	51	59	55	60	66	56	52	49	51	57	49	....	51.9
Freeland	Maximum	74	73	68	71	69	71	82	85	87	83	76	76	66	68	72	76	81	85	82	80	72	78	69	70	74	73	80	80	80	63	....	§75.5
	Minimum	53	55	45	43	49	52	57	64	64	65	56	49	46	41	39	46	54	55	60	59	58	57	61	61	53	51	56	56	55	40	....	53 3
George School[6]	Maximum	80	81	74	75	77	77	84	87	86	87	81	77	70	72	78	80	86	88	89	84	75	84	80	79	81	80	85	83	73	67	....	80.0
	Minimum	48	56	55	49	55	56	56	62	66	69	67	54	51	44	44	43	50	53	58	56	63	57	64	66	63	53	50	60	58	50	....	55.9
Gettysburg	Maximum	78	77	75	71	72	75	82	86	91	88	86	75	71	68	74	77	83	85	85	80	75	83	80	74	79	79	81	78	72	69	....	78.3
	Minimum	48	55	52	45	47	52	55	62	62	69	66	54	52	41	40	43	47	51	49	51	61	66	66	55	54	53	53	55	53	57	....	54 3
Gordon	Maximum	80	76	72	73	75	78	85	88	91	84	78	70	68	71	75	77	83	86	88	83	76	83	78	72	77	77	83	77	70	66	....	78.0
	Minimum	40	48	41	34	41	46	53	53	56	63	55	45	50	31	31	33	44	47	46	45	61	57	61	65	54	44	45	49	55	45	....	47.9
Greensburg-2 S	Maximum	75	74	70	75	80	83	87	88	90	82	72	73	70	72	74	77	81	84	82	77	75	88	83	73	75	78	87	85	81	63	....	78.5
	Minimum	42	55	36	39	41	45	44	51	55	65	60	44	51	39	34	34	40	45	41	43	60	50	67	59	44	43	41	45	53	48	....	47.1
Hanover/	Maximum	80	81	74	74	75	78	85	90	92	88	80	78	67	70	76	80	84	87	85	80	77	83	76	73	82	80	86	74	75	60	....	79.0
	Minimum	49	52	54	47	49	53	57	60	66	69	66	55	56	44	43	45	49	53	54	55	60	60	67	70	57	55	55	56	61	56	....	55.8
Harrisburg Arpt. [1-3.5 S.	Maximum	80	80	71	74	75	76	87	91	94	88	78	74	68	70	75	77	85	86	88	83	77	83	74	75	81	81	86	72	70	65	....	78.8
	Minimum	48	55	52	46	49	53	60	61	63	68	61	53	47	43	43	47	50	57	53	54	63	62	69	66	56	54	53	58	58	50	....	55.1
Hawley-0.5 E	Maximum	80	75	71	73	72	70	85	83	85	83	73	68	65	68	75	76	83	84	87	85	68	78	70	70	78	76	80	78	68	62	....	75.6
	Minimum	40	52	45	34	40	44	51	58	62	64	59	49	41	34	33	35	45	47	49	48	56	57	58	63	53	45	46	51	53	44	....	48.5
Hewitt-2 SW.	Maximum	89	80	75	72	75	88	78	92	96	88	85	79	80	75	78	79	81	80	85	79	79	82	80	77	80	80	80	82	77	74	....	80.8
	Minimum	57	59	55	50	46	60	65	64	68	60	55	52	42	45	29	32	37	45	39	42	52	56	63	64	45	60	50	53	55	49	....	51.6
Holtwood[1]	Maximum	81	79	72	73	75	81	88	90	90	90	79	77	69	68	75	76	81	84	86	82	77	84	77	78	77	77	84	72	73	68	....	78.8
	Minimum	55	60	57	53	57	58	63	67	71	73	63	61	54	50	52	54	55	61	58	61	66	64	68	70	61	61	59	63	64	53	....	60.4
Huntingdon	Maximum	80	78	71	73	77	77	89	92	94	87	86	78	65	71	77	78	85	87	88	83	75	79	79	85	81	76	86	79	83	78	....	79.8
	Minimum	44	51	42	41	40	49	51	57	61	65	60	46	48	43	39	38	43	53	54	46	57	57	62	67	47	48	45	53	56	50	....	50.4

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana	Maximum	76	78	70	72	78	83	87	86	89	80	77	75	67	70	73	77	81	83	86	80	75	85	78	72	73	76	86	84	80	63	....	77.8
	Minimum	50	57	42	45	49	55	55	54	63	66	58	51	61	44	43	45	50	57	53	53	61	68	64	58	50	43	54	56	62	52	....	54.0
Irwin	Maximum	75	75	74	77	82	85	87	90	93	92	84	75	73	73	74	79	83	87	88	85	77	88	88	90	77	79	89	89	85	70	....	81.8
	Minimum	66	60	49	56	61	62	68	69	71	68	60	52	54	51	51	58	62	65	66	57	63	68	69	60	50	57	68	65	60	48	....	60.5
Jamestown/-2 NW	Maximum	79	73	70	75	80	86	90	85	87	80	78	69	76	74	77	79	84	85	87	85	79	85	78	74	68	81	88	86	77	61	....	79.2
	Minimum	44	48	35	35	40	51	55	57	60	64	51	52	47	45	36	40	44	49	52	48	55	57	58	58	47	38	41	51	57	44	....	48.6
Johnstown/	Maximum	79	77	75	75	80	84	91	93	94	85	74	70	64	72	77	79	85	86	89	80	77	85	80	72	77	82	87	87	84	60	....	80.0
	Minimum	46	52	44	44	42	47	50	55	60	66	63	50	52	44	40	41	43	47	49	46	49	56	57	68	49	47	47	50	53	59	....	50.2
Kane[1]-1 N	Maximum	72	69	64	68	73	79	84	86	84	76	70	60	63	68	72	76	79	81	82	80	74	78	73	69	69	74	82	80	74	53	....	73.7
	Minimum	40	38	30	29	32	44	47	52	52	58	48	41	34	32	30	32	38	44	43	36	51	50	60	44	39	32	40	42	50	36	....	41.5
Lancaster	Maximum	78	80	75	73	73	75	82	85	88	85	80	77	72	70	75	77	81	83	82	80	74	83	79	77	78	77	80	74	73	71	....	77.9
	Minimum	44	51	50	44	46	48	54	58	60	65	63	49	51	39	39	38	43	51	47	50	62	57	60	63	54	49	49	52	53	52	....	51.4
Lawrenceville	Maximum	79	72	68	73	77	81	91	77	86	83	76	66	69	70	74	79	81	85	87	87	69	80	74	71	76	78	86	84	78	61	....	77.3
	Minimum	44	52	41	40	40	43	52	64	68	65	54	49	38	40	39	40	49	55	54	51	59	59	57	60	48	43	48	51	51	45	....	50.0
Lebanon	Maximum	81	80	73	74	75	79	87	91	94	89	80	75	70	73	77	82	86	89	92	84	74	87	78	74	82	82	85	75	71	58	....	79.9
	Minimum	48	50	50	43	43	50	58	59	61	65	63	50	53	40	40	40	44	49	49	52	54	58	59	66	54	51	52	54	57	55	....	52.2
Lewistown/-2 SW	Maximum	81	80	73	75	77	78	90	92	95	89	81	74	70	73	80	80	85	87	89	85	75	84	76	77	81	81	86	80	75	63	....	80.4
	Minimum	46	53	44	43	43	44	50	53	58	67	62	50	51	41	39	39	43	55	53	50	64	63	69	69	52	51	50	52	56	54	....	52.1
Lock Haven[6]	Maximum	81	77	72	75	76	81	90	92	92	86	80	70	72	75	79	80	88	86	90	83	72	81	74	75	79	80	86	82	78	70	....	80.1
	Minimum	46	55	45	41	42	48	52	60	60	66	59	50	49	43	40	43	47	57	56	50	61	60	62	66	50	48	51	53	56	51	....	52.2
Marcus Hook/	Maximum	81	83	85	80	78	78	81	86	92	90	94	88	78	68	75	84	84	90	93	88	84	84	88	80	80	88	86	87	86	74	....	83.8
	Minimum	59	62	62	55	57	61	62	64	68	69	71	61	57	48	51	55	59	63	61	63	67	64	65	67	67	62	60	65	67	60	....	61.7
Martinsburg[1]	Maximum	75	72	69	70	74	75	85	87	90	81	71	69	61	68	75	75	80	81	82	76	72	81	75	71	75	76	84	77	74	56	....	75.2
	Minimum	51	52	41	41	41	44	47	58	60	63	54	48	48	37	38	39	46	52	46	46	60	54	67	52	49	45	51	53	55	43	....	49.4
Mauch Chunk-1 SW	Maximum	76	76	73	70	70	69	80	83	85	80	77	68	63	67	71	74	80	80	83	84	79	78	78	70	73	72	77	73	70	67	....	74.9
	Minimum	40	40	47	36	40	46	54	55	58	64	58	48	49	32	34	35	44	50	48	48	59	58	57	65	52	44	45	50	57	51	....	48.8
Meadville/-1 S	Maximum	77	70	70	75	80	85	88	87	88	78	75	67	74	75	76	82	85	87	89	84	77	85	75	74	70	79	88	84	76	57	....	78.6
	Minimum	42	45	38	34	38	49	55	58	58	59	51	52	43	40	35	39	42	45	48	43	46	55	60	58	41	37	37	45	53	44	....	46.3
Mercer[1]-2.5 NE	Maximum	74	70	67	72	77	83	87	85	85	75	71	66	72	71	74	78	83	84	85	81	73	82	74	71	69	76	84	82	73	56	....	76.0
	Minimum	49	43	37	42	48	52	57	59	64	58	52	52	46	45	39	44	47	56	53	52	61	58	67	49	43	40	49	55	48	42	....	50.2
Middletown[1]-1.5 W	Maximum	81	79	71	74	74	77	86	88	92	88	78	75	69	72	76	79	85	87	88	83	76	85	74	74	81	80	84	76	72	64	....	78.9
	Minimum	49	55	50	46	50	52	59	61	64	69	57	52	46	43	45	45	50	56	52	53	63	61	67	68	55	55	54	54	58	50	....	54.6
Midland[6]	Maximum	78	73	70	74	81	83	88	90	89	81	75	67	74	70	75	79	80	83	86	78	72	86	80	73	73	75	85	81	78	56	....	77.9
	Minimum	53	54	45	44	51	53	56	60	62	62	54	54	53	50	43	45	50	54	50	51	61	58	66	53	47	45	49	55	52	43	....	52.4
Montrose/-3 E	Maximum	74	69	63	68	70	72	83	81	85	80	70	61	67	66	69	72	79	83	83	83	65	80	71	68	72	72	80	78	64	49	....	72.6
	Minimum	47	51	42	40	42	49	51	56	64	64	58	48	37	39	40	44	46	55	58	59	60	57	57	62	48	45	48	55	57	47	....	50.9
Mt. Pocono[1]-2 N	Maximum	73	70	64	67	68	66	80	81	86	79	69	65	62	65	69	72	78	81	83	80	61	78	66	67	74	73	78	74	64	60	....	71.8
	Minimum	46	50	46	40	46	45	56	60	60	60	50	42	39	36	40	42	49	53	56	52	54	54	58	61	51	45	49	50	54	38	....	49.4
New Bloomfield	Maximum	80	79	72	74	75	80	80	91	93	86	80	70	69	71	76	77	83	84	86	82	75	82	80	73	69	46	45	46	49	52	50	78.5
	Minimum	41	48	41	35	38	44	49	49	56	61	56	46	51	34	33	36	42	49	45	45	60	58	63	69	46	45	46	49	52	50	....	47.9
Newburg[1]-3.5 NW	Maximum	72	76	66	66	68	71	78	85	88	78	70	66	60	64	70	70	76	78	80	75	70	78	65	69	72	74	76	71	63	62	....	71.9
	Minimum	41	44	38	42	40	42	45	51	58	56	46	42	36	34	32	38	42	47	43	45	56	50	60	48	44	44	46	48	50	42	....	45.0
New Castle-1.5 N	Maximum	78	74	72	75	80	88	92	91	89	79	76	67	74	76	80	83	86	87	88	83	74	74	86	76	75	82	86	85	76	60	....	79.7
	Minimum	50	47	38	38	43	49	54	59	60	61	52	52	49	44	38	39	44	49	48	45	61	55	55	52	46	42	46	51	52	40	....	48.6
Palmerton[1]	Maximum	78	75	71	72	72	71	83	85	88	85	77	70	66	71	74	79	83	85	86	83	66	80	72	73	79	76	80	75	69	56	....	76.0
	Minimum	43	53	43	39	46	50	59	58	62	66	55	49	43	36	37	34	47	54	53	52	62	61	62	65	54	48	50	53	60	45	....	51.3
Park Place[1]-1 NW	Maximum	73	70	65	68	67	70	83	84	88	79	73	65	62	65	68	71	78	80	84	80	67	78	68	68	74	74	81	79	72	62	....	72.5
	Minimum	52	54	45	45	50	52	57	64	65	60	54	50	46	38	45	47	56	62	61	62	57	59	62	60	52	51	59	55	56	39	....	53.8
Phila. Arpt.[1-7 SW	Maximum	81	82	75	75	74	78	85	88	88	89	82	76	67	70	78	80	85	87	88	82	79	84	81	79	83	81	84	80	73	69	....	80.1
	Minimum	50	60	57	52	60	61	62	68	67	68	63	58	53	47	49	50	54	57	55	58	66	62	64	70	62	57	56	62	63	47	....	58.6
Philadelphia C.O.[1]	Maximum	80	81	76	75	74	78	84	88	87	88	82	78	68	72	79	79	86	88	91	82	77	85	78	79	84	82	85	81	73	67	....	80.2
	Minimum	59	62	59	57	60	61	62	69	69	72	70	62	57	50	57	57	62	65	66	66	67	66	65	69	67	63	63	62	63	52	....	62.6
Phila. Shawmont	Maximum	80	82	82	75	74	77	86	90	88	88	82	80	68	73	79	81	87	88	89	88	80	85	82	78	72	88	85	82	73	71	....	81.1
	Minimum	49	56	52	48	54	56	59	63	66	70	54	54	53	45	47	47	50	57	54	57	65	60	64	69	64	57	56	59	60	55	....	56.7
Philipsburg[1-7 E	Maximum	73	71	65	66	70	73	85	85	87	80	71	65	60	66	72	73	79	79	81	75	69	78	70	69	71	74	79	76	70	54	....	72.8
	Minimum	45	53	46	48	54	58	59	64	67	63	59	55	54	49	49	50	55	60	59	58	61	59	67	58	52	50	55	61	51	43	....	54.0
Phoenixville-1.5 SE	Maximum	83	84	82	75	75	77	88	89	90	90	84	77	72	72	78	81	86	87	91	86	79	86	79	82	84	83	85	80	75	71	....	81.7
	Minimum	45	53	54	43	50	50	56	60	63	70	65	50	54	39	39	38	45	52	48	52	63	57	62	70	60	50	50	55	56	54	....	53.4
Pittsburgh Arpt.[1-7.5 SE	Maximum	76	74	70	73	79	86	90	92	92	84	76	72	71	72	76	79	82	83	86	77	76	87	80	76	78	81	87	84	79	59	....	78.5
	Minimum	52	55	46	48	54	58	59	64	67	63	59	55	54	49	49	50	55	60	59	58	61	59	67	58	52	50	55	61	51	43	....	55.7
Pittsburgh City Office[1]	Maximum	78	76	71	75	80	86	89	92	92	84	76	72	71	72	76	79	82	83	86	77	76	87	80	76	78	81	87	84	79	59	....	79.5
	Minimum	58	58	48	49	53	60	60	64	67	67	61	57	56	52	47	46	53	59	56	56	65	60	70	61	57	51	53	58	53	44	....	56.6
Port Clinton/	Maximum	79	78	70	73	72	73	83	85	91	85	77	72	68	72	75	80	82	85	87	82	68	82	75	72	79	78	74	65	68	59	....	76.3
	Minimum	43	43	48	38	45	49	55	56	59	68	59	48	53	36	36	37	45	52	50	58	61	58	60	65	55	51	48	48	52	53	....	51.0
Putneyville-2.5 SE	Maximum	74	75	69	73	80	82	87	90	90	80	74	67	66	69	74	75	80	83	84	81	76	84	79	71	73	75	84	82	79	57	....	77.1
	Minimum	45	59	37	42	50	55	49	54	57	63	52	47	45	40	36	35	41	42	46	43	58	52	64	55	46	38	44	49	52	43	....	48.0
Quakertown-0.5 E	Maximum	78	79	72	72	71	71	81	89	86	82	78	75	66	67	79	76	82	85	85	84	74	80	77	77	76	76	81	76	74	69	....	77.3
	Minimum	45	65	64	43	50	48	52	64	62	72	61	64	48	38	37	38	45	49	48	52	62	54	61	64	56	47	47	53	57	54	....	53.3
Reading[1]	Maximum	81	80	75	75	74	75	85	89	92	87	80	78	69	72	79	80	86	87	89	83	70	85	77	77	82	81	85	78	73	66	....	79.7
	Minimum	52	60	51	48	54	56	59	66	65	69	61	55	50	46	44	45	52	58	57	58	63	61	66	69	61	55	55	60	61	50	....	57.0
Ridgway/	Maximum	76	75	71	74	78	83	89	91	90	79	74	63	65	73	77	80	83	85	87	85	76	84	78	73	75	78	87	85	78	57	....	78.3
	Minimum	38	41	35	33	33	37	46	47	56	58	50	45	37	37	39	33	35	43	47	40	41	51	54	63	38	37	38	43	44	41	....	42.7
Scranton[1]	Maximum	79	74	68	73	75	78	84	86	90	83	75	68	66	70	73	76	82	87	86	87	69	85	75	74	76	77	85	84	70	64	....	77.3
	Minimum	46	56	49	42	50	54	55	63	64	66	60	51	47	41	40	42	51	55	56	54	63	60	65	62	56	48	52	56	60	44	....	53.6
Selinsgrove	Maximum	79	77	76	74	83	78	86	88	92	90	88	86	83	82	78	80	86	86	87	88	87	84	82	82	82	81	84	83	68	54	....	81.8
	Minimum	42	52	48	35	40	45	51	55	59	53	56	47	49	43	33	35	43	48	44	40	44	46	60	61	48	44	46	50	51	49	....	47.2
Somerset	Maximum	74	72	70	71	74	78	87	86	88	85	73	72	60	69	72	76	78	80	80	72	73	81	78	74	73	79	82	81	77	62	....	75.9
	Minimum	39	48	35	35	36	45	40	46	52	62	57	40	52	34	30	31	35	41	38	37	59	44	65	58	43	37	38	41	57	43	....	43.9
Springs[6-1 SW	Maximum	72	71	69	78	72	78	84	85	85	79	67	69	59	66	71	72	74	76	76	68	70	80	75	67	71	76	78	78	77	60	....	73.4
	Minimum	38	46	34	37	39	48	43	49	53	62	54	41	46	36	31	34	38	43	40	44	54	48	62	50	43	41	41	46	53	42	....	44.5
State College[1]	Maximum	78	74	68	71	74	74	86	90	90	83	75	64	65	68	75	75	81	84	86	81	72	81	74	73	74	76	82	79	74	57	....	76.1
	Minimum	52	52	43	40	44	51	49	60	62	63	56	49	48	37	41	43	49	54	52	49	61	58	66	53	49	47	52	54	57	44	....	51.2
Stroudsburg-2 E	Maximum	80	79	76	76	78	75	87	88	89	87	84	74	71	74	76	....	....	....	....	....	....	....	75	76	81	81	84	80	78	71	....	§§
	Minimum	42	46	49	39	46	45	57	63	65	64	63	48	43	32	35	....	....	....	....	....	....	....	60	65	55	48	48	51	54	53	....	§§
Tamarack/-2 S	Maximum	72	70	65	64	67	73	82	85	83	74	70	57	61	64	70	72	77	78	81	79	72	75	66	64	71	72	81	79	71	51	....	71.5
	Minimum	44	48	43	43	44	47	49	55	61	62	53	46	40	43	45	49	53	57	60	59	57	57	58	63	46	46	47	55	56	43	....	51.0
Tionesta/-1.5 SE	Maximum	76	72	68	72	77	73	80	89	80	78	74	66	69	73	76	80	84	86	87	83	76	83	77	72	70	78	85	82	77	55	....	76.6
	Minimum	40	49	39	38	38	41	49	53	59	60	52	52	43	42	39	40	44	50	51	44	56	58	62	45	41	41	42	57	43	....	....	47.1
Titusville-2 S	Maximum	72	70	64	71	78	82	86	84	88	81	72	68	67	71	75	77	80	82	83	80	75	82	73	72	67	76	82	81	74	55	....	75.6
	Minimum	49	47	32	33	42	52	56	55	57	65	52	50	40	37	33	38	43	51	48	42	59	54	66	56	49	26	44	55	55	42	....	47.6
Towanda-1 E	Maximum	79	73	70	73	74	80	89	82	88	84	77	68	70	70	74	78	84	85	87	84	68	80	77	71	77	79	85	84	71	64	....	77.5
	Minimum	42	54	41	39	41	43	47	63	63	66	58	48	40	38	39	40	50	54	53	52	58	57	58	63	45	45	45	50	50	44	....	49.5
Tunkhannock	Maximum	77	76	74	72	74	77	85	85	88	86	84	71	67	71	75	83	84	86	87	85	72	83	76	72	77	77	85	82	70	62	....	§78.1
	Minimum	44	55	45	37	41	45	51	62	63	66	58	51	40	37	43	39	46	52	50	52	58	58	65	54	47	45	52	55	50	44	....	§50.1
Uniontown	Maximum	79	75	74	79	84	88	89	91	92	87	79	76	73	75	78	83	85	88	88	88	76	78	90	84	75	79	80	90	87	83	69	81.8
	Minimum	54	59	42	53	58	58	53	57	61	68	63	50	57	52	40	42	47	51	50	55	63	53	70	59	53	48	47	57	59	48	....	54.2

Continued on page 72

Daily Temperatures for September 1946—Continued from page 71.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum	79	77	74	79	83	86	91	92	93	85	80	74	74	73	76	80	86	87	90	82	77	89	83	75	78	80	91	88	78	73	....	81.8
	Minimum	52	55	41	43	45	48	52	57	60	65	58	50	53	44	41	40	47	52	52	47	62	55	69	58	52	45	48	50	56	46	....	51.4
Warren	Maximum	76	75	69	74	79	85	90	88	91	83	78	67	82	74	77	82	86	86	89	88	78	86	80	74	74	81	90	87	78	58	....	80.2
	Minimum	42	47	40	36	34	50	55	61	59	66	53	50	38	43	40	39	47	53	52	43	60	56	65	59	44	41	46	57	49	42	....	48.9
Waynesburg	Maximum	75	76	75	80	85	88	92	91	92	84	72	72	74	76	79	83	85	86	86	77	75	90	82	78	78	82	91	86	81	63	....	81.1
	Minimum	47	52	38	39	43	48	48	55	59	67	60	44	49	43	35	37	41	45	44	46	60	52	65	58	46	41	43	48	57	45	....	48.5
Wellsboro/	Maximum	78	74	69	72	77	79	87	84	88	81	74	63	70	71	75	79	84	85	87	86	68	83	73	72	73	78	86	84	72	71	....	76.8
	Minimum	41	43	38	37	37	39	41	49	60	59	56	45	35	38	36	37	37	46	52	47	47	58	55	59	45	42	42	45	46	47	....	45.3
Wellsville	Maximum	78	79	77	71	72	77	84	88	91	86	85	74	68	67	75	78	84	85	82	81	78	84	77	74	80	83	84	79	70	68	....	78.6
	Minimum	44	50	49	39	43	47	52	56	58	65	60	48	54	37	35	38	43	51	45	48	64	58	63	69	51	48	48	49	43	51	...	50.2
West Chester	Maximum	80	81	74	74	70	76	85	88	89	88	82	76	70	69	77	79	85	87	88	82	75	85	78	76	82	80	85	80	71	66	....	79.3
	Minimum	50	55	55	50	55	55	59	64	65	70	68	56	53	44	46	48	53	59	56	58	64	64	66	69	60	56	56	59	62	51	...	57.5
Wilkes-Barre[1]. Apt. -3N.	Maximum	80	73	70	73	75	78	85	89	91	85	78	70	68	72	75	78	84	89	88	86	72	85	76	74	79	79	87	84	71	63	....	78.6
	Minimum	47	55	45	41	45	49	54	61	63	64	56	49	45	39	41	42	50	56	55	55	61	58	64	61	56	49	50	53	54	43	...	52.0
Williamsport Arpt.[1]-4 E	Maximum	79	76	70	73	78	78	84	92	91	85	77	68	73	72	76	79	85	86	89	83	70	81	73	74	76	79	83	80	69	58	....	77.9
	Minimum	45	53	44	41	42	51	51	62	62	64	58	50	46	41	39	41	50	46	56	51	61	62	68	59	53	50	52	54	56	45	....	52.1
Williamstown	Maximum	79	77	75	75	76	76	86	89	92	88	84	70	68	72	76	80	84	86	88	86	79	85	82	73	78	78	85	82	72	66	....	79.6
	Minimum	43	51	45	37	41	50	53	55	58	64	57	46	53	34	33	36	43	50	42	46	63	56	66	68	49	45	48	51	53	51	....	49.6
Woodward Apt[1]-2 NE.	Maximum	73	70	65	68	71	71	83	85	87	78	73	60	62	64	69	71	78	81	83	79	66	77	69	68	72	73	79	76	68	61	....	72.7
	Minimum	54	49	44	45	49	50	56	65	67	59	54	48	45	43	46	52	54	60	60	60	57	60	64	53	52	49	59	57	56	39	..	53.5
York-3 SW	Maximum	82	84	82	78	77	82	89	94	96	95	92	81	78	73	79	82	88	89	90	88	80	87	84	77	84	83	87	85	88	71	....	84.2
	Minimum	46	53	51	41	44	47	54	58	63	69	62	48	54	38	38	40	44	52	47	51	64	56	66	72	55	50	50	53	64	56	....	52.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.34	13	29.74	10	7.4	22	sw.	10	81	58	77	70	73
Harrisburg	30.41	5	29.78	10	6.0	26	nw.	30	89	52	69	73	47
Philadelphia	30.38	6	29.74	30	6.7	20	se.	21	87	53	71	68	12
Philipsburg	30.43	5	29.84	10	.....	25[a]	nw.	30	93	56	87	.....	238
Pittsburgh	30.32	18	29.79	10	8.3	31	w.	10	83	47	62	68	46
Reading	30.42	6	29.78	30	7.8	33	nw.	30	84	.....	.....	71	29
Scranton	30.45	5	29.74	10	4.6	23	sw.	10	87	53†	....	69	68

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.2	4.3	25	1.2	15†	18
Easton	Delaware	1.3	4.0	26	0.4	18†	22
Lehighton	Lehigh	2.7	4.4	25	2.3	18	9
Reading	Schuylkill	3.8	6.8	25	3.0	15	13
Wilkes-Barre	N. Br. Susquehanna	2.0	6.0	25	1.5	24	22
Williamsport	W. Br. Susquehanna	0.5	2.8	30	0.1	20	20
Newport	Juniata	3.5	4.5	25	3.2	8†	22
Harrisburg	Susquehanna	3.3	4.0	27	3.1	21	17
Schenley, (nr) Lock No. 5.	Allegheny	11.5	11.7	1	11.5	4	24
Sutersville	Youghiogheny	2.5	2.6	26	2.3	20	20
Charleroi(nr.), Lock No. 4	Monongahela	14.4	14.8	25	14.2	3	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																	7	4	1			2	1					1	1		
Fog, heavy	3		6	8	3	5	18	14	19	6			5	18	13	11	15	15	20	11	17	30	8	14	10	14	12	13	15	4	
Frost, killing				3											2																
Glaze																															
Hail																												2	2		
Rain, heavy																					2			1							
Sleet																															
Snow, heavy																															
Thunderstorms		1				3	1	18	37										3	2		6	11					29	3	
Winds, high									14			3																	17		

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
• Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

(W. B. O., Philadelphia—11-1-46—975)

51.05
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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LI. OCTOBER 1946. No. 10.

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GENERAL SUMMARY.

The warm trend which began in September continued throughout October, and weather was ideal for enjoyment of the outdoors. Temperatures and sunshine were considerably above normal, with a record warm spell coming at the end of the month. Rainfall was above normal, so that pastures greened almost as in spring, saving farmers the cost of fodder.

It was the sixth warmest October of record. The month did not start warm. The first few days were below normal in temperature, but warmed up rapidly for a four-day spell of temperatures in the 80's, although the nights were cool. The middle of the month was cooler than normal for a few days, but the period from the 16th or 17th till the end of the month was very warm, in many cases averaging ten to twenty degrees above normal during the last week. The maxima of record for given dates were broken in various parts of the State. At Harrisburg, the maximum temperature on the 30th was the highest for so late in the season. At Philadelphia, a new record maximum for so late in the season was set on the 31st. Degree days at seven Weather Bureau stations averaged 62% of normal. Weather Bureau stations recorded, on an average, 110% of the normal sunshine.

Periods of wet weather were quite evenly spaced. The rains were mostly due to frontal passages, but the effects of a Florida hurricane were felt around the 9th, the chief source of moisture being the Atlantic Ocean. The passage of a rather slow-moving cold front lifted air which had previously been heavily saturated, and by the 12th, heavy rain was in evidence. The Gulf of Mexico provided the moisture source in the storm of the 18-19th; a widespread and typical low pressure system, with well-developed cold and warm fronts, moved rapidly northeastward from Oklahoma to Illinois in 24 hours, then to New England and out to sea in the following 24 hours, bringing considerable rain to Pennsylvania on those dates. The storm of the 26th and the following days was of the cold front type, the front moving rather slowly and being preceded by a squall line. Damaging winds were not, however, reported.

The little snow that occurred fell on the first. Measurable snow fell at only a few places. Heavy fog occurred practically every day somewhere in the State. Air traffic was hampered by widespread fogs around the 22d to 25th.

The absence of killing frosts over most of the State was favorable for late crops. However, the unseasonably warm weather at the end of the month was not good for newly seeded grains which attained rank growth.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 87 stations was 56.0°, which is 3.4° above the 59-year normal for October. The highest monthly mean was 63.2° at Marcus Hook, and the lowest was 50.0° at Kane. Extremes ranged from a maximum of 92° at Bethlehem on the 7th, to a minimum of 24° at Donegal, Philipsburg and Somerset on the 14th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 217 stations, was 3.50 inches, which is 0.23 inch above the 59-year normal for October. The greatest monthly amount was 5.50 inches at Sharpsville, while the least was 1.22 inches at Philadelphia City Office. The greatest amount recorded in any 24 consecutive hours was 2.51 inches at Erie on the 11-12th.

The average snowfall for the State was a trace, which is 0.2 inch below the 59-year normal. The greatest monthly snowfall was 0.3 inch at Springs. The greatest fall for any observational day was 0.3 inch at Springs on the 1st.

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	46.3	74	19	4.02	T	16	9	6	16
1889	47.3	83	13	3.85	0.2	10	8	9	14
1890	50.9	81	21	5.87	0.3	15	6	8	17
1891	50.6	91	15	3.06	T.	8	11	9	11
1892	50.8	83	16	0.72	T.	6	13	11	7
1893	53.0	91	17	3.26	T.	8	14	8	9
1894	53.6	88	24	4.26	T.	9	12	8	11
1895	47.3	76	17	1.99	0.3	5	17	8	6
1896	48.9	86	18	3.19	T.	9	11	8	12
1897	54.2	95	16	1.32	T.	5	14	8	9
1898	53.8	92	20	5.20	T.	12	11	7	13
1899	54.6	94	15	1.55	0	6	13	8	10
1900	58.6	95	19	2.74	0	8	11	9	11
1901	52.2	83	20	1.28	T.	5	16	10	5
1902	53.1	89	19	4.64	0.1	9	12	9	10
1903	53.4	91	20	4.64	0.1	9	12	8	11
1904	50.6	91	12	2.87	T.	7	15	8	8
1905	53.2	90	16	4.23	T.	9	14	7	10
1906	52.0	87	14	4.46	1.1	14	7	7	17
1907	48.2	87	13	3.16	T.	7	16	8	7
1908	54.6	93	19	1.95	T.	6	16	7	8
1909	48.4	87	15	2.27	T.	7	13	7	11
1910	55.6	91	14	1.91	0.5	7	16	8	7
1911	52.3	83	18	4.83	T.	11	11	7	13
1912	54.2	90	23	2.74	T.	7	15	7	9
1913	54.9	88	16	5.44	0.2	13	10	6	15
1914	56.4	91	11	2.35	T	9	11	9	11
1915	54.2	85	17	2.65	T.	8	15	7	9
1916	52.1	92	16	2.25	T.	6	18	7	6
1917	47.2	84	12	6.38	1.7	13	10	10	11
1918	55.5	85	19	3.17	0	10	15	8	8
1919	57.5	92	21	4.77	0	17	9	8	14
1920	57.5	88	22	1.67	T.	5	19	7	5
1921	52.6	84	18	2.16	0	8	17	7	7
1922	54.8	94	12	2.51	T.	7	18	6	7
1923	51.0	87	12	2.38	T.	8	15	8	8
1924	52.9	87	14	0.28	0	2	21	7	3
1925	46.1	83	9	4.83	3.8	15	6	8	17
1926	51.9	90	16	4.51	0.2	14	10	9	12
1927	55.6	99	21	6.40	0.1	9	17	5	9
1928	55.1	91	15	1.78	0.1	8	14	8	1
1929	50.6	85	14	5.59	T.	9	12	8	11
1930	50.8	93	9	0.99	0.2	6	15	7	9
1931	55.7	93	20	1.83	T.	9	15	8	8
1932	53.8	86	20	5.31	T.	11	10	7	14
1933	51.6	90	11	1.91	T.	8	16	9	6
1934	51.8	84	11	1.46	0.6	6	17	7	7
1935	53.0	89	16	2.77	T.	9	16	8	7
1936	54.0	87	11	3.69	T.	11	13	6	12
1937	50.6	89	12	5.84	0.1	14	8	8	15
1938	54.5	91	16	1.81	T.	6	18	6	7
1939	53.6	92	15	3.88	T.	11	13	7	11
1940	50.0	85	10	2.03	1.1	8	12	8	11
1941	57.0	100	19	2.77	T.	13	9	9	13
1942	53.9	88	15	4.51	0.1	12	13	7	11
1943	50.1	89	17	5.63	0.3	13	11	5	15
1944	50.8	90	12	3.14	T.	10	13	9	9
1945	51.0	85	20	2.75	T.	12	13	8	10
1946	56.0	92	24	3.50	T.	10	14	7	10
Period	52.6	100	9	3.27	0.2	9	13	8	10

Climatological Data for October 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	57.2	+4.2	88	6	33	23	1 92	−1.38	0.76	26	0	8	13	7	11	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	55.2	+3.1	82	7	32	14	4.81	+1.92	1.59	25-26	T.	10	17	9	5	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	55.0	.....	84	6	28	14	4.34	.....	1.43	12	0	11	16	4	11	n.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	6	54.5§	.....	.....	.....	33	14†	3.63	.....	1.62	12	0	9	17	6	8	w.	Mrs. E. Dillon Stone.
Carlisle	Cumberland	473	77	58.1§	+5 0	84	6	34	14	3.35	−0.03	1.03	12	0	10	20	4	7	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	56.6	+3.2	85	6†	32	14	4.11	+0.82	1.25	25-26	0	11	16	7	8	sw.	Charles A. Bender.
Coatesville	Chester	431	58	58.6	+4.4	86	6	35	16†	2.20	−1.23	0.55	26	0	10	17	5	8	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	3	52.8	.....	80	6	29	13	4.95	.....	1.59	25-26	T.	10	10	6	15	s.	U. S. Weather Bureau
Eagles Mere	Sullivan	2,020	4	54.2	.....	78	6†	30	13	4.85	−0.99	1.50	12	0	10	16	5	10	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	56.3	.....	82	7	35	1†	4.77	+1.02	1.68	12	0	12	14	6	11	nw.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	59	54.8	+4.7	88	6	30	14	3.65	+0.44	0.96	25-26	T.	8	11	6	14	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	48	58 4	+3 9	86	6†	35	14†	3.19	−0.02	0.97	25	0	9	17	7	7	s.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	54.8	+3.0	84	6†	29	14	3.52	+0.77	1.59	25-26	0	10	14	4	13	e.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	56.6	+8.8	83	6	34	1†	4.12	+0.07	1.30	26	T.	10	15	1	15	w.	Andrew B. Evansha.
George School	Bucks	184	39	58.9	+3.6	87	6	34	22	1 63	−1.59	0.64	9-10	0	7	16	7	8	w.	George M. Hart.
Gettysburg	Adams	500	72	58 5	+4.9	83	7	36	14†	2.44	−0.89	0.72	26	0	11	20	3	8	nw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	54.6	+3 8	83	7	27	14	4.23	+0.05	1.28	25-26	0	9	15	4	12	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	58.8	+2.7	85	6†	36	14	3.58	+0.41	1.19	25-26	0	10	18	5	8	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	58.4	+3.6	83	6	36	14	3.33	+0.40	0.98	25-26	0	10	10	9	12	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	54.2	+4.7	84	6	29	14	2.22	−1.18	0.79	26	T.	8	17	6	8	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	59.7	+3.1	81	30	45	13†	2.01	−0.70	0.64	25 26	0	9	18	4	9	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	58	56.8	+4.1	83	7	32	14	4 49	+1.57	1.50	25 26	0	10	14	7	10	w.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	58	57.0	+3.4	82	30	33	14	3.13	−0.04	0.90	25-26	0	11	21	5	5	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	55.8	+5.2	86	7	33	14†	2 62	−0.22	0 95	26	0	7	16	7	8	....	Carlos P. Darling.
Lebanon	Lebanon	469	61	58.2	+4.5	87	6†	34	14	3.60	+0.04	1.44	25-26	0	11	18	6	7	n.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	7	57 6	.....	88	6	35	14†	5.01	.....	1.85	12	0	11	10	9	12	w.	American Viscose Co.
Lock Haven	Clinton	557	54	57.0	+3.6	87	6†	35	13†	4.05	+0.85	1.29	12	0	9	18	4	9	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	63.2	+3.8	90	6	41	13	1 91	−0.65	0.48	9-10	0	10	17	3	11	sw.	Sun Oil Co.
Martinsburg	Blair	1,193	3	54.5	.....	81	7	30	14	4.03	.....	1.61	25-26	T.	9	11	5	15	w.	U. S Weather Bureau
Montrose-3 E	Susquehanna	1,176	40	53.8	+4.8	80	5†	32	2	3.09	−0.58	0.90	25-26	T.	10	11	9	11	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	53.3	+5.1	82	6†	30	20	3.95	−0.66	1.50	11-12	T.	10	13	3	15	w.	U. S. Weather Bureau.
Palmerton	Carbon	155	27	55.4	+3.0	84	6	30	14	2.76	−0.61	1.14	11-12	0	7	13	8	10	sw.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	75	62.4	+4.6	87	6	45	14	1.22	−1.59	0.35	11-12	0	8	13	7	11	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	50.4	.....	81	7	24	14	5.17	.....	1.38	25-26	1	9	10	6	15	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	58 2	+2.9	88	6	32	14†	2.05	−1.23	0.56	26	0	11	17	13	1	sw.	Phila.-Suburban Water Co
Port Clinton‡‡	Schuylkill	407	7	57.8	+4 5	85	6†	34	22	3 48	−0.49	1.62	25-26	0	9	21	0	10	n.	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	60	56.2	+4.0	81	6†	31	22†	2.25	−1.17	0.60	26	0	12	14	11	6	nw.	John E. Benner.
Reading	Berks	273	75	59.8	+4.4	88	6	38	14	2.52	−0.60	0.83	26	0	9	14	6	11	n.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	56.7	+4.8	85	6	33	14	2.14	−0.89	0.77	26	T.	10	10	11	10	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	55.9	+3.0	85	6	32	14	3.69	+0.12	1.26	25-26	0	10	16	8	7	sw.	Dr. George E. Fisher.
State College	Centre	1,217	60	55.5	+4.2	82	6†	33	14†	4.20	+1 28	1 22	25-26	0	9	12	8	11	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	57.7	+5.7	89	6	32	3†	2.86	−0.85	0.84	25 26	0	11	15	1	15	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	5	54.0	.....	81	6†	33	1†	3 36	.....	0.92	25-26	T.	8	11	8	12	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	55.6	+4.7	86	6	32	3†	2.76	−0.26	1.10	11-12	0	8	16	5	10	e.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	53.8	+5.0	85	5†	29	14	2.98	0.00	0.90	12-13	0	12	14	1	16	w.	M. S. Bliss.
West Chester	Chester	440	96	59.7	+5.1	85	6†	39	22	2.12	−1.50	0.65	11-12	0	10	17	7	7	sw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	7	56 8	.....	87	6	34	3	2.62	.....	0.96	12	0	5	11	5	15	ne.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	1	56.2	.....	85	6	35	14	4.53	.....	1.83	11-12	0	11	8	9	14	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	29	56.2§	+2.7	85	6†	29	14	3.60	−0.48	1.03	25-26	0	10	9	11	11	.....	Gordon E. Lower.
Woodward-2 NE.	Centre	2,191	4	54.6	.....	81	7	34	1†	5.13	.....	1.92	11-12	T	10	13	3	15	w.	U. S. Weather Bureau.
York-3 SW	York	390	57	59.1	+4.8	90	7	32	14	4.39	+1.17	1.58	25 26	0	11	14	8	9	e.	York Water Co.
Division mean				**56.6**	.....	**92**	**7**	**24**	**14**	**3.38**	.....	**2.40**	**12**	**T.**	**10**	**15**	**6**	**10**	w.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	55.8	.....	82	7	31	13	4.11	+0.38	1.02	25-26	0	10	15	0	16	se.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	28	52.0	+2 5	82	5	26	14	4.17	+0 59	1.86	11-12	T.	11	9	10	12	w.	City Water Dept.
Brookville Apt.-1.5 SW.	Jefferson	1,400	55	53.1	+3.9	83	6	29	14	4.24	+1.22	1.07	11-12	T.	10	10	8	13	e.	Civil Aeronautics Authority
Butler	Butler	1,077	32	57.4	+4.6	89	6†	30	13	3.03	−0.19	1.15	17-18	0	9	11	7	13	sw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	54.6	.....	87	6	29	13	4.61	+1.05	1 30	11-12	T.	10	11	5	15	e.	Penna. Electric Co.
Claysville	Washington	1,170	42	55.7	+1.9	87	5	27	13	3.32	+0 25	1.18	11-12	0	7	18	3	10	sw.	Walter B. Paget.
Corry	Erie	1,410	31	53.2	+3.9	86	6	27	14	4.01	+0.23	1 62	11-12	T.	9	17	5	9	sw.	J. Fred Kinley.
Coudersport	Potter	1,653	21	52.2	+3.5	84	6	26	14	3.38§	−0.05	0.94	12	0	8	14	7	10	se.	Potter Enterprise.
Derry	Westmoreland	1,150	48	57.4	+3.3	87	5	30	14	4.07	+0.86	1.12	25-26	0	10	17	7	7	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	52.4	.....	83	7	24	14	3 63	.....	1.12	25-26	T.	10	16	8	7	w.	Penna. Turnpike Comm.
Donora	Washington	761	19	59.3	+3.1	88	7	34	13	3.71	+0.80	1.15	25	0	9	15	6	10	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	54.4	+4.6	82	6†	29	13	4.53	+1.35	1.39	25-26	T.	12	9	9	13	w.	John L. McGough.
Farrell	Mercer	855	32	60.4	+7.1	89	5	36	22	3.99	+1.30	1.42	11-12	0	9	14	8	9	se.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	2	55.0	.....	85	5†	30	14	4.26	.....	1.07	9-10	0	9	17	4	10	w.	U.S. Engineers.
Franklin	Venango	987	71	54.6	+3.5	87	6	32	13†	4.92	+1.78	1.04	17	0	12	17	5	9	s.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	54.4	+0.3	84	7	27	14	3.82	+0 76	0.92	25-26	0	10	19	3	9	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	44	54.8	+2 3	85	7	29	14	3.78	+0.39	0 98	18	0	10	12	10	9	e.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	4	55.6	.....	85	5†	25	22	4 81	+1.90	1.52	17-18	0	12	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	57.5	+3.9	88	5	32	14	3 63	+0.62	1.34	25-26	T	9	13	8	10	s.	Johnstown Tribune Pub. Co
Kane-1 N.	McKean	1,750	30	50.0	.....	81	6†	25	14	4.01	+0.29	1.56	11-12	T.	11	17	2	12	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	54.1	+3.4	85	6†	29	13	4.79	+1.38	1.76	17-18	0	10	15	5	11	sw.	City of Meadville.
Midland	Beaver	780	9	56.5	+2.5	83	6	33	13	4.41	+1.05	1.35	17-18	0	11	14	5	12	se.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	65	55.6	+3.1	87	6†	32	13†	4.73	+2.00	1.67	11-12	0	11	13	8	10	n.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	12	58 8	+4.7	82	7	35	13	3.47	+0.95	1.04	11-12	0	11	12	8	11	s.	U. S. Weather Bureau
Putneyville-2.5 SE	Armstrong	1,270	2	54 2	.....	82	5†	27	15†	4.63	.....	1.09	12-13	0	10	10	9	12	ne.	U.S. Engineers.
Ridgway	Elk	1,385	38	52 4	+3.8	87	7	26	14	4.05	+0.97	1.18	17-18	T.	10	17	4	10	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	52.0	+2.7	84	6†	24	14	3.53	+0.45	1.31	25-26	0	11	9	8	14	se.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	51.3	+1.9	80	7	27	13†	3.73	+0.21	1 38	25	0.3	12	12	7	12	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	52.9	.....	85	6†	31	13†	4 73	+0.92	1.30	25 26	0	12	14	6	11	sw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	53.9	.....	84	5†	27	22	4.79	.....	1.44	17-18	0.2	13	7	16	8	se.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	58.8	+3.9	85	5†	32	13†	2.85	−0.43	1.08	25	0	11	16	11	4	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	57.8	+3.9	89	5	32	14	3.97	+0.85	1.09	25-26	0	8	13	14	4	....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	56.1	+5.2	87	7	30	14	3.69	+0.17	1.13	12	0	6	18	8	5	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	56.8	+2.2	85	5†	28	13†	3.08	+0.26	1.09	25	0	7	11	9	11	w.	Thomas S Knox.
Division mean				**55 0**	.....	**89**	**5†**	**24**	**14**	**4.01**	.....	**2.07**	**11 12**	**T.**	**10**	**14**	**7**	**10**	sw.	
Lake Drainage																				
Albion	Erie	900	2	56.6	.....	83	6	35	21	4.23	.....	1.30	11	0	8	17	10	4	se.	Charles C. Gilbert.
Erie	Erie	705	72	59.1	+5.7	81	5	40	21	4.37	+0.68	2.51	11-12	0	6	10	9	12	se.	U. S. Weather Bureau
State mean				**56.0**	**+3.4**	**92**	**7**	**24**	**14**	**3.50**	**+0.23**	**2.51**	**11 12**	**T.**	**10**	**14**	**7**	**10**	w.	

[See page 80 for explanation of reference marks.]

Daily Precipitation for October 1946

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike										.15	.37	.50						.41								.45	.05		.07			2.00
Equinunk[2]	Wayne	.07	.15								.16		.29	.54					.03	.69							.68				.05		2.66
Hawley[2], 0.5 E	Wayne	.03	.07								.09	T.	.19	.47					T	.57		T.					.79		.01				2.22
Hollisterville[2]	Wayne	.04	.08								.04	.08	.03	.44					.02	.54		.01	T.				.70			.01			1.90
Lakeville[2], 1 N	Wayne	.24	.08								.09	T.	.19	.47					T.	.57		T.					.79		T.				2.43
Matamoras[2]	Pike	.07									.15	.08	.31	.63						.35							.46	.04					1.94
Milanville[2]	Wayne	.04	.26								.15	T.	.17	.55						.65							.60	.06	T.				2.18
Mount Pocono[1], 2 N	Monroe	.02	.01							T	.46	.50	1.34						.54			T					.38	.02	.07	.02		T.	3.95
Pecks Pond[1]	Pike	.02	.04	.05							.06	.06	.68	.44	T.				.01	.45							.61	.01		.11			2.54
Pleasant Mount[1,5], 1 W	Wayne									.12	.06	.06	.93						.89								.66						2.72
Stroudsburg, 2 E	Monroe										.51	.02	.34	.54					.38	.15	T.	.01					.84	.01	.02	.04			2.86
Tanners Falls[1,5], 1 SE	Wayne		.04	.02						.13	.02		.72						.66								.70						2.23
Wind Gap[1,5], 3 SW	N'rthampton										.21	.10	.56						.33								.69		.07	.04			2.00
LEHIGH																																	
Allentown Apt[1,5], 4 NE	Lehigh	T.								.01	.19	.09	.55					T.	.19		T.	T.				T.	.76		.12	.03		T.	1.92
Allentown[5]	Lehigh	.51									.21	.04	.20	.47				T.	T.	.23		.02					.78	.04		.09			2.59
Bethlehem[1]	N'rthampton									.02	.25	.11	.56					T.	.26		.01						.69		.09				1.99
Blakeslee Corners[1,5]	Monroe										.20	.11	1.19	.62					.66								1.16						3.34
Gouldsboro[2]	Wayne	.10	.05								.12	.07	.33	.84					.03	.55							.85			.05			2.99
Lansford[2]	Carbon	.03									.26	.05	.48	.72					T.	.52		T					1.47			.11			3.64
Mauch Chunk, 1 SW	Carbon	.06								.08	.20	.11	*	.68					.58	.03	T.	T.					1.28	.01	.29	.14	T.		3.41
New Tripoli	Lehigh									.03	.30	.04	.81	.09					.41		.03						1.24		.11	.08		T	3.14
Palmerton[1,5]	Carbon									T.	.14	.10	1.17						.37		T.						.91		.06	.01			2.76
Zionsville, 1 SW	Lehigh									*	.40	.10	.35	.40				.05	.35			.05					.75						2.45
SCHUYLKILL																																	
Conshohocken	Montgomery									*	*	*	*	.74					.06		.32						.94		.03				2.09
Fredericksville[2], 1 S	Berks									T.	.43	.03	.45	.47				.03		.30		.10					.86	T.		.06			2.75
Geigertown[2]	Berks										.46	*	.28	.39				.07		.31		.13					.63			.04			2.29
Gratersford[2]	Montgomery	.19								.12	.17	.12	.31	.39				.04		.26		.09					.43	.21		.04			2.37
Phoenixville[2], 1.5 SE	Chester	.02								.04	.51	.08	.24	.38						.15		.05					.40	.16		.02			2.05
Port Clinton[2]	Schuylkill										.22	.05	.35	.58					.08	.22		.08					1.62			.28			3.48
Pottstown[2], 0.5 S	Montgomery									.05	.67	.75	.32	.42				.06		.26		.09					.53	T.	T.	.02			3.17
Pottsville[2]	Schuylkill										.13	T.	.43	.73						.53		.06					1.90			.09			3.87
Reading[1,5]	Berks	T.								.06	.63	.13	.47					.03	.22		.16						.83		.01				2.52
Strausstown[2]	Berks	.01									.28	.02	.43	.56				.01	T.	.45		.11					1.46		T.	.21			3.54
Virginville[2]	Berks	T.									.18	.04	.12	.52				.02		.33		.09					1.15	.01		.18			2.64
Wernersville	Berks									.06	.44	.04	.45	.08				.01	.30		.16						.94		.27	T.			2.78
LOWER DELAWARE																																	
Coatesville[2]	Chester									.02	.40	.01	.32	.40						.18		.14					.55	.10	T.	.08			2.20
Doylestown	Bucks									T.	.40	.05	.29	.25				.07	.23		.01					.56		.13	.03			2.02
George School[6]	Bucks										.64	.01	.37	.19					.12		T.	T.					.29		.01				1.63
Maple Glen[7]	Montgomery									T.	.20	T.	.39	.26					.01	.12		T.					.58		.19				1.75
Marcus Hook[2]	Delaware	T.								.07	.48	.06	.27	.25						.12		.01					.34	.13	T.	.18			1.91
Philadelphia																																	
Southwest Airport, 1	Philadelphia									.18	.18	.04	.25						.08		.01	T.				T.	.34	T.	.12	.04			1.24
City Office[1,5]	Philadelphia									.13	.20	.05	.33						.04		T.	T.					.22	T.	.20	.05			1.22
Shawmont	Philadelphia									.02	.26	.05	.26	.30				.02	.12	.04	.02						.46		.11				1.66
Quakertown, 0.5 E	Bucks										.41	.08	.24	.35				.06	.37		.04	.02					.60	.02	.05	.01			2.25
West Chester	Chester									.06	.50	.06	.65						.12		.08	.01					.55		.08	.01			2.12
West Grove[2], 1.5 SE	Chester	T.								.07	.58	.04	.23	.46						.10		.14					*	.60	.20	T.			2.42
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1,5], 2 W	Tioga											.64							.26							.82							1.72
Covington[2]	Tioga										.31	.15	T.	1.02					.15	.45							1.10						3.18
Lawrenceville	Tioga									.05	.18		.84	.10				T.	.42								.95					.08	2.62
NORTH BRANCH																																	
Berwick	Columbia	.01								T.	.02	T.	*	.96					.87		.01	.02		.01			.89		T.				2.79
Canton[2], 1 NW	Bradford	.04	.02								.19	.03	.03	1.62					.15	.42							1.13						3.63
Danville[2]	Montour										.05	.05	.19	.82					.26	.54		.14					.83			.12			3.00
Freeland[2]	Luzerne	.41	.03									.08	.28	1.20					T.	.80							1.30	.03	.01	.03			4.12
Hop Bottom[2], 2 S	Susquehanna	.70									.34		1.00	.30						.06							*		*	1.70			4.10
Millville[1,5]	Columbia									.03	.10	.22	.92						.81		.02	.03				.02	.74		.04				2.93
Monroeton[2], 2 S	Bradford	.03	.02								.19	.02	.12	1.33					.07	.32		.03					1.11			.05			3.29
Montrose[2], 3 E	Susquehanna	.12	.07								.18		.42	.73					.08	.54		.01					.90			.04			3.09
Orwell[2], 3 N	Bradford	.15	.05								.18		.34	.94					.19	.32							.96		.01	.02			3.16
Park Place[1], 1 NW	Schuylkill	T.								T.	.09	.31	1.47					T.	.59		.01				.04	1.43		.08	T.		T.	4.02
Pikes Creek[1,5]	Luzerne											.12	.79						.82								.68						2.41
Rush[2]	Susquehanna	.03	.08								.20		.20	.80					.24	.23		T.					1.10		T.	.07			2.95
Scranton[1,5]	Lackawanna	T.	.06							.02	.01		.65					T.	.56		T					.77		.07			T.	2.14
Susquehanna[2]	Susquehanna	.03	.14								.12	T	.19	.62					.05	.37		T.					.74	T.		.07			2.33
Towanda, 1 E	Bradford	T.	.01							T.	.31	T.	1.10	.05				T	.31	T.	.02						.94		.02	T.	T.	T.	2.76
Tunkhannock	Wyoming	.15									.15		*	1.15						.39							.75						2.59
Wilkes-Barre[1], 3 N	Luzerne	T.	T.							T.	.02	T.	.96					T.	.85		T.	T.				T.	.77		.02			T.	2.62
WEST BRANCH																																	
Ausonia[2], 2 W	Tioga										.40	.15	.02	.93					.34	.20		T.					.86						2.90
Carrolltown[2]	Cambria	.10	T.								1.30	.03	T.	.75					.63	.20		.56					1.08						4.65
Carter Camp[2]	Potter										.46	.35		.88					.21	.84							1.10			.01			3.85
Cedar Run[2]	Lycoming										.38	.08		.84					.22	.55							.91			.01			2.99
Clearfield[2]	Clearfield	.02									.87	.17		.43					.57	.56	.03	.56					1.10			T.			4.31
Coalport[2]	Clearfield		T								1.10	.05		.43					.42	.50		.62					1.10						94.22
Curwensville Apt[1] 6 NW	Clearfield	.01								.39	.81	T.	.76					.01	.73		.60	T			1.49	.10					.05	4.95
Driftwood[1,5]	Cameron									.21	.59		.61						.68		.12				.68	.25						3.14
Dushore[1,5]	Sullivan									.10	.10	.06	1.12						.56						.16	.96						3.06
Eagles Mere[2]	Sullivan	.04									.19	.02	.45	1.50					.08	1.10							1.26		.03	.18			4.85
Emporium[2], 1 E	Cameron	T.	T.								.72	.13	.09	.64					.64	.42	T.	.05					.96						3.65
English Center[1,5]	Lycoming									.20	.30		1.10						.74						.99	.21						3.54
Galeton	Potter	T.								.06	.68		.76	.04				T.	.74	.02	T.						1.12		.01	.03	T.	T.	3.46

Continued on page 76.

Daily Precipitation October for 1946 – Continued from page 75.

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
WEST BRANCH (continued)																															
Karthaus[2]	Clearfield										1.11	.23	T.	.42					.50	.48	.01	.46					1.25					4.46
Lock Haven[2]	Clinton										.37	.08		1.29					.33	.67		.17	.01				1.11		.02			4.05
Medix Run[1, 5]	Elk									*	*		1.47						1.05		.32					.94	.10				.02	3.90
Philipsburg[1], 7 E	Centre	T.								.84	.56	.03	.72					T.	1.02	T.	.60	T				1.18	.20		T.		.02	5.17
Renovo[2]	Clinton										.78	.03		.78					.25	.38		.05					.77					3.04
State College[1, 5]	Centre	T.								.49	.25	T.	.90					T.	.76	T.	.54	.01				1.03	.19		.03	T.	T.	4.20
Tamarack[2], 2 S	Clinton	T	T.								.70	.08	T	.79		T.			.33	.50	T.	.03	T.				.92			T	.01	3.36
Trout Run	Lycoming									.09	.24	.04	1.83						.75								1.16		.04			4.15
Tyrone [1, 5], 4 NE	Blair									.88	.68		.64						.82		*	*					2.23					5.25
Wellsboro[2]	Tioga	.03									.25	.20	.03	.90		.01			.13	.59		.01	.01				.81			.01		2.98
Williamsport Apt.[1]-4 E	Lycoming	.02								.15	.12	.09	1.78					T.	1.00		.01	.01				.71	.58		.06	T.	T.	4.54
Williamsport[2]	Lycoming										.20	.14	.10	1.82					.17	.87		.02					1.27		.03	.02		§4.64
Williamsport[2], 4 SE	Lycoming	T.									.22	.08	.30	1.86					.19	.93		.05					1.35		.07	.03		5.08
JUNIATA																															
Altoona, 4.5 W	Blair	.02								.64	.54	.04	.54						.69	.04	.71					.05	1.54					4.81
Breezewood[1], 0.5 E	Bedford	.04	.08							.63	.03		.83					.10	.40	.32						.58	.42				T.	3.43
Buffalo Mills[2]	Bedford									.08	.45			.44					.11	.28	.25	.23					1.53					3.37
Burnt Cabins[1], 2 NE	Fulton	.05								.38	.13	.01	1.43					.10	.50		.42					.80	.51		.01			4.34
East Waterford[2], 3 E	Juniata	T								T	.35	.18	.04	1.68				.05	.21	.42	.03	.59	T.				1.12		.05	.05		4.77
Everett[2], 0.5 SW	Bedford	.03	T							T.	.36	.03	T.	.65				.05	.10	.28	.21	.22	T.				1.59			T.		3.52
Huntingdon[2]	Huntingdon									.09	.41	.07	.01	.81					.29	.40	.51	.40					1.50					4.49
Lewistown[2], 1 W	Mifflin		.01							.04	.39	.12	.01	1.85					.30	.51	T	.50	.03				1.25		T	T		5.61
Mapleton Depot[2]	Huntingdon									.02	.35	.08		1.13				.06	.10	.48	.05	.63					1.24					4.14
Martinsburg[1]	Blair	T.						T.		.78	.07	T	.51					.02	.55	T.	.48	.01				1.38	.23		T.		T.	4.03
McConnellstown[2], 4NW	Huntingdon									.04	.65	.05		.65					.15	.50	.15	.55					1.54					4.28
Neffs Mills[1, 5], 3.5 NE	Huntingdon									.50	.20		.80						.73		.55					.88	.15					3.81
New Bloomfield	Perry									.18		.52	1.05					.03	.61		.50						1.17		.05	.02		4.13
Newport[2]	Perry									T.	.14	.04	.08	1.50				.04	.10	.59		.47					1.00		.10	.02	T.	4.08
Saxton[2], 1 W	Bedford									T.	.59	T.		.54				.05	.12	.34	.24	.25					1.50					3.63
Shade Gap[1, 5], 0.5 SW	Huntingdon									.20	.12		1.42					.03	.54		.11	.22				.67	.45					3.76
LWR SUSQUEHANNA																															
Arendtsville[2]	Adams									.02	.34	.17	.03	.75				.08	.02	.21	.05	.46					.86		.08	.04		3.11
Beavertown[2]	Snyder											.20	.10	1.60					.40	.40	.10	.27					1.56		.08	.04		4.75
Bloserville, 1.5 N	Cumberland									.17	.05	.06	1.20	.06				.03	.48		.38	1				T.	.95			.10		3.38
Carlisle	Cumberland									.15	.12	.03	1.03	T.				.08	.36		.55						.96		.06	.01		3.35
Columbia	Lancaster									.08	.39	.04	.42	13				.04	.27	.43							1.07		T.			2.87
Dauphin[2], 3 N	Dauphin	T.	T.							T.	.19	.12	.20	.87				.03	.06	.35		.40					1.01		.10	.02		3.35
Ephrata	Lancaster									.02	.53	.13	.68	.01					.36		.25						.97		.24			3.19
Glen Rock[1, 5]	York									.10	.41	*	.60						.25		.33	.01			.03	.05	.97	03	.05			2.83
Gordon	Schuylkill										.10	.05	1.02	.70					.55		.46	.05					1.28		.02			4.23
Grantville, 2 SW	Dauphin									.04	.16	.10	.69	.20				.02	.45		.33	.01					1.03		.16	.02		3.21
Hanover[2]	York									.03	.85	.17	.08	.50				T.	T.	.27		.41					1.19		.02	.06		3.58
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T.								.10	.09	.29	.62					.04	.34		.46	.01				T.	.98	T.	.10		T.	3.33
Holtwood[2]	Lancaster	T.								.04	.40	.04	.28	.13						.18		.28					.64		T.	.02		2.01
Huntsdale[2]	Cumberland										.20	.13		.94					.05	.20		.58					.96					3.06
Kirkwood[1, 5], 1 SW	Lancaster									.29	.29	.18	.64						.20		.15						.73		.03			2.51
Lancaster	Lancaster									.02	.54	.22	.23	.43				.01	.28		.35	.05					.90		.10			3.13
Lebanon[2]	Lebanon									T.	.32	.08	.30	.62				.07	.03	.43		.23					1.44		.01	.07		3.60
Middletown[1], 1.5 W	Dauphin	T.								.09	.14	.28	.52					.04	.29		.46	T.				.02	1.03	T.	.24	T.	T.	3.11
Millersburg[1, 5], 2 E	Dauphin									.05	.06	.21	1.14						.60		.25					.12	.87		.07			3.37
Milroy[2]	Mifflin										.57	.09	.02	1.81					.46	.45		.45					1.26			.03		5.14
Newburg[1], 3.5 NW	Cumberland									.25	.20		2.40					.05	.54		.58	.03				.60	.67		.13			5.40
New Park	York									.20	.38	.22	.40						.19		.24						1.01					2.64
Pine Grove[2], 1.5 NE	Schuylkill	T.								T.	.12		.56	.64				.03	.03	.06		.52					1.68		T.	.05		3.69
Selinsgrove[2]	Snyder	.04								.12		.04	1.25	.07					.67		.10	.04					1.26			.10		3.69
Shamokin[2]	Northumberland										.02	.04	.18	.95					.14	.57		.02					1.10		T.	.09		3.11
Shippensburg	Cumberland									.24	.07	.03	.88	T.				.01	.47		.48	.02					1.07		.07	.10		3.44
Sunbury[2]	Northumberland	T									.03	.02	.25	1.01					.32	.52		.13					1.19		.03	.10		3.60
Wellsville	York	.04								.04	.15	.06	.55	.18				.04	.25	T.	.44	.02					.91		.36	.01		3.05
Williamstown[2]	Dauphin	.06									.16	.10	.36	.98					.12	.53		.09					1.03			.17		3.60
Woodward[1], 2 NE	Centre	T.								.31	.42	.02	1.91						.82		.28	.03				.91	.41		.02		T.	5.13
York, 3 SW	York									.18	.51	.72	.29	.25				.07	.27		.46	.06					1.58		.02			4.39
York Haven[2]	York										.25	.13	.24	.64				.03	T.	.26		.40					1.38		.03	.10		3.46
Potomac Basin																															
Chambersburg[6], 1 SW	Franklin	.01								.73	.15	.03	.97					.05	.34		.51	.01				T.	1.25		.06			4.11
Gettysburg	Adams									.12	.22	.06	.45	.22				.05	.19		.28	.01					.72		.12			2.44
Hewitt, 2 SW	Bedford	T.	T.							.50	.27	.03	.60						.38		.48	.06					1.75				.13	§4.20
Hyndman[2]	Bedford									T.	.33	T.		.47				T.	T.	.30	.20	.25					1.66			T.		3.21
McConnellsburg[2]	Fulton									T.	.70	T.		1.26				T.	.10	.35	.14	.20					1.45		T.			4.20
Mercersburg[2]	Franklin									.14	.76	.05	T.	1.02					.25	.13	.19	.27					1.60		.04	T.		4.45
South Mt. San't'm[2]	Franklin	.03								.05	.43	.14	.01	1.00				.03	.01	.26	.03	.55					1.05		.05	.12		3.76
GULF DRAINAGE																															
Ohio Basin																															
ALLEGHENY																															
Acmetonia[2]	Allegheny	.11									.40	.20	.14	1.00				.02	.69	.18	.06	T				.01	.97					3.78
Allens Mills[1, 5]	Jefferson									.22	.39		.80						1.31		.46					.89	.03				.03	4.13
Blairsville[1], 6 NE	Indiana	.05								.54	.23	T.	1.01					.04	.82	T	.27					.94	.08				.18	4.11
Boswell[2], 6 NW	Somerset	.13								.03	.36		T.	.85					.53	.15	.32	.42					1.27					4.06
Bradford, 4 W	McKean	.02								T.	.04		1.86	.10				.11	1.08	.06						16	.58		.04		.12	4.17
Brookville[1], 1.5 SW	Jefferson	.02								.15	52	.01	1.06					T.	1.02		.48					.90	.02		T.		.06	4.24
Buckstown[1, 5]	Somerset	.06								.20	.04		.63						.47		.47					1.37	.18					3.42
Clarion[2], 3 SW	Clarion	.09									.58	.16	.14	1.00					.98	.32	.18	.29					.87					4.61
Corry	Erie	.05								T.			1.62	.05	T.			.27	1.20		.02					.55	.20		T.		.05	4.01
Coudersport	Potter									.02	.63		.49	.45					.37	.55							.86		.01			§3.38
Coudersport, 7.5 E	Potter																														
Derry	Westmoreland	.04								.56	.24		1.09					.03	.77	T.	.16					.77	.35				.06	4.07
Donegal[1]	Westmoreland	.20								.36	.05		.86					.04	.66		.20					1.06	.06				.14	3.63
Dunlo[1, 5], 0.5 SW	Cambria	.02								.16	.07		.74						.63	.01	.51					1.08	.19				.04	3.45
Ebensburg[2]	Cambria	.16								.07	.84	.09		.62					.72	.06	.51	.06		.01			1.37	.02					4.53
Ford City[2], 4 S	Armstrong							T.			.98	.09	.06	.88				T.	.82	.34	.08	.09					.92				T.		4.26
Franklin[2]	Venango	.48									.41	.02	.34	1.02					1.04	.07	.20	.23					1.00				.07	.04	4.92
Glen Hazel[2], 1 NE	Elk	T.	T.								.89		.49	.53					1.16	.04	.07	.02					.93			.01		.06	4.20
Home[1, 5]	Indiana									.48	.20		.82		.04				1.23		.06					.68	.02				.08	3.61
Indiana	Indiana	.06								.41	.31		.87					.01	.98	T.	.24					.30	.52				.08	3.78
Johnstown[2], 0.5 W	Cambria	.07	T.							.02	.47		T	.58				T.	.55	.05	.54	.01					1.34					3.63

Continued on page 77.

Daily Precipitation for October 1946—Continued from page 76

Stations	Counties	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALLEGHENY (continued)																																	
Kane[1, 1 N	McKean	.01								.11	.24	.06	1.50		.03			.08	1.15		T.					.70	.02			T		.13	4.01
Kregar[1, 4.5 SE	W'moreland	.09								.24	.07		.82				.04	.03	.66		.54	.06				1.26	.02					.09	3.92
Lycippus, 1.5 E	W'moreland	.05								.36	.33		1.28	.07				.03	.75	.04	.20	T.				.30	.72					.08	4.16
Marienville[1, 5	Forest							.03	.17	.46	.06	1.33							1.22		.31					.81						.10	4.49
Meadville[2, 1 S	Crawford	.17							T.	.05		1.12	.78						1.76	.07	.09	.02					.69					.04	4.79
Mosgrove[2	Armstrong	.04								.43	.14	.35	1.80						.85	.25	.41	.36					.95				T.		5.08
Parkers Landing[2	Armstrong	.11								.67	.04	.30	.66						1.05	.30	.25	.37					1.09						4.84
Pittsburgh Cty Of[1, 5	Allegheny	.06							.40	.05	.03	1.21					T.	.03	.74		.02					.84						.09	3.47
Port Allegany[2	McKean									.22	.05	.02	.99						.52	.42							.73				T.	2.95
Punxsutawney[2	Jefferson	.08								.87	.09	.05	.69						.79	.52	.08	.34					.87						4.18
Putneyville[2, 2.5 SE	Armstrong	.03								.63	.06	.02	1.09						.81	.41	.05	.53					1.00				T.		4.63
Ridgway[2	Elk		T.							.78	.06	.02	.86		.06				.76	.42	.07	.17					.85						4.05
Saltsburg[2	Indiana	.01	T.						.01	.62	T.	T.	.73					.03	.84	.05	.07	.02					.94						3.32
Seward[2	W'moreland		.04							1.02	.14		.87					.12	.42		.24	.36					.98						4.19
Sheffield[1, 5, 6 W	Warren								.03	.09	.04	1.36							1.02							.89					.20	3.63
Smethport[1, 5, 1 SW	McKean								.05	.06	.04	1.25							.99							.68						3.07
Strongstown[1, 5	Indiana	.02							.58	.52		.80						.05	.91		.35					.80	.08				.06	4.17
Tionesta[2, 1.5 SE	Forest	.36								.45	.06	.18	.96		.01				1.04	.10	.16	.06					1.30					.06	4.73
Titusville, 2 S	Crawford	.46							T.	.06		1.37	.09		.01			.05	1.39	.01	.13					.80	.32			.02		.08	4.79
Union City[1, 5	Erie											.12	1.84					.69	1.00							.60						.13	4.38
Vandergrift[1	W'moreland	T.							.58	.27	T.	.94						.02	1.01						1.07	.02					.06	3.97
Warren[2	Warren									T.		.31	1.13						.83	.27							1.10					.05	3.69
Youngsville[1, 5	Warren										.04	1.23						.30	.95						.90						.05	3.47
MONONGAHELA																																	
Confluence[2, 1.5 NW	Somerset	.16	.03							.07	.17			.60				.07	.16	.52	.14	.13				T	1.09						3.14
Connellsville[2	Fayette	T.	.09							T	.19	T		.96				.05	.19	.33	.06	.04				T.	.99					.12	3.02
Donora[1	Washington	.07								.73	.03	T.	.88					.02	.67		.05					1.15	T.					.11	3.71
Greensboro[2	Greene	.01	T.							.07	.20			.90				.03	.20	.32	.02	.03					1.09						2.87
Greensburg, 2 S	W'moreland	.05								.59	.29		.90					.07	.83		.08					.67	.25					.09	3.82
Irwin	W'moreland	.15								.30	.27	T.	.96					.04	.77		.09					.31	.79					.03	3.71
Meyersdale[2	Somerset	.02								.07	.14			.52					.22	.30	.25	.41					1.23					T.	3.16
Murrysville[1, 5	W'moreland	.04								.46	.11		.76						.79		.06					1.08						.04	3.34
Pittsburgh Arpt.[1, 5	Allegheny	.07								.52	.06	.01	1.03				T.	.02	.69	T.	.03					.97	.01					.06	3.47
Rices Landing[2	Greene	.03		T.						.03	.33			.84				.06	.35	.24	.02						1.15						3.05
Somerset	Somerset	.06								.20	.04		.65					.04	.54	.03	.62	T				.07	1.24					.04	3.53
Springs[6, 1 SW	Somerset	.23								.13	.07	T.	.53					.01	.56	.08	.62	.07				.50	.88					.05	3.73
Uniontown	Fayette	.06								.07	.09		.92					.07	.45	.02	.06					.78	.30					.03	2.85
Wayuesburg	Greene									.25	.06		1.06						.53							.74	.35					.09	3.08
BEAVER																																	
Beaver Falls[2	Beaver	.11	T.							.42	.15	.55	.66						.94	.37	.12	.10					1.07						4.49
Butler	Butler	.05							T.	.46		.55	.22						1.10	.05		.05				T.	.50					.05	3.03
Farrell[2	Mercer	.17								.13	.04	1.25	.17						1.32	.05							.84					.02	3.99
Greenville	Mercer	.28							.01	.20	.06	2.07						.09	1.60	.02	.24					.60	.09			.01		.07	5.34
Jamestown[2, 2 NW	Mercer	.29	.01						T	.03	T.	1.27	.76					T.	1.52	.10	.15	.04					.56			.02		.06	4.81
Mercer Arpt.[1, 2.5 NE	Mercer	.02							.02	.43	.19	1.68						.22	1.06		.42				.89	T.			T.		.08	5.01
New Castle[1, 1.5 N	Lawrence	.04							.07	.39	.04	1.67						*	1.26		.29		T.	T.	.91	.02					.04	4.73
Pennline, 2, 1 S	Crawford	.09							T	.01		1.06	.79						1.68	.10	.14						.54			.04		.12	4.57
OHIO																																	
Claysville[2	Washington									.73		.59	.59						.61	.03	.08	T					.69						3.32
Coraopolis[2, 1 E	Allegheny	.06								.40	T	.45	.60					.02	.75	.20	.12						.72						3.30
Midland[2	Beaver	.07								.28	.08	.61	.73					.01	.93	.42	.11	.09					1.08						4.41
Washington[1, 5	Washington								.57	.04	.08	1.20						.02	.66		.09				.92					.02	.12	3.67
LAKE DRAINAGE																																	
Albion	Erie	.01								T.	.01		1.80	.85					1.05	.35							.51					.15	4.23
Erie[1, 5	Erie									T.		.27	2.31					.45	.67		T.				.63				T		.04	4.37
Raymond[1, 5	Potter																																

[See page 80 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2, 1 SW.	Evaporation	.150	.076	.111	.085	.086	.104	.110	.110	.068	.002	.032	.071	.017	.074	.066	.092	.088	.127	.040	.053	.006	.030	.052	.052	.097	.015	.068	.058	.040	.078	.088	2.146
	Wind movement	107	74	50	18	14	21	19	25	44	31	28	29	22	33	18	20	40	22	107	31	17	12	10	18	30	33	14	21	25	39	56	1028
Ford City[2, 4 S	Evaporation	.172	.134	.142	.072	.062	.116	.100	.088	.112	.026	.016	.082	.026	.080	.548	.078	.054	*.016*	.210	.064	.014	.024	.026	.054	.082	.064	.082	.054	.064	.066	.112	2.808
	Wind movement	93	127	50	1	18	11	8	12	49	24	44	33	41	29	12	19	30	36	93	22	39	9	12	11	35	16	20	0	24	28	65	1011
Hawley[2, 1 S.	Evaporation	.077	.105	.024	.091	.083	.101	.209	.098	.013	.053	.011	.003	.166	.092	*.029*	.084	.135	.090	.035	.093	.122	*.048*	.156	*.045*	.144	*.084*	.079	.044	.025	.176	.176	2.329
	Wind movement	166	162	64	35	23	20	16	14	44	31	14	41	115	66	16	32	144	88	149	61	12	20	28	23	49	48	72	30	169	30	214	1996
Jamestown[2, 2 NW	Evaporation	.123	.102	.096	.100	.080	.090	.092	.086	.096	.028	.034	.046	.008	.118	.044	.082	.110	.020	.052	.164	.038	.050	.042	.050	.108	.032	.086	.054	.080	.080	.169	2.360
	Wind movement	61	49	24	15	24	16	11	7	43	31	50	36	31	33	5	20	57	38	65	20	21	19	35	21	54	46	27	16	18	51	107	1051
Neffs Mills[2, 3.5 NE.	Evaporation	.181	.185	.174	.086	.058	.084	.096																									
	Wind movement		133	63	10	0	2	4																									

Italics mean minus quantity.

[See page 80 for explanation of other references.]

Daily Temperatures for October 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	55	65	63	76	82	83	82	76	65	74	74	67	60	62	59	72	72	69	68	72	64	67	73	73	69	72	72	76	74	77	77	70.6
	Minimum	42	45	37	37	42	45	40	47	46	48	48	43	43	36	37	42	46	37	36	36	35	36	36	46	43	51	36	42	57	58	51	42.7
Allentown Arpt.[1-4 NE.	Maximum	54	64	75	81	83	88	87	73	56	64	69	73	60	62	68	69	70	62	64	51	65	65	70	70	70	70	69	68	76	79	78	69.5
	Minimum	42	41	37	44	45	45	45	49	46	49	52	49	39	33	36	37	46	50	40	35	41	34	39	39	42	53	56	57	61	57	57	44.8
Allentown/	Maximum	55	66	75	80	82	87	86	74	57	66	70	74	68	64	68	69	71	64	65	51	68	65	71	74	72	70	69	69	78	80	79	70.4
	Minimum	43	44	38	45	48	47	45	48	48	48	50	51	43	35	37	37	43	50	46	40	43	35	36	37	42	51	53	57	61	59	58	45.8
Altoona-4.5 W.	Maximum	53	64	75	77	89	81	82	72	65	56	62	60	57	61	66	72	71	63	60	48	49	50	69	73	70	69	68	69	74	75	69	66.5
	Minimum	36	39	43	45	46	48	47	51	45	47	54	46	33	32	35	37	48	51	42	37	42	33	35	46	46	47	40	49	47	56	54	43.8
Arendtsville/	Maximum	58	68	78	79	80	83	84	75	53	58	65	67	62	61	67	67	72	65	66	47	59	62	69	73	75	68	68	68	77	79	80	68.8
	Minimum	42	42	44	45	48	49	55	59	48	48	52	56	36	35	37	37	44	51	45	39	44	35	35	42	40	46	45	53	54	55	53	45.6
Beavertown/	Maximum	58	66	76	78	76	76	84	73	53	60	63	65	60	66	67	69	68	64	64	50	57	60	68	74	59	69	71	70	74	78	76	67.3
	Minimum	42	44	40	40	41	50	41	44	50	49	50	40	41	30	32	35	38	50	43	35	43	32	34	38	42	51	45	48	57	52	51	42.8
Berwick	Maximum	53	66	75	81	82	84	83	78	70	63	66	72	61	64	67	69	69	64	64	62	61	62	61	73	70	71	69	72	77	79	74	69.7
	Minimum	42	41	35	44	47	47	45	46	51	50	52	58	37	32	36	37	41	54	40	38	43	36	36	38	51	54	46	57	60	56	55	45.4
Bethlehem[1]	Maximum	54	66	76	85	86	89	92	71	57	64	70	73	62	64	71	70	72	64	66	50	65	67	73	77	71	71	70	69	78	81	80	71.1
	Minimum	45	47	42	48	52	52	54	52	46	49	53	51	43	38	42	43	52	56	46	43	42	39	41	44	51	55	58	61	64	65	61	49.5
Blairsville[1-6 NE.	Maximum	49	60	69	78	79	79	82	76	68	69	72	69	52	63	67	66	67	62	55	46	54	63	70	74	66	63	72	74	69	72	63	66.0
	Minimum	31	32	47	51	52	55	56	55	41	46	52	35	31	35	41	44	51	44	38	41	39	38	46	52	48	47	47	54	54	57	48	45.5
Bradford-4 W.	Maximum	49	59	73	77	82	82	81	68	60	63	71	63	53	60	65	67	64	58	56	52	55	59	71	71	66	68	71	73	71	74	70	66.2
	Minimum	34	30	34	34	35	36	38	38	47	47	52	43	28	26	28	32	44	50	33	31	31	30	29	38	47	44	31	31	45	57	50	37.8
Brookville[1-1 5 SW.	Maximum	50	64	75	78	82	83	82	74	61	60	72	60	56	61	66	68	63	59	59	45	54	63	68	73	66	66	73	73	72	74	65	66.6
	Minimum	36	38	31	36	38	37	39	41	48	49	56	38	31	29	34	34	52	46	32	35	35	31	32	38	52	37	32	42	44	58	48	39.6
Burnt Cabins[1-2 NE.	Maximum	56	64	76	82	82	84	83	72	56	58	66	62	58	63	68	66	72	66	66	45	56	62	72	76	71	70	75	68	80	80	78	68.8
	Minimum	42	39	35	38	42	42	40	42	46	48	55	42	32	28	29	34	48	48	35	33	36	34	33	37	49	42	38	49	53	53	57	41.1
Butler	Maximum	65	64	78	82	83	89	88	89	76	62	76	75	60	65	70	71	72	69	62	62	62	61	73	76	75	78	77	78	77	78	79	73.3
	Minimum	35	37	34	36	38	38	38	41	53	50	53	51	30	33	31	36	50	53	41	40	39	32	34	44	57	35	36	40	42	59	54	41.5
Canton/-1 NW.	Maximum																														77	76	§§
	Minimum	36	36	42	47	48	49	49	47	47	46	46	52	35	33	37	44	47	46	35	33	37	34	38	40	50	48	42	42	51	56	62	§43.7
Carlisle	Maximum	58	67	78	77	80	84	82	75	67	60	68	68	61	63	68	72	67	63	65	50	61	62	66	72	71	70	76	76	77	82	80	69.5
	Minimum	44	41	47	47	47	56	57	52	52	52	55	52	42	34	37	37	47	52	46	37	45	35	38	42	45	49	48	54	56	54	55	§46.7
Chambersburg[6-1 SW.	Maximum	57	66	78	80	82	85	85	74	59	60	67	66	62	64	68	68	73	67	64	46	61	58	65	74	72	69	75	74	77	79	81	69.4
	Minimum	41	39	39	43	45	46	44	48	47	49	56	45	36	32	34	37	45	52	42	38	43	35	33	41	41	49	44	53	55	54	55	43.7
Clarion[6-3 SW	Maximum	53	65	79	82	86	87	85	75	69	61	75	65	48	63	69	71	65	63	60	53	54	63	73	74	63	69	74	74	74	77	69	69.1
	Minimum	34	33	33	38	41	40	41	42	49	48	52	44	29	30	35	35	48	48	36	34	41	31	33	41	48	44	33	38	42	49	51	40.0
Claysville/	Maximum	55	66	76	80	87	85	85	76	56	67	78	52	58	66	70	71	70	65	60	50	59	70	75	77	66	69	77	76	76	76	77	69.8
	Minimum	39	32	36	36	40	41	42	44	47	50	53	52	27	30	30	35	49	53	34	38	43	31	31	45	48	43	36	41	47	56	61	41.1
Coalport/	Maximum	53	65	75	79	82	86	86	76	50	61	69	61	58	64	66	70	67	65	66	47	54	62	71	74	76	68	79	75	75	75	75	68.4
	Minimum	37	37	31	34	36	42	37	37	42	47	47	57	29	26	28	30	31	51	40	31	39	32	31	32	37	36	32	34	46	45	54	37.7
Contesville/	Maximum	55	65	76	82	82	86	85	75	58	63	67	71	61	63	69	69	73	67	65	59	63	66	71	75	73	72	70	72	73	79	82	70.5
	Minimum	41	46	42	53	50	44	51	59	48	47	53	65	43	41	38	35	43	49	44	38	45	35	35	41	41	51	42	57	50	55	51	46.6
Columbia	Maximum	59	69	80	84	85	89	89	78	64	60	62	74	66	67	70	73	74	68	69	55	66	68	72	76	72	77	68	72	80	80	80	72.5
	Minimum	45	43	46	44	48	49	47	54	50	51	55	55	41	35	36	37	48	54	41	37	45	37	39	42	50	54	47	55	61	57	52	46.8
Corry	Maximum	50	62	76	81	85	86	85	71	60	67	76	69	56	59	69	76	61	64	61	52	59	65	72	74	68	67	73	71	74	75	70	68.5
	Minimum	35	42	31	34	34	32	36	38	49	49	52	41	28	27	30	31	46	45	35	32	29	28	32	32	52	38	29	35	44	60	56	37.8
Coudersport	Maximum	49	61	74	79	83	84	82	80	66	65	66	61	60	64	67	68	62	60	58	51	56	64	72	72	71	68	75	76	70	73	69	67.5
	Minimum	34	34	31	35	38	38	39	36	48	46	42	41	33	30	30	29	39	39	30	32	29	31	28	30	52	36	33	36	39	48	52	36.9
Curwensville[1-6 NW.	Maximum	46	60	70	74	77	80	79	68	55	54	66	58	58	58	63	65	63	59	55	44	50	57	69	72	66	64	68	66	69	71	63	63.3
	Minimum	32	35	37	44	50	49	53	53	44	44	51	34	29	32	38	39	46	42	36	37	37	31	38	47	48	43	44	47	50	56	45	42.4
Derry	Maximum	55	66	74	84	87	83	84	79	69	66	80	67	58	64	73	73	71	67	60	51	70	75	79	71	67	78	78	77	75	68	71.3
	Minimum	40	38	38	38	42	43	39	45	50	50	57	42	32	30	34	41	55	54	40	39	40	31	34	42	55	48	46	49	54	48	44.1
Donegal[1]	Maximum	49	59	70	79	81	81	83	75	56	64	75	60	53	63	69	67	68	64	55	47	55	64	68	74	68	63	74	73	73	72	65	66.7
	Minimum	34	31	32	32	36	42	34	42	46	46	48	34	26	24	32	36	49	44	37	36	30	29	29	40	46	38	32	44	46	52	48	38.1
Donora[1]	Maximum	54	68	78	85	84	84	88	81	65	70	81	65	60	68	71	73	73	69	63	54	60	69	77	78	72	70	73	77	78	78	69	72.0
	Minimum	42	40	44	43	44	44	46	51	52	52	55	40	34	35	36	45	58	53	46	48	40	40	41	51	55	52	42	46	50	61	53	46.6
Eagles Mere/	Maximum	51	63	68	74	75	78	78	68	68	61	64	70	51	58	62	61	64	54	56	50	55	55	65	68	61	65	68	62	71	74	69	64.1
	Minimum	34	34	37	44	56	58	60	50	46	42	45	42	30	32	34	43	43	48	35	35	38	38	38	43	51	47	47	52	56	56	56	44.2
East Waterford[6-3 E.	Maximum	49	59	70	75	77	80	82	71	55	53	58	60	53	59	65	64	60	56	49	54	59	68	72	64	62	69	69	74	75	68	64	64.0
	Minimum	35	40	49	59	60	62	61	55	48	45	51	43	35	42	45	47	50	50	40	39	39	41	46	55	50	48	52	55	58	61	55	48.6
Ebensburg/	Maximum	47	62	73	78	81	82	82	72	51	62	68	68	57	62	65	67	67	61	54	47	48	63	69	72	68	64	71	67	70	70	62	65.5
	Minimum	31	34	39	43	45	47	46	50	44	44	51	56	29	31	34	39	49	50	36	37	40	36	37	45	50	46	41	50	49	57	60	43.4
Emporium/-1 E.	Maximum	53	66	79	79	84	88	85	79	58	62	68	64	59	66	71	72	65	65	64	50	55	64	76	76	73	75	75	75	74	77	68	69.8
	Minimum	36	35	34	35	43	42	43	43	51	48	49	57	31	30	31	34	35	41	35	32	40	34	34	34	39	47	35	40	42	51	53	39.8
Ephrata	Maximum	56	65	76	81	82	86	86	78	58	62	63	70	60	64	64	70	72	63	64	52	64	67	68	76	71	70	69	69	79	81	80	69.8
	Minimum	44	46	39	45	48	49	48	52	49	50	54	52	41	35	37	38	49	55	46	39	41	35	36	46	51	54	50	58	62	57	53	46.9
Erie[1]	Maximum	53	63	70	77	81	80	77	61	64	68	79	57	55	60	67	73	59	64	58	57	61	66	70	76	66	70	68	76	75	79	70	67.7
	Minimum	43	50	53	54	58	59	57	51	52	52	57	42	43	43	46	52	48	48	45	43	40	43	52	56	52	46	48	57	63	65	47	50.5
Everett[1-0.5 SW.	Maximum	54	64	77	79	80	84	84	74	56	59	62	63	58	62	66	70	74	53	62	55	53	60	71	75	73	69	71	66	79	80	77	68.1
	Minimum	35	42	42	38	41	44	40	40	48	49	55	43	33	29	30	31	47	48	35	35	37	37	38	37	38	39	39	52	51	53	56	41.4
Farrell	Maximum	56	69	78	85	89	87	86	80	76	77	73	65	76	76	78	75	72	62	60	58	61	69	76	76	73	65	76	76	78	79	76	73.6
	Minimum	45	41	39	40	45	45	47	53	54	49	55	45	38	43	54	42	50	51	44	42	41	36	42	48	56	44	38	43	54	64	57	47.1
Ford City/-4 S	Maximum	55	66	77	82	85	85	85	75	55	65	77	59	59	65	69	71	69	64	61	48	57	67	73	75	68	70	76	77	77	76	68	69.5
	Minimum	38	39	35	38	41	42	41	43	49	49	49	55	41	40	32	34	39	52	39	37	41	31	32	36	43	49	35	36	42	44	55	40.5
Franklin/	Maximum	53	65	78	82	85	87	86	77	58	62	75	54	58	62	70	71	62	63	60	48	56	65	73	74	65	68	75	74	76	76	56	68.2
	Minimum	39	39	36	37	43	41	41	44	46	51	51	53	32	32	34	36	40	53	41	39	37	33	34	36	42	45	36	36	42	46	55	41.0
Fredericksville[1-1 S.	Maximum	53	63	73	80	79	83	84	72	59	68	67	72	67	61	66	67	69	62	62	55	55	64	69	73	69	66	68	67	76	79	79	68.6
	Minimum	40	37	34	44	47	46	48	50	46	46	52	62	34	36	38	43	45	50	44	36	36	34	34	41	40	53	48	54	59	55	58	44.7
Freeland	Maximum	62	62	71	78	80	83	82	73	58	59	59	64	59	60	64	64	65	59	64	59	58	62	65	72	60	65	65	62	72	74	70	66.1
	Minimum	34	37	43	52	53	56	56	52	42	45	49	58	37	35	40	45	49	49	34	37	38	48	44	53	45	48	50	57	57	59	54	47.0
George School[6]	Maximum	56	64	75	82	82	87	85	74	59	61	74	73	64	65	70	68	72	67	67	54	65	67	70	75	74	66	75	71	78	83	83	71.2
	Minimum	41	43	36	43	45	48	51	52	46	50	54	62	40	37	36	37	50	53	46	36	41	34	35	37	46	58	59	56	58	57	58	46.6
Gettysburg	Maximum	59	64	76	78	80	82	83	77	74	68	65	70	59	60	65	66	71	68	65	59	68	63	67	72	71	70	69	67	77	79	80	70.1
	Minimum	43	44	43	46	48	48	48	52	50	52	55	55	40	36	36	39	50	53	46	40	45	36	36	43	43	50	45	57	61	56	58	46.9
Gordon	Maximum	53	63	78	80	80	82	83	72	60	65	62	67	58	63	66	67	68	62	60	54	62	62	67	73	67	64	65	67	75	78	79	67.5
	Minimum	44	40	32	38	40	41	41	43	46	50	47	58	34	27	31	31	42	55	40	30	40	30	31	35	42	51	40	57	60	48	47	41.6
Greensburg-2 S	Maximum	54	65	74	81	83	82	84	79	65	67	81	66	58	67	72	71	72	66	59	52	59	69	74	76	71	65	72	75	78	78	65	70.3
	Minimum	40	37	31	34	36	37	36	40	50	50	45	44	28	27	29	33	45	50	37	38	35	31	31	36	42	45	32	37	38	47	53	38.5
Hanover/	Maximum	57	66	77	83	83	85	85	75	52	57	66	70	63	66	68	69	70	65	64	46	58	62	71	75	69	76	72	69	80	82	81	69.8
	Minimum	42	41	45	48	51	50	52	53	49	49	52	56	40	36	38	41	51	53	46	45	41	38	40	48	53	47	53	61	58	59	57	47.7
Harrisburg Arpt.[1-3.5 S.	Maximum	56	67	76	80	83	83	82	75	57	63	68	71	59	66	67	69	71	66	63	48	64	65	71	71	72	69	67	68	79	80	78	69.3
	Minimum	45	44	49	46	49	49	50	54	50	51	55	48	40	36	38	40	51	55	42	40	45	36	39	48	49	49	46	58	60	58	57	47.5
Hawley-0.5 E	Maximum	46	53	72	79	78	84	81	73	56	61	66	73	58	61	66	68	70	61	59	48	62	65	69	70	65	67	73	71	77	80	76	67.4
	Minimum	40	37	30	38	41	40	40	42	42	46	46	58	38	29	33	31	39	50	39	31	37	31	31	40	43	48	36	46	44	53	57	41.0
Hewitt-2 SW.	Maximum	68	85	78	79	81	80	80	83	79	70	72	69	60	60	70	70	71	75	80	78	70	70	71	75	78	77	78	77	80	78	81	74.9
	Minimum	39	40	30	49	50	57	55	55	49	50	52	49	51	40	38	40	50	53	55	51	40	40	36	36	50	50	48	50	55	56	55	47.4
Holtwood[1]	Maximum	57	66	73	77	77	77	77	75	58	59	63	72	61	64	66	68	74	68	63	51	61	68	65	73	72	70	69	70	78	81	80	68.6
	Minimum	50	49	47	52	55	54	55	57	51	54	57	50	43	43	43	45	58	55	46	45	46	43	45	46	52	53	54	59	62	58	56	50.8
Huntingdon	Maximum	57	66	77	77	81	82	83	78	64	61	66	65	59	64	68	73	72	68	64	61	54	59	68	75	74	68	74	69	78	80	72	69.4
	Minimum	41	43	36	45	48	47	47	48	49	50	51	55	33	32	34	35	45	51	45	36	41	40	40	42	43	48	42	47	55	54	48	44.2

Continued on page 79.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana 2.5 SE	Maximum	53	65	73	72	82	83	85	78	69	64	74	65	57	65	69	70	69	68	60	48	57	66	71	76	70	67	76	75	77	74	66	69.1
	Minimum	36	33	32	38	40	41	39	44	50	49	53	46	30	29	31	37	46	51	39	34	41	31	32	39	51	49	34	43	41	47	52	40.6
Irwin	Maximum	57	67	76	82	84	85	84	84	74	69	79	72	56	62	72	72	69	68	58	56	55	66	75	74	74	67	70	72	75	75	75	71.1
	Minimum	41	41	55	64	57	65	66	59	53	52	58	45	39	48	52	50	57	54	43	43	40	45	52	55	58	59	54	56	53	58	54	52.1
Jamestown 2 NW	Maximum	55	67	77	83	85	84	85	76	67	64	79	56	60	60	70	74	69	65	64	56	62	67	76	76	68	68	76	76	79	79	57	70.0
	Minimum	39	37	35	37	43	44	40	45	49	50	51	50	32	34	34	37	42	53	41	38	29	25	37	45	48	40	33	37	50	55	51	41.3
Johnstown	Maximum	54	65	77	84	88	86	87	79	56	68	73	64	57	66	71	74	74	68	62	50	55	70	76	79	71	70	78	73	75	79	70	70.8
	Minimum	38	42	38	42	44	45	43	48	52	50	55	61	34	32	34	37	42	53	44	40	46	39	36	41	47	51	39	42	48	51	64	44.2
Kane 1 N	Maximum	49	60	73	75	79	81	81	72	57	62	68	59	53	59	61	66	59	59	57	48	57	62	70	72	65	66	70	72	70	73	64	65.1
	Minimum	34	30	30	32	33	32	34	35	47	47	54	32	27	25	28	30	40	43	30	28	27	27	28	36	48	32	29	34	41	53	37	34.9
Lancaster	Maximum	58	65	75	75	78	80	79	74	63	60	62	72	73	69	66	69	72	65	64	57	63	65	68	72	71	72	69	70	80	82	81	70.0
	Minimum	40	42	36	40	45	45	43	46	47	48	53	57	37	33	35	38	45	56	46	34	39	30	37	40	42	53	45	54	51	51	47	44.0
Lawrenceville	Maximum	49	62	74	78	83	85	86	67	57	65	66	65	57	65	70	72	70	61	62	50	62	68	74	76	70	72	77	72	73	75	69	68.9
	Minimum	39	38	36	44	46	45	46	46	51	48	56	49	35	33	39	35	42	46	35	34	35	32	34	37	51	50	39	40	54	55	55	42.7
Lebanon	Maximum	56	67	76	83	85	87	87	77	57	65	66	72	60	65	70	70	72	65	65	50	65	66	70	76	70	72	67	70	79	81	81	70.7
	Minimum	44	44	40	45	47	47	47	49	50	49	52	55	40	34	36	38	43	51	47	40	45	36	38	39	42	53	45	48	60	57	54	45.6
Lewistown 2 SW	Maximum	53	69	80	77	83	88	85	75	53	59	65	66	66	66	71	72	72	68	67	47	58	63	68	74	74	72	75	68	79	81	78	70.1
	Minimum	43	41	41	43	46	47	48	49	49	50	49	56	38	35	35	39	40	54	49	41	43	40	40	40	43	48	44	44	55	55	54	44.1
Lock Haven 6	Maximum	56	68	80	80	80	87	87	73	65	61	66	66	63	66	70	72	68	66	65	55	57	69	65	67	74	70	71	71	76	79	72	69.7
	Minimum	40	41	38	45	47	48	45	50	49	51	51	51	35	35	38	37	43	52	38	35	42	38	40	41	43	52	42	47	52	56	57	44.4
Marcus Hook	Maximum	61	66	80	85	82	90	88	75	61	63	75	74	68	65	71	70	74	69	72	56	65	70	71	76	72	73	74	77	75	80	87	73.1
	Minimum	46	48	47	53	57	56	59	63	52	51	56	58	44	45	45	50	54	56	50	46	49	45	55	48	50	61	62	60	61	62	60	53.2
Martinsburg	Maximum	51	61	73	78	78	80	81	70	54	57	62	63	55	61	64	69	70	66	59	44	50	57	70	74	70	66	72	65	73	75	69	65.7
	Minimum	35	41	44	42	42	44	46	49	46	47	54	40	33	30	33	37	53	50	40	38	38	32	33	42	53	46	38	53	51	58	53	43.3
Mauch Chunk 1 SW	Maximum	53	59	69	72	75	80	78	70	64	67	62	66	65	59	61	62	67	67	58	55	58	59	64	68	62	62	64	64	72	75	74	65.4
	Minimum	41	40	38	40	44	44	42	48	47	49	49	61	39	30	31	32	42	47	42	31	31	33	34	34	35	45	44	56	59	50	51	42.9
Meadville 1 S	Maximum	54	64	78	82	84	85	85	74	59	62	75	51	59	59	70	71	58	60	62	52	59	65	72	73	65	66	75	74	76	76	55	67.7
	Minimum	39	40	33	34	38	39	39	43	51	50	52	51	29	30	32	36	44	53	39	37	30	32	33	40	46	43	32	38	44	57	53	40.5
Mercer 2.5 NE	Maximum	51	62	75	79	86	84	82	72	62	60	74	60	55	58	67	68	59	61	58	47	56	63	72	72	64	63	73	71	74	74	66	66.7
	Minimum	36	36	36	41	49	47	46	50	49	50	54	34	31	34	39	42	53	44	40	37	35	34	40	46	51	44	38	51	52	56	42	43.1
Middletown 1-1.5 W	Maximum	57	66	75	80	82	85	86	76	57	63	63	72	59	61	74	76	69	73	68	64	47	63	63	69	73	71	71	67	71	77	80	69.7
	Minimum	46	45	42	45	50	49	51	55	51	51	55	49	40	36	40	40	53	54	42	38	44	41	41	44	46	54	46	59	64	56	55	47.8
Midland 6	Maximum	54	65	75	80	82	83	82	76	65	65	79	63	56	62	67	72	70	62	58	50	58	65	73	75	68	61	67	72	77	76	69	68.7
	Minimum	40	39	41	43	43	46	45	49	50	51	54	38	33	35	39	40	44	49	39	33	34	37	39	41	48	40	48	51	57	57	52	44.3
Montrose 3 E	Maximum	42	52	68	57	80	80	79	70	53	66	64	66	51	59	63	64	63	55	55	48	57	60	66	70	61	65	68	66	71	74	67	63.2
	Minimum	36	32	37	45	54	52	52	49	44	45	46	54	38	35	39	40	44	49	39	33	34	37	39	41	48	40	48	51	57	57	51	44.3
Mt. Pocono 1-2 N	Maximum	46	55	68	76	78	82	82	69	50	58	59	65	53	60	64	62	66	55	55	46	56	61	68	71	61	64	68	64	74	75	72	63.9
	Minimum	35	35	36	42	45	50	55	45	41	45	47	42	35	32	34	38	46	45	35	30	35	36	40	44	41	45	50	56	58	58	49	42.7
New Bloomfield	Maximum	57	67	76	80	80	82	82	73	64	61	66	64	60	63	68	69	70	65	59	49	48	63	69	74	70	68	70	67	76	80	75	68.2
	Minimum	40	40	39	42	40	46	44	45	46	48	42	48	34	29	31	33	43	40	45	33	42	33	34	36	42	43	40	48	52	51	49	41.3
Newburg 3.5 NW	Maximum	48	58	68	74	76	76	78	66	56	56	56	54	50	55	60	60	63	58	56	36	55	50	58	64	62	62	66	62	68	72	71	60.9
	Minimum	36	40	36	40	42	42	44	46	42	44	48	40	34	30	30	33	42	43	32	32	31	30	30	38	36	40	38	52	56	48	51	39.4
New Castle 1.5 N	Maximum	55	66	77	82	86	87	87	77	62	63	75	63	59	62	68	72	64	64	60	48	60	66	74	75	67	67	75	71	78	78	68	69.6
	Minimum	35	38	35	36	39	39	40	43	52	51	54	38	32	32	32	38	54	48	43	38	38	34	37	45	52	39	34	38	46	63	48	41.6
Palmerton 1	Maximum	51	65	73	76	79	84	82	71	54	64	65	68	57	62	64	66	68	61	63	48	60	62	68	69	67	68	65	66	75	79	78	67.0
	Minimum	42	38	35	44	48	47	47	44	46	47	52	48	34	30	35	35	46	51	37	34	37	35	37	38	43	50	51	58	61	55	53	43.9
Park Place 1-1 NW	Maximum	48	59	69	76	78	79	80	70	50	63	59	63	53	60	63	68	56	57	44	56	60	67	71	61	65	63	62	72	74	74	70	63.8
	Minimum	35	39	44	57	59	58	57	47	42	45	49	41	34	37	44	44	47	46	38	37	37	39	44	52	45	48	52	57	57	60	51	46.5
Phila. Arpt. 1-7 SW	Maximum	57	66	74	81	79	86	84	74	60	61	74	74	62	63	67	69	74	70	65	55	63	67	69	74	73	67	74	75	75	81	82	70.8
	Minimum	44	47	41	48	52	50	54	55	51	53	57	50	44	40	41	42	52	56	46	42	46	40	40	41	43	60	61	58	59	60	60	49.5
Philadelphia C.O.	Maximum	55	65	77	83	86	87	85	73	59	62	72	72	64	66	68	69	72	69	66	55	63	68	69	74	73	68	74	74	74	81	82	70.9
	Minimum	46	49	51	56	58	59	62	55	51	53	56	53	47	45	48	51	54	58	53	47	48	48	50	50	51	62	61	59	63	62	61	53.8
Phila. Shawmont	Maximum	55	66	76	80	82	87	86	73	60	62	73	73	64	65	70	68	73	67	66	67	64	67	70	74	70	68	79	74	78	82	82	71.6
	Minimum	45	43	50	47	50	51	52	51	50	52	56	53	43	38	38	40	50	54	55	38	43	38	38	41	47	58	58	59	59	57	57	49.3
Philipsburg 1-7 E	Maximum	50	61	72	73	76	81	81	68	54	54	58	60	53	59	63	66	68	59	56	43	50	49	67	71	65	65	68	63	70	72	67	63.3
	Minimum	34	38	39	33	34	34	34	42	45	45	52	36	28	24	28	39	50	45	29	29	30	26	27	38	50	36	31	39	44	56	49	37.5
Phoenixville 1.5 SE	Maximum	57	67	76	81	83	88	86	73	63	64	72	74	61	64	70	70	75	65	68	53	69	69	73	78	75	74	74	73	81	85	83	72.4
	Minimum	42	41	35	41	46	43	46	48	51	56	65	40	32	32	35	52	51	48	32	42	32	47	36	33	43	42	55	57	53	51	44	44.0
Pittsburgh Arpt. 1-7.5 SE	Maximum	54	67	78	82	82	82	82	77	66	65	77	63	58	64	69	71	70	64	62	50	57	70	75	77	68	70	74	76	75	76	68	70.0
	Minimum	40	38	43	50	53	52	55	55	49	50	54	39	35	38	45	46	55	49	45	44	44	39	44	52	53	49	46	52	53	58	51	47.6
Pittsburgh City Office 1	Maximum	54	66	77	80	83	85	85	77	67	67	78	65	58	64	68	72	71	65	61	51	57	68	76	76	69	70	70	77	76	78	70	70.4
	Minimum	43	42	45	47	49	47	50	55	52	52	58	42	39	37	41	46	59	51	49	47	45	39	44	49	54	48	42	49	52	62	53	48.0
Port Clinton	Maximum	57	63	74	79	81	85	85	73	73	55	66	70	70	59	63	73	64	69	64	53	63	65	67	70	75	67	66	69	75	80	79	69.4
	Minimum	42	42	35	41	47	47	43	45	48	48	49	51	49	53	53	48	49	51	50	35	39	34	35	37	43	50	47	54	61	51	51	46.1
Putneyville 2.5 SE	Maximum	53	69	75	79	82	82	78	80	76	71	75	70	72	64	57	69	63	67	66	64	58	54	58	63	71	74	67	66	74	74	75	69.1
	Minimum	32	34	36	37	40	40	39	41	38	43	49	47	52	44	27	36	27	33	50	49	37	34	40	29	33	49	47	47	32	44	44	39.4
Quakertown 0.5 E	Maximum	54	62	70	77	78	81	81	72	59	64	70	72	69	60	65	66	68	63	63	56	60	63	66	72	69	67	69	68	75	78	78	68.2
	Minimum	42	38	33	60	41	40	41	43	45	48	50	62	40	33	33	34	47	48	45	33	42	31	31	36	39	54	54	57	60	55	57	44.3
Reading 1	Maximum	56	66	77	82	83	88	86	75	57	64	65	72	62	64	69	69	72	66	66	51	64	66	71	74	73	71	69	69	78	82	81	70.6
	Minimum	44	46	44	48	50	50	51	55	50	52	55	50	42	38	41	42	54	56	46	41	44	39	39	45	51	53	54	58	63	60	61	49.1
Ridgway	Maximum	53	66	78	81	85	85	87	76	66	60	73	61	58	64	71	69	63	62	62	47	56	66	72	78	68	72	77	75	72	76	66	69.2
	Minimum	33	30	30	31	32	38	37	38	40	45	47	54	27	26	27	30	32	44	31	31	35	29	31	29	37	45	30	30	38	41	52	35.5
Scranton 1	Maximum	49	55	71	79	82	85	83	75	56	63	69	72	56	62	67	68	68	60	59	50	62	63	70	74	67	67	73	71	76	78	73	67.8
	Minimum	40	39	36	45	47	47	48	52	48	50	55	48	39	33	39	39	45	50	44	35	42	35	35	42	48	49	47	57	63	64	54	45.6
Selinsgrove	Maximum	55	68	77	80	82	85	84	75	68	62	64	69	62	65	66	59	68	64	65	58	60	62	60	74	72	70	70	67	77	79	76	69.1
	Minimum	42	42	36	42	44	45	44	45	48	49	49	49	34	32	35	36	46	52	39	35	35	35	35	38	44	49	40	49	54	52	50	42.7
Somerset	Maximum	49	59	73	78	80	84	84	73	65	58	70	62	55	61	66	68	69	64	58	48	51	68	72	75	68	68	71	70	69	73	66	66.9
	Minimum	34	36	30	31	33	33	32	38	47	45	49	42	27	24	29	40	46	38	31	42	32	32	28	33	49	45	31	39	36	50	53	37.0
Springs 6-1 SW	Maximum	47	58	71	76	76	79	80	70	60	56	68	63	53	58	62	65	65	64	55	44	50	64	68	71	68	65	69	65	68	71	63	64.3
	Minimum	31	34	31	37	40	39	38	42	44	46	48	37	27	27	29	31	43	44	36	35	39	35	32	41	41	41	34	43	41	48	53	38.3
State College 1	Maximum	51	64	79	76	81	82	82	71	51	57	63	65	57	62	66	68	69	62	60	46	53	54	64	74	68	66	71	61	73	74	70	65.8
	Minimum	38	42	47	45	45	44	48	51	48	48	55	41	35	33	38	41	54	49	41	39	43	33	35	43	53	49	40	51	55	61	55	45.2
Stroudsburg 2 E	Maximum	54	63	77	82	85	89	86	83	68	67	69	75	70	60	70	72	68	63	65	62	66	67	68	73	69	70	71	72	78	83	79	71.7
	Minimum	42	42	32	42	47	45	43	45	45	48	49	63	38	32	37	34	49	42	40	33	39	33	35	36	38	55	50	55	61	55	56	43.7
Tamaqua 2 S	Maximum	41	60	72	75	78	81	81	70	48	55	58	58	55	62	67	69	61	55	57	42	48	58	70	73	67	65	69	62	68	74	74	63.7
	Minimum	33	33	37	43	55	55	57	47	46	44	47	51	33	34	40	43	44	49	36	36	37	36	39	42	50	46	47	50	52	54	59	44.4
Tionesta 1-1.5 SE	Maximum	51	62	76	80	83	85	85	76	59	61	73	59	53	60	68	69	60	61	59	47	53	62	72	72	65	67	75	73	75	75	58	66.3
	Minimum	33	37	35	37	42	40	41	41	49	48	50	57	31	31	34	35	36	50	37	37	36	32	32	34	41	46	34	35	45	50	40	39.5
Titusville 2 S	Maximum	51	61	74	77	84	84	83	71	64	59	76	62	55	57	66	67	64	59	58	54	54	62	72	72	73	64	74	74	75	78	68	67.3
	Minimum	33	37	34	36	39	39	40	42	49	48	54	43	29	28	32	40	52	46	37	37	37	30	27	37	46	44	41	42	44	51	58	50	40.5
Towanda 1 E	Maximum	50	62	76	81	79	86	84	72	61	65	67	69	59	64	70	71	67	63	63	49	61	66	67	74	71	72	73	71	78	80	71	69.1
	Minimum	38	37	32	42	45	43	46	46	48	47	50	48	34	32	36	34	45	46	37	39	41	33	33	36	46	47	39	41	54	57	55	42.0
Tunkhannock	Maximum	55	65	72	79	84	87	84	74	53	65	67	70	56	62	68	68	69	60	61	50	61	64	67	70	66	69	75	71	78	80	75	68.5
	Minimum	37	41	40	45	45	45	47	47	44	50	51	57	38	31	36	34	43	51	41	33	35	34	34	35	42	52	39	44	57	61	59	42.8
Uniontown	Maximum	55	67	76	76	85	84	85	79	70	70	82	69	60	71	74	74	71	69	61	56	62	70	74	79	73	65	75	79	77	78	69	72.1
	Minimum	42	38	38	41	45	47	42	47	51	51	53	45	32	32	47	40	55	55	47	43	44	36	37	46	56	51	38	48	48	58	57	45.5

Continued on page 80.

Daily Temperatures for October 1946—Continued from page 79.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum..	62	70	79	85	89	85	81	71	67	65	74	62	59	69	73	73	73	65	62	49	58	71	75	78	70	70	79	80	79	78	70	71.6
	Minimum.	42	40	36	41	42	44	43	47	51	51	54	42	33	32	43	39	54	53	41	40	38	34	35	43	55	44	44	43	46	56	55	43.9
Warren	Maximum..	53	65	78	84	83	86	87	78	61	68	78	69	59	65	72	72	62	61	60	61	57	69	75	76	68	75	75	78	77	79	72	71.2
	Minimum..	38	38	35	40	40	41	41	42	50	50	53	39	34	30	35	34	46	45	38	35	35	33	31	40	52	48	34	40	44	56	52	41.0
Waynesburg	Maximum..	55	66	79	84	88	87	88	76	69	69	80	71	59	68	73	72	70	67	62	54	60	71	76	78	69	69	79	78	77	77	71	72.3
	Minimum..	39	35	34	36	40	38	40	43	50	49	50	40	28	28	30	35	54	55	44	42	44	31	35	42	53	45	34	39	42	53	53	41.3
Wellsboro/	Maximum..	48	61	75	82	85	85	85	71	55	68	62	63	58	64	71	70	67	61	62	49	54	67	74	75	67	71	77	67	71	76	66	68.0
	Minimum..	38	37	35	36	42	41	41	42	48	48	49	54	33	29	32	32	33	42	33	31	35	31	32	36	36	47	36	38	47	56	58	39.6
Wellsville	Maximum..	57	66	75	80	80	83	84	74	66	60	65	71	60	64	67	63	72	66	65	52	62	61	70	74	70	68	68	69	78	73	80	69.2
	Minimum..	43	34	37	41	43	43	42	43	50	50	55	55	37	30	32	35	43	48	46	34	44	33	35	38	38	52	40	51	57	51	50	42.9
West Chester	Maximum..	56	65	75	80	81	85	85	74	59	61	69	72	62	63	68	70	75	66	65	51	64	68	71	76	73	68	73	72	78	83	83	70.7
	Minimum..	43	44	41	49	53	54	55	59	47	50	55	49	41	41	40	42	50	51	47	42	43	39	41	45	46	55	56	60	60	57	56	48.7
Wilkes-Barre[1] Apt. -3N.	Maximum..	52	62	74	80	82	87	85	76	61	63	69	71	59	64	68	69	71	61	62	52	62	65	67	74	67	69	74	69	78	79	74	69.2
	Minimum..	42	37	34	45	46	48	48	49	49	49	53	49	37	35	38	37	42	51	40	36	40	37	36	39	45	46	45	56	62	56	53	44.5
Williamsport Arpt.[1]-4 E	Maximum..	51	66	77	77	82	85	83	74	64	65	63	65	59	64	67	69	68	61	63	52	58	58	57	70	67	70	71	67	76	78	72	67.7
	Minimum..	41	45	38	47	48	48	47	49	51	51	52	44	37	35	38	37	43	50	40	36	39	38	40	40	52	47	43	50	55	53	53	§69.4
Williamstown	Maximum..	54	66	71	82	82	85	85	75	64	64	63	64	59	66	68	69	71	65	64	54	66	69	66	77	70	70	68	66	73	79	75	§42.9
	Minimum..	41	45	36	41	41	42	41	48	48	49	49	54	35	29	32	34	45	53	46	33	43	34	34	38	46	52	42	40	60	50	50	42.9
Woodward Apt[1]-2 NE	Maximum..	46	60	69	73	77	79	81	70	51	56	58	59	53	58	62	65	64	59	56	44	53	57	64	73	65	63	67	66	72	78	68	63.1
	Minimum..	34	37	44	55	56	59	62	50	44	44	50	46	34	35	43	46	50	44	37	38	39	39	43	53	49	47	49	53	55	59	47	46.2
York-3 SW	Maximum..	59	68	79	84	86	89	90	80	66	61	66	74	64	67	72	72	75	70	67	58	66	68	75	79	75	73	70	74	81	81	82	73.3
	Minimum..	42	37	38	42	44	44	43	47	50	51	55	60	36	32	33	46	49	55	45	36	45	34	34	39	46	54	43	55	61	54	52	44.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.43	27	29.33	18	8.0	26	sw.	18	82	63	79	58	211
Harrisburg	30.50	28	29.52	18	6.6	31	nw.	12	87	58	74	66	222
Philadelphia	30.39	28	29.44	18	7.5	21	s.	12	88	55	75	68	125
Philipsburg	30.52	28	29.46	18	.....	38	w.	18	90	61	86	.....	449
Pittsburgh	30.45	28	29.47	18	8.4	34	w.	18	84	51	59	54	207
Reading	30.53	28	29.52	18	8.5	33	nw.	1	82	.....	.....	63	185
Scranton	30.51	28	29.47	18	5.4	28	nw.	31	86	60†	.....	59	266

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. ^ One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest Stage	Date	Lowest Stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.6	2.9	2	2.1	7	18
Easton	Delaware	1.9	2.4	1†	1.3	8	22
Lehighton	Lehigh	3.2	4.1	27	2.6	9	9
Reading	Schuylkill	4.0	6.1	27	3.1	25	13
Wilkes-Barre	N. Br. Susquehanna	4.2	6.9	28	2.3	12	22
Williamsport	W. Br. Susquehanna	2.9	6.4	28	0.7	9	20
Newport	Juniata	4.4	7.5	27	3.3	9	22
Harrisburg	Susquehanna	4.0	5.1	29	3.4	12	17
Schenley, (nr) Lock No. 5	Allegheny	12.2	13.8	27	11.5	1†	24
Sutersville	Youghiogheny	3.0	5.2	27	2.5	1	20
Charleroi(nr.), Lock No. 4	Monongahela	10.8	12.2	28	10.5	7†	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS
(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																									1	5	2				
Fog, heavy	5	14	18	18	13	9	4	3	9	9	5	12	10	6	..	6	..	11	11	27	20	15	5	9	17	21	12	....			
Frost, killing													13	6							1	1									
Glaze																															
Hail																		1													
Rain, heavy												1																			
Sleet	1																														
Snow, heavy																															
Thunderstorms																		4													
Winds, high	24	11						3				12						21	3					13	4					10	7

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
a, b, c, etc. Number of days missing, for example, b indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

(W. B. O., Philadelphia—12-9-46—975)

551.05
W P

JAN 13 1947
UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER
HARRISBURG, PA.

VOL. LI. NOVEMBER 1946. No. 11.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

The warm trend of the past two months continued throughout November, with about the same excess of temperature as in October. However, rainfall conditions were quite unlike those in October, rainfall during the latter month having been above normal, while November turned out to be dry. The combination of warmth and dryness was pleasant, at the same time being of large benefit to householders and industry in holding down fuel consumption during the recent strike-induced coal shortage.

Not since 1934 had it been so warm. Only six previous Novembers of record showed higher mean temperatures. The month began with about twelve days of unseasonably warm weather, followed by about a week of near normal temperatures, and ended in more warm weather. Some stations had above normal temperatures on almost every day, but no section of the State could be singled out as having a greater excess of temperature than another. Record or near record maxima occurred on some days at the beginning of the month.

In only five previous years of record was there less precipitation in November, and all but one station showed rainfall deficiency. For the State as a whole, precipitation was but 44% of the normal. This resulted in a deficiency of rainfall of 1.68 inches since January 1. Rainfall was extremely light in the southeast portion, increasing with latitude northwestward, and was greatest in the extreme northwest portion. The heaviest falls were due to extensive cold fronts which passed over the State at regular intervals and lifted warm and moist tropical maritime air, bringing rain, not only to Pennsylvania, but to large sections of the Northeast as well. Snowfall occurred on the 23d, with traces over most of the State, except in the northwest portion, where amounts of 0.5 inch to 1.5 inches fell in a few places. The normal snowfall for the month is 2.7 inches.

Heavy fog was most in evidence on the 21st, while high winds were general with the passage of a cold front on the 22d. Except for the northwest portion, sunshine was generally above normal.

This month ended one of the longest growing seasons in the memory of some of the oldest crop reporters. The growing season was extended considerably beyond expectations. September had been seasonal, and October warm with adequate rainfall. The November weather extended the harvest period of fall crops. The very fine weather during the latter month enabled growers to finish harvest without any loss of matured crops. There was some loss of root crops because of the high temperatures.

Altogether, the autumn was the warmest and driest since 1941. Only a trace of snow fell during September, October, and November. The year 1918 was the only one in which so little snow fell during those months.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 75 stations was 44.7°, which is 3.3° above the 59-year normal for November. The highest monthly mean was 53.0° at Marcus Hook, and the lowest was 38.2° at Newburg. Extremes ranged from a maximum of 83° at Uniontown on the 3d, to a minimum of 11° at Kane on the 15th.

ERRATA.—October, 1946, page 80, mean minimum temperature at Williamsport Airport should be 44.7°. Mean maximum and minimum temperatures at Williamstown should be §69.4° and §42.9°, respectively.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 212 stations, was 1.26 inches, which is 1.61 inches below the 59-year normal for November. The greatest monthly amount was 3.57 inches at Corry, while the least was 0.47 inch at Carlisle. The greatest amount recorded in any 24 consecutive hours was 1.25 inches at Corry on the 26th.

The average snowfall for the State was a trace, which is 2.7 inches below the 59-year normal. The greatest monthly snowfall was 1.5 inches at Bradford The greatest fall for any observational day was 1.5 inches at Bradford on the 23d.

OBITUARY

We regret to learn of the death on November 15, 1946, of Mr. [illegible] Jenckes, cooperative observer at Ansonia, Pennsylvania. His services began in October, 1908, and continued until the time of his death.

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		No. of days.		
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more pre.	Clear	Partly cloudy	Cloudy
1888	42.2	79	4	3.37	2.1	11	9	7	14
1889	41.8	73	10	6.72	0.7	15	5	8	17
1890	41.8	78	10	1.49	0.5	8	9	10	11
1891	39.7	76	6	2.65	1.2	9	9	8	13
1892	39.0	80	10	4.34	8.6	12	6	8	16
1893	39.2	68	−4	2.33	2.4	8	8	11	11
1894	38.2	74	6	2.50	5.3	9	10	9	11
1895	42.9	78	6	2.48	0.5	10	10	8	12
1896	46.0	83	12	3.55	1.1	10	8	9	13
1897	41.6	76	2	5.28	2.6	14	6	8	16
1898	40.0	73	8	4.03	6.9	11	8	9	13
1899	41.5	72	7	2.66	1.2	7	10	8	12
1900	43.5	79	7	4.10	3.1	12	6	9	15
1901	36.0	76	9	2.56	3.1	8	7	8	15
1902	47.3	78	9	1.53	1.5	8	10	8	12
1903	36.9	78	2	2.18	1.4	7	11	8	11
1904	38.8	79	−4	1.14	3.5	6	10	9	11
1905	39.1	68	5	2.47	0.9	9	11	8	11
1906	41.5	80	9	1.48	4.0	8	12	6	12
1907	39.8	70	4	3.60	2.9	10	13	8	9
1908	41.2	75	−2	0.90	5.0	5	12	8	10
1909	46.4	80	15	1.40	1.9	7	12	8	10
1910	36.8	68	9	2.45	8.5	11	4	7	19
1911	37.8	77	7	2.84	3.7	10	7	7	16
1912	43.0	81	7	2.17	1.9	7	10	8	12
1913	43.9	79	10	3.05	4.5	11	10	5	15
1914	40.6	81	−2	1.76	1.5	6	12	9	9
1915	42.1	79	13	2.18	1.3	10	10	9	11
1916	41.3	79	4	2.27	1.6	9	13	6	11
1917	37.6	69	−5	0.63	1.4	5	14	7	9
1918	42.1	76	11	2.03	T.	7	12	6	12
1919	41.2	76	11	5.35	2.3	12	11	7	12
1920	40.3	75	5	3.54	4.5	11	7	7	16
1921	42.3	80	3	5.75	1.4	16	5	7	18
1922	42.9	78	12	1.21	1.8	9	10	7	13
1923	40.7	70	10	2.83	0.3	10	12	5	13
1924	40.7	78	−9	1.54	2.9	7	12	8	10
1925	39.5	71	4	3.56	2.2	10	11	7	12
1926	40.4	79	−1	4.49	0.9	10	9	7	14
1927	46.2	85	10	4.95	1.8	14	7	7	16
1928	43.4	81	4	2.32	2.3	12	7	8	15
1929	41.1	81	−10	5.39	1.9	12	8	8	14
1930	42.0	75	15	1.48	2.3	9	10	7	13
1931	49.2	80	12	1.52	2.9	9	10	8	12
1932	39.4	75	−2	4.75	0.3	10	12	7	11
1933	38.1	83	−11	1.55	7.0	11	8	7	15
1934	44.9	80	6	3.61	1.8	12	9	7	14
1935	44.4	85	5	3.84	2.5	12	7	6	17
1936	38.6	78	2	2.40	3.4	8	9	8	13
1937	40.7	79	−8	2.56	2.0	11	11	7	12
1938	42.7	87	−13	3.10	10.9	10	13	7	10
1939	39.7	76	11	0.97	1.6	5	15	6	9
1940	41.3	78	9	4.04	5.8	13	6	6	18
1941	44.1	83	9	2.48	0.2	7	11	7	12
1942	41.8	82	0	3.35	1.8	14	9	8	13
1943	38.7	79	7	2.87	2.2	9	9	8	13
1944	41.6	78	7	2.81	3.2	10	6	7	17
1945	42.0	85	5	5.25	2.4	16	7	7	16
1946	44.7	83	11	1.26	T.	9	10	8	12
Period	41.4	87	−15	2.87	2.7	10	9	8	13

Climatological Data for November 1946

Station	County	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observer
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	45.6	+3.6	72	4	22	24	1.00	-1.85	0.25	22	0	6	9	6	15	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	60	44 0	+3.5	66	3	21	23†	1.05	-1.36	0.23	7-8	0	7	18	8	4	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	4	43.2	.....	73	3†	15	19	0.92	.....	0.33	26	0	5	15	2	13	w.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	6	42.0	.....	76	1	20	24	0 92	.....	0.35	26	T.	7	10	6	14	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	77	47.4	+5 8	75	4	20	24	0.47	-2.63	0.23	26-27	0	8	18	7	5	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	50	45.1	+2.6	71	3†	20	24	0.89	-1.90	0.26	7†	0	6	15	8	7	s.	Charles A. Bender.
Coatesville	Chester	431	58	46.7	+3.7	73	4	18	16	1.07	-2.17	0 58	17	0	6	16	6	8	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,415	3	39.6	.....	66	2†	15	23	1.80	.....	0.76	26	T.	14	7	3	20	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	40.0	.....	62	4	19	24	1.67	-2.58	1.03	26	T.	5	6	12	12	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	43 3	.....	65	3	20	23	1.05	-2.00	0.34	26	0	9	9	8	13	nw.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	59	43.2	+3.9	75	2	15	19	1.41	-1 53	0.49	26	T	17	3	9	18	se.	R. E. Palmateer.
Ephrata	Lancaster	365	48	48 2	+4.7	73	4	24	24	0.99§	-1.65	0.25	22	T	8	12	12	6	s.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	43.4	+2.7	68	4	17	19	0.79	-1.32	0.24	7	0	10	14	5	11	n.	Penna. Turnpike Comm
Freeland	Luzerne	1,970	52	43.2	+5.7	65	3	19	24	1.11	-2.66	0.34	27	T.	7	5	4	21	w.	Andrew B. Evansha.
George School	Bucks	184	39	48.0	+4.0	73	4	19	16	1.27	-1.79	0.65	22	0	6	16	9	5	nw.	George M. Hart.
Gettysburg	Adams	500	72	48.0	+5.4	73	4	22	24	0.57	-1.27	0 20	26	0	5	19	3	8	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	43.3	+3.2	70	3†	17	19†	1.03	-2.37	0.41	7-8	0	6	11	6	13	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	48 4	+3.4	77	4	25	23†	0.92	-1.47	0.27	17	0	6	11	10	9	se.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	47.2	+4.4	73	4	23	24	0.68	-1 58	0.26	26	0	6	9	5	16	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	35	43.6	+4.3	68	4	15	19	0.66	-2.33	0.31	27	T	5	11	13	6	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	48.8	+3.5	72	4	27	24	0.86	-1 60	0 40	17	0	7	15	6	9	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	58	45.2	+3.5	69	4	19	24	1.15	-1.31	0.44	26	0	7	10	5	15	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	58	46.4	+3.2	74	4	20	24	1.03	-1.62	0.33	17	0	9	18	9	3	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	44.1	+4.9	75	3	20	19	0.63§	-1.64	0.24	26	T.	8	9	8	13	.....	Carlos P. Darling.
Lebanon	Lebanon	469	61	46.1	+3.4	73	4	23	24	0.96	-1.99	0.38	26	0	8	17	6	7	sw.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	7	45.5	.....	73	3	21	20	0.95	.....	0.32	17	0	5	5	14	11	w.	American Viscose Co.
Lock Haven	Clinton	557	54	44.6	+2.7	74	3	20	19	0.89	-1.65	0.28	26	0	8	12	7	11	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	53.0	+4.8	78	4	33	24	1 53	-1.46	0.55	22	0	8	8	11	11	nw.	Sun Oil Co.
Martinsburg	Blair	1,193	3	43.5	.....	67	3	21	23	0 74	.....	0.25	26	0	6	8	4	18	w.	U. S Weather Bureau
Montrose-3 E	Susquehanna	1,175	40	41.0	+5.5	68	3	20	24†	1.59	-1 18	0.60	26	T.	17	8	3	19	s.	Harry S. Fancher.
Mt. Pocono Arpt -2 N.	Monroe	1,914	4	40.8	+4.5	66	3	16	24	1.07	-2.27	0.38	7-8	T.	6	5	8	17	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	44.4	+2.7	70	4	20	19	0.66	-2.40	0 18	7 8	0	6	8	7	15	w.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	75	51.6	+5 9	74	4	32	23	1.87	-0.83	1.11	22	0	7	10	7	13	nw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	40.1	.....	66	3	15	24	0.83	.....	0.22	17	T.	9	6	7	17	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	47 6	+3.7	73	4	19	16	1 05	-2.14	0.44	17	0	6	15	14	1	nw.	Phila.-Suburban Water Co.
Port Clinton	Schuylkill	407	7	44.4	+2.6	73	4	19	19	1.02	-1 79	0 32	7 8	0	6	18	3	9	....	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	46.4	+5 0	69	3†	19	16	1.14	-2.11	0 28	17	0	8	13	7	10	nw.	John E. Benner.
Reading	Berks	273	75	48.7	+4.8	73	4	27	16	1.12	-1.61	0.30	26	0	6	9	5	16	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	45 6	+5.1	72	3	25	16	0.83	-1.94	0.40	26	T.	6	7	16	13	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	44.4	+2.6	75	3	17	19	1.09	-1.75	0.43	26-27	0	6	13	8	9	sw.	Dr. Merla V. Hoover
State College	Centre	1,217	60	44.2	+4.1	69	3	23	19†	0.89	-1.61	0.37	26	T	6	10	6	14	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	26	46.4	+5.3	72	4	18	16	0.77	-2.97	0.27	14	0	7	8	8	14	w.	Metropolitan Edison Co.
Tamarack-3 S	Clinton	2,250	5	40.6	.....	66	3	19	24	0.95	.....	0.40	26	T.	8	8	9	13	w.	James E. Swartz.
Towanda-1 E	Bradford	754	51	44.4	+4.5	75	3	21	16†	0.67	-1.58	0.25	7-8	T.	10	9	8	13	w.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	41 8	+4.2	73	3	19	16†	0.55	-2.05	0.26	26	T.	8	6	11	13	w.	M. S. Bliss.
West Chester	Chester	440	96	48.6	+5 3	73	4	25	24	0.94	-2.60	0 46	17	0	8	13	6	11	nw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	7	45.0	.....	73	3	21	19†	1.06	.....	0.51	26	T	6	6	4	20	s.	U.S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	1	43.9	.....	71	3	20	19	0 89	.....	0.38	26	T.	6	6	7	17	sw.	U. S. Weather Bureau.
Willow Grove	Dauphin	775	29	46 0	+3.8	71	3	17	19	1.04	-2 62	0.42	7	0	5	6	22	2	.....	Gordon E. Lower.
York-3 SW	York	390	57	48.2	+4.8	76	4	21	24	0.91	-1.70	0.24	16-17	0	8	13	11	6	se.	York Water Co.
Division mean				**45.1**	.....	**80**	**3†**	**13**	**19†**	**1.00**	.....	**1.11**	**22**	**T.**	**7**	**10**	**8**	**12**	w.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	43.4	.....	75	2	15	23	2.04	−0.94	0.63	26	1	9	8	7	15	w.	U. S. Weather Bureau.
Bradford-4 W.	McKean	1,680	28	42.2	+3.2	73	2	16	18	3.12	−0.38	0.60	26	1.5	16	6	6	18	nw.	City Water Dept.
Brookville Apt.-1.5SW.	Jefferson	1,400	55	42.0	+4.3	75	2	18	23	1.58	−1.48	0.58	26	T.	13	8	7	15	e.	Civil Aeronautics Authority
Butler	Butler	1,077	32	45.1	+3.9	80	3	19	18	1.81	−1.43	0.41	26	0	12	14	3	13	se.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	43.0	.....	76	2	17	18	1.76	−1.14	0.53	26	T.	10	7	5	18	w.	Penna. Electric Co.
Claysville	Washington	1,170	42	44.7	+2.6	79	3	19	23†	1 54	−0.94	0.60	26	0	9	14	5	11	sw.	Walter B. Paget.
Corry	Erie	1,410	31	42.7	+4.0	75	3	18	18	3.57	−0.37	1.25	26	1.0	13	8	6	16	nw.	J. Fred Kinley.
Coudersport	Potter	1,653	21	40.8§	+3.8	72	4	16	18	1.87	−1.01	0.97	26-27	1.5	10	9	8	13	se.	Potter Enterprise.
Derry	Westmoreland	1,150	48	47.1	+4.8	79	3	18	18	2.08	−0.74	0.57	26	0	8	13	5	12	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	41.4	.....	74	3	16	23	2.23	.....	0 60	26	0	11	9	15	6	w.	Penna. Turnpike Comm.
Donora	Washington	761	19	48.6	+3.3	81	3	24	23	0.91	−1.52	0.21	26	0	9	11	5	14	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	42.6	+4.0	69	2†	19	23	1.26	−1.79	0.34	16-17	0	8	4	5	21	sw.	John L. McGough.
Farrell	Mercer	855	32	46 2	+4.6	78	3	24	18	1.75	−0 63	0.36	16†	0	8	10	12	8	se.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	2	43.4	.....	78	3	19	18†	1.87	.....	0.88	26	0	8	11	6	13	w.	U.S. Engineers.
Franklin	Venango	987	71	43.4	+3.7	76	2	20	18†	1.96	−1.15	0.52	16	T.	12	15	6	9	s.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	45.0§	+2.2	78	3	16	18	1 12	−1.47	0.31	26	0	10	11	8	11	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	44	44.4	+3.1	78	2	16	18	1.59	−1.34	0.44	26 27	0	9	13	8	9	e.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	4	43.4	.....	78	3	18	18	2.32	−0.29	0.59	25 26	...	11	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	46.4	+4.4	75	2	23	19†	1.22	−1.75	0.34	17	0	8	9	5	16	s.	Johnstown Tribune Pub. Co.
Kane-1 N.	McKean	1,750	30	39 3	.....	73	2	11	15	2.15	−1.32	0.55	16-17	T.	14	8	1	21	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	42.2	+3.2	75	3	18	18	2.26	−1.14	0.49	26	T.	12	7	7	16	nw.	City of Meadville
Midland	Beaver	780	9	45.6	+3.2	77	2	22	23	1.83	−0.67	0.72	26	0	10	12	8	10	se.	Perry P. Campbell.
New Castle-1.5 N.	Lawrence	900	65	44.2	+3.7	78	2	20	18	1.56	−0.90	0.45	26	0	10	11	9	10	w.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	12	46.8	+5.6	79	3	21	23	0.99	−1.30	0.40	26	0	8	10	7	13	s.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	2	43.6	.....	76	2	18	18†	1.92	.....	0.72	26	T.	9	9	13	8	ne.	U. S. Engineers.
Ridgway	Elk	1,385	38	40.3	+2.3	77	2	12	19	1.46	−1.47	0.49	26	T.	13	6	12	12	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	42.8	+4.1	72	2	15	19	1.61	−1.62	0.59	26	0	9	5	7	18	se.	D. L. Grove.
Springs-1 SW	Somerset	2,500	26	41.8	+3.3	67	2	16	23	2.02	−1.03	0.45	17†	0	10	11	6	13	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	8	42.0	.....	77	2	18	18	2.14	−0.84	0.64	17	T	12	9	5	16	sw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	42.5	.....	74	2	17	18	2.54	.....	0.70	25-26	T.	14	2	19	9	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	49.1	+5.2	83	3	20	23	1.68	−1.38	0.59	26	0	11	13	6	11	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	46.0	+3.2	81	3	21	18	1.46	−1.08	0.55	26	0	11	10	11	9	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	44.4	+4.1	76	3	20	18	1 82	−1.65	0.41	26	0.5	13	.	.....	.....	e.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	46.4	+2.8	82	3	19	19†	1.50	−0.90	0.35	7†	0	6	14	5	11	w.	Thomas S Knox.
Division mean				**44.0**	.....	**83**	**3**	**11**	**15**	**1.84**	.....	**1.25**	**26**	**0.1**	**10**	**10**	**7**	**13**	w.	
Lake Drainage																				
Albion	Erie	900	2	43.8	.....	82	3	20	18	2.99§	.....	0.85	25-26	0	10	2	20	8	nw.	Albion High School
Erie	Erie	705	72	47 6	+6.2	76	3	27	22	3.48	+0.18	1.06	11-12	0.7	14	6	5	19	se.	U. S. Weather Bureau.
State mean				**44.7**	**+3.3**	**83**	**3**	**11**	**15**	**1.26**	**−1.61**	**1.25**	**26**	**T.**	**9**	**10**	**8**	**12**	w.	

[See page 88 for explanation of reference marks.]

Daily Precipitation for November 1946

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike								.22				.20						.05					.11			.03						0.61
Equinunk[3]	Wayne								.35				.04				.03	.04	.02				.04	.03			.55				T.		1.10
Hawley[2], 0.5 E	Wayne					T.			.25	T.	T.	T.	.05	T.			.01						.04	T.	T.		.31	T.					0.66
Hollisterville[3]	Wayne	T	.01	.02	T.				.25		T.		.06				.02	T	T.				.01	.05	.01		.10	T.					0.83
Lakeville[2], 1 N	Wayne								.28		T.	T.	.07										.04	T.	T.		.31	T.					0.70
Matamoras[2]	Pike								.38				.12											•			.15						0.65
Milanville[2]	Wayne								.30				.06					T.					T.				.34	T.					0.70
Mount Pocono[1, 2] N	Monroe	T.	T.		T.		T.	.09	.29	T.		.15	T.		T.			.13					.09	T.		.32		T.				1.07
Pecks Pond[2]	Pike								.41				.10					T.					.09				.22						0 82
Pleasant Mount[1, 5], 1 W	Wayne							.13	.32			.13						.13					.06			.73							1.50
Stroudsburg, 2 E	Monroe								.21			.03	.24					.06					.09			.02	.12						0.77
Tanners Falls[1, 5], 1 SE	Wayne							•	.25			.10							.14				.12			.31							0 97
Wind Gap[1, 5], 3 SW	N'rthampton							.05	.24			.23						.07					.27				.19						$1.05
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh	T.		T.	T.			.04	.12			.23						.14					.25			.22	T.						1.00
Allentown[2]	Lehigh				T				.17				.18					T.	.13				.16	.01		T.	.27						0.92
Bethlehem[1]	N'rthampton				.01			.03	.20			.18						.12					.13			.22							0.89
Blakeslee Corners[1, 5]	Monroe							.04	.30			.17						.02					.04			.26							0 83
Gouldsboro[2]	Wayne								.26		.03		.22					T.					.09	T.			.31						0.91
Lansford[2]	Carbon								.35				.16					•	.11				.13				.24						0.99
Mauch Chunk, 1 SW	Carbon							T.	.28			T.	.20					.10	.12				.15	T.		.20							1.05
New Tripoli	Lehigh				T.				.33			.05	.12					.08					.18			.18	.06						1.00
Palmerton[1, 5]	Carbon							.05	.13			.15	T					.03	T.				.17			.13	T.						0.66
Zionsville, 1 SW	Lehigh								.25				.30					.20					.20				.20						1.15
SCHUYLKILL																																	
Conshohocken	Montgomery			T.					•			.17						.21					.51			.04							0.93
Fredericksville[2], 1 S	Berks								.28				.26					.02	.21				.24	T.		T.	.27						1.28
Geigertown[2]	Berks								.20				.15						.31				.24				.04						0.94
Gratersford[2]	Montgomery								.13				.37					.02	.33				.07	.21		.01	.19						1.33
Phoenixville[2], 1.5 SE	Chester	.03	T.						.08				.10					T.	.44				.20				.20						1.05
Port Clinton[2]	Schuylkill								.32				.10					.12	.06				.18	T.			.24						1.02
Pottstown[2], 0.5 S	Montgomery	T.							.12	T.			.18					.16	.04					T.	.09	.06	T.	.03						0.68
Pottsville[2]	Schuylkill								.43				.20					T.					.08				.27						0 98
Reading[1, 5]	Berks	T.						.09	.12			.13						.19					.29			.30							1.12
Strausstown[2]	Berks								.40				.16					.02	.10				.09				.35						1.66
Virginville[2]	Berks		.01	T.	T.				.29				.05					.04	.04				.32	.01		.01	.42						1.19
Wernersville	Berks	.02			T.				.23			.01	.13					.18					.23			.14	.23						1.17
LOWER DELAWARE																																	
Coatesville[2]	Chester								.12			T	.12					.05	.53				.08				.17						1 07
Doylestown	Bucks	.02		T.			T.		.15			.05	.09					.36	.04				.13			.03	.04						0.91
George School[6]	Bucks	T.		T.					.12			.01	.04					.43					.65			T.	.02						1.27
Maple Glen[7]	Montgomery								.10				.09					.18	.38				.21				.16						1.12
Marcus Hook[2]	Delaware	T.			T.				.16				.14					.07	.41				.52	.03		.02	.15						1.53
Philadelphia																																	
Southwest Airport, [1]	Philadelphia	T.		T	T.			.09	.07			.18						.48					.93			T.	.20	.06					2.01
City Office[1, 5]	Philadelphia	T.	T.	T.				.03	.10			.09						.46					1.11			T.	.05	.03					1.87
Shawmont	Philadelphia							T.				.04						•	.37				.40			T.	.09						0.90
Quakertown, 0.5 E	Bucks								.17			.11	.15					.26	.02				.20			.02	.21						1 14
West Chester	Chester							T.	.11			.06	.02					.36	.10				.18			.02	.09						0.94
West Grove[2], 1.5 SE	Chester								.15				.06					T	.48				•	.19		T.	.03	.06					0. 97
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga																																
Covington[2]	Tioga	.03			T.				.13				.03					.12					.06	T.	T.		.25						0.62
Lawrenceville	Tioga				T.			.03	*	.15		.08	T.					.03					.10	T.			•	.24					$0.63
NORTH BRANCH																																	
Berwick	Columbia								.28			.04	.09					.10					.05	T.		.09	.31		.01				0.97
Canton[2], 1 NW	Bradford				.02				.20				.09	.05				.12	T.				.09	T.			.35						0 92
Danville[2]	Montour								.32	T.			*					.15	.14				*				.59						1.20
Freeland[2]	Luzerne				T.				*	•		•	*						.62				.15	T.			.34						1.11
Hop Bottom[2], 2 S	Susquehanna								.09				.10					•						.50	T.	T.		.15	.70					1 54
Millville[1, 5]	Columbia							.28	.02			.04						.10						.19			.60							1.23
Monroeton[2], 2 S	Bradford	T	T.		T.				.20	T	T.		.12	.02		.03		.02	T.				.05	T.	T		.30						0.74
Montrose[2], 3 E	Susquehanna	.03	.01		.01	.04			.27	.01	.05	.02	.18	.08	T.	.03		.10	.07				.04	.04		.01	.60						1.59
Orwell[2], 3 N	Bradford				.02				.30	.03		T.	.11	T				.08					.06	.05			.18						0.83
Park Place[1], 1 NW	Schuylkill	T.		T.	T.			.15	.17	T.		.20	T.					.10					.08	T.		.25							0.95
Pikes Creek[1, 5]	Luzerne							.08	.17			.11						.08					.20			.62							1.26
Rush[2]	Susquehanna								.25		T		.08			.03		.10					.08	T.			.34						0. 88
Scranton[1, 5]	Lackawanna	T			T.		T.	.10	.17	.01		.06	T.		T.			T.					.09	T		.40							0.83
Susquehanna[2]	Susquehanna	.02	T.		T.				.24	.04	.04	T.	.05	.03		T.		.05	T.				.06	T		T.	.56	T		.01			1.10
Towanda, 1 E	Bradford	T	T.		.02			.03	.22	T.	T	.01	.01		.02			.01					.07	.02		.17	.07	.02		T.			0.67
Tunkhannock[2]	Wyoming																																
Wilkes-Barre[1], 3 N	Luzerne	T			T.			.13	.18	T.		.16	T.					.02					.06	T.		.51							1.06
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga																																
Carrolltown[2]	Cambria	.08	.05			.01			.20	.02			.23					.32	T.				.05	T.			.37						1.33
Carter Camp[2]	Potter	.03				T.			.17	T.		T.	.16	.04				.28	.04				.06	T.	T.	.10	.61						1.49
Cedar Run[2]	Lycoming	.02							.13				.09	T.				.17	.02				.03	.04			.39						0. 89
Clearfield[2]	Clearfield	T.	.02			T.			.19	T.			.18					.34	.02				.12	.01		T.	.31						1.19
Coalport[2]	Clearfield		.13						•				.37					.30					.15	T.			.45						1.10
Curwensville Apt[1] 6 NW	Clearfield	.03			.02			.07	.02	.04	.01	.26	.03	T.	.02		.03	.34				T.	.13	T.		.04	.76	T.	T.				1.80
Driftwood[1, 5]	Cameron							.10									.02	.14					.08				•	.44					$0. 78
Dushore[1, 5]	Sullivan							.07	.05			.04	.06					.10				.05	.14				.73						1 24
Eagles Mere[2]	Sullivan		T.						.15		T.		.12	T.		T.		.13	T.				.24	T.	T.	T.	1.03						1.67
Emporium[2], 1 E	Cameron	.04				.03			.12	.03		.02	.15	.01	.01	.05		.25					.13	.01	.01	.02	.49	.04					1.41
English Center[1, 5]	Lycoming							.09	.01			.05						.19					.08			.20							0.62
Galeton	Potter	T			.01				.14	T		.02	.08					.22					.02	T.		.05	.20						0. 74

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																															
Karthaus[2]	Clearfield	T.	T.			T			.24			T.	.11					.45					.05	.05			T.	.41					1.31
Lock Haven[2]	Clinton		.02						.20				.05			T.		.25	.02				.04	.03				.28					0.89
Medix Run[1, 5]	Elk				.03			.13				.12					.01	.21				.01	.13			.01	.64					1.29
Philipsburg[1], 7 E	Centre	.06			.01			.16	T.	.01		.14	.01		T.		T.	.22					.13	T.		T.	.09					0.83
Renovo[2]	Clinton	T.	.01			T			.16	T.		.01	.07					.19					.07				.01	.29					0.81
State College[1, 5]	Centre	.01			T.			.12	T.	T.	T	.09	T.		T		T	.19					.11	T.		T	.37					0.89
Tamarack[2], 2 S	Clinton	.03	T.			T			.19	.01	T.	T	.06	T.	T.	T		.16	T.				.03	.07	T.		T.	.40	T.				0.95
Trout Run	Lycoming							T.	.23			.04	.05		.01	T.		*					.34				T.	.35					1.02
Tyrone [1, 5], 4 NE	Blair							.26				.07						.25					.11				.28						0.97
Wellsboro[2]	Tioga	.03			T	.01			.09	T.		T.	.04	T		T.		.05	T.				.03	.04	T	T		.26					0.55
Williamsport Apt.[1]-4 E	Lycoming	T.			T.			.12	.06	T.	T.	.06	T.		T.			.19					.08	T.			.38						0.89
Williamsport[2]	Lycoming		T						.20				.06	T.				.20	.03				.09				T.	.32					0.90
Williamsport[2], 4 SE	Lycoming		T.						.24				.10	.02		T.		.16	.03				.03	.01				.31					0.90
JUNIATA																															
Altoona, 4.5 W	Blair							.06	.17			.21						.22					.12				.21	.06					1.05
Breezewood[1], 0.5 E	Bedford	.08						.23				.15						.24					.10				.20						1.00
Buffalo Mills[2]	Bedford	.13							.23				.06					.13					.05					.20					0.80
Burnt Cabins[1], 2 NE	Fulton	T.						.20			T.	.10						.23					.06				.33						0.92
East Waterford[2], 3 E	Juniata	T.	T.	.01					.24	T.		.01	.08					.26	.01				.08	.02				.34					1.05
Everett[2], 0.5 SW	Bedford	.03	.01						.24	T.		.01	.10					.15	.03				.06	.02				.14					0.79
Huntingdon[2]	Huntingdon	T.							.21	T.		.01	.09					.24					.09	.04				.44					1.15
Lewistown[2], 1 W	Mifflin								.20				.04					.32	T.				.11	T.				.28					0.95
Mapleton Depot[2]	Huntingdon								.17			.01	.08					.25	.01				.04					.26					0.82
Martinsburg[1]	Blair	.01						.20	T.	T.		.13	T.					.09					.06				.25						0.74
McConnellstown[2] 4NW	Huntingdon		.05						.30			.01	.17					.26					.07	.06				.32					1.24
Neffs Mills[1, 5], 3.5 NE	Huntingdon							*	.25			.10						.22					.12				.50						1.19
New Bloomfield	Perry	.02		T				T.	.41			.08						.27					.10				.25	.03					1.16
Newport[2]	Perry		.01	T.					.29			T.	.09					.19	.02				.09					.28					0.97
Saxton[2], 1 W	Bedford								.16			.03	.06					.15					.05					.32					0.77
Shade Gap[1, 5], 0.5 SW	Huntingdon							.19				.10						.14					.08				.29						0.80
LWR SUSQUEHANNA																															
Arendtsville[2]	Adams		.02	.02					.17				.05					.17	.04				.06				T.	.15					0.68
Beavertown[2]	Snyder								.21				.04					.06					.26					.28		.01			$0.86
Bloserville, 1.5 N	Cumberland	T.						T	.35			.07	.05					.13					.11				.11	.15					0.97
Carlisle	Cumberland		.01	.01	.01			T	T.			.05						.13					.03				.11	.12					0.47
Columbia	Lancaster							T.	.18			.01	.12					.24	.01				.09				.13	.02					0.80
Dauphin[2], 3 N	Dauphin	T.	T.						.30				.09					.03	.03				.05	T				.25					0.75
Ephrata	Lancaster	.01			T.				.17	T.		.02	.22					.22	T.				.25			T.	*	.10					$0.99
Glen Rock[1, 5]	York							.13	.05			.06						.29					.12				.14						0.79
Gordon	Schuylkill								.41				.12					.12					.07				.16	.15					1.03
Grantville, 2 SW	Dauphin	.01			.01			T.	.33			.07	.04					.13					.12				.21	.11					1.03
Hanover[2]	York	T.			T.				.15				.17					.07	.20				.10				T.	.23					0.92
Harrisburg Apt[1, 5], 3.5 S	Dauphin	.01	T.	T.	T.				.22	T.		T.	.07					.09					.03				.26						0.68
Holtwood[2]	Lancaster	.01			T.				.09				.15					.06	.34				.14	T			T.	.07					0.86
Huntsdale[2]	Cumberland	T.			T.				.18			T	.03					T.	.20				T.					.17					0.58
Kirkwood[1, 5], 1 SW	Lancaster							.10	.01			.06						.59					.07				.20						1.03
Lancaster	Lancaster	.02							.15			.06	15					.31	.02				.22				.04	.06					1.03
Lebanon[2]	Lebanon	.01			.01				.30			T.	.04					.03	.14				.05					.38					0.96
Middletown[1], 1.5 W	Dauphin	T.	T.	T.	T			.28	.03			T.						.14						.04				35	.01				0.85
Millersburg[1, 5], 2 E	Dauphin							.30	.02			.04						.06					.07				.23						0.72
Milroy[2]	Mifflin	T.							.22			*	.12			T.		.30					.15					.50					1.29
Newburg[1], 3.5 NW	Cumberland							.35				.07						.24					.05				.39						1.10
New Park	York								*			*	.27					.20	.32				*				*	.38					1.17
Pine Grove[2], 1.5 NE	Schuylkill			T.	T.				.31				.19					.10	.01				.10	T.				.40					1.11
Selinsgrove	Snyder								.37			.04	.15					.10									.26	.17					1.09
Shamokin[2]	N'umberland								.29				.07					.06					.07					.40					0.89
Shippensburg	Cumberland	T.							.25			.06	T.					.31					.01				.18	.18					0.99
Sunbury[2]	N'umberland	T	T.						.39				.04	T.		.01		.12	T.				.17	.01				.30					1.04
Wellsville	York	.03						T.	.25			.02	.04					.17	T.				.06				.16	.08					0.81
Williamstown[2]	Dauphin								.42			T.	.12					T.	.12				.11					.27					1.04
York, 3 SW	York								.18			.02	.19					.22	.02				.12				.12	.04					0.91
York Haven[2]	York	.01							.25				.08					.04	.12				.08					.25					0.83
Potomac Basin																															
Chambersburg[6], 1 SW	Franklin	.04						.26	T.			.09						.19					.05				.26						0.89
Gettysburg	Adams							T.	.16			T.	.04					.17									.16	.04					0.57
Hewitt, 2 SW	Bedford	.16						.20				.11						.20					.08				.08						0.78
Hyndman[2]	Bedford	T.	.11						.21			T.	.06					.12	T.				T					.03					0.53
McConnellsburg[2]	Fulton	T.							.36				T.					.19					.11					.30					0.96
Mercersburg[2]	Franklin	.04							.19				.05					.18					.04					.20					0.70
South Mt. San't'm[2]	Franklin	.04							.19				.12					.25	.11				.05					.28					1.04
GULF DRAINAGE																															
Ohio Basin																															
ALLEGHENY																															
Acmetonia[2]	Allegheny	.13			.02				.24	.02			.10					.29	T.				.09				.10	.64					1.63
Allens Mills[1, 5]	Jefferson	.02						.11				.21					*	44					12			.10	73					$1.73
Blairsville[1], 6 NE	Indiana	.09			T			.31	.09	T.	T.	.32	T				.05	.40				T.	.13	T.		.02	.63	T.				2.04
Boswell[2], 6 NW	Somerset	.17	.09						.34	.05		.02	.35					.30	.02				.07				.02	.54					1.97
Bradford, 4 W	McKean	T.	T.		.05			.04	.05	.20	.05	.51	.22	T.	.07			.55					.26	.15	.02	.03	.60	.20	.12				3.12
Brookville[1], 1.5 SW	Jefferson	.01			.01			.06	.01	.04	T.	.22	.02		.01		.09	.36					.10	T		.07	.58						1.58
Buckstown[1, 5]	Somerset	.04						.22				.16						.23					.05				.30						1.00
Clarion[2], 3 SW	Clarion	.01							.25	.04	.02	.06	.18					.50					.09		T.		.08	.53					1.76
Corry	Erie		.05		.03			.16	.08	.25	.08	.67	.21					.52					.10	.04		.13	1.25						3.57
Coudersport	Potter				.03			*	.10			*	.56				.03	.14						.04			.42	.55					1.87
Coudersport, 7.5 E	Potter																																
Derry	W'moreland	.11			T.			.23	.02	T.		.25	T.					.37					.47				.57	.06					2.08
Donegal[1]	W'moreland	.14			.02			.52	.08	.01	.02	.42					T.	.40					.01			.01	.60						2.23
Dunlo[1, 5], 0.5 SW	Cambria	.04						.23	.02	.02		.24					.02	.26				.02	.12				.38						1.35
Ebensburg[2]	Cambria	.03	.02						.23	.02			.20					.34					.10				T	.32					1.26
Ford City[2], 4 S	Armstrong	.06	T.						.21	.03		T.	.10					.37					.15				.07	.88					1.87
Franklin[2]	Venango	T	.14	T.	.02	T.			.13	.06	.03	.19	.04	T.		.10		.52					.10		T		.18	.45					1.96
Glen Hazel[2], 1 NE	Elk	.01	T.		.01	.02		T.	.13	.09	.03	.05	.30	T.	.06			.53					.16	T	T.		.12	.52	.01				2.04
Home[1, 5]	Indiana	.05					.03	.16	.04			.15					.08	.36	.06			.06	.14				.49						1.48
Indiana	Indiana	.16			T			.07	.23	.02	T.	.12						.41					.14				.24	.20					1.59
Johnstown[2], 0.5 W	Cambria	T	.01			T.		T.	.32	.01		.01	.17					.34					.05					.31					1.22

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Daily Precipitation for November 1946—Continued from page 84

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1, 1 N	McKean	T.	.03		.01			.12	.04	.07	.02	.46	.07		.04		.15	.40					.17	T.		.06	.51	T.					2.15
Kregar[1, 4.5 SE	W'moreland	.12			T.			.41	.08		T.	.18	.38				.14	.44				T	.22			T.	.81					2.78
Lyceppus, 1.5 E	W'moreland	.11			T			.12	.18	.06	T.	.28	.03					.32					.08			T.	*	.45					§1.63
Marienville[1, 5	Forest							.20				.36					.16	.44				.05	.19				.71					§2.11
Meadville[2], 1 S	Crawford	.03	.01	T.	.02	T.			.12	.14	.02	.18	.33			T.		.37					.07	T.	T.		.48	.49					2.26
Mosgrove[2]	Armstrong	T.	T.		.02	T.			.23	.02	T.	.03	.16	T.		T.		.50	T.								.10	.56					1.62
Parkers Landing[2]	Armstrong	.04							.02	.04		.10	.16					.52					.15				.10	.45					1.58
Pittsburgh City Of[1, 5	Allegheny	.01			.01			.23	.01		T.	.04	T.				.06	.22				T.	.04			.05	.60						1.27
Port Allegany[2]	McKean	.02	.02		.02				.08	.05	.02	.02	.28	.04	.01	.08		.27					.11	T.	T.		.04	.36					1.42
Punxsutawney[2]	Jefferson	.05							.06		.05	.07						.43	T.				.16		T.		.08	.86					1.76
Putneyville[2], 2.5 SE	Armstrong	.01	.01						.32	.08			.13					.44					.14		T.		.12	.72					1.92
Ridgway[2]	Elk	.04	T.		.01	.01			.07	.05	T.	.03	.16			.02		.41	.04				.10	T.			.03	.49					1.46
Saltsburg[2]	Indiana	.07	.15			T			.13	T.		.01	.11					.30	T.				.09				.03	.42					1.31
Seward[2]	W'moreland	.08	.02						.26	.04			.26					.30				.04	.02					.48					1.50
Sheffield[1, 5, 6 W	Warren		.02					.17	.07	.11	.05	.46	.06				.11	.47					.10	.03		.14	.64						2.43
Smethport[1, 5, 1 SW	McKean							.10		.06		.34	.02		.07		.09	.19				.03	.10	.03		.03	.44						1.50
Strongstown[1, 5	Indiana	.03						.21	.03			.20	.08				.01	.42					.05				.40						1.38
Tionesta[2], 1.5 SE	Forest	.08	.05		T.	T.			.18	.08	.02	.11	.29			.02		.64					.10	T.	T.		.13	.44					2.14
Titusville, 2 S	Crawford		.05		.02			.04	.16	.16	.06	.48	.05		.01			.58					.08	T.		.08	.70	.07					2.54
Union City[1, 5	Erie		.06		.04			.10	.16	.02	.07	.63	.10				.26	.15					.15			.26	1.16						3.16
Vandergrift[1]	W'moreland	.05			.04			.15		.04		.10					.06	.28					.10			.07	.55	.02					1.46
Warren[2]	Warren	.03		.02	T.	.01			.13	.22	T.	.18	.07	.01				.31					.12	T.	.01		.30	.41	T.					1.82
Youngsville[1, 5	Warren		.05					.17	.26	.06	.03	.48	.12				.23	.28					.14	.03		.21	.62						2.68
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.17	.05		T.	T.		T.	.42	T.		T.	.12	T.				.37	.03				.08	T.				.54					1.78
Connellsville[2]	Fayette	.06			T			T.	.26	.02			.13					.18	.02				.04					.55					1.26
Donora[1]	Washington	.11						.20	.03		T.	.06	.02				.10	.10				T.	.08			T.	.21						0.91
Greensboro[2]	Greene	.19	.01					T.	.35	.03		.01	.17					.26	.06				.03	.03				.40					1.54
Greensburg, 2 S	W'moreland	.07			T.			.20	.03	.01		.10	.02					.25					.13				.29	.02					1.12
Irwin	W'moreland	.19						.08	.11	.02	.02	.12	.01					.26					.18			T.	.17	.16					1.27
Meyersdale[2]	Somerset	.17	.03						.38			.03	.01					.26	T.				.06					.24					1.18
Murrysville // [1, 5	W'moreland	.10						.17			.03	.05					.08	.16					.11			.03	.34						1.07
Pittsburgh Arpt.// [1, 5	Allegheny	.08			T.			.18	T.	T.	.03	.08	T.				.04	.10				T.	.08			T.	.40						0.99
Rices Landing[2]	Greene	.11	.09					.01	.32	.05		.04	.10					.25	.02				.04				.02	.28					1.33
Somerset	Somerset	.15						.11	.15	T.		.13	.02					.39					.07				.39	.20					1.61
Springs[6], 1 SW	Somerset	.28						.34	.18	.02		.14	.02					.45					.14				.42	.03					2.02
Uniontown	Fayette	.14						.26	.04	.07	.01	.19	.02					.25					.11			T.	.52	.07					1.68
Waynesburg	Greene	.22						.35				.19						.35					.06				.33						1.50
BEAVER																																	
Beaver Falls[2]	Beaver	.04			T.				.16	T.		.02	.18					.19	.06				.05	T.			.07	.51	T				1.28
Butler	Butler	.05			.01			.01	.27	.01	T.	.25	.20					.25					.11			.02	.41	.22					1.81
Farrell[2]	Mercer								.18	.05		.17	.27					.36					.09				.27	.36					1.79
Greenville	Mercer	.03	.07		T.			.20	.03	.07	.05	.45	.02				T.	.46					.08			.04	.75	.03					2.28
Jamestown[2], 2 NW	Mercer	.05	.05	T.	.03	T.			.18	.05	T.	.13	.35					.34					.03				.59	.52					2.32
Mercer Arpt.[1, 2.5 NE	Mercer		.01		.03			.17	.01	.07	.07	.43	.02				.23	.20				T.	.04	T.		.16	.44	T.					1.88
New Castle[1, 1.5 N	Lawrence				T.		T.	.14	.02	T.	.09	.38	T.				.06	.30				T.	.07	.02		.03	.45						1.56
Pennline, 2, 1 S	Crawford	.02	.02		.05				.11	.10	.04	.89	.36					.38					.05	T.	T.	.08	.80	.54					2.89
OHIO																																	
Claysville[2]	Washington	.14	.05						.23	.03			.09					.32					.07				.01	.60					1.54
Coraopolis[2], 1 E	Allegheny	.07			T.				.20	.01		T.	.06					.34					.06				.17	.76					1.67
Midland[2]	Beaver	.06			.01				.19	.01		.04	.21					.33	T.				.09				.15	.72					1.83
Washington[1, 5	Washington	.09						*	.26			.09					.11	.19				.04	.13				.49						§1.40
LAKE DRAINAGE																																	
Albion[2]	Erie				.04				.07		.04	.55	.45					.37					.06			.21	.85	.35					§2.99
Erie[1, 5	Erie		.15	T.	.01			.07	.26	.01	.07	1.05	.06				.24	.10				T.	.11			.45	.85	.05					3.48
Raymond[1, 5	Potter																																

[See page 88 for explanation of reference marks.]

Daily Temperatures for November 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/.	Maximum..	55	70	82	54	50	62	57	51	56	68	63	50	50	51	47	56	45	40	47	59	66	54	37	57	50	44	41	46	42	54	....	53.5
	Minimum..	34	45	53	50	41	27	33	42	38	43	38	38	34	35	22	29	28	20	26	34	35	33	26	28	36	36	36	35	36	22	27	34.1
Allentown Arpt.[1-4 NE..	Maximum..	68	64	62	72	53	59	55	65	53	58	61	57	49	53	51	53	49	46	52	56	62	57	38	46	63	64	59	47	51	48	....	55.7
	Minimum..	51	55	56	49	39	35	38	46	44	41	49	36	29	32	27	22	37	28	23	24	26	32	23	22	31	43	40	33	29	26	....	35.5
Allentown/.	Maximum..	66	65	63	73	60	60	55	65	54	59	62	56	51	54	49	54	51	18	52	56	61	58	49	47	64	56	56	49	52	49	....	56.5
	Minimum..	53	54	56	57	44	37	40	45	46	42	44	47	31	33	30	23	26	32	27	26	28	30	31	24	26	36	37	37	34	30	....	36.9
Altoona-4.5 W..	Maximum..	55	65	66	62	54	60	53	57	52	54	54	52	46	45	50	49	46	42	50	62	60	52	36	49	57	59	58	50	49	49	....	53.1
	Minimum..	45	48	55	49	37	33	37	44	42	37	46	34	30	34	28	25	37	22	22	28	31	34	21	21	34	45	39	27	38	27	....	35.0
Arendtsville/.	Maximum..	58	64	67	73	58	61	56	64	54	57	60	52	50	53	51	50	49	45	53	57	60	56	40	50	64	62	59	51	58	45	....	55.7
	Minimum..	53	51	54	55	42	40	36	45	47	35	39	43	28	32	27	24	28	30	23	27	31	32	25	20	23	36	34	32	29	27	....	34.9
Beavertown/.	Maximum..	67	62	69	70	56	60	59	59	60	62	57	59	51	53	49	50	50	45	53	59	60	52	37	47	60	58	55	48	49	48	....	§55.5
	Minimum..	44	51	56	54	41	43	34	34	47	45	46	44	34	30	25	20	48	28	18	19	23	29	26	28	32	36	34	31	29	28	....	§34.9
Berwick	Maximum..	63	63	73	68	60	58	52	62	53	57	59	58	48	53	49	53	49	48	50	55	61	55	40	45	63	62	63	47	47	46	....	55.3
	Minimum..	47	55	55	58	40	33	33	48	47	44	51	44	32	32	28	24	42	29	21	23	26	40	28	23	35	39	37	31	31	29	....	36 8
Bethlehem[1]	Maximum..	70	66	62	67	53	60	56	64	53	59	63	62	49	52	50	53	49	47	52	56	62	55	41	44	64	64	54	46	48	47	....	55.6
	Minimum..	56	57	57	49	44	40	47	50	47	45	50	40	37	38	33	28	42	33	29	28	30	37	28	25	39	53	42	36	31	30	....	40.0
Blairsville[1-6 NE.	Maximum..	51	75	73	59	48	55	59	58	43	56	59	41	42	43	50	56	51	42	57	57	66	54	29	58	56	61	45	47	42	59	....	53.1
	Minimum..	44	49	53	38	32	33	42	38	36	36	37	29	27	31	28	35	28	20	29	38	39	21	15	24	50	37	31	22	33	32	....	33.6
Bradford-4 W.	Maximum..	56	73	74	68	48	57	56	54	47	54	50	48	45	44	45	54	49	40	57	70	63	52	34	57	58	49	45	40	46	47	....	52.6
	Minimum..	31	49	50	46	35	27	29	43	43	40	41	38	39	40	19	20	20	16	19	22	27	29	22	22	45	40	34	26	22	23	....	31.9
Brookville[1-1 5 SW.	Maximum..	56	75	71	59	52	58	55	56	43	56	56	43	45	43	50	56	51	43	57	56	64	54	31	58	55	57	46	42	43	56	....	52 9
	Minimum..	41	52	43	40	33	27	28	43	38	38	42	29	29	28	23	24	25	19	19	22	21	27	18	18	50	39	35	25	27	28	....	31.0
Burnt Cabins[1-2 NE.	Maximum..	59	68	73	73	54	64	59	61	53	58	56	50	49	47	54	50	51	43	56	62	60	53	36	47	68	62	56	50	49	48	....	55.6
	Minimum..	49	51	50	46	37	30	31	42	36	33	46	30	26	29	20	22	32	20	15	21	20	30	19	18	36	32	34	24	24	24	....	30.9
Butler.	Maximum..	57	79	80	60	58	59	61	60	49	60	60	57	46	47	50	54	57	50	47	61	68	56	39	59	59	56	58	58	49	53	....	56.7
	Minimum..	44	51	47	43	37	28	31	45	43	40	46	40	27	34	25	25	37	19	34	24	26	23	22	31	22	46	37	26	26	26	....	33 5
Canton/-1 NW	Maximum..	76	75	69	63	48	60	53	59	49	50	53	45	41	41	42	48	46	39	50	60	60	49	32	43	57	56	51	43	42	42	....	51.4
	Minimum..	39	45	52	55	30	34	36	34	42	29	41	41	31	29	25	24	32	24	24	29	30	32	26	26	26	37	34	26	29	24	....	32.7
Carlisle.	Maximum..	69	65	72	75	65	66	64	68	58	60	60	58	52	58	50	56	50	51	53	59	60	60	45	49	65	55	53	56	52	50	....	58.5
	Minimum..	48	46	48	52	45	42	38	45	40	37	50	46	37	34	30	23	41	32	23	24	26	38	27	20	30	38	33	33	36	31	32	36.4
Chambersburg[6-1 SW.	Maximum..	69	64	71	71	58	62	56	63	52	58	59	53	49	52	51	53	51	45	50	54	60	55	37	51	65	58	58	48	53	50	....	55.5
	Minimum..	52	52	54	52	40	37	35	47	41	34	47	36	30	33	25	24	37	28	21	24	26	28	22	20	32	35	36	30	29	26	....	34.7
Clarion[6-3 SW	Maximum..	58	76	74	64	54	51	54	58	47	55	56	50	45	46	52	57	54	44	59	59	66	57	35	60	56	58	50	45	45	57	....	54.7
	Minimum..	39	48	43	46	32	28	30	43	40	36	46	36	25	29	22	24	28	17	19	22	25	30	22	18	39	45	34	22	30	25	....	31.4
Claysville/.	Maximum..	62	77	79	63	58	63	60	52	49	66	60	47	48	50	56	56	43	45	62	61	67	41	37	63	58	60	48	49	46	62	....	56.1
	Minimum..	50	51	50	52	29	27	28	47	43	38	48	39	26	28	23	23	43	20	23	26	28	32	19	20	36	46	37	19	21	26	....	33.3
Coalport/.	Maximum..	55	69	70	60	53	59	55	54	45	54	57	45	45	44	51	53	52	44	56	58	60	44	32	50	55	61	49	47	43	57	....	52.6
	Minimum..	29	43	47	38	29	29	36	42	33	42	39	36	31	25	20	22	15	17	20	22	26	21	16	22	43	38	38	26	25	22	....	30.0
Coatesville/.	Maximum..	64	69	63	73	55	60	58	66	53	61	64	56	50	53	50	54	53	47	54	57	61	59	39	49	64	67	52	48	56	53	....	56 9
	Minimum..	53	57	58	60	44	31	33	39	48	37	54	45	30	27	30	18	24	32	25	25	29	42	26	19	22	44	43	36	33	30	....	36.5
Columbia	Maximum..	69	70	65	76	66	65	61	71	61	63	64	62	52	55	53	56	55	51	55	58	63	61	48	49	68	67	61	58	58	52	....	60.4
	Minimum..	54	55	55	55	45	34	34	50	49	34	47	46	33	31	27	23	38	30	23	27	27	40	27	21	34	44	44	33	31	29	....	37.3
Corry	Maximum..	58	65	75	65	50	58	55	56	45	54	57	46	43	44	52	55	52	42	57	59	65	55	32	57	55	49	43	41	43	55	....	52.8
	Minimum..	35	49	49	45	38	25	28	43	31	39	45	37	33	37	20	22	35	18	22	22	26	28	23	24	46	36	34	26	27	25	....	32 6
Coudersport.	Maximum..	60	62	66	72	51	60	52	55	57	54	56	47	41	51	49	49	48	46	55	59	60	44	30	49	54	56	56	48	48	47	....	§52.5
	Minimum..	33	36	44	45	33	27	26	27	36	33	36	34	36	29	18	19	26	16	19	18	25	27	23	22	36	48	36	26	26	22	....	§29.0
Curwensville[1-6 NW.	Maximum..	53	66	66	56	50	56	49	52	40	50	54	40	43	41	46	48	48	39	52	55	56	49	26	49	52	55	43	42	41	48	....	48.8
	Minimum..	40	45	49	37	31	27	36	39	36	34	39	27	29	27	21	27	25	19	23	29	34	22	15	17	40	36	32	22	26	26	....	30.3
Derry.	Maximum..	59	78	79	65	55	61	59	63	47	64	63	48	47	48	55	59	57	45	64	61	70	58	36	62	60	65	52	51	50	63	....	58.1
	Minimum..	49	55	59	50	33	31	33	44	40	39	48	40	31	35	25	31	37	18	22	27	25	36	22	24	52	46	40	27	25	36	....	36.1
Donegal[1]	Maximum..	54	70	74	60	48	64	64	56	42	62	58	39	42	43	50	56	51	44	58	55	64	52	30	56	56	63	46	49	45	60	....	53.7
	Minimum..	46	48	46	36	30	24	30	39	28	32	38	24	26	30	21	24	26	20	20	23	21	20	16	20	45	41	32	20	26	25	....	29.2
Donora[1]	Maximum..	62	80	81	61	55	61	61	61	48	68	63	47	48	49	58	59	55	46	62	64	70	68	37	63	61	64	50	50	51	65	....	58 8
	Minimum..	53	59	51	48	38	34	40	46	46	42	45	34	34	37	32	33	32	29	28	33	31	30	24	32	53	46	39	36	35	32	....	38.5
Eagles Mere/.	Maximum..	58	58	56	62	45	56	50	50	44	48	52	43	39	41	40	46	44	36	45	56	56	48	28	40	51	56	49	39	54	39	....	47.6
	Minimum..	42	42	42	54	32	32	35	41	40	38	38	39	30	32	26	26	30	23	23	26	33	40	23	19	21	38	31	25	25	24	....	32.3
East Waterford[6-3 E.	Maximum..	54	56	65	62	48	57	53	57	44	50	52	50	41	44	46	45	47	39	50	57	54	49	31	42	61	57	54	44	44	41	....	49.8
	Minimum..	46	48	54	47	36	36	45	43	41	38	45	35	32	35	29	33	36	24	29	36	45	30	20	25	41	51	35	27	35	28	....	36.8
Ebensburg/.	Maximum..	64	68	66	68	47	55	55	48	43	52	55	40	41	41	52	49	41	43	56	56	59	40	42	53	54	58	44	46	42	53	....	51.0
	Minimum..	44	45	51	52	34	31	36	45	39	36	42	35	28	31	26	30	40	20	24	31	33	35	19	21	39	44	36	23	31	29	....	34.3
Emporium/-1 E.	Maximum..	68	75	72	60	55	63	52	58	54	54	55	48	46	45	52	54	51	46	57	60	62	48	50	53	58	59	59	50	44	51	....	55.3
	Minimum..	36	37	50	49	34	25	28	34	42	45	38	41	34	35	21	18	30	17	15	17	20	30	25	18	18	46	42	27	34	24	....	31.0
Ephrata	Maximum..	64	68	66	73	62	61	56	67	56	60	63	61	51	53	50	53	52	49	58	53	61	59	45	46	63	65	66	48	55	50	....	57.6
	Minimum..	54	56	56	59	43	37	36	49	44	36	50	43	33	32	30	25	42	32	25	26	28	44	29	24	39	48	42	35	32	32	....	38.7
Erie[1]	Maximum..	58	68	76	65	50	57	60	60	50	63	61	49	50	48	52	59	52	45	59	57	68	57	33	62	61	43	43	48	47	55	....	55.2
	Minimum..	43	55	58	47	43	43	46	45	46	43	47	41	39	42	34	40	35	34	34	45	42	27	28	32	40	38	35	32	35	35	....	40.1
Everett[1-0.5 SW.	Maximum..	60	67	67	68	54	61	56	59	48	59	57	48	48	48	52	50	50	44	52	60	60	53	37	50	61	61	55	54	50	50	....	54.6
	Minimum..	51	50	48	48	41	31	32	43	38	35	47	34	34	38	25	21	29	20	17	22	22	30	22	18	18	35	38	28	26	25	....	32.2
Farrell.	Maximum..	62	77	78	72	56	64	57	57	50	54	55	49	50	49	54	56	54	46	59	62	68	53	35	57	57	55	44	44	43	59	....	55.7
	Minimum..	45	58	51	47	38	32	40	48	46	46	44	34	36	36	29	30	30	24	26	30	31	26	26	29	45	42	36	27	32	33	....	36.6
Ford City/-4 S.	Maximum..	57	77	78	63	58	61	59	55	48	60	60	48	48	48	52	58	52	43	59	53	67	44	35	60	58	59	48	47	46	60	....	55.4
	Minimum..	44	48	48	43	35	28	27	38	42	40	45	39	25	31	25	24	27	19	19	21	28	26	22	20	28	45	35	25	27	26	....	31.3
Franklin/.	Maximum..	60	76	75	61	54	61	58	54	45	55	56	55	46	47	53	51	45	46	58	61	65	40	35	67	56	53	47	45	44	55	....	54.1
	Minimum..	42	43	47	48	38	30	30	39	43	40	43	39	32	33	26	26	28	20	20	22	26	30	25	22	31	41	35	26	27	29	....	32.7
Fredericksville-1 S.	Maximum..	67	63	62	71	62	57	55	64	59	58	60	60	47	51	46	52	51	48	52	57	60	56	45	45	64	63	64	52	50	48	....	56.3
	Minimum..	51	53	53	57	40	28	32	47	43	33	47	43	26	26	25	20	34	29	21	24	21	37	26	20	40	43	37	32	32	27	....	34 9
Freeland.	Maximum..	62	61	65	64	56	53	56	54	48	49	54	55	55	54	55	54	56	55	53	54	56	55	32	37	60	58	59	42	43	40	....	§53.2
	Minimum..	42	48	48	50	34	34	34	43	40	38	44	35	30	32	25	24	37	24	26	33	35	30	21	19	26	46	24	23	28	25	....	§33.2
George School[6]	Maximum..	66	70	62	73	59	60	57	68	60	61	68	61	54	56	51	56	53	53	54	58	62	60	42	48	64	70	67	59	54	50	....	58.9
	Minimum..	52	55	58	58	39	32	35	49	41	35	47	44	28	30	28	19	39	31	30	24	30	40	27	22	37	48	40	34	35	26	....	37.1
Gettysburg	Maximum..	68	67	68	73	64	60	57	65	66	59	61	61	50	53	50	52	50	50	51	55	60	57	47	51	62	63	64	53	53	57	....	58.2
	Minimum..	55	55	56	57	44	40	37	50	50	35	47	44	32	32	27	24	39	31	25	26	29	43	27	22	37	39	40	32	32	29	....	37.9
Gordon	Maximum..	62	61	70	70	61	57	55	61	51	55	57	57	45	51	45	49	50	50	51	52	57	52	42	41	62	59	56	50	46	43	....	53.9
	Minimum..	42	51	50	58	39	30	28	36	40	33	47	43	32	26	23	18	36	27	17	20	22	35	27	17	30	42	35	30	25	22	....	32.7
Greensburg-2 S	Maximum..	69	76	78	60	54	62	56	60	48	64	60	51	48	48	55	60	56	48	62	59	72	59	34	62	59	65	60	52	47	63	....	§57.9
	Minimum..	49	47	41	47	27	25	29	45	43	35	49	39	28	34	23	21	38	16	17	23	25	34	22	18	37	40	40	22	27	24	....	32.0
Hanover/.	Maximum..	61	71	66	77	60	65	58	68	57	60	64	56	53	57	52	56	52	49	55	61	65	60	42	51	67	65	61	51	55	51	....	58.9
	Minimum..	55	55	56	57	43	37	40	43	48	37	42	43	32	35	30	29	31	30	28	30	32	34	25	25	32	47	41	32	35	32	....	37.9
Harrisburg Arpt. [1-3.5 S.	Maximum..	61	66	66	73	56	62	58	64	53	60	60	54	50	54	48	53	51	47	54	58	58	56	39	51	61	66	58	50	52	48	....	56.2
	Minimum..	56	55	57	51	42	41	39	50	43	36	50	40	35	37	30	27	42	27	25	26	29	35	27	23	36	46	41	36	33	32	....	38.2
Hawley-0.5 E.	Maximum..	64	60	64	68	50	56	57	64	52	55	57	57	47	47	46	53	52	45	53	58	61	53	36	46	64	63	61	45	43	44	....	54.0
	Minimum..	39	51	54	49	38	32	37	45	45	41	49	34	29	30	25	16	39	25	15	19	28	30	28	19	30	37	34	28	28	23	....	33.1
Hewitt-2 SW.	Maximum..	79	78	80	80	78	79	72	79	78	70	64	55	57	55	55	56	52	51	52	59	61	62	45	52	68	63	64	59	54	55	....	63.7
	Minimum.	50	43	44	39	39	45	44	49	49	50	46	25	33	35	25	20	36	17	13	17	19	20	13	15	24	30	24	22	23	22	....	31.0
Holtwood[1]	Maximum..	64	70	64	72	56	61	57	66	55	59	64	55	50	53	48	53	52	46	51	55	62	60	40	49	61	66	55	52	50	50	....	56.5
	Minimum..	57	58	59	55	42	41	44	53	43	40	53	43	36	36	34	30	39	34	34	36	39	30	27	38	50	45	38	33	34	34	....	41.2
Huntingdon	Maximum..	60	68	68	69	56	61	61	61	57	56	56	53	49	51	53	53	48	46	54	58	61	52	39	51	59	60	57	51	51	56	....	55.8
	Minimum..	48	54	50	50	42	31	33	47	40	36	46	38	28	36	28	20	35	35	20	23	23	32	27	19	32	39	40	31	31	28	....	34.7

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana-2.5 SE	Maximum	56	78	75	73	52	58	56	59	47	59	60	50	46	47	58	60	53	46	61	58	67	56	35	60	58	60	59	46	46	60	..	56.5
	Minimum	45	52	45	48	30	26	30	45	43	38	49	30	22	27	23	27	34	16	23	23	24	35	22	17	38	43	39	22	27	24	..	32.2
Irwin	Maximum	60	78	78	68	55	56	59	59	50	63	62	50	46	49	55	55	53	42	55	59	65	65	38	58	58	59	59	50	46	62	..	57.1
	Minimum	50	55	37	55	37	37	35	50	44	41	50	41	32	37	35	35	40	25	40	38	46	40	25	40	50	49	41	40	28	41	....	41.1
Jamestown-2 NW	Maximum	63	76	78	57	55	61	59	52	46	62	56	49	52	49	55	57	45	45	58	62	66	40	37	58	58	44	47	45	43	58	..	54.4
	Minimum	35	43	50	52	36	27	31	43	41	39	42	37	29	34	20	27	35	18	24	27	27	33	23	21	34	37	31	23	24	27	....	32.3
Johnstown	Maximum	56	75	73	66	55	65	59	59	55	58	59	47	49	48	51	56	48	48	63	65	62	48	34	59	60	65	52	53	49	66	..	56.8
	Minimum	52	45	50	50	41	34	37	44	44	40	48	40	32	36	35	28	34	27	28	28	28	29	23	25	32	44	42	30	31	30	....	36.1
Kane[1]-1 N	Maximum	58	73	70	57	48	52	52	55	43	51	54	44	40	40	47	53	50	40	55	55	60	50	27	55	52	55	43	40	41	48	..	50.3
	Minimum	32	46	48	38	27	23	26	40	39	40	48	29	31	24	11	21	23	14	18	19	22	25	18	19	41	35	32	23	23	24	....	28.3
Lancaster	Maximum	69	68	67	74	66	61	54	65	60	60	63	61	50	54	50	53	54	52	52	56	60	59	49	47	65	67	65	46	50	48	..	58.2
	Minimum	52	53	51	57	38	30	32	48	43	31	43	42	31	27	26	22	31	27	22	24	26	36	26	20	31	39	40	31	32	27	....	34.0
Lawrenceville	Maximum	63	66	75	62	50	64	52	61	52	51	57	55	45	45	49	52	50	43	56	63	63	52	34	42	61	60	56	45	45	45	..	53.8
	Minimum	35	52	48	48	37	36	33	44	45	48	50	38	33	37	28	21	40	23	20	23	27	32	28	22	41	38	36	28	28	24	....	34.4
Lebanon	Maximum	64	67	65	73	56	61	57	64	51	60	61	54	49	54	51	53	48	47	53	59	62	56	46	51	65	61	55	49	51	50	..	56.4
	Minimum	54	55	55	58	44	35	36	39	45	34	39	44	35	32	30	25	32	30	24	24	24	28	28	23	34	39	39	32	29	30	....	35.8
Lewistown-2 SW	Maximum	63	63	73	70	59	64	56	63	50	59	58	50	52	54	53	52	51	46	55	60	61	55	40	50	57	59	59	51	51	50	..	56.1
	Minimum	51	51	55	52	43	37	37	38	48	40	41	46	36	36	27	24	26	30	22	21	25	28	27	23	23	30	37	33	31	30	..	34.9
Lock Haven[2]	Maximum	60	68	74	67	58	64	54	56	51	56	55	56	48	50	50	51	56	44	48	58	51	51	38	48	49	51	55	48	48	50	....	53.6
	Minimum	44	49	56	50	38	31	36	45	46	39	46	42	36	33	24	22	41	24	20	24	30	34	28	23	30	40	42	30	37	30	....	35.7
Marcus Hook/	Maximum	68	73	65	78	61	65	59	71	61	64	67	62	55	60	55	52	55	51	54	60	68	70	51	51	64	68	64	57	57	58	....	61.5
	Minimum	57	59	62	61	47	42	47	49	55	43	50	48	36	40	33	35	49	37	37	37	39	44	38	33	34	50	48	47	40	36	....	44.5
Martinsburg[1]	Maximum	55	65	67	64	51	60	55	58	46	53	55	46	45	45	49	49	50	42	52	62	59	52	32	49	58	59	55	49	50	49	....	52.6
	Minimum	49	52	53	45	37	35	37	44	38	37	46	34	31	34	25	24	32	24	24	27	24	27	21	24	40	44	37	28	30	28	....	34.4
Mauch Chunk-1 SW	Maximum	66	64	63	68	50	54	55	58	47	54	56	53	52	49	47	48	47	46	45	55	53	51	33	42	58	61	58	49	45	47	....	§52.2
	Minimum	44	50	54	46	41	35	32	45	42	42	48	42	32	28	30	18	32	30	17	19	24	32	23	19	28	44	36	30	26	24	....	§33.8
Meadville-1 S	Maximum	59	71	75	55	51	61	56	50	45	58	53	45	48	46	54	55	44	45	58	60	64	36	37	57	53	43	44	43	43	55	....	52.1
	Minimum	38	42	48	53	39	26	28	43	42	39	44	39	31	34	23	24	31	18	19	21	27	29	24	20	37	39	35	24	28	26	....	32.4
Mercer[1]-2.5 NE	Maximum	58	74	73	60	51	58	56	54	44	55	54	45	46	45	51	54	50	43	56	58	63	55	31	55	56	47	45	43	42	56	....	52.6
	Minimum	37	53	50	38	33	27	36	42	38	40	40	30	30	30	23	32	26	20	26	31	35	25	22	23	44	38	30	22	27	31	....	32.6
Middletown[1]-1.5 W	Maximum	66	67	66	72	56	62	57	64	52	60	62	54	50	54	50	54	49	47	52	58	61	56	39	50	66	66	58	50	52	50	..	56.5
	Minimum	55	56	58	59	35	35	38	50	41	37	52	40	34	35	30	26	40	26	25	26	30	34	24	26	33	42	40	35	31	30	....	37.1
Midland[6]	Maximum	56	77	74	64	52	60	58	57	50	61	60	52	47	50	52	54	53	43	54	56	63	53	34	60	58	58	49	58	52	55	....	55.7
	Minimum	47	54	49	47	39	38	38	45	43	42	42	32	31	34	29	32	30	27	26	30	33	27	22	26	42	41	35	28	34	30	....	35.5
Montrose-3 E	Maximum	57	56	68	60	47	55	52	58	46	49	54	45	42	40	39	48	46	39	48	55	58	50	32	42	57	59	49	41	38	44	....	49.1
	Minimum	39	41	52	51	34	32	35	42	42	40	40	40	31	33	23	23	29	26	23	25	31	39	23	20	20	40	33	26	26	22	....	33.0
Mt. Pocono[1]-2 N	Maximum	62	56	66	64	44	54	55	59	46	50	57	52	42	45	42	47	46	40	51	58	57	49	30	39	60	58	51	42	39	41	....	50.1
	Minimum	38	49	50	40	33	30	36	41	40	37	40	32	29	29	23	22	31	21	20	30	32	26	20	16	37	46	33	25	19	19	....	31.5
New Bloomfield	Maximum	62	61	72	70	58	62	55	60	53	58	55	49	54	48	52	50	50	52	58	58	58	54	47	45	64	57	58	5	49	45	....	55.4
	Minimum	38	49	50	40	33	30	36	41	40	37	40	32	29	29	23	22	31	21	20	30	32	26	20	16	37	46	33	25	19	19	....	31.5
Newburg[1]-3.5 NW	Maximum	51	54	60	64	48	55	49	55	42	50	50	38	40	44	43	43	43	36	42	46	52	46	28	38	54	52	50	40	44	39	....	47.2
	Minimum	45	48	47	41	34	30	30	40	28	30	42	32	28	32	21	18	30	18	16	22	24	26	18	14	28	32	32	24	22	22	....	29.1
New Castle-1.5 N	Maximum	60	78	76	62	54	63	58	58	47	58	55	48	48	48	53	56	52	44	58	62	65	56	36	57	57	52	49	45	45	58	....	55.3
	Minimum	43	51	44	41	33	30	34	44	43	41	42	30	28	32	26	27	27	20	21	26	28	26	23	26	50	40	31	25	27	27	....	33.0
Palmerton[1]	Maximum	66	62	61	70	52	58	55	63	52	55	59	54	47	50	47	50	48	46	48	54	57	55	35	44	59	62	54	45	48	41	....	53.2
	Minimum	48	53	55	49	43	35	36	46	43	51	38	28	31	25	21	38	24	20	23	23	27	33	25	22	35	40	41	34	28	27	....	35.5
Park Place[1]-1 NW	Maximum	58	56	65	64	46	51	54	58	45	49	55	49	42	46	47	45	48	39	50	54	55	50	31	39	58	58	57	42	43	42	....	49.8
	Minimum	43	47	54	40	34	34	43	42	40	37	44	32	32	30	25	27	30	24	25	32	39	26	19	19	33	47	35	26	25	23	....	33.6
Phila. Arpt.[1]-7 SW	Maximum	64	71	64	74	55	60	57	68	57	60	69	61	51	55	49	55	54	47	52	58	63	60	39	50	65	70	63	50	54	53	....	58.3
	Minimum	57	56	59	55	40	38	39	50	43	36	50	40	33	36	33	26	40	34	33	29	32	39	30	25	39	55	44	38	36	33	....	39.9
Philadelphia C.O.[1]	Maximum	64	70	62	74	57	60	57	68	56	62	67	60	52	54	52	56	54	49	52	58	64	60	41	48	64	69	65	50	54	53	....	58.4
	Minimum	58	58	59	57	47	44	47	52	49	47	53	44	40	41	37	35	47	36	37	41	44	41	32	33	46	56	49	41	38	36	....	44.8
Phila. Shawmont	Maximum	71	70	63	73	66	59	57	67	61	60	67	65	52	54	50	56	55	52	53	59	60	60	50	49	64	70	68	53	54	53	....	59.7
	Minimum	55	57	60	60	43	34	36	51	42	36	46	47	29	31	29	24	51	33	28	28	31	40	30	24	40	49	43	40	33	29	....	39.3
Philip-burg[1]-7 E	Maximum	54	62	66	59	49	57	53	54	42	50	54	42	43	43	47	46	50	39	48	56	54	50	27	44	56	57	45	47	45	45	....	49.5
	Minimum	38	48	51	40	34	31	29	41	38	36	43	30	30	31	19	28	27	19	29	21	22	25	17	15	37	40	35	25	20	21	....	30.7
Phoenixville-1.5 SE	Maximum	68	69	64	73	68	62	57	68	60	62	65	64	53	55	52	57	54	53	54	60	62	60	52	50	65	69	67	52	56	53	....	60.1
	Minimum	54	55	54	60	44	29	33	47	40	41	44	46	26	28	23	19	33	30	22	22	24	24	24	21	33	44	43	35	32	26	....	35.2
Pittsburgh Arpt.[1]-7.5 SE	Maximum	58	77	79	64	54	63	58	59	46	63	60	45	46	48	51	57	52	42	68	62	67	56	36	60	58	59	48	48	48	63	....	56.3
	Minimum	49	57	54	44	38	36	43	43	41	41	42	35	32	35	33	37	33	26	32	36	38	25	21	28	52	41	36	26	34	32	....	37.2
Pittsburgh City Office[1]	Maximum	60	78	78	66	55	62	61	59	50	65	61	47	50	51	52	58	58	44	62	68	57	58	36	60	58	59	48	48	48	63	....	57.7
	Minimum	51	60	52	47	41	38	43	46	46	45	46	39	36	38	34	35	33	29	31	34	33	29	24	34	56	43	38	31	37	35	..	39.5
Port Clinton/	Maximum	63	63	64	73	52	57	55	63	53	56	62	54	46	52	47	55	52	46	47	53	57	57	36	51	59	62	53	49	50	46	..	54.4
	Minimum	50	50	53	57	42	32	32	38	47	35	38	45	31	28	27	20	34	30	19	22	25	27	29	20	32	41	40	34	28	25	....	34.4
Putneyville-2.5 SE	Maximum	74	76	73	70	52	58	54	58	45	56	57	49	45	45	49	58	54	43	58	58	65	55	34	58	55	57	57	44	45	58	....	55.3
	Minimum	52	46	42	47	35	25	29	41	39	35	45	35	23	30	22	25	33	18	23	23	25	30	19	18	41	45	34	22	35	22	....	32.0
Quakertown-0.5 E	Maximum	67	64	63	69	61	56	56	64	66	69	62	56	49	53	46	52	54	51	49	55	58	57	47	45	63	63	66	49	52	48	....	57.0
	Minimum	52	55	56	57	41	33	34	48	35	38	48	45	26	29	29	19	34	30	22	21	24	36	29	20	36	44	38	35	32	25	....	35.7
Reading[1]	Maximum	63	68	66	73	56	60	56	65	53	60	63	56	50	54	51	54	51	49	52	58	61	60	38	47	66	67	61	48	52	51	....	57.0
	Minimum	57	57	60	54	44	41	41	50	46	40	53	40	37	37	33	27	42	30	27	29	32	37	30	27	46	49	44	36	35	32	....	40.4
Ridgway/	Maximum	59	77	73	59	55	62	56	55	45	54	57	47	44	45	58	58	52	46	59	58	65	43	30	58	55	57	48	45	45	42	....	53.4
	Minimum	36	36	42	42	28	21	23	31	39	34	39	38	32	32	20	19	21	14	12	14	16	25	20	15	22	46	35	23	21	21	....	27.2
Scranton[1]	Maximum	61	62	72	64	48	58	53	61	51	55	60	54	45	45	54	49	43	51	56	63	54	35	46	62	64	52	43	43	44	47	....	53.2
	Minimum	45	57	55	48	39	39	37	47	46	46	52	37	37	36	29	25	37	30	26	27	31	35	28	26	45	46	41	33	29	28	..	37.9
Selinsgrove	Maximum	62	64	75	70	59	62	54	62	53	56	58	57	49	55	48	51	50	50	49	53	60	54	40	46	62	58	58	49	52	45	....	55.4
	Minimum	44	50	49	52	37	41	32	45	45	33	48	38	30	26	24	19	40	26	17	21	24	33	26	18	34	38	31	29	29	25	....	33.5
Somerset	Maximum	55	72	70	61	50	62	59	55	42	57	58	50	43	42	55	56	51	45	62	61	62	52	32	60	56	66	57	52	47	61	..	55.0
	Minimum	46	46	44	44	35	27	27	42	39	29	45	35	26	32	22	20	37	21	15	20	18	31	17	17	39	33	36	23	28	22	....	30.5
Springs[6]-1 SW	Maximum	55	67	65	60	47	61	59	59	42	55	61	45	42	46	51	52	50	40	52	59	58	51	30	57	57	65	53	48	48	66	....	53.4
	Minimum	45	40	45	44	34	26	32	40	33	29	40	32	29	32	22	23	33	18	18	26	26	29	16	20	31	35	35	24	25	25	....	30.2
State College[1]	Maximum	57	63	69	65	53	59	53	57	46	53	55	45	45	46	42	49	48	40	50	59	58	52	32	47	58	58	50	48	49	47	....	51.8
	Minimum	48	54	56	45	38	35	41	45	44	39	45	37	36	37	29	26	33	26	23	27	29	29	23	26	45	47	40	30	32	29	....	36.5
Stroudsburg-2 E	Maximum	69	65	65	72	60	63	58	65	63	57	58	61	53	52	50	47	49	49	53	54	60	57	51	45	61	61	65	56	48	49	....	57.2
	Minimum	46	53	59	57	43	30	38	48	39	51	53	44	30	29	26	18	32	29	19	20	25	36	28	19	34	38	33	30	28	30	....	35.5
Tamarack/-2 S	Maximum	54	65	66	56	50	59	50	55	42	47	51	45	40	39	46	42	46	38	51	60	55	47	26	46	54	54	48	45	43	47	....	48.9
	Minimum	41	41	47	52	33	31	31	43	38	35	37	37	32	32	24	24	29	21	21	26	34	42	20	19	22	46	35	24	24	26	....	32.2
Tionesta/-1.5 SE	Maximum	58	77	72	59	50	58	58	52	52	45	52	45	43	44	52	55	55	40	42	56	61	40	31	55	57	52	42	40	41	54	....	51.3
	Minimum	41	40	45	45	34	29	30	37	42	42	43	39	29	34	25	24	25	18	20	22	27	28	21	23	50	40	35	25	34	30	....	32.6
Titusville-2 S	Maximum	56	74	72	61	52	59	58	55	43	52	52	46	44	41	51	53	53	43	56	59	63	56	29	57	58	49	41	41	39	52	....	52.1
	Minimum	34	48	51	48	37	28	29	42	40	37	44	36	28	36	19	32	35	17	24	28	26	29	22	19	47	39	33	22	33	24	....	32.9
Towanda-1 E	Maximum	59	66	75	67	51	62	51	63	54	54	60	57	45	48	54	49	43	55	57	60	55	35	46	61	59	56	47	46	46	46	....	54.2
	Minimum	36	51	51	46	37	35	32	42	43	43	51	40	29	38	26	21	40	25	21	22	27	33	28	22	42	42	28	31	28	23	....	34.5
Tunkhannock/	Maximum	55	62	73	65	47	60	59	64	53	55	60	52	52	46	45	46	55	44	56	55	63	60	40	54	65	61	62	63	50	44	....	55.3
	Minimum	31	50	51	37	30	30	35	46	43	46	45	29	29	31	37	30	18	17	22	29	28	20	30	31	11	41	29	29	35	22	....	33.1
Uniontown	Maximum	63	78	83	68	55	59	61	63	59	72	66	51	50	54	55	60	59	50	59	62	74	60	39	64	60	67	58	55	51	65	....	60.7
	Minimum	52	54	59	54	33	30	36	47	44	38	51	40	33	35	28	30	40	25	28	29	29	36	20	25	53	46	41	26	33	30	....	37.5

Continued on page 88.

Daily Temperatures for November 1946—Continued from page 87.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum..	58	79	81	66	57	60	58	61	50	63	61	49	49	51	56	58	53	45	57	52	72	58	37	62	60	58	50	49	48	62	....	57.3
	Minimum.	48	50	46	48	38	31	34	42	44	42	46	31	28	37	28	26	29	21	23	22	35	31	24	23	50	42	40	28	28	28	....	34.8
Warren	Maximum..	62	74	76	57	54	63	53	57	55	55	55	47	43	46	64	57	57	45	61	61	66	53	31	60	56	50	45	40	50	52	....	54.8
	Minimum..	39	50	50	45	34	29	31	43	41	40	46	34	34	36	24	26	26	20	25	29	30	29	24	25	49	39	35	25	36	25	....	34.0
Waynesburg	Maximum..	64	78	82	70	55	65	56	60	47	68	62	50	49	53	56	56	55	47	64	64	69	56	37	62	59	64	50	52	49	64	....	58.8
	Minimum..	50	55	44	52	32	27	34	44	42	34	48	37	28	28	24	24	36	22	19	25	23	34	19	22	55	48	38	22	31	27	....	34.1
Wellsboro/	Maximum..	62	65	73	62	51	64	51	56	46	52	54	50	42	42	49	50	48	42	55	63	61	52	32	44	60	57	51	46	44	48	..	52.5
	Minimum..	33	35	52	49	35	35	31	35	44	40	41	42	33	37	20	19	20	23	19	20	20	23	27	20	25	43	38	25	27	21	....	31.1
Wellsville	Maximum..	68	68	66	73	62	62	57	64	54	58	62	59	49	54	49	52	49	49	52	58	60	57	44	50	65	60	64	51	52	47	....	57.2
	Minimum..	54	55	55	51	44	28	32	49	48	32	47	44	26	25	24	20	32	30	18	22	23	36	24	18	27	36	36	36	28	24	....	34.1
West Chester	Maximum..	67	69	63	73	62	60	55	57	56	61	63	61	50	53	49	55	53	51	52	57	63	59	43	48	62	67	65	49	52	53	....	57.9
	Minimum..	54	56	57	59	42	36	40	50	43	37	49	44	30	33	30	27	41	32	31	30	30	42	27	25	39	52	43	35	37	30	..	39.4
Wilkes-Barre[1] Apt. 3N.	Maximum..	63	62	73	69	51	63	52	62	52	55	60	54	47	49	47	53	49	14	52	58	62	55	36	46	64	64	58	47	45	47	....	54.6
	Minimum..	43	55	53	49	38	37	36	45	47	46	52	37	31	38	25	22	36	25	21	24	26	32	26	21	37	40	35	33	26	27	....	35.4
Williamsport Arpt.[1] 4 E	Maximum..	60	62	71	66	53	61	53	56	50	55	56	52	46	47	49	49	46	46	48	51	58	54	36	45	52	56	55	45	47	44	....	52.3
	Minimum..	44	55	55	46	38	37	35	47	47	43	51	36	35	33	27	24	35	26	20	25	28	34	24	22	35	40	37	30	29	28	..	35.5
Williamstown	Maximum..	65	68	71	70	61	60	56	63	64	52	57	57	48	50	50	52	50	47	54	57	61	55	42	46	65	61	62	49	49	46	..	56.1
	Minimum..	48	53	56	58	41	40	32	48	46	32	50	43	36	28	33	20	40	30	17	21	25	38	26	20	35	43	32	32	28	25	..	35.9
York-3 SW	Maximum..	69	72	67	76	65	63	60	68	60	62	65	64	52	54	53	56	50	51	55	61	67	60	47	55	70	67	66	51	53	54	..	60.4
	Minimum..	54	55	50	58	45	30	33	50	46	34	51	42	27	28	23	22	41	30	22	23	25	41	26	21	37	40	37	31	32	26	...	36.0

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**			Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.	
Erie	30.71	18	29.56	8	9.7	26	sw.	22	80	70	77	29	524
Harrisburg	30.67	18	29.62	8	7.3	29	w.	22	77	54	65	61	533
Philadelphia	30.62	18	29.61	8	7.6	19	nw.	8	81	56	70	63	406
Philipsburg	30.68	18	29.66	8	.....	36	w.	22	84	62	76	.....	750
Pittsburgh	30.66	18	29.67	7	9.9	32	sw.	22	80	59	64	37	550
Reading	30.66	18	29.62	8	10.2	34	w.	22	73	.....	.....	51	486
Scranton	30.67	18	29.57	8	6.7	26	sw.	22	83	51†	....	46	583

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. $ Also other dates. ' One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.4	2.9	13†	2.0	18	18
Easton	Delaware	1.6	2.0	1	1.0	26	22
Lehighton	Lehigh	3.0	3.4	1	2.8	26	9
Reading	Schuylkill	3.9	4.5	1	3.6	30	13
Wilkes-Barre	N. Br. Susquehanna	3.3	4.4	2	2.8	25	22
Williamsport	W. Br. Susquehanna	1.9	3.8	1	1.2	26	20
Newport	Juniata	3.9	4.9	1	3.5	27	22
Harrisburg	Susquehanna	3.8	4.6	1	3.5	27	17
Schenley, (nr) Lock No. 5	Allegheny	12.4	13.9	29	11.9	12	24
Sutersville	Youghiogheny	3.1	3.6	28	2.8	7	20
Charleroi (nr.), Lock No. 4	Monongahela	11.0	12.0	30	10.7	11†	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS
(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																					1										
Fog, heavy	4			14	12			6	5	13				7				10			7			3	8	25	8			16	
Frost, killing								9				1				7		11	1	4			1								
Glaze																															
Hail																															
Rain, heavy																															
Sleet															1																
Snow, heavy																															
Thunderstorms																															
Winds, high	4		3			6	11			17	7	3	6	8	4	4						25	13	5	4	10	5	3	3	3	

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
a, b, c, etc. Number of days missing, for example, " indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.

(W. B. O., Philadelphia—1-9-47—975)

5105
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LI. DECEMBER 1946. No. 12.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

This was the fourth warm month in a row, and for the beginning of winter, was pleasant enough, having been also relatively dry and sunny over most of the State. Even in the northwest portion, where more normal conditions prevailed, there was some excess of temperature.

Real wintry weather was in evidence, however, during the first few days of the month. Maxima in the 50's on the first were quickly wiped out when an extensive cold front rapidly passed over the State, dropping temperatures as much as 40° and bringing in minima in some cases of record proportions on the 2d and 3d. Blustery winds accentuated the discomfort. Slush ice formed in the rivers at that time, while the west channel of the Susquehanna at Harrisburg was frozen over, a rare occurrence for so early in the season. But with the subsequent passage of the high pressure area back of the cold front, southerly winds brought up a spell of warm weather which persisted for more than a week. Some notable maxima were recorded during this period, principally on the 9th and 10th, when temperatures in the 60's were general and temperatures in the 70's no exception in the southeast portion. A cold front passage on the 14th brought temperatures down again for four or five days, but the minima were not unseasonable. The remainder of the month was warmer, and temperatures on the 28th were almost as spring-like as on the 9th and 10th.

The precipitation record varied about the State. In some parts of the northwest portion it was above normal, but on the whole it was but 75% of the normal. The number of days with precipitation also varied with locality, having been greatest in the northwest. Snowfall was 75% of the 57-year average, in decided contrast to conditions last year when 16.6 inches fell.

There were four main precipitation periods, centered mainly around the first, the 10th to 13th, the 20th-21st, and the 28th-29th. These were all associated with frontal systems. Rain on the 10th was responsible for putting out two forest fires at Lick Hollow in the vicinity of Uniontown. The storm of the 20th, which brought most of the snowfall of the month, was mainly a coastal low which developed a secondary depression and wave that spread northward from the south Atlantic coast. Sleet and freezing rain following the snow, made driving conditions particularly hazardous, but enough snow was left to assure a white Christmas for most of the State except the southeast portion. Driving was a dangerous undertaking around the 29th, owing to sleet and glaze. Thunderstorms occurred on the 29th west of the Allegheny Mountains.

Besides the windiness of the 2d, high winds occurred generally on the 12th and 13th, and during the last week of the month. Severe damage to the Pennsylvania State Park Peninsula was reported, the latter having been cut in two by huge waves from Lake Erie on the 12th and 13th.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 86 stations was 33.5°, which is 2.3° above the 59-year normal for December. The highest monthly mean was 40.4° at Marcus Hook, and the lowest was 26.7° at Eagles Mere.. Extremes ranged from a maximum of 75° at Lewistown on the 9th, to a minimum of −4° at Coudersport on the 3d.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 213 stations, was 2.32 inches, which is 0.76 inch below the 59-year normal for December. The greatest monthly amount was 4.75 inches at Bradford, while the least was 1.16 inches at Orwell. The greatest amount recorded in any 24 consecutive hours was 2.15 inches at Philadelphia City Office on the 20-21st.

The average snowfall for the State was 6.0 inches, which is 2.0 inches below the 59-year normal. The greatest monthly snowfall was 22.3 inches at Bradford The greatest fall for any observational day was 9.5 inches at State College on the 20th.

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	32.5	62	−10	3.14	5.2	9	8	8	15
1889	39.6	73	0	2.77	0.9	12	11	9	11
1890	27.2	59	−11	3.97	29.4	12	7	8	16
1891	38.4	68	−3	4.09	0.3	10	12	8	11
1892	27.8	70	−13	1.69	5.7	9	7	9	15
1893	32.2	70	−7	3.06	9.4	12	6	11	14
1894	32.4	66	−28	3.95	11.9	10	10	9	12
1895	34.2	70	−10	3.22	2.3	7	10	9	12
1896	30.6	67	−13	1.26	5.4	6	10	9	12
1897	33.0	73	−6	3.95	9.6	12	6	8	17
1898	29.8	68	−11	2.98	8.7	10	10	8	13
1899	31.5	73	−11	3.04	4.4	10	10	10	11
1900	31.2	65	−2	2.08	3.9	7	8	9	14
1901	29.1	77	−18	5.91	7.6	11	7	9	15
1902	28.4	68	−12	5.54	17.3	14	7	7	17
1903	25.4	60	−14	2.66	13.2	9	8	9	14
1904	25.8	71	−19	2.48	14.4	11	7	7	17
1905	33.6	65	−5	3.57	2.2	8	10	7	14
1906	30.8	67	−14	3.97	7.6	14	5	5	21
1907	33.2	68	−8	4.30	9.8	12	7	8	16
1908	32.0	74	−2	2.86	9.4	10	9	8	14
1909	27.0	71	−10	3.39	12.7	8	9	8	14
1910	24.4	68	−14	2.65	16.0	12	8	6	17
1911	36.3	70	5	3.27	5.4	13	7	5	19
1912	34.4	74	−8	3.27	8.1	9	9	7	15
1913	34.2	66	−7	2.63	7.2	8	9	7	15
1914	27.3	69	−28	4.63	13.0	14	8	5	18
1915	29.4	70	−7	4.06	13.7	12	6	8	17
1916	29.7	73	−12	3.07	10.5	12	11	9	11
1917	21.5	52	−28	1.78	15.0	8	10	8	13
1918	36.6	72	−1	3.38	3.0	11	9	7	15
1919	25.3	66	−23	2.61	9.4	11	9	8	14
1920	33.4	68	−7	3.28	3.8	10	7	9	15
1921	31.6	66	−11	2.59	7.2	10	8	8	15
1922	31.5	69	−9	2.75	7.1	10	10	8	13
1923	39.6	71	1	4.99	2.4	14	9	7	15
1924	29.8	69	−23	2.13	3.6	11	7	7	17
1925	30.7	62	−15	1.72	3.8	10	8	7	16
1926	27.3	62	−20	2.58	10.0	12	8	7	16
1927	32.7	73	−6	4.41	4.5	13	9	6	16
1928	34.4	68	−2	1.16	0.9	6	13	7	11
1929	32.2	70	−9	2.77	10.0	12	7	6	18
1930	30.0	59	−15	2.29	6.8	10	6	7	18
1931	38.1	70	−1	2.85	1.1	11	10	6	15
1932	33.3	72	−14	2.19	7.4	12	10	6	15
1933	31.7	74	−22	2.88	8.7	12	9	7	15
1934	30.7	73	−10	2.55	3.0	10	9	8	14
1935	26.3	60	−19	2.62	13.5	16	5	7	19
1936	34.5	74	−11	4.19	6.3	11	11	6	14
1937	29.7	66	−14	2.45	5.7	10	10	5	16
1938	32.2	64	−5	2.56	4.7	11	8	7	16
1939	33.9	68	−8	2.24	6.0	11	7	6	18
1940	35.9	68	−9	3.08	3.1	12	7	7	17
1941	35.6	76	−8	3.10	2.0	10	6	8	17
1942	27.4	62	−25	5.05	11.5	14	6	7	18
1943	28.4	63	−23	1.12	2.1	5	11	9	11
1944	26.3	60	−26	3.79	22.6	13	7	7	17
1945	25.6	62	−22	2.73	16.6	13	6	7	18
1946	33.5	75	−4	2.32	6.0	10	7	9	15
Period	31.2	77	−28	3.08	8.0	11	8	8	15

Climatological Data for December 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	5	33.9	+1.2	70	10	12	2	2.47	−0.83	1.75	20-21	3.8	10	6	12	13	nw.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,509	60	33.0	+3.3	68	10	9	27	2.52	−0.26	0.91	12-13	7.8	8	12	9	10	w.	City of Altoona.
Burnt Cabins-2 NE.	Fulton	990	4	32.8	.....	68	9	8	3	1.88§	.....	0.57	21	6.0	8	11	5	15	w.	Penna. Turnpike Comm.
Canton-1 NW.	Bradford	1,450	6	29.6	.....	63	9	3	2	1.72§	....	0.95	20-21	9.0	8	..	..	..	.....	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	77	37.2	+5.5	71	10	16	2	2.23	−0.69	1.47	20-21	4.0	7	18	5	8	sw.	Clarence E. Miller.
Chambersburg-1 SW.	Franklin	600	50	34.8	+1.7	68	28	12	3	2.57	−0.15	1.60	20	4.5	6	11	12	8	sw.	Charles A. Bender.
Coatesville	Chester	431	58	35.8	+3.0	70	10	13	27	2.48	−1.28	1.40	20-21	1.0	7	12	7	12	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	3	28.4	.....	60	9	2	19	2.79	.....	0.68	12-13	10.2	16	3	7	21	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	4	26.7	.....	57	9	0	2†	2.05	−1.78	0.88	20-21	5.3	6	5	12	14	sw.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	8	32.1	.....	65	9	7	2	2.17	−0.68	1.41	20-21	6.1	8	4	10	17	w.	U. S. Weather Bureau.
Emporium 1 E.	Cameron	1,100	59	29.4	+0.1	66	10	1	3	2.35	−0.87	0.48	29	6.2	10	4	11	16	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	48	36.2	+3.5	70	10	15	2†	2.39	−0.70	1.10	21	2.0	7	15	4	12	n.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	23	34.4	+4.8	70	9	11	3	1.81§	−1.01	0.90	20-21	5.5	9	5	10	16	n.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	52	30.6	+3.4	63	10	2	2	1.98	−1.51	0.90	20-21	4.0	9	6	6	19	n.	Andrew B. Evansha.
George School	Bucks	184	39	33.4	+2.0	71	10	11	3	2.54	−0.69	1.87	20-21	1.0	7	11	14	6	nw.	George M. Hart.
Gettysburg	Adams	500	72	38.8	+6.1	72	10	10	27	2.09	−1.06	1.21	20-21	3.0	7	14	9	8	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	41	31.6	+2.2	66	10	7	27	2.08	−1.67	1.40	20-21	2.0	6	13	6	12	w.	Miss Sallie M. Johnson.
Hanover	York	600	41	37.5	+3.0	72	10	15	3	2.09	−0.93	1.25	20-21	1.5	7	9	10	12	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	76	36.4	+3.7	71	10	16	2	1.99	−1.03	1.38	20-21	2.7	5	5	11	15	nw.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	35	30.8	+2.6	64	10	2	27	2.10	−0.78	1.08	20-21	7.2	8	14	10	7	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	30	36.8	+2.3	68	9	20	2†	2.06	−0.43	1.46	20-21	3.0	7	14	6	11	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	58	34.3	+2.8	70	9	9	27	1.90	−0.99	0.80	20-21	5.5	8	3	7	21	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	58	34.9	+1.9	67	10	13	3	2.52	−0.59	1.63	20-21	1.5	6	15	7	9	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	48	32.2	+4.1	65	9	4	3†	1.30	−0.63	0.61	20-21	8.5	8	8	4	19	.....	Carlos P. Darling.
Lebanon	Lebanon	469	61	34.6	+2.6	70	10	13	2†	2.56	−0.77	1.45	20-21	2.5	7	17	6	8	w.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	7	34.6	.....	75	9	11	3	1.79	.....	1.00	20-21	6.0	7	5	13	13	w.	American Viscose Co.
Lock Haven	Clinton	557	54	33.5	+2.6	66	9	10	3	2.05	0.84	1.11	20-21	6.0	9	10	10	11	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	40.4	+1.5	66	10	18	2†	2.39	−0.52	1.42	20-21	0.2	7	7	11	13	nw.	Sun Oil Co.
Martinsburg	Blair	1,493	3	33.2	.....	66	9	9	27	1.63	...	0.76	20-21	5.0	9	3	7	21	w.	U. S. Weather Bureau
Montrose-3 E.	Susquehanna	1,176	40	28.2§	+2.0	56	9§	2	27	2.29	−0.28	0.91	20-21	11.3	12	5	8	18	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	4	28.3	+2.7	65	10	0	27	2.75	−0.86	1.77	20-21	8.0	10	2	13	16	w.	U. S. Weather Bureau.
Palmerton	Carbon	455	27	32.7	+1.3	68	10	10	2	2.38§	−0.27	1.02	20	3.8	6	3	13	15	sw.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	75	39.9	+3.6	66	10	16	2	2.76	−0.67	2.15	20-21	T.	5	6	12	13	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	3	29.6	.....	62	10	−2	27	2.34	....	1.19	20-21	10.1	12	4	6	21	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	36	36.6	+2.9	74	10	13	3	2.49	−0.68	1.40	20-21	1.4	4	...	...	...	...	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	7	32.9	+1.1	67	10	12	2†	2.29	−1.32	1.10	20-21	3.5	7	22	3	6	n.	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	60	35.2	+4.0	65	10	12	2†	2.60	−0.77	1.38	20-21	3.0	8	11	13	7	w.	John E. Benner.
Reading	Berks	273	75	37.2	+3.0	71	10	14	2	2.42	−1.14	1.67	20-21	1.9	5	6	9	16	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	51	33.2	+2.5	64	10	10	2	1.46	−1.56	0.90	20-21	4.7	7	3	13	15	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	55	34.2	+2.6	64	9†	12	3	2.18	−0.86	1.48	20-21	3.8	7	12	11	8	sw.	Dr. Merle V. Hoover
State College	Centre	1,217	60	33.6	+3.7	64	9	11	2†	1.78	−0.87	0.84	20	9.9	9	7	9	15	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	449	26	34.0§	+3.8	70	10	9	31	2.43	−0.88	1.78	20-21	3.5	7	4	13	14	w.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	5	28.2	.....	61	9	2	2†	2.06	.....	0.84	20-21	9.2	9	5	11	15	w.	James E. Swartz.
Towanda-1 E.	Bradford	754	51	32.6	+3.7	64	9	5	27	1.43	−0.78	0.89	20-21	7.8	11	6	14	11	nw.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	75	29.8	+2.1	64	9	2	3	1.12	−0.97	0.81	20-21	8.1	9	7	7	17	w.	M. S. Bliss.
West Chester	Chester	440	96	37.4	+4.1	71	10	14	2	2.43	−1.36	1.36	20-21	1.0	7	14	10	7	nw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	7	32.6	..	66	10	11	2†	1.83	.....	1.05	20-21	5.2	9	2	12	17	s.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	1	31.7	.....	62	10	11	2†	1.89	...	1.09	20-21	5.5	9	3	13	15	sw.	U. S. Weather Bureau.
Wilhamstown	Dauphin	775	29	34.2	+3.0	67	10	9	27	1.79	−1.19	1.13	20-21	3.0	6	6	10	15	.....	Gordon E. Lower.
York-3 SW.	York	390	57	36.9	+3.6	70	10	12	3	2.45	−0.43	0.98	20-21	4.0	6	10	10	11	w.	York Water Co.
Division mean			.....	**33.6**	.....	**75**	**9**	**−2**	**27**	**2.16**	.....	**2.15**	**20-21**	**4.8**	**8**	**8**	**10**	**13**	w.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	10	32.0	.....	62	10	6	2†	2.69	−0.50	0.81	12-13	11.9	11	3	3	25	w.	U. S. Weather Bureau.
Bradford 4 W.	McKean	1,680	28	29.0	+0.8	57	9	0	27	4.75	+1.74	0.75	27-28	22.3	23	3	3	25	nw.	City Water Dept.
Brookville Apt.-1.5 SW.	Jefferson	1,400	55	31.6	+3.7	59	9†	5	19	2.42	−0.67	0.61	12-13	8.0	14	2	7	22	w.	Civil Aeronautics Authority
Butler	Butler	1,077	32	35.1	+3.9	63	10†	12	2†	2.14	−0.58	0.58	12	4.5	11	11	3	17	sw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	35	32.4	.....	62	10	4	19†	2.89	−0.49	0.52	12-13	6.2	13	6	6	19	w.	Penna. Electric Co.
Claysville	Washington	1,176	42	34.1	+1.7	64	9	7	19	2.25	−0.65	0.66	29	4.8	8	9	3	19	w.	Walter B. Paget.
Corry	Erie	1,410	31	31.6	+3.2	57	7†	3	16	3.71	+0.23	0.90	9-10	18.8	18	3	15	13	sw.	J. Fred Kinley.
Coudersport	Potter	1,653	21	29.2	+2.9	61	9	−4	3	2.53	−0.18	0.64	12	14.9	15	2	9	20	sw.	Potter Enterprise.
Derry	Westmoreland	1,150	48	37.2	+5.0	65	9†	9	3	2.82	−0.40	0.65	20	3.0	9	8	8	15	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	2	31.4	.....	61	9†	−1	3	3.10	.....	0.65	12	6.2	12	4	20	7	w.	Penna. Turnpike Comm.
Donora	Washington	761	19	39.0	+3.3	67	9	15	19	2.25	−0.27	0.61	29	1.1	9	7	9	15	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	28	31.1§	+2.7	62	10	7	2†	2.78§	−0.24	0.95	11-12	8.9	13	5	9	17	w.	John L. McGough.
Farrell	Mercer	855	32	35.2	+4.2	62	7†	13	19	2.33	−0.06	0.98	12	5.0	9	17	6	8	sw.	Sharon Steel Corporation
Ford City-4 S.	Armstrong	950	2	33.0	.....	63	10	10	2†	2.38	.....	0.56	11-12	4.7	10	9	5	17	w.	U.S. Engineers.
Franklin	Venango	987	71	32.5	+3.1	61	9	9	27	2.27	−0.92	0.54	12	6.5	15	9	6	16	w.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	36	36.2	+3.4	65	9†	3	3	2.76	−0.40	0.65	11-12	5.5	10	10	2	19	sw.	Westmoreland Water Co.
Indiana-2.5 SE.	Indiana	1,102	44	34.8	+4.0	65	10	6	3†	2.40	−0.90	0.66	11-12	3.0	8	5	15	11	w.	Clymer Water Service Co.
Jamestown-2 NW.	Mercer	1,050	4	32.7	.....	64	12	9	20	2.06	−0.20	0.51	10	.....	12	...	...	...	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	63	35.7	+3.4	67	9	12	3	3.21	−0.39	0.95	20-21	8.3	13	9	9	13	s.	Johnstown Tribune Pub. Co
Kane-1 N.	McKean	1,750	30	27.8	.....	57	10	−1	16	2.93	−0.41	0.74	12	15.2	17	7	2	22	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	51	31.6	+2.6	59	7†	8	16†	2.60	−0.46	0.82	9-10	9.4	15	3	6	22	sw.	City of Meadville.
Midland	Beaver	780	9	35.4	+2.2	62	9	11	19	2.08	−0.34	0.57	11-12	3.7	12	9	6	16	nw.	Perry P. Campbell.
New Castle-1.5 N.	Lawrence	900	65	33.8	+2.9	61	7†	10	2†	2.14	−0.47	0.67	12	4.8	12	8	12	11	nw.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	12	36.2	+4.2	64	9†	12	19	2.45	−0.41	0.77	20-21	5.3	10	6	5	20	w.	U. S. Weather Bureau.
Putneyville-2.5 SE.	Armstrong	1,270	2	33.0	.....	67	13	5	19	2.55	.....	0.59	20	7.0	10	1	11	19	e.	U.S. Engineers.
Ridgway	Elk	1,385	38	28.6	+0.9	61	10	0	16†	2.60	−0.13	0.44	20	6.0	13	7	6	18	s.	West Penn Power Co.
Somerset	Somerset	2,100	74	32.8	+3.9	63	9†	−2	3	2.57	−1.14	0.70	20	6.9	12	4	4	23	sw.	D. L. Grove.
Springs-1 SW.	Somerset	2,500	26	33.0	+3.8	61	9	−2	3	2.63	−0.61	0.90	20	7.8	12	7	4	20	w.	Allen E. Yoder.
Tionesta-1.5 SE.	Forest	1,200	8	30.3	.....	59	9†	5	19†	2.77	−0.33	0.42	12-13	7.6	14	6	4	21	nw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	2	31.0	.....	57	9†	7	16	2.86	.....	0.68	12	13.5	21	0	18	13	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	57	39.3	+4.4	67	9	9	3	2.27	−1.04	0.86	11-12	2.0	10	7	13	11	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	31	35.9	+2.6	65	9	10	3	2.15	−0.63	0.74	12	4.0	7	8	19	4	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	57	32.0	+3.5	60	9	7	16	2.35	−0.80	0.42	10	13.1	14	7	10	14	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	16	37.0	+2.3	65	9	8	3	2.92	+0.08	1.32	12-13	2.5	7	4	13	14	w.	Thomas S Knox.
Division mean			.....	**33.3**	.....	**67**	**9†**	**−4**	**3**	**2.63**	.....	**1.32**	**12-13**	**7.7**	**12**	**6**	**8**	**17**	w.	
Lake Drainage																				
Albion	Erie	900	2	30.8	.....	61	9	11	18†	3.27§	.....	0.51	10	....	16	7	18	6	n.	Albion High School
Erie	Erie	705	72	35.8	+3.9	63	12	16	2	3.16	+0.33	0.81	10	14.3	15	2	4	25	sw.	U. S. Weather Bureau.
State mean			.....	**33.5**	**+2.3**	**75**	**9**	**−4**	**3**	**2.32**	**−0.76**	**2.15**	**20-21**	**6.0**	**10**	**7**	**9**	**15**	w.	

[See page 96 for explanation of reference marks.]

Daily Precipitation for December 1946

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike												.02	.18							1.20	.27						.06		.46		2.19
Equinunk[2]	Wayne		T.								.08	.02	.25				.03	.03			.99	.20	T.				.02	.28		.45		2.30
Hawley[2], 0.5 E	Wayne		.01								T.	.04	.20				T.	T.		T.	1.08	.24	T.			T.	.03	.12		.38		2.10
Hollisterville[2]	Wayne		.05								T.		.19				.01	T.			1.03	.09	T.			T.		.05		.39	T.	1.81
Lakeville[2], 1 N	Wayne	T.	.01	T.					T.		T.	T.	.21				.02		T.	T.	1.21	.02						*	*	.52		1.99
Matamoras[2]	Pike												.28								.90	.46						.12		.56		2.32
Milanville[2]	Wayne		T.									T.	.40					.03			1.00	.24						.21		.47		2.35
Mount Pocono[1, 2] N	Monroe	.01	.02								T.		.36	.03		T.	T.	.01	T.	T.	1.15	.66	T.	T.		T.	.04	T.	.05	.42	T.	T.	2.75
Pecks Pond[2]	Pike		T.										.01	.44			T.	T.		T.		1.26	.09				T.		.08		.43		2.31
Pleasant Mount[1, 5], 1 W	Wayne										.07		.34				.06				.60	.50	.03					.15	.22	.46			2.43
Stroudsburg, 2 E	Monroe											T.	.13	.02			T.	T.			*	1.78							.07	.37	.06		2.43
Tanners Falls[1, 5], 1 SE	Wayne												.40	.08			.07				.75	.60						.11	.22	.42			2.65
Wind Gap[1, 5], 3 SW	N'rthampton																																.....
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh	T.	T.										.27	.01			T.	T.			1.05	.70				T.		T.	T.	.44			2.47
Allentown[2]	Lehigh												.07	.19			T.	T.	T.			1.25	.39						.10	T.	.54		2.54
Bethlehem[1]	N'rthampton	T.											.24	.01		T.	T.	T.			.94	.57							.08	.40			2.24
Blakeslee Corners[1, 5]	Monroe	.02											.34	.10							.42	.60							.03	.29	.01		1.84
Gouldsboro[2]	Wayne		.04									.03	.02	.27			T.	.03				1.10	.20						.10		.30		2.09
Lansford[2]	Carbon		T.										.10	.30								1.14	.17						.07	*	.36		2.14
Mauch Chunk, 1 SW	Carbon												.05	.30				T.			.22	1.51						.04	.20	.06		§2.38
New Tripoli	Lehigh		.01										.24	.11				T.			.35	1.38						.10	.34	.02		2.55
Palmerton[1, 5]	Carbon	T.											.31	.01			T.				1.02	.74						T.	.06	.24			§2.38
Zionsville, 1 SW	Lehigh												.15	.10							*	1.70							.15	.40			2.50
SCHUYLKILL																																	
Conshohocken	Montgomery												*	.22		T.					.30	1.49				T.				.51	T.		§2.52
Fredericksville[2], 1 S	Berks		T.										.12	.10		T.			T.			1.38	.37						.12	.30	.32		2.71
Geigertown[2]	Berks												.20	T.								1.45	.25						.05	.24	.16		2.35
Gratersford[2]	Montgomery												.02	.28					T.			.98	.64						*	.21	.32		2.45
Phoenixville[2], 1.5 SE	Chester		T.									T.	T.	.23			T.		T.			1.40	.32					T.	T.	T.	.54		2.49
Port Clinton[2]	Schuylkill		.04										.17	.24			T.					1.10	.24						T.	.10	.40		2.29
Pottstown[2], 0.5 S	Montgomery												.22	.08								*	1.53						.23	.23	.19		2.48
Pottsville[2]	Schuylkill													.32								1.10	.15						T.		.40		1.97
Reading[1, 5]	Berks	T.	T.										.23	T.		T.	T.		T.		.93	.75				T.			.07	.44			2.42
Straustown[2]	Berks		T.										.13	.28								1.47	.14						.10	T.	.47		2.59
Virginville[2]	Berks		T.										.16	.18								1.12	.37				T.		.02	T.	.45		§2.30
Wernersville	Berks		T.										.22			T.	T.				.94	.77							.08	.49	T.		2.50
LOWER DELAWARE																																	
Coatesville[2]	Chester												.14	.11				T				1.40	.33						.12	*	.38		2.48
Doylestown	Bucks		T.		T.								.17	.04				T.			.13	1.17							.15	.21			1.87
George School[6]	Bucks		T.								T.		.06	.14		T		.02			.31	1.56							.04	.41		T.	2.54
Maple Glen[7]	Montgomery		T.										.16	T.								1.55	.10							.07	.25	.10		2.23
Marcus Hook[2]	Delaware									T.			.10	.05			T.	T.	T.			1.42	.40							.10	.01	.31		2.39
Philadelphia Southwest Airport, [1]	Philadelphia	T.	T.								T.		.17	T.		T.		.01	T.		.97	.72				T.			.13	.33	T.		2.33
City Office[1, 5]	Philadelphia		T.								T.		.17	T.		T.		T.	T.		1.39	.77				T.		T.	.08	.35			2.76
Shawmont	Philadelphia										T.		.18	.05							.61	1.23								.20	.30			2.57
Quakertown, 0.5 E	Bucks	T	T.										.19	.12				.01			.28	1.38							.16	.42	.04		2.60
West Chester	Chester												.18	.04					.02		.42	1.36							.08	.33			2.43
West Grove[2], 1.5 SE	Chester	T.											.18	.05					.02			1.63	.30						.10	.21	.14		2.63
Susquehanna Basin CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga												*	.27			.08				.56	.03						.05	.25	.12			1.36
Covington[2]	Tioga		.01									T.	.05	.23			.04	.06				.73	T.					.02			.20		§1.34
Lawrenceville	Tioga	.05	.10								T.		.10				.05	.10			.26	.35	T.			T.	T.		T.	.29			1.30
NORTH BRANCH																																	
Berwick	Columbia	T.	T.								.01	T.	.18	.19				T.			.35	.90							.05	.32			2.00
Canton[2], 1 NW	Bradford		.06									.05	.08	.22	T.		T.	.08				.95	T.						.05		.23		§1.72
Danville[2]	Montour		T.										.15	.26								1.36	.12						T	*	.42		2.31
Freeland[2]	Luzerne		.08		T.						T.	T.	.02	.22			T.	T.				.90	.22	.10		T.	T.	T.	.02	.10	.32	T.	1.98
Hop Bottom[2], 2 S	Susquehanna		.02									*	.40	.20			.02				T	1.20					*	*	.20		.23		2.27
Millville[1, 5]	Columbia										.05		.32	.04							.51	.50							.08	.32			1.82
Monroeton[2], 2 S	Bradford	T.	.08	T								.03	.01	.23			T.	T.		T.	T.	.97	.08			T.	T	T.	.02		.25		1.67
Montrose[2], 3 E	Susquehanna		.02	T.								.01	.02	.44			.02	.07		T.		.91	.08	T.		T.	.01	.08	.25		.38		2.29
Orwell[2], 3 N	Bradford	*	.02	.01									.03	.37			.05					.45		T.					*		.23		1.16
Park Place[1], 1 NW	Schuylkill	.04									T.		.28	.02		T.	T.	T.	T.		.64	.40	T.			T.	T	T.	T.	.22	T.		1.60
Pikes Creek[1, 5]	Luzerne												.36	.01							.79	.70								.07	.34			2.27
Rush[2]	Susquehanna		T.									.02	.10	.19			.01	.10				.79	.03					.04	.17		.32		1.77
Scranton[1, 5]	Lackawanna	.01	T.								T.		.17	.07		T.	T.			T.	.36	.55	T.			T.	T.	.02	T	.28			1.46
Susquehanna[2]	Susquehanna		T.							.08		.08	.06	.38			T.	.03	T.	T.		.69	.23	.04			.01	.02	.12		.36		2.02
Towanda, 1 E	Bradford	.02	.04								.02		.16	.02	T.	.01	T.	.08	T.	T.	.45	.44	T.		T.	T.	T.	T.	.02	.22	T.	T.	1.43
Tunkhannock[2]	Wyoming																																.....
Wilkes-Barre[1], 3 N	Luzerne	.02	T.								T.		*	.32		.02	.01				.43	.63	T.			T.	T.	T.	.03	.37	T.		1.83
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga													.31			.02	.05				.80		T.	T.	T.	T.				.15		M
Carrolltown[2]	Cambria		.03									.22	.33	.40			.02	.03		T.		.80	.13	.02					.15	.06	.34	T.	2.53
Carter Camp[2]	Potter		T.									.16	.04	.58			T.	.09				.80		.01		T.		T.	.19		.34		2.21
Cedar Run[2]	Lycoming											.08	.08	.36			T.	.12				.94		T.	.04			.02	.08	.03	.43		2.18
Clearfield[2]	Clearfield		.02									.17	.29	.42			T.	.10		T.		.81	.05	T.			.04		.20	T.	.72	T.	2.82
Coalport[2]	Clearfield											.21	.25	.40			T.	.15				.75	.05				T		.12	.05	.42		2.40
CurwensvilleApt[1] 6NW	Clearfield	.01	T.							T.	.30		.66	.06	T.	.02	.10	T.	T.		.58	.12	.06	.03	T.	.07	.01	.04	.09	.61	.03	T.	2.79
Driftwood[1, 5]	Cameron										.09		.38	.01			.08				.62	.08						.01	.19	.35			1.81
Dushore[1, 5]	Sullivan	.10									.03		.43	.01			.07				.63	.28								.28			1.86
Eagles Mere[2]	Sullivan		.11									.10		.56			T.	T.				.76	.12					T.	T.		.40		2.05
Emporium[2], 1 E	Cameron		T.									.23	.26	.43	.02	T	T.	.01				.41	.04		06	T.	T	T.	.41		.48		2.35
English Center[1, 5]	Lycoming										*		*	.37			.08				.89	.23							.10	.22			1.89
Galeton	Potter	.04	.01					T.			.09	.01	.23	.24		.02	.08	.02			.52	.42	.03	.01	.05	T.	T.	T.	.02	.15	.10	T.	2.04

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield		T.									.54	.23	.36			T.	.09				.94		.03	.06		T.		.02	.05	.64		2.98
Lock Haven[2]	Clinton		T.									.03	.16	.16				.04				1.07	.04	T.		T.	T.		.12	.07	.36		2.05
Medix Run[1, 5]	Elk										.20		.46				.10				.50	.06		.07				.05	.20	.40		2.04
Philipsburg[1, 7 E]	Centre	T.	T								.06		.36	.09		T.	.10	T.	.01	T.	1.03	.16	.03	T.		.01	T	.02	.08	.36	T.	T.	2.34
Renovo[2]	Clinton											.07	.16	.27			T.	.06				.82		T.	T.				.16		.39		1.93
State College[1, 5]	Centre	T.									.05		.28	.08		T.	.04	T.	T.		.84	.12	T.	T.		T.	T.	.02	.07	.28	T.		1.78
Tamarack[2, 2 S]	Clinton		T									.15	.11	.32		T.	.01	.15				.84	T.	T.	.01		T	T.	.16	T.	.31	T.	2.06
Trout Run	Lycoming										.02		.30	.06				.03			.02	1.00			.01				.08	.34			$1.86
Tyrone[1, 5, 4 NE]	Blair										.05		.50	.08			.06				.90	.20							.16	.27			2.22
Wellsboro[2]	Tioga	T.	.03								.02	.02	.02	.28			.02	.04				.81	T.	T.	T	T.	T.	T.	.02		.18		1.42
Williamsport Apt.[1-4 E]	Lycoming	T	T.								.04		.40	.03		T.	.02				.82	.28	T	T.		T.	T.	.01	.01	.28	T.		1.89
Williamsport[2]	Lycoming		T.									.07	.11	.24				.04				*	1.15						.09		.24		$1.94
Williamsport[2, 4 SE]	Lycoming		T.									.03	.15	.28				.02				1.21	.01						.09		.29		2.08
JUNIATA																																	
Altoona, 4.5 W	Blair	T.									.12		.49	.42		T.	.02				.47	.40	T.						.15	.45			2.52
Breezewood[1, 0.5 E]	Bedford										.02		.27	.09			.02				.60	.55							.02	.33			$1.90
Buffalo Mills[2]	Bedford												.29	.20								.95								.35			1.79
Burnt Cabins[1, 2 NE]	Fulton	T.									.03		.29	.03			.03				.50	.67							.05	.38			$1.88
East Waterford[2, 3 E]	Juniata		T.									T	.22	.09			T.	.01		T.		1.41	.11	T.	T.	T.	T.	T.	.06	.05	.22	T.	2.17
Everett[2, 0.5 SW]	Bedford		T.									.01	.17	.12				.01				.90	.14				T.	T.	.02	.20	.23	.01	$1.81
Huntingdon[2]	Huntingdon		T.									.04	.36	.21			T.	T.				.80	.15	T.			T	T.	.08	.09	.17	T.	1.90
Lewistown[2, 1 W]	Mifflin		T.									T.	.24	.18		T.	T.	T.				1.00	.10	T.					.02	.03	.22	T	1.79
Mapleton Depot[2]	Huntingdon		T.									T.	.26	.20				T.				1.08							.02	.03	.23		1.82
Martinsburg[1]	Blair	.01	T.								.04		.41	.01		T.	.01		T.	T.	.55	.23	T	T.		T	T.	T.	.04	.33	T.	T.	1.63
McConnellstown[2, 4NW]	Huntingdon		T									.02	.33	.21				.04				1.03	.03						.08	.05	.31		2.10
Neffs Mills[1, 5, 3.5 NE]	Huntingdon										.08		.40	.16								.79	.20						.08	.33			2.04
New Bloomfield	Perry	T.	T										.30	.04			T				.84	.59								.34	T.		2.11
Newport[2]	Perry												.22	.14				T.				1.35	.14						T.	.06	.29		2.20
Saxton[2, 1 W]	Bedford											.02	.39	.13				T.				.75								.14	.20		$1.63
Shade Gap[1, 5, 0.5 SW]	Huntingdon												.21	.03							.53	.56								.30			1.63
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams												.24	.20			T.	T				1.33	.05						T.	.27	.25		2.34
Beavertown[2]	Snyder												.15	.18								1.25	.50						.06		.28		2.42
Bloserville, 1.5 N	Cumberland		T.									T.	.28	.11			T.				.46	.86							.04	.26	.04		2.05
Carlisle	Cumberland		T.								T.		.32	.08		T					.47	1.00							.03	.27	.06		2.23
Columbia	Lancaster												.32	T.		T.	T.				.28	1.18							.07	*	.50		2.35
Dauphin[2, 3 N]	Dauphin												.19	.09				.01				1.40	.13						.03	.03	.17		2.05
Ephrata	Lancaster		T.									T.	.23	.02			T.				.54	1.10				T.				*	.60		$2.39
Glen Rock[1, 5]	York												.29								1.00	.52							.06	.34			2.21
Gordon	Schuylkill												.17	.14							.14	1.26							.09	2*			2.08
Grantville, 2 SW	Dauphin												.34	.15			T.				.32	1.29							.06	.33			2.49
Hanover[2]	York		T.										.26	.05			T.	T.	T.			1.25	.08						.07	.09	.29		2.09
Harrisburg Apt[1, 5, 3.5 S]	Dauphin	T.									T.		.30	T.			T.		T.		.95	.44	T.					T.	.01	.29		T.	1.99
Holtwood[2]	Lancaster												.09	.03			T.	T.	T.			1.46	.17						.08	.15	.08		2.06
Huntsdale[2]	Cumberland		T.										.20	.08								1.28	.11						.02	*	.40		2.09
Kirkwood[1, 5, 1 SW]	Lancaster												.20								.89	.81							.10	.30			2.30
Lancaster	Lancaster												.30	.05		T.	T.		T.		.22	1.41							.08	*	.46		2.52
Lebanon[2]	Lebanon		T										.25	.20			T.	T				1.45	.17				T.		.10	.04	35		2.56
Middletown[1, 1.5 W]	Dauphin	T.											.12	T			T.				.86	.63	T.						.02	.33			1.96
Millersburg[1, 5, 2 E]	Dauphin												*	.34							1.02	.52							.02	.19			2.09
Milroy[2]	Mifflin										.05		.25	.19				.10				1.25							*		.52	T.	2.36
Newburg[1, 3.5 NW]	Cumberland	T.									T.		.38				T.				1.04	.50							T.	.27			2.19
New Park	York												.22			T.	T.				.75	1.10							.16	.17			2.40
Pine Grove[2, 1.5 NE]	Schuylkill		T										.14	.16				T.				1.36	.13						.01	.02	.36		2.18
Selinsgrove	Snyder		T								T.	.01	.14	.19				T.			.46	1.02							.03	.33			2.18
Shamokin[2]	N'umberland		.01										.10	.15								1.06	.12						.07		.32		1.83
Shippensburg	Cumberland		T.									.20	.03	.12			T.				.41	.90				T.	T.	T.	.40	.01			2.07
Sunbury[2]	N'umberland		.08									.01	.17	.04				T.				1.30	.12			T.			.04	T	.31		2.07
Wellsville	York	.01	T.									T.	.25	.24		T	T.				.22	.90							.02	.34	.02		2.00
Williamstown[2]	Dauphin												.13	.15								.90	.23							.06	T.	.32		1.79
York, 3 SW	York		T.										.50	.05							.42	.98							.04	.46			2.45
York Haven[2]	York											T.	.25	.12								1.23	.18						.03	.07	.46		2.34
Potomac Basin																																	
Chambersburg[6, 1 SW]	Franklin	T.	T.										.34	.07			T.				1.15	.45				T.			.09	.47			2.57
Gettysburg	Adams												.30	.11			T.				.36	.85							.03	.42	.02	T.	2.09
Hewitt, 2 SW	Bedford										.29		.07			T.					*	1.19						.07		.50			2.12
Hyndman[2]	Bedford		T.										.31	.10				T.				.90	T.				T.		.02	.31	.22		1.86
McConnellsburg[2]	Fulton		T										.21	.10								1.00	.25						T.	.24	.25		2.05
Mercersburg[2]	Franklin		T.										.24	.10			T.					1.40	T.						.04	.49	.14		2.41
South Mt. San't'm[2]	Franklin												.25	.12								1.04	.14							.27	.33		2.15
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny		.08									.21	.84	.32				.08				.45	.08	.01	T.		T.	T.	.14	.30	.28		2.79
Allens Mills[1, 5]	Jefferson	.04									.44		.81	.01			.12				*	*	*	.73		.09		*	*	*	.53		2.77
Blairsville[1, 6 NE]	Indiana	.06									.31		.74	.16		T.	T.	T.	T.	T.	.56	.19	.11	T.	T.	T.	T.	T.	.06	.45	.04	.01	2.69
Boswell[2, 6 NW]	Somerset	.05	.09									.37	.35	.50								.70	.14	.03		T.	.03		.02	.20	.29	.02	2.79
Bradford, 4 W	McKean	.03	.05			.02	.01				.64	.15	.24	.42	.10	.10	.30	.20	.05	.20	.15	.20	.35	T.	T.	.10	.15		.75	.34	.05	.15	4.75
Brookville[1, 1.5 SW]	Jefferson	.02	T.								.45		.54	.11		T.	.20		T.		.36	.06	.03	.06		.02	T.	.11	.06	.37	.03	T.	2.42
Buckstown[1, 5]	Somerset	.09									.10		.38	.16	.05	.03					.62	.20				.04	.04			.10		.05	1.86
Clarion[2, 3 SW]	Clarion	T.	.02	T.								.50	.30	.52			.01	.19				.40	.07	.02	.09	T.	T.	T.	.30	.01	.46	T.	2.89
Corry	Erie	T.	.06							T.	.90		.78	T.	T	.19	.23	.07	T.	.04	.18	.18	.12	.11	.09	.05	.07		.49	.04	.05	.06	3.71
Coudersport	Potter	.09	.03								.09	.03	.64		.02	.14	.19	.03			.14	.47	.14						.03	.46	.03	T.	2.53
Coudersport, 7.5 E	Potter																											T.	.16	T.	.27		$$
Derry	W'moreland	.03	.12								.20	.05	.55	.46			T.				.65	T.	.30			T.	T.			.46	T.		2.82
Donegal[1]	W'moreland	.09	.01								.50	.01	.65	.60		T.	T.	T.			.48	.19	.10			T.	T.		.01	.45	.01		3.10
Dunlo[1, 5, 0.5 SW]	Cambria	.15											.47	*		.49					.83	.25	.05			.02	.08			.31			$2.65
Ebensburg[2]	Cambria	.03	.02			T.						.21	.41	.54			.03			T.	.10	.88	.08			T.	.01	T.	*	.30	.16	.01	$2.78
Ford City[2, 4 S]	Armstrong		.02									.22	.56	.33				.09				.40	.06	T.					.14	.23	.33	T.	2.38
Franklin[2]	Venango	T.	T.	T.							T.	.33	.20	.34		T.	.03	.21				.30	.03	.09	.05	.02	.02	T.	.45	.05	.13	.02	2.27
Glen Hazel[2, 1 NE]	Elk		.03		T						T.	.34	.29	.40	.01	.03		.13	T.		.01	.49	.10	T.	T.	.03		.02	.12	.33	.02	T.	2.35
Home[1, 5]	Indiana										.22	.01	.73	.06			.04	.02	.01	.01	.39	.26	.02					*	*	.79		.02	2.58
Indiana	Indiana		T.								.22	.06	.66	.25	T.	T.	T				.55	.13	T.		T.				.08	.45			2.40
Johnstown[2, 0.5 W]	Cambria	.04	.10									.26	.57	.58		T.	T.	T.		T.	T.	.95	.10	.05	T.	.02	.04	T.	.01	.35	.14	T.	3.21

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	.05	T						T	T.	.39		.74	.08	.01	.07	T.	T.	T.	T.	.48	07	.12	.18	T.	.02	.03	.05	20	.38	.03	.03	2.93
Kregar[1], 4.5 SE	W'moreland	.21	.06								.49	.14	.66	.47		T	.11	.09	T.	T.	.98	.31	.11	.07	T.	.05	.10	.10	.07	.48	.02	T.	4.52
Lycippu, 1.5 E	W'moreland										.18	.21	.70	.74				T.			.24	.16	.08			T.	T.		07	.54	T		3.15
Marienville[1, 5]	Forest	.05								.02	.40	.07	.74	.20	.01	.05	.21	.10	.06	.09	.46	.07	.22	.18		.07	.04	*	*	*	.85		§3.83
Meadville[2], 1 S	Crawford		.04	.02							.03	.79	.32	.38	T	T.	03	.21		T.	T.	.24	.11	T	.16	.03	T.	.03	17	T.	.01	T	2.60
Mosgrove[2]	Armstrong		.04									.17	.52	.40			T.	*			.58	.10		.09		T.			*	*	.92	T.	2.89
Parkers Landing[2]	Armstrong		*									.50	.40	.42			T				.70	T.	T.	*					.72	.15	.30	T.	3.19
Pittsburgh City Of[1, 5]	Allegheny	.02									.18	T.	.79	.05		T	.04	T			.57	.03	T.	T.		T.	T.	.02	.02	.65	T		2.41
Port Allegany[2]	McKean	T.	.01									.12	.05	.56	T.	T	.08	.10				.36	.04	.02	.13	T.	T.	T.	.19	.08	.23	T.	1.97
Punxsutawney[2]	Jefferson																																
Putneyville[2], 2.5 SE	Armstrong		T.									.23	.38	.43			T.	.06				.59	.10	T	.01				.18	.15	.12	T	2.15
Ridgway[2]	Elk	T	.06									.38	.33	.38	T.	T.	.01	.06		T.		.44	.14	.02	.12	T	T.	.57	T.	.28	.01	.37	T	2.60
Saltsburg[2]	Indiana		T.									.18	.60	.43			T.	.01				.92	T	.01	T	.57	T.	T.	.06	.38	.12	T.	3.46
Seward[2]	W'moreland		.08									.24	.46	.39								.94	.06							.24	.13		2.54
Sheffield[1, 5, 6 W]	Warren	.02	.03								.57		.50	.06	.05	.01	.18	.09	.02		.27	.09	.10		.06	.04		.28	.12	.55		.01	3.05
Smethport[1, 5, 1 SW]	McKean	.04									.20		.60	.04		.02	*	.18			.40		.04	.06		.04	.02	.06	.24	.38			§2.27
Strongstown[1, 5]	Indiana										.30		.60	.20		T					.40	.23	.02				.02	.13	.51			2.44
Tionesta[2], 1.5 SE	Forest	1	.07	T.							.01	.26	.32	.42	T.	T	.04	.28				.30	.08	.06	.15	T.	T.	1	.30	.05	.33	T.	2.77
Titusville, 2 S	Crawford	T.	.06	.02							.62	02	.59	.09	.02	.06	.10	.13	T.	T.	.11	.20	.20	.02	.16	.03	.03		.26	.10	.02	.02	2.86
Union City[1, 5]	Erie	.10									.60		.88	.01		.05	.26	.09	.03		.27	.10		.13	.01	.05		.40	.12	.05		.04	3.19
Vandergrift[1]	W'moreland	.06									.08		.74	.10			T.				.55								.10	.52			2.15
Warren[2]	Warren	T.	.11								.06	.42	.01	.10	T	T.	.09	.20		T.	T.	.26	.22	.01	.26		T.	.12	.29		.20	T.	2.35
Youngsville[1, 5]	Warren	.02									.90	.04	.58	.02	.01	.08	.23	.06		.02	.31	.10	.10	.22		.05	.06	.20	.17	.12			3.29
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset		.13	T.								.24	.40	.48		T.	T	T.				1.06	.10	T	T.			.04	T.	.04	.29	.36	T.	3.12
Connellsville[2]	Fayette	T	.03	T.								.28	.43	.30		T		T.				.76	.07						T.	.20	.13			2.20
Donora[1]	Washington	.02	T								.15	.07	.60	.22		T.	T.	T.			.10	.25	.23			T.	T	T	T.	.61	T.			2.25
Greensboro[2]	Greene		.02									.26	.43	.35								.62	.04						T.	.18	.30			2.20
Greensburg, 2 S	W'moreland	T.	.10								.18	.04	.65	.47							.64	.05	.04			T.	T.		.03	.56	T.			2.76
Irwin	W'moreland	T	T.								.11	.05	.58	.53		T.	T.	T.			.40	.17	.05			T.	T.		.03	.59	T.			2.51
Meyersdale[2]	Somerset		.12	.10								.03	.32	.23		.01					T.	1.01	.09				.05	T.		.29	.18			2.43
Murrysville // [1, 5]	W'moreland			.04							.15		.80	.12							.58	.09	.03						.07	.57				2.45
Pittsburgh Arpt.// [1, 5]	Allegheny	.06	T								.20	T.	.59	.09		T.	T.	.01			.71	.13	.01	T.		T.	T.	.01	T	.64	T.	T.		2.45
Rices Landing[2]	Greene		.02									.52	.55	.78		T.		T.				.84	.04	.02					.02	.23	.47			3.43
Somerset	Somerset	.03	.08								.12	.04	.57	.20		T.	T.				.70	.18	.11	T.		T.	.05		.04	.50	T.			2.57
Springs[6], 1 SW	Somerset	T.	.05								.10	.05	.47	T.		.01	T	T.			.90	.23	.09			T.	.04		.04	.62	.03	T.		2.63
Uniontown	Fayette		.06								.19	.08	.53	.33		T	T.				.55	.07	.09						.02	.35				2.27
Waynesburg	Greene		.02								.25		.54	.78							.56	.06	T.							.71				2.92
BEAVER																																	
Beaver Falls[2]	Beaver		.05	T								.06	.37	.34			T.	.04		T.		.50	.03	T.	.03		T.	T.	.11	.01	.38	T		1.92
Butler	Butler	.10	T.								.10	.18	.58	.32		T.		.05			.05	.40			.04				.17	.12				2.14
Farrell[2]	Mercer		.05									.28	.50	.48				.29				.87			.14				.15	.07	T.	T.		2.33
Greenville	Mercer	.02	.01							T.	.57		.80	.11		.01	.17	.05	T.	T.	.13	.13	.09	.04	T.	.05		.14	.12	.21	.03	.01		2.69
Jamestown[2], 2 NW	Mercer		.02	T.							.02	.51	.32	.47		T.	T.	.26		T.		.18	.04	T.	.09		T.		.13	.01	.01	1		2.06
Mercer Arpt.[1], 2.5 NE	Mercer	.04	T.							.02	.50		.72	.01	T.	.01	.17	T.	T.	T.	.16	.09	.03	.11	T.	.02	T.	.18	.04	.22	.03	T.		2.33
New Castle[1], 1.5 N	Lawrence	.04	T.									.24		.67	.04		T.	.20				.34	.05	T.	.04			.15	.05	.31	.01	T.		2.14
Pennline, [2], 1 S	Crawford	.02	.05	T.							T.	.52	.21	.75	T.	.02	.05	.34		T.		.25	.06	T.	.09	T.	T.	T.	.16	T.	.05	.02		2.62
OHIO																																	
Claysville[2]	Washington		T									.23	.38	.39		T.		.02				.54	.03	T.						.33	.33			2.25
Coraopolis[2], 1 E	Allegheny		.01									.18	T.	.30				.07				.32	T.	T	T.				.05	.36	.27	T.		1.56
Midland[2]	Beaver		.03	T								.15	.57	.42				.06				.40	.03	.01	.02				.09	.09	.21	T.		2.08
Washington[1, 5]	Washington	03									.20	.03	.65	.19							.46	.04	.02							.67				2.29
LAKE DRAINAGE																																	
Albion[2]	Erie	03									.03	.51	.26	.46		*	*	*		*	*	*		1.41	T.	T.	.04		.45		.05	.03	§3.27
Erie[1, 5]	Erie	.06	T.	T.						T.	.81		.48	.05	T.	T.	.10		.46	.07	.30	.20	T.	.26	T	.01	T	.10	.13		.01	.12	3.16
Raymond[1, 5]	Potter																																

[See page 96 for explanation of reference marks.]

Daily Temperatures for December 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/.	Maximum..	32	22	33	36	43	52	58	57	61	53	51	59	33	26	30	43	32	27	30	30	35	34	40	36	38	44	57	56	32	30	22	39.7
	Minimum..	24	15	16	18	30	17	32	34	47	47	26	24	27	21	23	15	14	11	16	11	16	22	21	16	24	26	13	17	21	18	14	21.9
Allentown Arpt.[1-4 NE..	Maximum..	49	30	32	45	51	46	52	53	62	70	56	59	60	39	35	36	46	38	32	33	36	38	37	45	36	44	27	53	36	38	29	43.3
	Minimum..	30	12	13	19	18	27	29	26	34	46	29	29	31	26	24	21	32	23	15	19	32	32	28	30	24	17	14	24	25	15	14	24.5
Allentown /.	Maximum..	50	42	34	44	53	49	53	56	64	70	50	62	49	48	30	37	47	38	33	35	40	39	48	35	44	32	52	39	33	31	44.3
	Minimum..	32	13	14	20	20	22	32	28	29	42	41	31	35	28	25	25	25	32	20	20	24	24	30	30	31	27	15	16	25	27	15	25.7
Altoona 4.5 W.	Maximum..	55	30	27	44	55	49	55	58	66	68	55	42	45	34	31	28	44	34	26	24	36	33	47	45	37	32	28	62	38	39	27	41.7
	Minimum..	29	11	10	19	25	30	31	32	43	54	30	31	25	24	22	15	27	20	12	14	20	28	22	29	22	26	9	27	30	20	17	24.3
Arendtsville/	Maximum..	52	29	29	47	55	47	51	60	67	67	52	58	45	42	38	34	52	37	34	33	42	40	40	49	42	45	33	67	41	36	30	45.0
	Minimum..	29	15	12	15	19	24	33	29	32	38	39	31	37	25	23	18	20	30	17	18	24	32	21	24	27	23	15	18	30	30	17	24.7
Beavertown/	Maximum..	50	26	34	44	42	44	45	57	65	61	58	54	41	35	32	39	45	35	30	34	35	35	40	40	37	38	33	50	50	31	28	[41.5
	Minimum..	33	11	7	13	17	20	26	30	30	32	31	27	37	27	28	16	23	25	16	13	24	32	29	29	27	24	8	16	30	28	11	[23.2
Berwick	Maximum..	48	42	32	40	38	47	51	53	59	66	58	48	60	36	33	32	44	40	30	32	39	39	39	42	39	40	30	50	48	39	27	42.6
	Minimum..	36	10	11	18	19	22	32	26	32	46	37	30	35	27	22	19	30	27	15	17	30	32	29	29	28	24	13	25	21	24	12	25.1
Bethlehem[1]	Maximum..	47	29	33	42	52	46	52	55	62	69	53	60	42	37	32	35	45	37	30	33	34	38	37	46	38	42	26	50	37	31	28	41.9
	Minimum..	29	13	16	23	23	33	35	31	43	52	36	35	32	28	26	25	32	26	20	20	32	32	31	34	28	18	16	24	25	18	15	27.5
Blairsville[1-6 NE.	Maximum..	54	19	31	39	51	56	60	55	61	62	44	55	55	30	24	35	51	24	24	31	36	28	44	34	31	32	50	59	58	27	23	41.4
	Minimum..	12	6	6	24	30	35	32	46	47	39	27	35	23	22	19	17	22	13	7	20	20	23	22	24	19	13	12	27	26	16	17	22.6
Bradford-4 W.	Maximum..	48	29	31	37	46	51	56	54	57	51	52	49	54	28	27	27	41	32	26	24	35	32	39	39	27	31	27	52	38	22	23	38.2
	Minimum..	27	6	5	25	20	19	25	29	39	50	25	26	25	21	20	2	22	18	13	4	21	25	26	24	17	17	0	26	22	13	3	19.8
Brookville[1-1 5 SW.	Maximum..	53	21	33	40	49	55	57	57	59	59	45	55	53	30	25	34	46	26	26	29	35	33	42	35	31	34	39	57	49	28	25	40.6
	Minimum..	15	9	9	23	25	29	32	38	40	30	38	26	23	22	20	25	13	5	15	20	27	27	27	22	10	6	28	26	16	18	22.5
Burnt Cabins[1-2 NE.	Maximum..	49	24	28	47	46	50	49	60	68	63	54	55	56	39	34	34	48	34	30	29	40	36	41	45	36	39	32	60	41	37	27	42.9
	Minimum..	22	10	8	11	18	23	31	28	31	44	27	38	30	24	22	17	29	16	14	18	20	30	24	32	22	21	10	32	30	10	11	22.7
Butler.	Maximum..	60	22	31	40	51	52	58	60	62	68	63	59	61	37	35	35	50	40	28	31	37	38	42	45	37	37	34	59	50	53	28	45.1
	Minimum..	28	12	13	18	27	29	26	33	40	45	31	36	31	25	21	25	30	18	12	20	16	20	28	28	22	26	15	29	34	21	20	25.1
Canton/-1 NW	Maximum..	42	15	25	37	49	43	44	56	63	61	44	51	37	33	29	35	43	32	28	33	42	38	36	34	35	33	54	36	26	29	39.0
	Minimum..	30	3	6	9	22	29	32	35	38	44	29	27	31	22	20	15	11	19	11	11	18	27	20	24	19	21	5	7	14	16	10	20.2
Carlisle.	Maximum..	54	44	31	46	44	45	50	54	66	71	64	44	56	43	39	42	50	45	34	30	38	40	37	46	43	47	39	65	53	38	30	46.1
	Minimum..	31	16	18	20	17	27	34	28	34	44	40	34	40	30	25	30	30	30	20	20	30	35	27	31	31	26	20	30	32	30	26	28.4
Chambersburg[6-1 SW.	Maximum..	50	34	30	45	46	48	50	55	65	67	60	45	55	41	36	34	51	39	31	31	39	39	36	46	38	43	32	68	41	40	29	44.0
	Minimum..	29	16	12	17	20	29	32	28	32	43	32	35	34	28	24	18	24	25	19	21	31	33	23	27	22	28	18	29	31	19	17	25.7
Clarion[6-3 SW	Maximum..	54	30	35	42	51	56	59	59	61	62	55	55	58	33	30	33	45	33	29	29	36	34	44	44	35	37	35	56	50	41	28	43.5
	Minimum..	26	9	11	17	21	25	24	30	29	49	26	30	27	22	18	11	29	11	4	11	24	25	26	28	21	20	4	30	26	19	15	21.4
Claysville/	Maximum..	39	23	32	44	53	61	62	61	64	61	57	62	38	36	31	54	45	28	30	36	36	33	48	42	38	38	60	62	60	25	26	44.7
	Minimum..	29	12	8	17	18	30	32	36	40	43	26	25	31	26	24	20	26	14	7	8	27	29	20	26	22	23	17	23	31	22	14	23.5
Coalport/.	Maximum..	45	22	33	41	53	50	55	58	63	65	47	55	36	30	22	41	46	29	27	33	38	33	47	36	35	36	55	59	49	25	27	41.6
	Minimum..	33	9	5	13	14	24	27	31	31	52	29	29	31	23	21	17	15	18	9	11	20	27	25	26	21	20	6	11	29	22	15	21.4
Coatesville/.	Maximum..	55	40	33	45	52	48	54	55	68	70	51	60	53	43	37	39	52	39	32	38	39	42	43	51	35	46	34	63	38	36	30	45.8
	Minimum..	41	14	15	14	17	22	37	27	33	39	39	31	36	18	18	17	18	34	20	21	25	31	26	25	31	31	13	34	29	30	15	25.9
Columbia.	Maximum..	54	45	33	47	54	48	55	55	67	70	62	59	61	45	40	37	51	47	40	32	40	42	40	49	46	47	37	67	48	39	32	48.0
	Minimum..	33	16	16	19	25	37	27	31	40	41	31	41	23	21	19	31	25	27	17	31	34	28	25	29	30	18	18	27	31	17	26	26.6
Corry	Maximum..	50	24	40	40	45	53	57	57	57	54	51	55	57	30	25	29	42	29	27	26	34	33	39	35	30	33	35	54	47	31	24	40.1
	Minimum..	24	10	15	26	30	21	28	42	42	47	29	34	26	22	21	3	27	13	16	10	25	27	27	24	20	18	11	28	23	14	12	23.1
Coudersport.	Maximum..	49	31	28	36	48	45	50	58	61	59	48	45	54	29	26	28	40	34	27	29	33	36	40	39	30	32	28	55	39	30	25	39.1
	Minimum..	28	3	− 4	21	15	17	30	40	46	44	25	26	28	22	19	4	12	16	10	5	19	17	27	24	19	18	1	22	24	14	3	19.2
Curwensville[1-6 NW.	Maximum..	50	18	29	38	48	47	50	57	60	59	43	50	51	28	22	27	42	25	24	24	33	29	41	32	27	30	32	51	40	25	24	37.3
	Minimum..	10	4	6	16	27	30	30	42	42	37	25	30	21	18	16	8	20	9	2	16	24	23	22	23	17	10	3	25	25	9	12	19.4
Derry.	Maximum..	57	32	34	44	55	60	64	58	65	65	55	60	60	36	31	38	56	32	29	34	40	33	44	40	31	38	48	63	65	52	28	46.7
	Minimum..	31	10	9	23	29	29	41	39	46	55	30	34	33	28	26	20	31	19	13	18	33	29	27	30	23	27	14	36	32	22	23	27.7
Donegal[1]	Maximum..	54	17	31	40	51	55	58	54	61	61	44	56	53	32	26	41	51	25	25	32	35	28	47	40	32	34	50	60	60	29	23	42.1
	Minimum..	14	2	− 1	13	23	26	27	36	35	44	24	34	24	23	20	16	21	14	4	21	27	23	17	24	19	14	8	28	28	17	18	20.7
Donora[1]	Maximum..	59	26	34	46	58	64	64	61	67	65	51	64	57	38	33	45	54	30	28	37	41	35	52	45	38	43	58	65	66	36	30	48.1
	Minimum..	19	17	16	25	35	37	33	44	47	51	33	42	32	30	28	28	30	20	15	25	34	31	30	32	27	24	21	36	36	25	25	29.9
Eagles Mere/	Maximum..	44	8	22	36	31	40	41	53	57	55	45	49	38	30	25	32	37	29	24	34	35	32	32	34	32	32	28	44	34	22	22	34.7
	Minimum..	27	0	0	1	22	27	30	32	34	41	26	26	30	20	16	14	12	18	9	9	19	25	25	24	20	20	6	6	14	19	5	18.7
East Waterford[6-3 E.	Maximum..	48	27	27	40	45	44	47	58	65	58	55	50	52	31	26	28	40	32	23	28	33	30	37	43	38	35	23	59	39	39	22	39.4
	Minimum..	27	7	11	21	32	34	33	39	47	51	31	32	28	23	21	18	25	19	12	17	27	26	24	29	21	23	13	22	24	18	15	24.8
Ebensburg/.	Maximum..	36	19	30	40	50	49	55	57	60	62	44	53	32	29	26	44	39	24	23	34	34	34	40	36	32	31	56	58	47	22	21	[39.3
	Minimum..	30	7	7	19	27	32	33	36	39	52	28	33	28	20	20	13	25	14	8	13	20	24	21	25	24	20	10	21	28	18	15	[22.9
Emporium/-1 E.	Maximum..	45	21	31	42	51	49	55	55	62	66	48	55	39	33	28	41	43	29	30	35	38	36	44	39	36	32	38	59	40	28	28	41.2
	Minimum..	24	8	1	7	16	17	20	27	27	36	26	26	33	24	21	7	7	11	4	6	21	28	29	24	22	22	6	6	17	19	8	17.7
Ephrata	Maximum..	52	42	31	44	52	48	53	51	66	70	59	50	58	40	35	37	49	44	32	33	38	42	38	49	44	46	23	58	34	38	34	44.8
	Minimum..	38	15	15	19	21	28	37	30	34	43	39	34	39	27	30	21	31	28	21	21	32	28	28	29	28	27	17	27	29	22	18	27.7
Erie[1]	Maximum..	54	26	34	43	47	58	62	59	60	60	47	63	40	31	31	44	51	30	28	31	36	36	44	35	37	37	52	59	48	26	26	43.1
	Minimum..	19	16	21	32	38	36	41	54	52	40	36	40	28	25	27	20	29	20	18	20	30	32	29	28	24	22	18	23	24	19	20	28.4
Everett[1-0.5 SW.	Maximum..	50	25	29	47	43	51	52	56	70	67	53	52	57	40	34	33	50	35	28	27	40	37	50	50	38	40	33	65	50	45	40	44.7
	Minimum..	14	14	11	14	17	26	27	27	29	49	29	36	31	28	27	19	25	22	17	22	25	30	17	31	24	22	14	31	33	17	18	24.1
Farrell.	Maximum..	55	28	32	43	48	58	62	60	62	61	58	58	57	32	29	30	47	35	27	31	35	34	42	42	33	39	52	60	51	39	27	44.1
	Minimum..	19	15	15	24	27	30	31	41	46	43	31	43	28	26	26	25	28	17	13	19	28	30	30	26	25	19	16	30	30	19	18	26.4
Ford City/-4 S.	Maximum..	43	26	34	43	52	60	61	59	59	63	51	59	38	35	29	53	44	28	29	34	38	35	46	37	37	37	59	60	59	27	28	44.0
	Minimum..	27	10	11	15	21	26	23	24	33	42	27	28	32	25	25	19	19	17	10	10	24	27	26	28	22	22	10	15	29	21	16	22.1
Franklin/.	Maximum..	40	28	34	43	49	54	58	58	61	60	48	58	36	31	28	45	39	27	29	35	35	36	43	35	30	32	57	58	50	26	28	41.6
	Minimum..	33	13	13	18	21	28	27	27	35	41	29	30	31	25	23	15	15	19	13	15	25	28	29	28	28	27	9	14	27	21	17	23.4
Fredericksville-1 S.	Maximum..	49	41	31	42	51	47	52	54	64	68	62	46	58	38	34	34	47	44	35	30	35	49	36	46	43	42	34	54	52	36	27	44.2
	Minimum..	35	10	9	15	18	32	35	27	35	47	37	26	37	26	21	18	29	28	15	13	20	32	25	26	26	22	9	23	20	26	10	24.3
Freeland.	Maximum..	47	33	28	36	43	41	47	57	58	63	55	45	53	33	27	30	40	37	24	30	34	33	41	38	34	33	29	51	45	37	26	39.3
	Minimum..	30	2	6	18	27	28	31	34	46	50	30	29	27	20	18	17	26	21	10	16	22	24	25	26	18	19	7	11	16	15	7	21.8
George School[6]	Maximum..	54	38	32	46	50	47	52	55	65	71	60	53	62	41	35	41	49	44	32	34	40	42	40	48	40	45	27	57	41	34	33	45.4
	Minimum..	38	13	11	18	17	26	28	23	36	47	34	29	34	26	22	17	29	27	17	16	32	32	27	30	25	27	14	25	27	22	14	25.3
Gettysburg.	Maximum..	54	43	35	55	57	58	51	58	68	72	65	55	57	50	49	34	52	47	33	33	51	40	39	49	46	46	41	66	61	43	43	50.0
	Minimum..	30	17	17	17	20	30	37	28	32	42	40	34	40	28	28	21	30	31	20	21	28	34	26	33	30	30	10	28	32	21	20	27.6
Gordon.	Maximum..	52	19	31	41	46	45	48	52	59	66	62	42	58	36	33	34	44	41	30	28	37	38	36	43	39	38	25	52	32	32	28	40.9
	Minimum..	19	9	12	11	15	21	35	25	30	43	32	24	36	25	17	18	28	26	11	11	28	30	27	25	27	21	7	22	24	25	9	22.4
Greensburg-2 S.	Maximum..	56	33	34	45	56	62	63	59	65	63	55	63	60	37	33	43	55	36	28	35	39	34	48	47	42	39	48	64	65	49	28	47.9
	Minimum..	31	13	3	10	19	26	22	29	30	47	26	28	33	29	26	20	35	17	10	14	32	30	18	29	26	31	12	38	32	22	23	24.5
Hanover/	Maximum..	52	30	31	49	56	50	56	61	70	72	52	59	49	46	38	40	54	41	35	33	40	41	41	53	46	48	41	64	55	49	28	47.0
	Minimum..	32	17	15	17	22	30	32	34	39	42	42	37	39	28	29	23	24	31	21	22	25	32	27	29	29	27	20	22	29	30	21	28.0
Harrisburg Arpt. [1-3.5 S	Maximum..	51	30	32	46	48	46	53	54	68	71	60	58	58	42	36	37	48	39	31	34	40	40	38	49	40	45	28	65	39	39	31	45.1
	Minimum..	29	16	16	21	21	29	35	30	35	46	34	36	33	28	26	24	31	23	20	22	33	35	30	33	27	27	18	28	30	23	18	27.6
Hawley-0.5 E.	Maximum..	50	33	31	41	47	45	54	56	60	64	57	44	58	36	30	32	45	37	29	24	37	36	39	40	37	34	28	56	38	36	25	41.1
	Minimum..	30	10	10	10	15	20	26	24	38	43	29	22	30	22	18	15	26	24	13	11	23	30	27	28	19	15	2	22	16	13	5	20.5
Hewitt-2 SW.	Maximum..	46	40	45	49	50	53	54	70	71	70	69	70	69	65	45	40	56	47	50	40	39	46	52	47	56	50	67	58	56	27	[52.5
	Minimum..	13	13	20	11	12	20	20	38	53	32	53	53	49	29	25	29	23	26	29	18	25	32	32	38	28	22	20	20	19	16	17	[26.9
Holtwood[1]	Maximum..	50	34	32	45	52	48	52	50	68	61	55	57	55	43	37	37	51	37	31	37	43	41	38	49	42	45	30	66	38	41	31	45.0
	Minimum..	34	20	20	22	27	32	32	30	33	37	34	36	34	27	27	25	32	28	21	23	32	34	29	30	28	28	21	30	32	23	21	28.5
Huntingdon	Maximum..	52	26	32	48	41	51	53	54	70	65	57	56	42	38	34	33	48	34	33	30	37	38	38	48	47	38	41	33	65	42	33	30	43.4
	Minimum..	24	14	10	12	17	24	27	29	30	55	31	39	32	28	26	18	29	24	16	18	27	32	28	30	28	21	9	33	33	23	14	25.2

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana 2.5 SE	Maximum	55	37	35	41	53	58	61	57	61	65	55	54	56	34	31	35	54	35	26	31	38	34	46	45	37	36	38	61	60	50	28	45.5
	Minimum	31	10	6	13	17	26	38	30	29	50	27	30	32	26	25	15	34	13	6	12	30	20	23	29	23	27	9	37	31	22	18	21.1
Irwin	Maximum	56	35	31	42	55	56	56	60	65	62	55	58	57	36	35	37	46	38	28	35	35	35	48	47	40	40	45	60	62	52	28	46.3
	Minimum	35	18	18	29	30	44	45	50	49	47	36	33	30	26	25	22	33	18	16	20	33	32	28	28	22	27	20	3	34	23	27	27.1
Jamestown/-2 NW	Maximum	41	27	35	43	48	58	60	62	63	57	51	64	37	35	28	46	40	31	32	35	37	35	43	36	38	35	59	56	57	26	30	43.2
	Minimum	28	15	13	12	23	26	31	35	41	46	25	26	25	24	21	14	19	18	14	9	24	26	25	23	20	20	10	18	24	18	14	22.2
Johnstown	Maximum	44	25	33	47	57	57	63	58	67	66	52	60	39	36	30	30	47	32	31	35	40	35	52	43	38	38	60	65	53	28	29	44.3
	Minimum	31	13	14	18	25	33	31	34	35	37	36	37	35	28	26	24	25	22	15	16	23	30	27	29	24	25	14	17	34	24	23	25.9
Kane[1]-1 N	Maximum	49	16	30	37	44	48	53	55	56	57	42	54	49	27	25	31	42	22	25	29	34	33	40	33	36	32	41	52	42	24	23	37.9
	Minimum	11	6	7	19	21	18	24	30	36	36	24	28	22	18	20	− 1	20	7	2	12	27	25	26	23	18	9	0	24	23	3	10	17.7
Lancaster	Maximum	48	42	28	42	51	44	49	49	65	67	58	51	56	41	41	35	48	40	29	30	35	38	37	47	46	43	36	58	55	35	35	44.5
	Minimum	33	16	13	14	17	23	35	25	29	34	40	34	39	23	22	18	28	29	15	17	30	31	26	22	28	26	16	26	30	36	17	25.3
Lawrenceville	Maximum	45	29	30	37	51	47	61	61	65	64	55	46	54	33	34	31	46	34	32	28	40	38	39	40	32	35	29	57	56	40	37	42.1
	Minimum	29	7	4	21	20	32	34	30	41	54	28	27	30	24	21	12	26	19	17	11	25	29	27	21	21	13	4	22	17	15	9	22.2
Lebanon	Maximum	52	24	33	45	54	54	56	68	70	50	58	46	41	34	40	46	37	32	34	37	39	40	49	34	44	31	54	38	34	29	33	43
	Minimum	32	13	13	17	19	23	34	36	29	36	40	34	37	26	21	23	23	30	19	2	25	32	27	26	27	26	16	18	28	28	16	25.7
Lewistown/-2 SW	Maximum	51	28	35	47	44	49	54	55	75	66	54	54	46	38	39	35	47	37	32	33	39	39	45	46	41	42	32	64	40	36	31	44.3
	Minimum	28	15	11	16	16	21	26	29	29	30	38	36	36	29	27	25	21	27	19	18	24	32	30	29	29	26	16	17	29	28	18	25.0
Lock Haven[6]	Maximum	48	39	33	45	36	43	50	48	66	65	58	45	53	36	32	33	45	38	31	28	38	38	42	45	38	39	29	53	42	40	30	42.1
	Minimum	31	12	10	20	20	23	29	27	35	49	32	32	35	27	24	18	27	24	18	18	25	33	31	30	25	24	12	28	25	19	1	24.9
Marcus Hook	Maximum	59	30	34	51	52	51	57	53	62	66	55	61	57	48	41	43	54	44	36	46	41	47	46	57	43	49	41	64	46	44	42	49.1
	Minimum	47	18	18	23	28	33	37	34	33	42	45	39	40	32	34	28	29	37	23	23	31	38	33	34	35	32	19	32	32	33	29	31.7
Martinsburg[1]	Maximum	48	22	27	43	50	50	49	56	66	64	48	54	55	37	29	33	44	30	25	25	38	33	46	41	35	38	33	61	48	34	26	41.5
	Minimum	16	11	11	22	30	31	35	34	45	48	31	35	28	25	22	19	30	20	11	20	24	28	23	30	22	17	9	32	31	17	18	25.0
Mauch Chunk-1 SW	Maximum	48	42	32	38	47	46	62	59	66	66	65	54	58	43	40	31	48	35	34	38	35	36	37	41	41	38	37	48	47	45	26	[5]43.3
	Minimum	24	10	11	12	16	15	31	24	31	38	34	25	39	24	20	18	29	28	24	14	28	30	24	23	27	20	8	24	24	23	17	[5]22.9
Meadville -1 S	Maximum	38	22	31	42	46	56	59	58	55	47	59	35	31	28	46	37	28	29	33	34	36	40	32	36	30	57	53	48	24	25	40.4
	Minimum	34	13	14	18	26	25	29	34	40	50	26	27	28	24	22	8	16	20	14	12	25	28	25	25	21	21	8	15	25	20	15	22.8
Mercer[1]-2 S NE	Maximum	52	19	29	39	48	55	57	57	58	56	45	58	44	30	26	38	46	25	26	30	33	31	40	33	32	35	48	56	48	25	27	40.2
	Minimum	15	11	12	20	30	32	33	44	42	37	27	32	25	22	19	17	22	13	11	19	28	26	24	24	18	12	10	25	25	12	11	22.7
Middletown[1]-1.5 W	Maximum	52	29	32	36	50	47	53	54	64	70	58	56	58	41	36	35	47	39	31	33	39	40	38	50	37	45	30	65	28	39	30	44.6
	Minimum	29	16	17	17	20	26	33	29	32	43	34	37	34	29	25	22	32	21	19	23	33	35	32	29	29	27	18	30	30	21	19	27.1
Midland[6]	Maximum	57	24	34	42	52	55	59	59	62	61	46	62	57	39	32	37	54	32	28	34	37	38	45	42	37	39	52	60	55	32	28	44.9
	Minimum	18	14	23	21	22	29	30	36	36	44	30	39	29	26	27	26	27	17	11	22	31	29	26	27	24	22	18	31	30	19	19	25.9
Montrose -3 E	Maximum	45	12	25	33	44	42	48	54	56	56	40	50	55	35	33	36	40	30	25	35	36	31	35	35	32	29	32	46	36	15	12	[5]36.4
	Minimum	26	5	5	8	24	27	29	33	33	40	30	28	32	25	21	15	25	22	14	14	20	27	27	26	20	17	2	5	8	12	3	[5]20.1
Mt. Pocono[1]-2 N	Maximum	46	18	27	34	48	42	47	56	59	65	50	53	54	30	27	28	39	32	23	30	35	32	33	35	24	32	24	59	36	33	22	37.5
	Minimum	18	3	8	16	22	27	30	32	43	47	26	27	23	18	16	13	24	18	6	11	24	25	23	27	16	6	0	18	16	6	5	19.1
New Bloomfield[1]	Maximum	50	38	32	46	44	46	50	58	65	65	63	43	62	39	33	34	46	40	30	32	40	38	36	47	38	43	33	63	40	37	28	45.8
	Minimum	26	12	9	11	16	22	26	24	29	41	31	27	34	24	15	17	26	25	14	14	30	31	21	23	21	23	11	25	25	24	13	22.3
Newburg[1]-3.5 NW	Maximum	44	18	20	40	36	38	42	46	56	58	46	46	48	32	28	24	42	30	22	22	32	30	38	38	28	34	22	59	38	40	20	36.0
	Minimum	12	8	8	10	18	22	24	24	28	38	26	30	24	22	20	12	20	16	8	12	24	24	18	30	20	18	10	30	23	12	12	19.5
New Castle[6]-1.5 N	Maximum	55	25	33	44	50	58	61	61	61	61	47	60	57	35	31	41	50	27	29	33	35	36	44	36	34	37	50	59	52	29	27	43.8
	Minimum	18	10	10	21	28	27	25	33	44	42	28	40	27	24	23	21	25	15	11	19	30	22	28	25	23	16	13	28	28	16	16	23.7
Palmerton[1]	Maximum	49	18	29	41	49	45	54	55	61	68	57	54	59	37	33	33	46	35	29	32	36	39	36	43	36	41	26	54	37	37	28	41.8
	Minimum	18	10	11	19	18	25	31	27	35	43	29	29	32	28	25	20	32	23	14	16	32	31	30	28	26	16	11	24	23	14	12	23.6
Park Place[1]-1 NW	Maximum	48	20	26	36	44	41	45	57	57	65	56	58	53	32	28	29	41	35	25	31	33	31	30	39	30	34	20	53	35	35	22	38.2
	Minimum	20	3	7	19	27	29	31	34	45	50	30	30	23	19	18	16	23	17	11	16	24	24	23	26	18	9	7	20	17	9	7	21.0
Phila Arpt.[1-7 SW	Maximum	58	36	32	46	52	48	53	53	65	68	58	62	64	43	38	39	53	43	32	41	43	44	46	51	43	49	32	60	42	42	31	47.3
	Minimum	36	14	14	22	24	37	33	29	40	48	36	36	35	29	28	24	33	29	21	24	35	32	30	36	29	28	18	31	31	20	19	28.7
Philadelphia C.O.[1]	Maximum	57	37	32	46	51	48	54	52	65	66	61	62	63	42	37	38	53	44	33	41	42	43	46	50	45	47	32	63	44	43	32	47.4
	Minimum	37	16	19	28	34	40	36	38	44	49	43	41	36	34	30	29	34	30	25	28	37	35	34	42	32	24	20	32	31	25	21	32.4
Phila. Shawmont	Maximum	56	42	34	45	52	48	52	56	66	69	63	52	63	44	44	39	52	46	32	36	42	42	42	50	45	47	40	60	37	40	30	47.3
	Minimum	40	17	17	18	22	28	29	28	35	41	44	33	44	24	24	20	40	29	20	19	30	32	28	29	32	27	16	28	33	30	18	28.2
Philipsburg[1]-7 E	Maximum	54	18	28	40	50	44	46	56	61	62	43	53	53	29	24	28	43	26	24	27	36	30	44	34	30	32	28	57	43	29	24	38.6
	Minimum	12	6	8	16	16	27	35	31	46	43	26	33	23	21	19	9	25	16	4	17	26	25	25	24	19	12	− 2	28	25	8	8	20.5
Phoenixville-1.5 SE	Maximum	55	42	35	47	55	49	54	57	68	74	59	49	63	43	37	39	54	46	44	40	40	44	41	50	37	47	37	62	44	37	32	47.8
	Minimum	34	15	13	14	17	22	34	24	31	38	36	27	40	20	19	18	31	32	16	32	32	30	25	24	28	24	14	27	29	33	15	25.5
Pittsburgh Arpt.[1-7.5 SE	Maximum	57	23	31	44	55	60	62	59	64	64	45	61	56	34	30	44	52	27	30	34	36	33	47	40	35	38	54	60	63	30	27	45.0
	Minimum	17	15	14	25	32	39	37	45	44	45	34	39	29	27	25	25	27	18	12	22	30	28	26	28	23	19	18	30	30	21	27	27.3
Pittsburgh City Office[1]	Maximum	60	24	35	45	56	60	63	61	66	64	46	63	58	37	32	49	55	30	30	35	39	35	48	42	37	39	58	62	62	32	30	46.7
	Minimum	19	17	20	29	37	38	34	45	50	45	38	44	32	31	28	29	29	22	15	28	33	31	30	31	23	25	22	34	32	23	23	30.3
Port Clinton/	Maximum	51	24	31	42	50	46	50	50	58	67	47	57	60	37	33	37	43	35	30	34	39	36	35	41	40	42	31	55	34	30	31	41.8
	Minimum	30	12	16	15	17	25	34	28	27	34	38	28	34	30	19	22	23	30	15	19	27	28	28	23	28	25	12	20	26	13	20	24.0
Putneyville/-2.5 SE	Maximum	54	23	34	42	52	55	59	58	63	59	51	53	67	36	34	42	49	43	28	30	39	42	50	58	42	49	55	55	58	33	28	46.2
	Minimum	25	8	8	12	16	25	28	38	34	42	26	29	30	20	20	14	14	14	5	6	19	24	24	24	18	18	10	10	25	18	13	19.7
Quakertown-0.5 E	Maximum	52	42	31	42	50	45	49	54	63	65	61	47	61	39	36	35	49	45	32	31	47	40	38	46	43	43	36	52	52	38	29	44.9
	Minimum	38	12	12	14	17	22	34	23	31	45	39	39	27	22	18	31	31	19	15	30	33	28	26	28	26	22	12	25	25	24	14	25.4
Reading[1]	Maximum	50	32	33	45	54	49	55	55	66	71	60	62	61	41	35	37	49	41	32	37	39	41	41	50	38	45	29	50	36	39	30	45.3
	Minimum	32	14	17	24	25	31	36	32	40	52	38	37	35	30	28	27	33	27	22	23	34	35	32	34	30	24	18	27	29	21	19	29.2
Ridgway/	Maximum	41	22	35	42	49	52	57	58	60	61	47	55	34	31	26	46	44	28	28	32	31	34	42	37	34	34	51	56	45	28	25	40.8
	Minimum	28	4	2	8	16	18	21	27	30	46	23	22	30	20	19	0	2	8	0	0	19	25	25	24	19	18	1	3	25	18	9	16.5
Scranton[1]	Maximum	48	23	27	37	43	49	51	55	59	64	54	59	59	35	31	33	44	36	30	33	40	35	39	41	26	37	28	49	41	37	26	41.2
	Minimum	23	10	14	24	23	30	35	32	43	54	31	29	32	26	24	20	32	26	18	18	33	32	30	33	25	13	10	20	18	12	10	25.2
Selinsgrove	Maximum	50	39	32	45	42	41	50	55	61	64	61	46	54	39	34	34	45	42	31	29	38	38	37	45	40	40	30	59	45	39	29	43.1
	Minimum	38	15	12	17	20	23	29	30	32	47	34	30	31	26	25	18	29	27	14	17	29	26	29	26	26	18	28	26	24	14	14	25.3
Somerset	Maximum	54	28	34	42	54	53	60	54	63	63	58	53	55	33	29	37	49	32	28	25	37	30	47	45	39	35	36	61	61	46	24	44.0
	Minimum	28	8	− 2	16	20	21	23	26	26	43	27	28	30	24	20	15	30	16	9	14	23	25	19	27	20	25	0	34	32	19	13	21.5
Springs[6]-1 SW	Maximum	54	27	34	41	50	58	59	58	61	60	51	54	54	33	27	35	50	29	26	30	39	28	47	43	37	37	38	59	58	40	21	43.0
	Minimum	25	7	− 2	21	30	28	27	30	36	48	30	31	30	23	20	14	26	16	11	17	22	24	17	28	17	28	9	34	33	18	19	23.1
State College[1]	Maximum	55	22	31	41	54	47	49	57	64	62	49	50	52	33	28	31	43	31	28	28	35	34	47	38	34	36	30	59	40	29	28	40.8
	Minimum	16	11	15	25	31	29	40	36	46	49	35	37	28	25	23	20	31	21	13	22	28	29	29	31	23	18	11	30	28	20	16	26.3
Stroudsburg-2 E	Maximum	50	32	33	42	52	48	52	56	64	70	65	46	61	53	39	37	44	44	38	32	36	34	38	37	40	37	33	46	41	33	32	[5]42.9
	Minimum	23	12	18	20	21	32	31	30	42	41	36	26	25	29	19	18	31	30	14	16	32	26	25	23	28	26	11	24	23	24	9	[5]24.2
Tamarack/-2 S	Maximum	44	17	25	39	48	41	45	57	61	60	44	47	33	29	24	34	42	27	27	30	32	30	39	37	30	34	45	54	24	24	37.3
	Minimum	27	2	− 2	9	21	31	31	35	39	47	26	26	30	16	16	11	11	15	6	6	16	23	23	22	18	18	7	9	21	18	9	19.1
Tionesta/-1.5 SE	Maximum	38	37	32	43	47	52	52	57	59	59	46	57	44	30	26	44	39	25	27	32	35	35	42	33	34	30	56	56	49	24	30	40.9
	Minimum	33	8	10	15	17	23	23	24	34	37	27	28	29	23	21	10	11	15	5	9	22	21	27	25	20	20	5	9	25	20	15	19.7
Titusville-2 S	Maximum	48	26	28	38	46	52	56	56	57	57	53	53	55	29	24	27	40	29	25	26	30	30	39	39	28	31	31	52	46	36	24	39.1
	Minimum	26	9	13	23	26	27	33	42	41	51	26	33	26	22	20	7	25	16	9	13	23	26	26	23	19	17	8	26	24	17	13	22.9
Towanda-1 E	Maximum	49	30	29	40	51	48	51	57	64	62	58	55	57	36	33	31	46	37	32	28	40	39	37	43	36	37	29	55	39	41	28	42.5
	Minimum	29	9	10	20	19	25	34	29	41	50	28	25	31	26	22	16	27	27	15	14	28	30	28	29	22	14	5	19	16	12	8	22.8
Tunkhannock[6]	Maximum	50	33	28	38	44	49	50	55	58	63	55	61	54	36	34	43	46	35	29	39	41	39	43	43	38	39	43	59	42	33	27	[5]43.3
	Minimum	33	6	10	20	19	26	42	28	38	43	29	29	26	24	16	22	26	12	13	20	31	30	25	25	18	4	8	16	18	18	7	[5]22.2
Uniontown	Maximum	56	35	36	46	55	64	64	58	67	65	56	65	60	41	35	44	56	36	28	35	40	34	52	49	43	45	56	66	65	48	29	45.3
	Minimum	35	15	9	23	28	32	33	40	40	54	34	37	34	30	27	25	36	21	14	21	34	30	23	28	25	32	19	44	35	25	24	29.3

Continued on page 96.

Daily Temperatures for December 1946—Continued from page 95.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum	58	26	33	43	55	61	63	59	65	63	50	60	58	37	32	43	53	32	29	33	39	36	49	40	37	40	50	63	60	37	31	46.3
	Minimum	20	12	10	19	24	29	24	33	35	50	30	35	30	29	27	23	24	20	12	18	32	31	28	30	25	20	14	31	32	21	22	25.5
Warren	Maximum	50	21	32	42	48	55	56	58	60	54	54	55	57	34	32	31	43	26	32	32	36	35	41	35	37	34	31	56	47	30	26	41.3
	Minimum	16	8	14	25	27	24	34	32	44	50	27	31	29	25	22	7	25	16	14	14	18	26	28	24	26	16	10	25	23	11	12	22.7
Waynesburg	Maximum	58	33	33	45	55	61	63	58	65	62	54	62	55	37	34	36	54	35	30	33	37	33	50	49	38	44	58	62	64	48	27	47.4
	Minimum	32	12	8	19	25	30	25	38	38	52	30	38	32	27	24	24	32	17	9	19	31	28	23	27	22	29	17	41	34	21	21	26.6
Wellsboro/	Maximum	43	17	28	39	50	46	49	56	64	63	47	53	37	32	30	35	45	32	32	32	37	34	39	39	34	32	38	55	38	26	29	39.7
	Minimum	28	6	2	8	18	22	26	32	33	45	30	26	35	22	20	12	15	20	11	10	21	28	27	25	22	22	4	3	17	18	7	19.8
Wellsville	Maximum	51	44	30	46	58	48	51	56	57	68	62	44	56	42	36	35	48	44	31	30	35	39	38	48	45	45	32	65	48	39	30	45.2
	Minimum	26	15	10	12	17	19	30	25	28	47	38	27	38	22	18	15	28	29	12	16	29	32	20	33	28	22	16	27	29	29	17	24.3
West Chester	Maximum	54	42	32	45	52	49	54	55	69	71	58	52	61	41	37	39	51	46	30	35	37	42	39	50	42	47	36	62	38	38	29	46.2
	Minimum	42	14	15	20	26	35	34	32	40	45	42	35	38	25	26	22	31	27	20	21	33	31	28	32	28	28	16	26	29	27	17	28.5
Wilkes-Barre[1] Apt. -3N.	Maximum	48	24	30	41	48	50	51	55	60	66	55	60	59	36	32	33	44	37	30	34	39	38	37	42	35	40	30	47	42	38	27	42.0
	Minimum	24	11	12	19	19	24	30	27	36	45	26	28	31	24	23	21	29	23	14	19	28	32	31	29	26	14	11	21	19	12	11	23.2
Williamsport Arpt.[1-4 E]	Maximum	44	21	30	43	36	43	48	49	56	62	52	55	55	35	32	32	45	34	31	32	37	37	35	40	34	38	28	47	37	36	26	39.7
	Minimum	21	11	13	19	19	21	30	29	31	44	30	30	30	26	20	20	29	20	16	18	32	32	32	30	26	16	11	28	24	15	13	23.7
Williamstown	Maximum	49	42	33	41	51	44	52	61	64	67	64	46	58	38	34	34	45	44	30	30	38	37	37	45	42	41	33	59	47	33	28	44.1
	Minimum	35	10	15	12	18	19	32	28	32	45	35	28	36	25	18	22	28	27	16	14	26	32	26	26	25	23	9	24	26	26	11	24.2
York-3 SW	Maximum	52	45	32	48	52	52	57	60	64	70	63	50	61	43	37	39	52	46	34	31	42	41	38	50	46	47	40	66	59	40	33	48.1
	Minimum	31	17	12	13	19	24	35	27	31	32	41	30	38	22	21	18	32	31	14	18	32	31	24	26	30	25	17	28	31	31	17	25.7

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum* velocity	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days:
Erie	30.77	31	29.21	12	11.5	29	w.	13§	79	72	81	16	906
Harrisburg	30.67	31	29.37	13	8.0	34	nw.	26	72	55	62	54	887
Philadelphia	30.68	31	29.36	13	8.1	27	nw.	2§	77	55	64	62	776
Philipsburg	30.67	31	29.37	13	.....	40	w.	28	84	67	75	.....	1102
Pittsburgh	30.66	31	29.41	12	12.0	40	nw.	28	74	58	65	25	897
Reading	30.68	31	29.37	13	11.2	40	nw.	1§	67	.....	.....	55	860
Scranton	30.71	31	29.31	13	7.8	30	nw.	2	81	71†	.....	46	988

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.4	3.4	31	2.0	9†	18
Easton	Delaware	1.5	2.5	22	1.1	21	22
Lehighton	Lehigh	2.9	3.6	22	2.4	20	9
Reading	Schuylkill	3.8	5.8	22	3.0	3	13
Wilkes-Barre	N. Br. Susquehanna	2.8	3.2	16	2.4	29	22
Williamsport	W. Br. Susquehanna	1.7	4.5	31	1.1	21	20
Newport	Juniata	3.7	5.7	31	3.4	6†	22
Harrisburg	Susquehanna	3.6	4.2	31	3.4	7†	17
Schenley, (nr) Lock No. 5.	Allegheny	13.5	18.5	30	12.3	9	24
Sutersville	Youghiogheny	3.9	7.6	30	2.9	4	20
Charleroi (nr.), Lock No. 4	Monongahela	12.3	15.2	31	11.0	9	30
Pittsburgh	Ohio	*	*	....	*	.....	25
Midland, Dam No. 7	Ohio	*	18.1	30	*	.....	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																			1								1	1			
Fog, heavy	3					3	3	4	3			13							3			3	10						5	13	
Frost, killing																															
Glaze												4			14	1	1		18	16	1					1	16	17	29	2	
Hail																													1		
Rain, heavy																															
Sleet												1			1	15	2	2	1	25	3				2	6	4	18			
Snow, heavy																															
Thunderstorms																													11		
Winds, high	26	26								6	10		22	39	22	12	4	12	2		5	4	18	8	9	18	24	6	28	18	16	

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).

[a],[*b],[c], etc. Number of days missing, for example, [b] indicates two days missing.

Italics, data interpolated.

§ Partly interpolated.

§§ Incomplete.

† And other dates.

†† Daily amounts inconsistent.

‡ Received too late to be included in means and summaries.

* Included in next measurement.

// Windshield on gage.

/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.

(W. B. O., Philadelphia—2-3-47—975)

1.05
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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LI. ANNUAL SUMMARY 1946. No. 13.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

This year was pleasant from almost every standpoint. It was warm in the winter and cool in the summer. March was practically as warm as April, and September was almost as summery as August. June, July and August averaged the coolest since 1927. Precipitation was subnormal, but sufficient for growing crops, only May, June and October having shown excesses of rainfall. January and April were the driest of record. Sunshine and warmth made the growing season, which continued into November, the longest within the memory of some of the oldest crop observers. Snowfall was but half of the normal, in decided contrast to the previous year. There was but a trace of snow in September, October and November, a record equalled only in 1918.

Not all months offered ideal weather, however. February was quite wintry, while May, a very wet month, recorded record-breaking floods in north-central counties.

WEATHER BY MONTHS

JANUARY: A record month, this was the driest January in the 59 years of record. It was a little warmer than the normal. Snowfall was less than half of the normal, and only 22% of the previous January. Swollen rivers were produced early in the month by thawing of snow, augumented by some rainfall, but no flooding occured.

FEBRUARY: This was a typical Pennsylvania winter month, with temperature, precipitation and snowfall close to average. High winds occurred on St. Valentine's Day, which offered in addition, a variety of other weather, including a drop in temperature from near 60 to near zero readings in 24 hours, as well as heavy showers changing to snow. Heavy snowfall occured on the 19th, with falls of up to 18 inches in the mountain areas, followed by two days of windy weather, drifting the snow and blocking roads.

MARCH: Only March 1921 and 1945 were warmer, and then but slightly. Stations in the extreme west portion reported the highest means of record. Snowfall was the least since 1903, and was the second lowest amount of record. Fruit trees were advanced about four weeks.

APRIL: The proverbial "April showers" were not very heavy this year. Precipitation averaging only 35% of the normal made this the driest April of record. The total was 75% of the previous low established in 1900. Drought conditions developed in the southeast. Frost was a constant threat, owing to the advanced stage of vegetation so early in the season. There was serious damage in commercial fruit areas on the 11th and 28th. Dry conditions increased the number of forest fires, but constant vigilance kept losses low.

MAY: The "April showers" came a month late, this having been the wettest month since August 1933 and the second wettest May of record, exceeded only by that of 1894. Rain was general throughout the month to the 22d, but excessive rainfall of the 27th produced the most serious flooding of record in portions of Lycoming, Tioga and Bradford Counties. Flood stages were exceeded generally on the Susquehanna and at scattered points on the Ohio and Delaware Rivers, but to a lesser extent than in the north-central counties, where, as the waters receded, 12 deaths and millions of dollars damage were reported. These figures are much less than in the March 1936 flood, principally because of smaller areal coverage and greatly improved warning systems.

JUNE: This was another wet month, the wettest June since 1928 and the fourth wettest of record. Again there were floods and threats of flood, with serious damage reported in the Philadelphia area, northern Cambria County and southwestern counties. Eight deaths and property damage of more than a million dollars were attributed to weather causes, including, besides flooding, wind and lightning, and a rock slide near Viaduct in Clearfield County that resulted in a railroad wreck.

JULY: Those who were forced to stay home during the summer enjoyed pleasanter weather than usual. July was relatively cool and, despite the frequency of thunderstorms, which averaged one every other day, it was drier than usual. Very little hail was observed during the thunderstorms, but four deaths from lightning occurred at scattered places. An all-time 24-hour rainfall record was set at Wilkes-Barre on the 31st, when 7.62 inches was measured in 24 hours. The bulk of the rain occurred in less than eight hours and resulted in flooding of cellars and streets. Some complained that damage was heavier than in a major flood.

AUGUST: Continuing the cool trend of the past four months, this was the second coolest August of record. Rainfall was but slightly deficient for the State as a whole, but it was a dry month for the western counties. There were frequent thunderstorms, however, being most general on the 26th, when damaging hail occurred at several places. Depths of hail ranged to over three inches near Doylestown and in the vicinity of Harrisburg. Crops and gardens were damaged, some a total loss. A tornado struck a rural community in the vicinity of Lime Valley, 11 miles south of Lancaster, on the 19th, and caused some damage to property and crops, but no casualties.

SEPTEMBER: This was a warm and pleasant month, less than three degrees cooler than August. There were only 7 days with rain, but thunderstorms were general on the 10th and 29th. Wind did extensive damage at Lock Haven on the 10th, having injured two persons and destroyed considerable property, including several airplanes, buildings and power lines. Wind and hail wrought damage on the 29th in Beaver County.

OCTOBER: With temparatures, sunshine and rainfall above normal, this was a good growing month. Pastures greened almost as in spring, saving farmers the cost of fodder. This was the 6th warmest October of record. Unseasonably warm weather of record proportions came at the end of the month.

NOVEMBER: The warm trend of the past two months continued throughout the month, but unlike October, November was dry, with but 44% of the normal precipitation. This was the 7th warmest and 6th driest November of record. Only a trace of snow fell during the month.

DECEMBER: For the beginning of winter, this was a quite pleasant month, having been relatively dry, sunny and warm. Real wintry weather was in evidence the first few days, with quite low temperatures and blustery winds. The rest of the month was generally confortable, with several warm spells in which notable maxima were recorded, when temperatures in the 60's were general. The State had a white Christmas, except in the southeast portion.

Climatological Data for the Year 1946

Stations	Counties	Elevation, feet	Length of record, years	Temperature (degrees Fahrenheit)						Precipitation (inches)						Sky			Prevailing direction of wind
				Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall (unmelted)	Number days with .01 or more	Number clear days	Number partly cloudy days	Number cloudy days	
Atlantic Drainage.																				
Allentown Arpt. 4 NE..	Lehigh	384	6	52.2	95	June 25	4	Feb. 22	6	41.53	6.80	May	0.64	Apr.	16.5	112	105	108	152	w.
Altoona, 4.5 W	Blair	1,500	49	50.4	92	July 19	− 3	Jan. 23	60	45.46	9.51	June	1.05	Nov.	29.9	125	189	116	60	w.
Burnt Cabins, 2 NE.	Fulton	990	5	51.1§	98	July 19	− 8	Jan. 23	5	38.59§	7.23	May	0.92	Nov.	21.0	120	177	45	143	w.
Canton, 1 NW	Bradford	1,450	2	47.9§	92	July 19	− 3	Jan. 20†	7	46.52§	9.59	May	0.92	Nov.	20.5	125	126	136	103	sw.
Carlisle	Cumberland	173	80	54.0§	94	July 19	6	Jan. 23	57	40.00	6.87	June	0.47	Nov.	19.0	116	209	63	93	sw.
Chambersburg, 1 SW.	Franklin	640	47	52.6	100	July 19	− 1	Jan. 23	50	40.35	6.95	May	0.89	Nov.	18.6	111	169	110	86	sw.
Coatesville, 1 SW	Chester	400	58	53.2§	96	July 20	9	Jan. 23†	58	43.87	8.53	June	1.07	Nov.	11.0	104	169	50	146	sw.
Curwensville, 6 NW	Clearfield	2,215	4	46.6	86	July 9†	−10	Jan. 27	4	46.83	7.15	May	1.06	Apr.	34.1	160	73	98	194	w.
Eagles Mere	Sullivan	2,020	4	46.5	87	July 19	− 4	Jan. 20†	10	44.83	9.46	May	0.82	Apr.	29.7	110	127	112	126	w.
East Waterford, 3 E.	Juniata	2,125	3	50.2	89	Sept. 9	3	Jan. 23	10	45.15	7.88	May	0.93	Apr.	28.2	124	97	118	150	nw.
Emporium, 1 E	Cameron	1,100	57	48.8§	91	June 26†	− 27	Jan. 23	58	41.81§	7.78	May	1.22	Apr.	.....	.....	.....	.....	.....	nw.
Ephrata	Lancaster	365	45	54.6	96	July 19	8	Jan. 23	54	41.43§	7.98	June	0.99§	Nov.	11.0	113	157	113	95	s.
Everett, 0.5 SW	Bedford	1,020	26	50.8§	97	July 19	−13	Jan. 23	25	37.67§	6.92	May	0.79	Nov.	21.7	120	.....	.....	.....	w.
Freeland	Luzerne	1,970	52	49.6§	90	July 19	− 2	Jan. 20	53	45.38§	10.19	May	0.88	Apr.	29.3	.....	96	34	235	w.
George School	Bucks	160	40	53.6	95	July 20	4	Jan. 23	40	38.14	6.83	July	1.23	Apr.	10.2	108	167	116	82	nw.
Gettysburg	Adams	500	70	54.6	93	July 19	5	Jan. 23	73	35.16	6.09	May	0.57	Nov.	17.0	111	191	82	92	sw.
Gordon	Schuylkill	900	43	50.0	94	July 19	− 5	Jan. 23†	43	38.83	8.92	May	1.03	Nov.	15.6§	114	162	88	115	w.
Hanover	York	600	42	54.8	94	July 8	8	Jan. 23	43	34.10	6.10	May	0.72	Apr.	14.2	114	171	84	110	s.
Harrisburg(Arpt.), 3.5 S	Dauphin	364	58	54.1	96	July 19	7	Jan. 23	58	33.58	7.54	May	0.57	Apr.	16.2	115	92	103	170	nw.
Hawley, 0.5 E	Wayne	980	28	49.0	96	July 19	−10	Feb. 22	36	41.67	7.63	May	0.66	Nov.	35.1	127	179	102	84	w.
Holtwood	Lancaster	200	28	55.3	93	July 19	10	Jan. 23	33	31.44	6.36	May	0.86	Nov.	13.5	111	158	90	116	nw.
Huntingdon	Huntingdon	700	57	51.8§	97	July 18	−12	Jan. 23	59	44.78	8.26	June	0.96	Apr.	17.1	118	126	91	148	w.
Lancaster	Lancaster	255	44	53.0	93	July 7	3	Feb. 22	55	43.57	7.98	May	1.00	Jan.	12.5	127	218	67	80	nw.
Lawrenceville	Tioga	996	49	49.9§	96	July 19	−11	Jan. 23	49	37.52§	8.40§	May	0.63§	Nov.	25.0	108	136	121	108	.....
Lebanon	Lebanon	469	58	53.1	96	July 19	2	Jan. 23	63	37.89	6.90	May	0.73	Apr.	16.3	104	213	70	82	sw.
Lewistown, 1 W.	Mifflin	580	8	52.6§	96	July 19	− 4	Jan. 23	8	43.63§	7.41	June	0.49	Apr.	19.4	114	109	128	128	w.
Lock Haven	Clinton	554	56	52.2	95	July 19	− 5	Jan. 23	56	48.64	9.11	May	0.54	Apr.	17.6	118	176	77	112	e.
Marcus Hook	Delaware	12	20	59.6§	101	July 7	14	Jan. 20†	20	39.59	6.59	June	1.41	Jan.	4.7§	104	151	103	111	sw.
Martinsburg	Blair	1,460	4	50.0	90	July 19†	− 6	Jan. 23	4	40.01	6.69	June	0.74	Nov.	19.1	125	80	105	180	w.
Montrose, 3 E	Susquehanna	1,176	41	46.7§	90	July 19	− 5	Jan. 20†	41	41.92§	8.87	May	0.77	Apr.	40.9	151	121	82	162	s.
Mt. Pocono, 2 N	Monroe	1,914	40	46 4	88	July 19	− 5	Jan. 20	40	46.14	8.87	May	1.07	Nov.	32.1	126	91	113	161	w.
Palmerton	Carbon	435	21	50.4	93	July 19	0	Jan. 23	30	38.86§	7.48	July	0.50	Apr.	17.3	105	177	87	101	sw.
Philadelphia (City)	Philadelphia	26	76	56 8	95	July 20	11	Jan. 20	76	40.88	8.61	June	1.22	Oct.	4.5	97	112	104	149	sw.
Philipsburg, 7 E	Centre	1,914	4	45.9	87	July 19†	−17	Jan. 23	4	45.63	8.05	May	0.83	Nov.	31.4	139	76	97	192	w.
Phoenixville, 1.5 SE	Chester	100	37	54.7	97	July 20	− 3	Jan. 23	37	39.02	7.90	May	0.85	Apr.	12.9	91	.....	.....	.....	sw.
Port Clinton	Schuylkill	430	8	51.0	93	July 19†	2	Jan. 23	8	44.04§	8.61	May	1.02	Nov.	19.5	108	215	60	90	.....
Quakertown, 0.5 E	Bucks	480	59	52 2	94	July 20	− 1	Feb. 22	61	50.31	10.64	May	0.94	Apr.	10.6	126	162	108	95	nw.
Reading	Berks	273	49	54.8	94	July 19	8	Jan. 20	69	37 84	7.72	June	0.66	Apr.	14.8	116	115	92	158	nw.
Scranton	Lackawanna	746	52	51.2	94	July 19	2	Jan. 20	52	36.72	9.41	July	0.62	Jan.	20.2	122	99	142	124	n.
Selinsgrove	Snyder	476	57	51 4	94	July 19	− 2	Jan. 23	57	43.15	11.32	May	1.09	Nov.	17.8	125	119	132	114	sw.
State College	Centre	1,175	58	51.1	92	July 19	− 1	Jan. 23†	62	40.34	7.57	May	0.63	Apr.	24.0	118	105	112	148	sw.
Stroudsburg, 2 E	Monroe	327	32	52.4§	96	June 25	− 2	Jan. 23	29	41.10§	7.06§	Sept.	0.77	Nov.	16.8	117	137	73	155	w.
Tamarack, 2 S	Clinton	2,200	4	46.9	86	June 27	− 3	Jan. 23	6	39.25	8.69	May	0.83	Apr.	27.7	124	95	139	131	w.
Towanda, 1 E	Bradford	755	52	50.2	94	July 19	− 8	Feb. 22	52	40.90	8.81	May	0 67	Nov.	19.4	130	125	129	111	nw.
Wellsboro	Tioga	1,319	66	47.2	92	July 19	−13	Jan. 23†	76	35.82	8.63	May	0.55	Nov.	22.3	131	116	100	149	w.
West Chester	Chester	440	92	54.6	94	July 20	8	Jan. 23	96	41.38	7.86	June	0.94	Nov.	11.0	116	159	106	100	nw.
Wilkes-Barre	Luzerne	549	8	51.3	98	July 19	− 1	Feb. 22	8	43.29§	9.51§	May	0 73	Jan.	16 5	117	83	93	189	s.
Williamsport (Arpt.), 4E	Lycoming	520	4	50 8	96	July 19	− 7	Jan. 23	6	43.05	9 45	May	0.89	Nov.	16.7	121	78	105	182	nw.
Williamstown	Dauphin	775	31	52.0	93	July 19	− 3	Jan. 23	12	42.85	9.54	May	1.04	Nov.	11.5§	104	54	208	103	.....
York, 3 SW	York	390	48	55.3	97	July 8†	2	Jan. 23	59	40.78§	8.39	May	0.83	Jan.	14.8§	111	163	96	106	w.
Ohio Drainage.																				
Blairsville, 6 NE	Indiana	2,048	1	49.8	88	July 11	− 2	Jan. 27	10	44.21	8.76	June	1.17	Jan.	32 8	156	86	57	222	se.
Bradford, 1 W	McKean	1,680	20	46.6	87	June 30†	12	Jan. 27	29	44.38	8.03	May	1.57	Apr.	57.8	159	89	133	143	nw.
Brookville	Jefferson	1,400	35	48.4	90	July 11	−14	Jan. 23	55	40.08	7.25	June	1.46	Jan.	20 0	152	88	81	196	w.
Butler	Butler	1,077	24	52.0	96	July 12	−12	Jan. 23	32	30.74	4.78	May	1.47	Jan.	14.9	109	150	113	102	nw.
Clarion, 3 SW	Clarion	1,114	3	49.8	94	July 11	−14	Jan. 23	10	36.96	5.36	May	1.38	Jan.	22.1	142	96	76	193	w.
Claysville	Washington	1,170	42	51.0	95	July 11	− 4	Jan. 23†	12	30.90	6.04	June	0.88	Jan.	13.0	111	150	79	136	w.
Corry	Erie	1,427	32	48.0	90	June 30†	−15	Jan. 23	32	37.43	6.34	June	1.06	Jan.	56.0	148	149	97	119	sw.
Coudersport	Potter	1,653	17	47.2§	90	July 19	−15	Jan. 23	22	37.42§	8.24	June	1.09	Jan.	37.4	129	127	105	133	se.
Derry	Westmoreland	1,150	50	53.2§	94	July 11	0	Jan. 23	50	40.77	6.64	July	1.07	Jan.	14.5§	119	171	97	97	w.
Donegal	Westmoreland	1,746	3	48.2	92	July 11	− 9	Jan. 23	3	51.94	10.16	July	1.62	Jan.	25.0	153	105	188	72	w.
Donora	Washington	761	20	55.4§	95	July 10†	6	Jan. 23	20	30.45	4.56	June	0.60	Jan.	4.2	119	131	103	131	nw.
Ebensburg	Cambria	2,060	29	48.6§	86	July 19†	− 3	Jan. 23	28	45.49§	10.23	June	1.26	Nov.	32.7	142	73	106	186	sw.
Farrell	Mercer	855	34	54.6§	99	July 11	− 3	Jan. 23	34	34.67§	7.77	May	1.00§	Jan.	17.0	107	180	103	82	sw.
Ford City, 4 S	Armstrong	950	3	50.2	92	July 11†	−17	Jan. 23	3	37.58	6.87	June	1.43	Jan.	18.2	134	163	57	145	w.
Franklin	Venango	987	53	49 6	92	July 9†	− 4	Jan. 23	74	35.50	9.38	May	1.06	Sept.	33.5	135	185	73	107	s.
Greensburg, 2 S	Westmoreland	977	38	52.1§	92	July 10†	− 2	Jan. 23	38	37.57§	5.64	May	1.11§	Jan.	10.3	134	157	54	154	sw.
Indiana	Indiana	1,300	44	52.0§	92	July 11	− 2	Jan. 22	34	43.51§	9.18	June	1.13§	Jan.	19.6	141	169	109	87	s.
Jamestown, 2 NW	Mercer	1,050	5	50.2	94	July 11	− 7	Jan. 27	15	34.49	6.92	May	0.66	Jan.	.....	141	.....	.....	.....	se.
Johnstown	Cambria	1,650	55	53.0	95	July 8†	− 7	Jan. 23	65	41.56	7.91	June	1.22	Nov.	26.6	131	156	81	128	s.
Kane, 1 N	McKean	1,750	3	44.7	87	June 30†	−18	Jan. 27	31	45.30	9.89	May	1.76	Jan.	45.6	160	132	44	189	w.
Meadville, 1 S	Crawford	1,065	53	48.6	93	July 11	− 8	Jan. 23	54	35.32	6.67	June	1.03	Sept.	10.4	143	94	127	144	sw.
Mercer, 2.5 NE	Mercer	1,200	7	49.2	92	July 11	− 3	Jan. 23†	7	40.22	10.62	May	0.97	Jan.	16.9	147	74	111	180	w.
Midland	Beaver	780	9	52.6	95	July 11	− 1	Jan. 23	10	35.39	8.14	May	1.05	Jan.	8.5	128	139	99	127	nw.
New Castle, 1.5 N	Lawrence	900	66	51.9	94	July 18†	− 1	Jan. 23	62	34.17	9.46	May	0.97	Jan.	11.9	128	123	130	112	n.
Pittsburgh (Airport)	Allegheny	1,286	13	53.6	95	July 11	1	Jan. 22	13	29.25	4.93	June	0.99	Nov.	16.2	131	88	108	169	s.
Putneyville, 2.5 SE	Armstrong	1,300	3	49.6§	94	June 26	−13	Jan. 23	3	39.40§	5.70	June	1.41§	Jan.	22.4	135	92	117	156	ne.
Ridgway	Elk	1,385	31	47.1	98	July 18	−15	Jan. 23	40	39.13	6.29	June	1.43	Apr.	24.5	138	124	89	152	s.
Somers t	Somerset	2,100	79	48.9	89	July 19	−18	Jan. 23	63	40.97	6.81	June	1.24	Apr.	23.1	142	69	86	210	sw.
Springs, 1 SW	Somerset	2,500	26	47.6	86	July 19	−11	Jan. 23	27	41.24	7.40	June	1.89	Jan.	28 4	161	95	77	193	w.
Tionesta, 1.5 SE	Forest	1,200	3	48.0	94	July 8	−12	Jan. 23	10	38.53	7 62	May	1.21	Sept.	28.3	144	157	42	166	w.
Titusville, 2 S	Crawford	1,550	3	48.6	87	June 29†	− 4	Feb. 4	3	42.81	9.32	May	1.29	Sept.	39.6	161	37	246	82	sw.
Uniontown	Fayette	1,040	57	55 4	93	July 11	5	Jan. 23	58	38.38	7.28	June	1.68	Nov.	6.5	134	133	140	92	sw.
Vandergrift	Westmoreland	825	32	53.4	97	July 11	− 8	Jan. 23	33	33.57§	5.89	June	0.96§	Jan.	.....	114	120	87	58	.....
Warren	Warren	1,190	52	50.2	93	July 11	−10	Jan. 27	58	35.27	7.21	June	1.03	Apr.	32.6	148	.....	.....	.....	s.
Waynesburg	Greene	1,100	16	53 2	93	July 10	1	Jan. 23	20	34.00	6.12	June	1.16	Jan.	4.0	99	95	154	116	w.
Lake Drainage.																				
Erie	Erie	705	74	52.0	95	July 11	7	Jan. 22†	74	40.88	7.68	May	1.11	Jan.	31.6	143	86	110	169	w.
For the State				51.1	101	July 7	−27	Jan. 23	.....	39.64	11.80	May	0.40	Jan.	21.3	125	131	102	132	w.

Figures and letters following station indicate distance in miles and direction of station from the city or town. † Also on other dates. § Partly interpolated.

Monthly and Annual Precipitation for the Year 1946, with Departures from the Normal.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ATLANTIC DRAINAGE																										
Delaware Basin																										
UPPER DELAWARE																										
Dingmans Ferry, ½ E	1.49	...	2.61	.....	1.99	....	0.86	.....	7.27	.....	2.85	....	4.42	.....	2.56	....	4.90	.....	2.00	.....	0.61	....	2.19	.....	33.75	....
Equinunk	1.48	.....	3.67	....	2.32	.....	1.74	.....	8.26	.....	6.18	...	3.85	.....	5.59	.....	3.23	.....	2.66	.....	1.10	.....	2.30	.....	40.33	.....
Hawley, ½ E	1.23	−1.50	2.51	−0.11	2.33	−0.86	1.52	−1.75	7.63	+3.97	8.35	−0.55	5.64	+1.39	6.91	+2.79	5.57	+1.96	2.22	−1.18	0.66	−2.33	2.10	−0.78	41.67	+1.05
Hollisterville	1.39	−1.38	2.60	−0.11	3.01	−0.54	1.42	−2.12	7.78	+3.86	4.29	−0.14	5.03	+0.25	3.89	−0.05	5.23	+1.26	1.99	−1.43	0.83	−2.31	1.81	−0.95	39.27	+3.61
Lakeville, 1 N	$0.70	−1.97	2.40	−0.22	$2.17	−1.41	1.34	−2.32	6.75	+2.74	4.40	−0.16	4.72	−0.11	5.47	−0.82	5.14	+1.19	2.43	−1.18	0.70	−2.31	1.99	−0.68	$38.21	−5.61
Matamoras	1.25	−1.58	2.57	+0.02	1.89	−1.31	0.99	−2.46	6.52	+3.06	3.23	−0.80	4.00	+0.13	3.38	−0.49	4.83	+1.27	1.94	−1.33	0.65	−2.36	2.32	−0.63	33.57	−6.46
Milanville	1.28	....	2.42	.....	2.15	.....	1.61	.....	7.31	.....	2.99	....	4.33	...	4.95	.....	4.82	.....	2.48	.....	0.70	....	2.35	.....	37.39	.....
Mount Pocono, 2 N	2.05	−1.33	3.71	+0.78	3.75	−0.11	1.59	−2.30	8.87	+4.79	3.02	−2.14	5.58	+0.44	2.53	−1.98	7.27	+2.35	3.95	−0.66	1.07	−2.27	2.75	−0.86	46.14	−3.29
Pecks Pond	1.43	.....	2.61	.....	2.33	.....	0.98	.....	8.88	....	4.18	....	3.10	.....	3.65	.....	6.48	.....	2.54	....	0.82	.....	2.31	.....	39.31	.....
Pleasant Mount, 1 W	0.98	.....	3.22	.....	2.87	.....	1.84	.....	10.00	.....	4.73	.....	6.07	.....	2.64	.....	2.44	.....	2.72	.....	1.50	.....	2.43	.....	41.44	.....
Stroudsburg, 2 E	1.84	−1.42	2.43	−0.32	3.04	−0.74	1.09	−2.61	6.39	+2.89	4.85	+0.08	5.66	+0.54	2.68	−2.18	$7.06	+3.44	2.86	−0.85	0.77	−2.97	2.43	−0.88	$41.10	−5.02
Tanners Falls, 1 SE	1.16	.....	3.12	.....	2.30	.....	1.39	.....	7.94	.....	3.68	.....	4.98	.....	3.03	.....	4.01	.....	2.23	.....	0.92	.....	2.65	.....	37.89	.....
Wind Gap, 3 SW	1.46	.....	2.17	.....	8.69	.....	0.73	.....	6.35	.....	3.51	.....	7.48	.....	3.88	.....	4.90	.....	2.00	.....	$1.05	.....	2.41	.....	$39.63	.....
LEHIGH																										
Allentown Arpt., 4 NE	1.13	−2.37	1.96	−1.34	3.15	−0.30	0.64	−2.76	6.80	+3.30	6.59	+2.59	6.64	+2.03	4.79	+0.39	4.44	+1.04	1.92	−1.38	1.00	−1.85	2.47	−0.83	41.53	−1.48
Allentown	1.44	−1.93	2.09	−0.72	3.75	+0.34	0.77	−2.81	6.55	+2.98	5.38	+1.48	5.71	+0.87	5.22	+0.66	3.81	+0.38	2.59	−0.67	0.92	−1.99	2.54	−0.65	40.77	−2.06
Bethlehem	1.14	−2.28	1.99	−1.16	3.52	+0.06	0.85	−2.38	5.87	+2.35	4.39	−0.32	4.93	+0.27	5.07	+0.77	3.48	+0.11	1.99	−1.21	0.89	−2.29	2.24	−1.01	36.36	−6.45
Blakeslee Corners	0.86	.....	2.10	.....	2.65	.....	0.72	.....	6.67	.....	2.74	.....	4.37	.....	3.13	.....	4.86	.....	3.34	....	0.83	.....	1.84	.....	34.11	....
Gouldsboro	1.64	−1.45	2.19	−0.69	3.11	−0.27	2.08	−1.54	9.70	+5.34	3.72	−1.03	5.47	+0.58	3.00	−1.41	5.21	+1.50	2.99	−0.88	0.91	−2.69	2.09	−0.80	42.11	−3.34
Lansford	2.59	0.49	2.62	+0.01	4.81	+1.46	1.12	−2.63	11.15	+7.24	4.27	−0.29	5.37	+0.81	4.51	−0.23	4.55	+0.49	3.64	−0.23	0.99	−2.13	2.14	−1.21	47.76	+2.80
Mauch Chunk, 1 SW	$2.32	−1.29	2.88	−0.58	3.55	−0.71	1.28	−2.56	10.29	+6.15	4.10	−0.32	7.97	+2.80	4.04	−0.74	4.25	+0.29	3.41	−0.46	1.05	−2.63	$2.38	−1.44	$47.62	−1.49
New Tripoli	1.70	.....	2.75	.....	3.87	.....	0.89	.....	8.84	.....	5.88	.....	5.15	.....	6.32	.....	8.47	.....	3.14	.....	1.00	.....	2.55	.....	45.56	.....
Palmerton	1.59	−1.20	2.02	−0.22	2.81	−0.28	0.50	−2.62	7.22	+3.64	4.47	+0.15	7.48	+2.82	2.63	−1.48	4.34	+0.62	2.76	−0.61	0.66	−2.40	$2.38	−0.27	$38.86	−1.96
Zionsville, 1 SW	$1.58	−2.50	2.50	−1.29	3.70	−0.95	0.85	−2.95	7.56	+3.55	6.08	+1.47	6.10	+0.95	6.75	+1.93	2.95	−1.04	2.45	−1.13	1.15	−2.88	2.50	−0.95	$44.17	−5.79
SCHUYLKILL																										
Conshohocken	$1.29	−2.10	2.58	−0.49	2.43	−0.97	1.18	−2.32	6.20	+2.83	6.85	+3.11	5.07	+0.62	2.51	−1.85	4.06	+0.27	2.09	−1.44	0.93	−2.30	$2.52	−0.29	$37.71	−4.93
Fredericksville, 1 S	1.46	.....	2.27	....	3.07	....	0.63	....	6.96	.....	5.88	.....	4.62	.....	4.25	....	3.40	.....	2.73	.....	1.28	....	2.71	.....	39.26	.....
Geigertown	$1.23	.....	3.20	.....	3.65	.....	0.91	.....	5.67	.....	5.85	.....	3.62	.....	3.31	.....	3.12	.....	2.29	.....	0.94	.....	2.35	.....	$36.14	.....
Graterford	1.74	−1.47	2.10	−0.58	3.43	0.00	1.04	−2.25	7.80	+4.12	7.79	+3.98	4.83	−0.26	2.77	−1.39	2.17	−0.97	2.37	−0.69	1.33	−1.70	2.45	−0.35	39.82	−1.56
Phoenixville, 1½ SE	1.12	−2.54	2.61	−0.38	3.75	+0.10	0.85	−2.70	7.90	+3.95	6.40	+2.51	4.62	−0.24	3.13	−1.77	3.05	−0.33	2.05	−1.23	1.05	−2.14	2.49	−0.68	39.02	−5.45
Port Clinton	$2.16	−1.36	2.63	−0.69	4.11	+0.24	1.15	−2.99	8.61	+4.47	5.21	+0.75	4.03	−0.87	5.74	+0.57	3.61	−0.44	3.48	−0.49	1.02	−1.79	2.29	−1.32	$44.04	−3.92
Pottstown, ½ S	1.37	−1.92	2.76	−0.42	3.46	−0.15	0.86	−2.40	6.08	+2.14	5.65	+1.82	5.13	+0.22	3.38	−0.47	2.51	−0.74	3.17	+0.11	0.68	−2.38	2.48	−0.79	$37.53	−4.98
Pottsville	1.89	−1.82	2.26	−1.09	4.20	+0.26	1.00	−2.63	8.89	+4.58	3.97	−0.23	3.92	−1.09	2.73	−2.25	4.82	+0.83	3.87	−0.14	0.98	−2.43	1.97	−1.69	40.50	−7.70
Reading	1.40	−2.17	2.26	−1.16	3.26	−0.26	0.66	−2.61	5.30	+1.63	7.72	+4.17	4.52	+0.26	4.01	−0.20	2.65	−0.56	2.52	−0.60	1.12	−1.61	2.42	−1.14	37.84	−4.25
Strausstown	1.55	.....	2.19	.....	4.42	.....	1.14	.....	8.39	.....	5.36	.....	5.76	.....	6.99	.....	2.97	.....	3.54	....	1.06	.....	2.59	...	45.96	.....
Virginville	1.54	.....	2.38	.....	4.38	.....	0.78	.....	6.34	.....	5.36	.....	4.98	.....	7.30	.....	4.29	.....	2.64	.....	1.19	.....	1.85	.....	43.03	.....
Wernersville, 1 W	1.32	.....	2.14	.....	4.03	.....	0.69	.....	6.71	.....	7.83	.....	2.88	.....	3.61	.....	4.02	.....	2.78	.....	1.17	.....	2.50	.....	39.68	.....
LOWER DELAWARE																										
Coatesville, 1 SW	1.39	−2.48	2.16	−1.46	3.19	−0.94	1.35	−2.38	5.57	+1.67	8.53	+4.32	6.04	+1.38	6.88	+2.30	3.01	−0.70	2.20	−1.23	1.07	−2.17	2.48	−1.28	43.87	−2.97
Doylestown	1.16	−2.25	1.71	−1.63	3.47	−0.17	1.33	−2.43	6.47	+2.61	7.89	+5.88	7.73	+2.80	3.39	−1.61	2.89	−0.85	2.02	−1.54	0.91	−2.28	1.87	−1.69	40.84	−5.07
George School	1.34	−2.05	2.22	−0.59	3.82	+0.37	1.23	−2.33	5.78	+2.31	6.22	+2.45	6.88	+2.20	3.50	−1.09	1.76	−1.81	1.63	−1.59	1.27	−1.79	2.54	−0.69	38.14	−4.61
Maple Glen	1.05	.....	1.64	.....	3.68	.....	1.17	.....	5.97	.....	6.00	.....	5.81	.....	2.68	.....	3.87	.....	1.75	.....	1.12	.....	2.23	.....	36.47	.....
Marcus Hook	1.41	−1.86	2.35	−0.17	3.00	−0.75	1.53	−2.06	6.41	+3.21	6.59	+2.76	4.03	−0.25	4.87	−0.84	3.57	+0.45	1.91	−0.65	1.53	−1.46	2.39	−0.52	39.59	−2.14
Philadelphia																										
Airport Station	1.39	−1.91	1.77	−1.55	2.94	−0.45	1.43	−1.62	6.09	+2.83	6.69	+3.45	6.37	+2.22	3.26	−1.36	2.83	−0.31	1.24	−1.57	2.01	−0.69	2.33	−1.10	38.35	−2.96
City Office	1.51	−1.79	2.06	−1.26	2.70	−0.69	1.46	−1.59	5.85	+2.59	8.61	+5.37	5.18	+1.03	4.44	−0.18	3.22	+0.08	1.22	−1.59	1.87	−0.83	2.76	−0.67	40.88	+0.47
Shawmont	$1.50	−1.85	2.60	−0.45	3.12	−0.46	1.31	−2.09	6.02	+2.65	6.07	+2.51	7.66	+3.08	3.47	−1.41	3.44	+0.11	1.66	−1.52	0.90	−2.16	2.57	−0.90	$40.32	−2.49
Quakertown, ½ E	1.24	−2.22	2.17	−1.19	3.64	−0.01	0.94	−2.51	10.64	+6.81	7.27	+3.33	10.46	+5.52	5.28	+0.77	2.68	−0.97	2.25	−1.17	1.14	−2.11	2.60	−0.77	50.31	+5.48
West Chester	1.43	−2.35	2.46	−1.22	3.60	−0.35	1.37	−2.39	5.31	+1.06	7.86	+3.61	4.73	−0.04	5.83	+1.10	3.30	−0.56	2.12	−1.50	0.94	−2.60	2.43	−1.36	41.38	−6.60
Westgrove, 1½ SE	1.59	−1.62	1.95	−0.43	3.00	−0.84	1.72	−1.64	6.36	+2.65	6.92	+2.87	6.30	+1.48	5.43	+0.20	3.45	0.00	2.42	−0.88	0.97	−2.00	2.63	−0.35	42.74	−0.56
Susquehanna Basin																										
CHEMUNG																										
Austinsburg, 2 W	0.40	−1.09	0.97	−1.17	0.73	−1.74	0.69	−1.89	7.06	+3.21	3.88	+0.58	5.36	+2.27	1.98	−0.43	2.66	−0.35	1.72	−0.76	0.79	−1.07	1.36	−0.82	$27.60	−3.26
Covington	0.90	.....	1.34	.....	2.32	.....	1.19	.....	8.81	.....	5.72	.....	4.07	....	4.10	....	5.20	.....	3.18	.....	0.62	.....	$1.34	.....	$38.79	.....
Lawrenceville	0.64	−1.20	0.85	−0.87	1.80	−0.63	1.10	−1.76	$8.40	+4.63	5.47	+1.67	6.77	+2.69	3.07	−0.78	4.87	+1.79	2.62	−0.22	$0.63	−1.67	1.30	−0.63	$37.52	+3.07
NORTH BRANCH																										
Berwick	$1.22	.....	1.86	.....	3.94	.....	0.74	.....	10.11	.....	4.78	.....	3.61	.....	7.12	.....	1.75	....	2.79	....	0.97	.....	2.00	.....	$40.89	.....
Canton, 1 NW	1.19	.....	2.14	....	3.20	.....	1.25	.....	9.59	.....	4.73	.....	8.14	.....	5.00	.....	5.01	....	3.68	.....	0.92	.....	$1.72	.....	$46.52	....
Danville	1.75	.....	2.10	.....	4.00	.....	0.96	.....	8.43	.....	10.02	.....	2.20	.....	2.22	.....	2.80	.....	3.00	.....	1.20	.....	2.31	.....	40.99	....
Freeland	1.71	−1.57	1.73	−1.25	4.91	+0.95	0.88	−3.16	10.19	+6.10	5.71	+0.86	5.27	+0.06	4.78	+0.03	3.59	−0.22	4.12	+0.07	1.11	−2.66	1.98	−1.51	$45.38	−2.30
Hop Bottom, 2 S	1.23	.....	3.19	.....	2.03	.....	0.83	.....	9.37	.....	5.42	.....	1.34	.....	2.66	.....	2.90	.....	4.10	.....	1.54	.....	2.27	.....	36.88	.....
Millville	$1.12	.....	$2.36	.....	$3.68	.....	$0.69	.....	$9.51	.....	$4.18	.....	3.80	.....	1.93	.....	2.54	.....	2.93	.....	1.23	.....	1.82	.....	36.06	.....
Monroeton, 2 S	1.30	.....	1.53	.....	3.16	.....	1.07	.....	10.28	.....	6.04	.....	5.59	.....	5.11	.....	6.59	.....	3.29	.....	0.74	.....	1.67	.....	46.32	.....
Montrose, 3 E	$1.30	−1.27	3.43	+1.25	2.34	−0.46	0.77	−2.59	8.87	+4.97	5.98	+2.00	3.33	−0.72	4.45	+0.36	4.48	+0.62	3.09	−0.58	1.59	−1.18	2.29	−0.28	$41.92	+2.10
Orwell, 3 N	0.75	.....	1.55	.....	2.78	.....	0.97	.....	7.76	.....	6.39	.....	4.13	.....	2.96	.....	5.14	.....	3.16	.....	0.83	.....	1.16	.....	37.55	.....
Park Place, 1 NW	1.52	.....	1.65	.....	4.49	.....	0.88	.....	11.57	.....	4.66	.....	3.65	.....	4.70	.....	4.22	.....	4.62	.....	0.95	.....	1.60	.....	43.91	.....
Pikes Creek	1.08	.....	2.51	.....	2.97	.....	0.66	.....	11.39	.....	9.14	.....	9.92	.....	2.92	.....	1.76	.....	2.41	.....	1.26	.....	2.27	.....	42.29	.....
Rush, 6 S	1.24	.....	2.40	.....	2.99	.....	1.11	.....	8.14	.....	5.44	.....	4.62	.....	3.06	.....	3.73	.....	2.95	.....	0.88	.....	1.77	.....	38.33	.....
Scranton	0.62	−2.41	1.97	−1.07	2.96	−0.24	1.02	−1.75	7.62	+4.35	3.80	+0.13	9.41	+5.38	2.97	−0.72	1.92	−1.25	2.14	−0.89	0.83	−1.94	1.46	−1.58	36.72	−1.97
Susquehanna	1.07	−0.94	2.67	+0.50	2.13	−1.08	1.64	−0.94	7.72	+4.31	4.40	+0.53	1.87	−1.74	4.82	+1.15	4.30	+1.18	2.33	−1.09	1.10	−2.02	2.02	−0.51	36.07	−0.65
Towanda, 1 E	0.88	−1.15	1.63	−0.81	2.68	+0.01	0.87	−2.05	8.81	+5.43	4.42	+0.71	6.19	+2.48	3.68	+0.34	6.93	+3.67	2.76	−0.26	0.67	−1.58	1.43	−0.78	40.90	−6.51
Tunkhannock, 1 SW	1.82	.....	1.93	.....	2.80	.....	0.92	.....	9.23	....	3.89	.....	3.54	.....	4.98	.....	2.30	...	2.59	.....	1.06	.....	1.83	.....	$36.34	.....
Wilkes-Barre, 3 N	0.73	.....	1.76	.....	3.87	.....	0.96	.....	$9.51	.....	$8.54	.....	12.27	.....	3.24	.....	1.90	.....	2.62	.....	1.06	.....	1.83	.....	$43.29	.....
WEST BRANCH																										
Ansonia, 2 W	0.88	−1.09	1.60	−0.13	1.67	−0.62	0.89	−2.22	5.98	+2.33	2.75	−0.88	4.44	+1.09	4.29	+0.70	4.92	+1.86	2.90	+0.03	0.72	−1.59	1.57	−0.38	$32.56	−0.90
Carrolltown	1.57	.....	3.14	.....	3.46	.....	1.63	.....	7.52	.....	11.22	....	3.09	.....	4.55	.....	3.14	.....	4.65	....	1.33	.....	2.53	.....	47.83	.....
Carter Camp	1.34	.....	2.72	.....	2.35	.....	1.01	.....	8.31	.....	4.78	.....	3.58	.....	5.66	.....	5.63	.....	3.85	.....	1.49	.....	2.21	.....	42.93	.....
Cedar Run	1.18	−1.40	2.62	+0.42	3.37	+0.41	0.96	−2.12	8.91	+5.33	3.85	+0.11	2.08	−1.49	4.57	+1.51	5.10	+2.36	2.99	−0.04	0.89	−2.08	2.18	−0.17	38.70	−2.84
Clearfield	1.33	−2.10	2.71	+0.16	3.39	−0.41	0.61	−2.11	6.57	+2.15	10.02	+4.50	2.68	−1.46	2.72	−1.33	2.82	−0.62	4.31	+1.13	1.19	−1.95	2.82	−0.32	41.17	−2.42
Coalport	1.47	.....	3.08	.....	2.70	.....	0.82	.....	6.68	.....	8.80	.....	3.09	.....	$4.75	.....	2.08	.....	$4.22	.....	1.40	.....	2.40	.....	$41.44	.....

(Continued on next page)

Monthly and Annual Precipitation for the Year 1946, with Departures from the Normal—Continued.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
WEST BRANCH (continued)																										
Curwensville, 6 NW	1.35		3.21		3.33		1.06		7.15		6.71		6.10		3.79		4.59		4.95		1.80		2.79		46.83	
Driftwood	1.43		2.33		2.43		0.62		6.21		4.29		3.63		3.33		3.21		3.14		$0.78		1.81		$33.21	
Dushore	1.12		2.13		$3.23		1.06		8.89		4.62		3.89		3.88		$3.37		3.06		1.24		1.86		$38.35	
Eagles Mere	1.77	−2.00	2.53	−1.19	4.68	−0.10	0.82	−2.85	9.46	+3.68	5.06	+0.54	2.87	−2.08	5.08	+0.70	3.99	−1.09	4.85	−0.99	1.67	−2.58	2.06	−1.78	44.83	−9.74
Emporium, 1 E	1.56	−1.89	2.55	−0.28	2.37	−1.27	1.22	−2.30	7.78	+3.43	6.36	+1.98	4.48	+0.09	3.62	−0.11	4.46	+0.90	3.65	+0.44	1.41	−1.53	2.35	−0.87	$41.81	−1.82
English Center	1.02		2.29		3.31		0.71		9.94		3.67		6.05		4.94		5.16		3.54		0.62		1.89		43.14	
Galeton	0.98	−1.35	1.85	−0.11	2.04	−1.45	0.91	−1.94	8.33	+4.18	3.87	+0.26	4.60	+0.85	4.27	+0.51	5.90	+2.28	3.46	+0.80	0.74	−2.10	2.04	−0.42	38.99	+1.01
Karthaus	1.27		2.78		3.71		0.57		7.17		5.37		3.57		3.87		4.20		4.46		1.31		2.96		41.24	
Lock Haven	1.04	−1.90	2.71	+0.17	4.96	+1.48	0.54	−2.91	9.11	+5.09	5.37	+1.26	7.27	+3.20	5.62	+1.57	5.03	+1.65	4.05	+0.85	0.89	−1.65	2.05	−0.84	48.64	+7.97
Medix Run	1.22		2.69		2.77		1.03		6.82		4.42		4.61		2.86		3.20		3.90		1.29		2.04		36.85	
Philipsburg Arpt., 7 E	1.54		3.64		4.33		0.88		8.05		7.47		2.64		2.94		5.80		5.17		0.88		2.34		43.63	
Renovo	1.06	−1.56	2.39	+0.09	3.03	−0.09	0.66	−2.64	9.82	+5.96	4.80	+0.66	2.43	−1.63	4.09	+0.57	3.98	+1.06	3.04	−0.01	0.81	−1.83	1.93	−0.64	38.04	−0.03
State College	1.06	−1.85	2.65	+0.08	3.72	+0.36	0.63	−2.81	7.57	+3.52	6.07	+1.98	4.70	+0.85	3.29	−0.18	3.78	+0.76	4.20	+1.28	0.89	−1.61	1.78	−0.87	40.34	+1.51
Tamarack, 2 S	1.22		2.39		2.93		0.88		8.69		4.90		2.65		4.53		4.69		3.36		0.95		2.06		39.25	
Trout Run	1.28		$2.87		4.12		0.55		8.45		4.19		4.12		3.09		5.23		4.15		1.02		$1.86		$40.91	
Tyrone, 4 NE	1.12		2.91		3.28		0.83		6.60		6.82		2.30		3.61		2.87		5.25		0.97		2.22		38.78	
Wellsboro	0.87	−1.50	1.60	−0.56	2.23	−0.76	0.76	−2.51	8.63	+4.84	3.26	−0.53	3.32	−0.32	5.86	+2.33	4.34	+1.28	2.98	0.00	0.55	−2.05	1.42	−0.97	35.82	−0.77
Williamsport, 4 E	1.25		2.18		4.57		0.99		9.45		4.71		4.16		3.11		5.32		4.53		0.88		1.89		43.05	
Williamsport	1.38	−1.44	2.15	−0.32	4.22	+0.88	0.77	−2.70	$8.35	+4.77	4.05	+0.34	2.47	−1.28	5.36	+1.39	5.70	+2.42	$4.64	+1.24	0.99	−1.85	$1.94	−0.92	$41.93	+2.58
Williamsport, 4 SE	1.58		2.23		5.17		0.75		9.72		5.19		2.54		4.21		5.21		5.08		0.90		2.08		44.66	
JUNIATA																										
Altoona, 4½ W	1.41	−1.52	2.66	+0.31	3.41	+0.19	1.42	−2.03	5.56	+1.48	9.51	+5.41	2.49	−1.45	5.67	+2.23	4.95	+1.88	4.81	+1.92	1.05	−1.36	2.52	−0.26	45.46	+6.80
Breezewood, ½ E	1.07		1.81		2.72		0.73		5.54		6.92		1.34		5.65		2.11		3.43		1.00		$1.90		$34.22	
Buffalo Mills	1.42	−1.11	1.66	−0.39	3.15	−0.07	1.02	−2.50	5.31	+1.96	5.05	+1.52	1.13	−2.36	4.94	+1.75	3.09	+0.17	3.37	+0.49	0.80	−1.64	1.79	−0.41	32.73	−2.59
Burnt Cabins, 2 NE	1.33		$1.76		3.94		1.06		7.23		6.05		1.99		5.29		2.80		4.34		0.92		$1.88		$38.59	
East Waterford, 3 E	2.51	+0.11	2.33	+0.25	4.53	+0.93	0.93	−2.85	7.88	−3.23	5.90	+2.04	2.89	−0.81	3.87	−0.07	6.23	+3.21	4.77	+1.02	1.15	−2.00	2.17	−0.68	45.15	+4.38
Everett, ½ SW	$1.59	−1.31	2.12	−0.09	3.07	−0.23	0.82	−2.38	6.92	+3.30	6.91	+2.24	1.70	−2.21	5.75	+1.93	2.67	0.38	3.52	+0.77	0.79	−1.32	$1.81	−1.01	$37.67	−0.69
Huntingdon	1.38	−1.73	1.95	−0.66	4.23	+0.68	0.96	−2.51	7.71	+3.56	8.26	+4.17	3.36	−0.57	4.85	+0.98	4.54	+1.18	4.49	+1.57	1.15	−1.31	1.90	−0.99	44.78	+4.37
Lewistown, 1 W	$1.42		$1.87		3.92		0.49		7.34		7.41		4.11		5.60		3.72		5.01		0.95		1.79		$43.63	
Mapleton Depot	1.41		1.86		3.38		0.79		8.26		6.94		4.66		4.89		4.37		4.14		0.82		1.82		43.34	
Martinsburg	1.37		1.68		4.28		1.21		5.83		6.69		3.13		4.54		4.88		4.03		0.74		1.63		40.01	
McConnellstown, 4 NW	1.59		2.50		4.01		1.11		7.75		8.02		3.19		4.87		5.54		4.28		1.24		2.10		46.20	
Nells Mills 3½ NE	1.00		1.09		4.20		0.62		7.18		5.49		2.84		4.45		4.50		3.81		1.19		2.04		38.41	
New Bloomfield	1.92	−0.72	$1.92	−0.69	$4.74	+0.51	1.06	−2.18	9.52	+4.19	5.77	+1.50	4.76	+0.67	4.12	+0.07	4.59	+0.78	4.18	+0.44	1.16	−2.58	2.11	−1.18	$45.80	+0.86
Newport	2.24	−0.67	1.82	−0.86	4.65	+0.99	0.85	−2.58	7.70	+3.44	5.19	+1.46	3.75	−0.56	4.48	+0.34	3.34	−0.14	4.08	+0.36	0.97	−2.07	2.20	−0.69	41.27	−0.48
Saxton, 1 W	$1.59		$2.22		$3.94		1.17		6.68		6.69		3.53		5.97		4.05		3.63		0.77		$1.63		$41.87	
Shade Gap, ½ SW	1.64		1.78		3.69		0.86		7.88		7.78		1.97		4.53		2.93		3.76		0.80		1.63		38.75	
LOWER SUSQUEHANNA																										
Arendtsville	1.16	−1.79	2.13	−0.46	2.64	−1.11	0.91	−2.80	6.18	+2.09	5.14	+1.03	4.07	+0.29	3.13	−0.88	5.04	+1.30	3.11	−0.50	0.68	−2.40	2.34	−0.79	36.53	−6.02
Beavertown					4.73		$0.58		8.57		4.80		2.57		5.50		5.16		4.75		$0.86		2.42		$[illegible]	
Bloserville, 1½ N	1.76	−1.39	2.07	−0.26	4.53	+1.21	1.22	−2.65	8.95	+4.66	7.09	+2.35	3.01	−1.96	4.99	−0.29	5.15	+1.33	3.48	−0.29	0.97	−2.08	2.05	−0.90	45.27	−0.27
Carlisle	1.56	−1.58	2.13	−0.76	3.45	−0.07	0.84	−2.70	6.67	+2.86	6.87	+2.92	6.30	+2.40	2.83	−1.57	3.30	−0.16	3.35	−0.03	0.47	−2.68	2.23	−0.69	40.00	−2.01
Columbia	0.96		1.94		2.80		1.06		5.75		9.02		4.53		6.02		1.57		2.87		0.80		2.35		39.67	
Dauphin, 3 N	1.82		1.67		3.57		1.20		8.15		5.82		4.24		3.08		3.28		3.35		0.75		2.05		38.98	
Ephrata	1.24	−1.77	2.22	−0.65	3.62	+0.16	1.00	−2.40	$7.26	+3.85	7.95	+3.61	3.88	−0.76	1.33	−0.31	3.33	−0.24	3.19	−0.02	$0.99	−1.65	2.39	−0.70	$41.43	−0.88
Glen Rock	1.04		2.01		1.99		$0.77		4.74		$7.00		2.45		5.94		3.22		2.83		0.79		2.21		$34.99	
Gordon	2.95	−1.49	2.17	−0.92	4.33	+0.38	1.16	−2.94	8.92	+4.68	4.31	−0.11	2.95	−1.96	2.16	−2.24	3.44	−0.47	4.23	+0.05	1.03	−2.37	2.08	−1.67	38.83	−9.06
Grantville, 2 SW	1.50		2.01		4.25		0.81		10.04		8.11		3.89		4.47		1.73		3.21		1.03		2.49		43.54	
Hanover	1.30	−1.84	2.20	−0.40	2.54	−0.86	0.72	−2.84	6.10	+2.68	4.63	+0.68	3.37	−0.99	4.96	+0.65	1.69	−1.53	3.58	+0.41	0.92	−1.57	2.09	−0.93	34.10	−6.54
Harrisburg Arpt., 3½ S	1.07	−2.02	1.73	−1.23	3.18	+0.14	0.57	−2.12	7.54	+4.10	5.61	+2.02	3.36	−0.47	2.97	−1.07	1.55	−1.50	3.33	+0.40	0.68	−1.58	1.99	−1.03	38.58	−4.36
Holtwood	0.93	−2.10	1.88	−0.58	1.99	−1.10	0.99	−2.03	6.36	+3.54	5.53	+2.18	2.66	−1.27	3.44	−0.78	2.73	+0.08	2.01	−0.70	0.86	−1.60	2.06	−0.43	31.41	−4.74
Huntsdale	1.28		2.03		3.38		0.96		8.06		8.32		1.44		4.98		2.78		3.06		0.58		2.09		38.91	
Kirkwood, 1 SW	1.00		1.83		2.34		1.18		7.28		8.77		5.47		2.99		3.69		2.51		1.93		2.30		$40.33	
Lancaster	1.00	−2.16	2.11	−0.51	3.79	+0.30	1.17	−2.34	7.98	+4.67	7.53	−3.53	3.54	−0.87	6.34	+1.99	3.43	+0.05	3.13	−0.04	1.03	−1.62	2.52	−0.59	43.57	+2.41
Lebanon	1.52	−1.80	1.93	−1.16	3.63	0.00	0.73	−2.74	6.90	+3.06	6.49	+2.31	4.39	−0.06	2.63	−1.71	2.55	−0.92	3.60	+0.04	0.96	1.99	2.56	−0.77	37.89	−5.74
Middletown, ½ W	0.87	−1.87	1.82	−0.49	3.68	+0.03	0.82	−2.53	9.35	+5.36	8.47	+4.27	2.69	−0.96	3.71	−0.59	2.17	−1.41	3.11	−0.44	0.85	−1.75	1.96	−0.53	39.50	−0.91
Millersburg, 2 E	1.86		1.28		3.50		0.99		8.91		3.28		5.36		3.77		5.31		3.37		0.72		2.09		40.44	
Milroy	1.37		2.05		4.56		0.56		7.57		5.17		1.59		4.57		4.14		5.14		1.29		2.86		40.37	
Newburg, 3½ NW	1.21		1.56		4.48		1.09		9.45		9.00		2.19		5.25		6.44		5.40		1.10		2.19		49.36	
New Park	0.94	−2.26	2.98	+0.34	2.64	−0.93	1.30	−2.68	7.44	+4.01	6.79	+2.75	4.03	−0.22	4.76	−0.29	2.83	−0.76	2.64	−0.93	1.17	−1.89	2.40	−0.49	$39.92	−3.35
Pine Grove, 1½ NE	1.69	−1.49	2.10	−0.64	4.03	+0.36	0.70	−3.06	8.17	+4.22	4.94	+0.15	4.65	−0.23	2.65	−1.47	3.25	−0.57	3.69	−0.31	1.11	−2.49	2.18	−0.90	39.16	−6.43
Selinsgrove	1.32	−1.69	2.14	−0.59	4.43	+0.74	1.29	−2.26	11.32	+7.28	4.95	+1.03	3.54	−0.50	4.17	+0.23	3.03	−0.40	3.69	+0.12	1.09	−1.75	2.18	−0.86	43.15	+1.35
Shamokin	1.70	−1.15	2.11	−0.53	4.25	+0.90	1.45	−2.33	8.77	+4.67	6.13	+1.61	1.85	−2.63	3.23	−0.75	3.88	+0.29	3.11	−0.46	0.89	−2.04	1.83	−1.08	39.15	−3.50
Shippensburg	1.40	−1.58	1.73	−0.56	3.18	−0.27	0.89	−2.68	7.72	+3.79	5.91	+2.33	2.58	−1.10	4.30	+0.11	3.54	+0.07	3.44	−0.10	0.99	−1.94	2.07	−1.03	37.70	−2.96
Sunbury	1.55	−1.35	2.46	+0.09	4.58	+1.32	1.03	−2.64	11.80	+7.51	4.79	+0.87	3.95	−0.06	3.84	+0.09	2.93	−0.45	3.60	+0.16	1.04	−2.04	2.07	−0.83	43.64	+2.67
Wellsville																			2.55		0.81		2.00		$[illegible]	
Williamstown	$1.97	−0.65	$1.69	−0.31	4.26	+0.89	1.55	−1.75	9.54	+5.10	7.41	+2.87	3.78	−0.75	3.60	−0.51	2.62	−1.27	3.60	−0.48	1.04	−2.62	1.79	−1.19	$42.85	−0.67
Woodward, 2 NE	1.04		1.74		4.56		0.63		7.43		4.99		3.68		3.32		5.09		5.13						$[illegible]	
York, 3 SW	0.83	−2.17	1.81	−0.91	$2.75	−0.55	1.23	−2.02	8.39	+4.93	6.85	+3.10	2.95	−1.33	5.45	+1.14	2.77	−0.57	4.39	+1.17	0.91	−1.70	2.45	−0.43	$40.78	+0.66
York Haven	1.40	−1.25	2.08	−0.24	3.62	+0.49	0.85	−2.67	6.85	+3.32	10.71	+6.71	5.18	+1.13	3.57	−0.44	2.09	−1.36	3.46	−0.02	0.83	−1.82	2.34	−0.28	42.98	+3.57
Potomac Basin																										
Chambersburg, 1 SW	1.46	−1.35	2.26	−0.38	3.26	0.00	0.99	−2.22	6.95	+3.26	6.04	+2.09	2.25	−1.51	4.95	+1.07	4.62	+1.53	4.11	+0.82	0.89	−1.90	2.57	−0.15	40.35	+1.26
Gettysburg	1.09	−2.00	2.22	−0.46	2.53	−0.80	0.87	−2.78	6.09	+2.17	4.82	−1.04	2.28	−1.54	4.42	+0.41	5.74	+2.22	2.44	−0.89	0.57	−2.27	2.09	−1.06	35.16	−5.96
Hewitt, 2 SW	1.29		$1.93		2.97		0.71		7.69		5.07		1.90		3.91		2.59		$4.20		0.78		2.12		$35.16	
Hyndman	1.33	−1.54	1.88	−0.35	2.69	−0.59	0.66	−2.86	4.62	+1.47	3.81	−0.32	3.22	−0.05	3.80	+0.11	2.88	+0.02	3.21	+0.15	0.53	−1.58	1.86	−0.70	30.49	−6.24
McConnellsburg	1.16	−1.55	1.62	−0.68	3.11	−0.59	0.53	−2.67	4.82	−0.43	4.32	0.31	2.67	−1.37	5.57	+1.27	2.18	−0.54	4.20	+0.40	0.96	−2.06	2.05	−0.86	33.19	−9.89
Mercersburg	$1.60		2.05		3.05		0.73		6.00		4.90		0.84		4.67		2.54		4.45		0.70		2.41		$33.94	
South Mountain	1.74		2.30		3.29		1.19		6.81		5.46		4.02		6.37		4.41		3.76		1.04		2.15		42.54	
GULF DRAINAGE *Ohio Basin* ALLEGHENY																										
Ariemetonia	1.11	−2.28	2.74	+0.11	2.74	−0.87	1.25	−2.18	5.53	+1.76	7.37	+2.99	2.42	−1.69	4.64	+0.79	1.61	−1.58	3.78	+0.76	1.68	−0.92	2.79	−0.28	37.61	−3.39
Allens Mills	$1.64		3.46		2.75		1.85		5.98		6.96		3.95		2.60		3.34		$1.73		0.53	−1.58	1.86	−0.70	30.49	−6.24
Blairsville, 6 NE	1.17	−1.71	2.43	−0.23	3.67	−0.26	1.62	−2.54	5.13	−0.04	8.76	+3.09	5.84	+1.23	5.09	+1.31	1.66	−1.71	4.11	+0.38	2.04	−0.94	2.69	−0.50	44.21	−1.92

(Continued on next page)

Monthly and Annual Precipitation for the Year 1946, with Departures from the Normal Continued.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ALLEGHENY (continued)																										
Boswell, 6 NW	2.15	.....	2.01	.....	3.73	.....	2.21	.....	6.91	.....	11.17	.....	3.86	.....	6.69	.....	3.58	.....	4.06	.....	1.97	.....	2.79	.....	51.11	.....
Bradford, 4 W	1.66	−1.35	3.03	+0.44	2.36	−0.95	1.57	−2.09	8.03	+4.23	6.79	+2.13	3.50	+0.58	2.32	−1.02	3.08	−1.11	4.17	+0.59	3.12	−0.38	4.75	+1.74	44.38	+1.65
Brookville, 1½ SW	1.46	−1.67	3.21	+0.79	3.26	−0.01	1.52	−1.60	6.22	+2.49	7.25	+3.01	3.09	−1.26	2.70	−1.06	3.13	−0.03	4.24	+1.22	1.58	−1.48	2.42	−0.67	40.08	−0.27
Buckstown	1.77	.....	§1.88	.....	3.64	.....	1.18	.....	6.19	.....	5.93	.....	1.73	.....	4.80	.....	2.14	.....	3.42	.....	1.00	.....	1.86	.....	§35.54	.....
Clarion, 3 SW	1.38	−2.04	3.18	+0.03	3.25	−0.57	1.71	−2.01	5.36	+1.20	5.08	+0.47	2.35	−2.19	3.65	−0.26	1.74	−2.02	4.61	+1.05	1.76	−1.14	2.89	−0.49	36.96	−7.97
Corry	1.06	−2.20	2.65	−0.34	2.60	−0.88	1.63	−2.03	5.60	+1.73	6.34	+1.55	3.36	+0.24	1.83	−1.65	1.07	−2.91	4.01	+0.23	3.57	−0.37	3.71	+0.23	37.43	−6.40
Coudersport	1.09	−1.61	2.01	−0.56	§1.77	−1.64	1.12	−2.53	6.86	+2.45	8.24	+3.64	2.42	−1.97	2.66	−0.65	3.47	+0.27	§3.38	−0.05	1.87	−1.01	2.53	−0.18	§47.42	−3.83
Derry	1.07	−2.61	2.03	−0.99	2.73	−1.38	1.76	−2.06	5.43	+1.47	5.88	+1.08	6.64	+2.05	4.62	+0.40	1.64	−1.52	4.07	+0.86	2.08	−0.74	2.82	−0.40	40.77	−3.84
Donegal	1.62	.....	2.32	.....	3.22	.....	2.78	.....	7.97	.....	9.13	.....	10.16	.....	3.59	.....	2.29	.....	3.63	.....	2.23	.....	3.10	.....	52.04	.....
Duulo, ½ SW	1.48	.....	1.91	.....	2.87	.....	1.70	.....	5.04	.....	6.97	.....	2.72	.....	3.25	.....	2.18	.....	3.45	.....	1.35	.....	§2.65	.....	§35.57	.....
Ebensburg	1.59	−1.60	3.16	+0.39	3.19	−0.30	1.60	−1.90	6.74	+2.35	10.23	+5.64	2.54	−1.58	6.12	+2.08	1.75	−1.63	4.53	+1.35	1.26	−1.79	§2.78	−0.24	§45.49	+2.73
Ford City, 4 S	1.43	.....	2.24	.....	3.22	.....	1.57	.....	4.46	.....	6.87	.....	3.91	.....	3.10	.....	2.27	.....	4.26	.....	1.87	.....	2.38	.....	37.58	.....
Franklin	1.38	−2.02	3.31	+0.61	2.43	−1.00	1.36	−1.82	9.38	+5.74	4.06	−0.24	1.39	−3.04	1.98	−1.68	1.06	−2.46	4.92	+1.78	1.96	−1.15	2.27	−0.92	35.50	−6.20
Glen Hazel, 1 NE	1.17	.....	2.69	.....	2.65	.....	1.25	.....	7.19	.....	5.81	.....	3.67	.....	3.17	.....	4.42	.....	4.20	.....	2.04	.....	2.58	.....	40.61	.....
Home	§1.27	.....	2.19	.....	2.87	.....	1.11	.....	5.23	.....	8.72	.....	§5.86	.....	3.72	.....	3.28	.....	3.61	.....	1.48	.....	2.58	.....	§41.92	.....
Indiana	§1.13	−2.52	2.12	−0.79	3.05	−0.87	1.82	−2.15	4.62	+0.43	9.18	+5.87	6.03	+1.43	3.81	−0.23	4.16	+0.44	3.40	+0.01	1.65	−1.28	2.54	−0.76	§43.51	−2.02
Johnstown, ½ W	1.44	−2.65	2.68	−0.95	3.11	−1.11	1.90	−2.17	4.62	+0.18	7.91	+2.90	2.34	−2.14	6.62	+2.23	2.88	−0.60	3.63	+0.62	1.22	−1.75	3.21	−0.39	41.56	−5.83
Kane, 1 N	1.76	−1.78	2.79	−0.16	2.33	−1.48	1.83	−2.05	9.89	+5.39	5.75	+1.01	6.06	+1.89	2.05	−1.56	3.75	−0.02	4.01	+0.29	2.15	−1.32	2.93	−0.41	45.30	−0.20
Kregar, 4½ SE	2.76	.....	2.88	.....	5.13	.....	2.58	.....	7.04	.....	7.30	.....	5.59	.....	4.38	.....	2.64	.....	3.92	.....	2.78	.....	4.52	.....	51.32	.....
Lycippus, 1½ E	1.87	−2.02	2.82	−0.35	§4.04	−0.11	2.34	−1.62	5.69	+1.43	5.05	+0.20	7.00	+2.28	4.93	+0.54	1.98	−1.35	4.16	+0.97	§1.63	−1.20	3.15	−0.40	§44.66	−1.63
Marienville	§1.66	.....	2.81	.....	2.61	.....	1.52	.....	5.99	.....	7.67	.....	2.87	.....	2.51	.....	2.55	.....	4.49	.....	§2.11	.....	§3.83	.....	§40.62	.....
Meadville, 1 S	1.27	−1.86	2.71	+0.03	2.14	−1.06	1.45	−1.89	6.54	+2.50	6.67	+2.63	2.14	−2.01	1.72	−1.93	1.03	−2.57	4.79	+1.38	2.26	−1.14	2.60	−0.46	35.32	−6.38
Mosgrove	1.76	−1.48	3.37	+0.86	3.10	−0.64	1.57	−1.67	4.81	+0.67	4.46	+0.19	2.30	−1.44	3.31	−0.59	1.40	−1.35	5.08	+1.59	1.62	−0.96	2.89	−0.23	35.67	−5.05
Parkers Landing	1.46	−1.97	3.21	+0.30	2.64	−1.09	2.09	−1.38	7.12	+3.26	6.50	2.33	2.38	−1.72	2.70	−1.12	1.64	−1.65	4.84	+1.92	1.58	−1.37	3.19	−0.02	39.35	2.51
Pittsburgh W. B. O.	0.92	−2.13	2.67	+0.05	2.46	−0.57	0.94	−1.98	4.38	+1.17	6.89	+3.08	2.23	−1.82	2.21	−1.02	1.57	−1.01	3.47	+0.95	1.27	−1.02	2.41	−0.45	31.42	−4.75
Port Allegany	1.00	.....	1.97	.....	2.02	.....	1.15	.....	6.44	.....	5.77	.....	4.59	.....	1.93	.....	4.03	.....	2.95	.....	1.42	.....	1.97	.....	35.24	.....
Punxsutawney	0.94	−2.21	2.73	+0.39	2.92	−0.44	1.20	−2.16	5.51	+1.25	9.18	+4.92	5.33	+1.25	3.98	−0.38	2.30	−0.69	4.18	+1.08	1.76	−1.03	2.48	−0.75	42.46	+1.23
Purneyville, 2½ SE	§1.41	.....	2.70	.....	3.20	.....	1.57	.....	4.27	.....	5.70	.....	4.05	.....	4.94	.....	2.46	.....	4.63	.....	1.92	.....	2.55	.....	§39.40	.....
Ridgway	1.56	−1.27	2.50	+0.19	2.38	−0.76	1.43	−1.68	5.86	+1.91	6.29	+2.08	2.96	−1.29	4.39	+1.19	3.65	+0.36	4.05	+0.97	1.46	−1.47	2.60	−0.13	39.13	+0.10
Saltsburg	1.16	−2.30	2.26	−0.64	2.85	−0.51	1.62	−1.78	4.34	+0.62	7.92	+3.60	3.30	−0.74	5.18	+1.12	2.64	−0.87	3.32	+0.26	1.31	−1.12	3.46	+0.29	39.36	+2.07
Seward	1.17	.....	2.78	.....	2.80	.....	1.98	.....	4.85	.....	10.18	.....	4.30	.....	4.93	.....	3.17	.....	4.19	.....	1.50	.....	2.54	.....	44.39	.....
Sheffield, 6 W	1.50	.....	2.65	.....	2.30	.....	1.57	.....	9.16	.....	7.20	.....	2.38	.....	1.26	.....	1.65	.....	3.63	.....	2.43	.....	3.05	.....	38.78	.....
Smethport, 1 SW	§1.25	.....	2.12	.....	1.98	.....	§1.24	.....	8.36	.....	7.04	.....	6.03	.....	1.42	.....	3.90	.....	3.07	.....	1.50	.....	§2.27	.....	§40.18	.....
Strongstown	1.13	.....	2.40	.....	3.25	.....	§1.84	.....	6.11	.....	8.24	.....	6.00	.....	4.01	.....	3.92	.....	4.17	.....	1.38	.....	2.44	.....	§44.86	.....
Tionesta, 1½ SE	1.54	−0.65	2.83	+0.37	2.63	−0.98	1.83	−1.55	7.62	+2.91	6.32	+2.23	2.96	−0.73	1.95	−0.97	1.21	−2.22	4.73	−0.92	2.14	−0.84	2.77	−0.33	38.53	−1.84
Titusville, 2 S	1.45	.....	3.17	.....	2.12	.....	1.62	.....	9.32	.....	8.10	.....	4.03	.....	1.52	.....	1.29	.....	4.79	.....	2.54	.....	2.86	.....	42.81	.....
Union City	§1.31	.....	2.45	.....	2.72	.....	1.41	.....	6.71	.....	7.48	.....	3.07	.....	1.96	.....	0.92	.....	4.38	.....	3.16	.....	3.19	.....	§38.76	.....
Vandergrift	§0.96	−1.73	2.36	−0.11	2.41	−0.82	1.62	−1.48	5.06	+1.48	5.89	+1.42	3.35	−0.74	2.62	−1.39	1.72	−1.44	3.97	+0.85	1.46	−1.08	2.15	−0.65	33.57	−5.67
Warren	1.89	−0.94	3.36	+0.78	2.39	−0.88	1.03	−2.50	4.25	+0.05	7.21	+2.77	3.51	−0.91	2.57	−1.16	1.20	−2.56	3.69	+0.17	1.82	−1.65	2.55	−0.80	35.27	−7.63
Youngsville	1.14	.....	2.58	.....	2.60	.....	1.62	.....	7.36	.....	7.71	.....	3.78	.....	1.85	.....	1.13	.....	3.47	..	2.68	....	3.29	.....	39.21	.....
MONONGAHELA																										
Confluence, 1½ NW	2.04	−1.81	1.99	−1.25	3.86	−0.08	1.75	−1.88	3.77	−0.33	7.00	+2.87	3.10	−1.65	3.52	−0.66	2.79	−0.31	3.14	+0.15	1.78	−1.17	3.12	−0.29	37.86	−6.89
Connellsville	1.44	.....	1.65	.....	2.71	.....	1.87	.....	4.97	.....	6.28	.....	7.13	.....	5.06	.....	2.29	.....	3.02	.....	1.26	.....	2.20	.....	39.83	.....
Donora	0.80	−1.79	2.13	−0.18	2.15	−1.22	1.75	−1.88	3.95	+0.24	4.56	+0.78	3.33	−0.12	3.06	−0.71	1.75	−1.07	3.71	+0.80	0.91	−1.52	2.25	−0.27	30.45	−6.94
Greensboro	1.92	−1.45	2.29	−0.54	3.60	−0.01	1.25	−2.04	6.10	+2.28	6.31	+1.70	2.82	−1.79	5.71	+1.98	1.76	−1.33	2.87	+0.01	1.54	−1.20	2.20	−0.76	38.43	−3.15
Greensburg, 2 S	§1.11	−2.28	2.05	−0.86	3.21	−0.42	1.66	−2.12	5.64	+1.60	4.85	+0.45	4.29	+0.49	4.97	+0.78	2.09	−1.15	3.82	+0.76	1.12	−1.47	2.76	−0.40	§37.57	−4.62
Irwin	1.02	−1.87	2.38	−0.07	2.61	−0.93	1.27	−2.04	6.04	+2.61	4.64	+0.23	4.32	+0.45	2.99	−0.94	1.24	−1.68	3.71	+0.87	1.27	−1.19	2.51	−0.45	34.00	−5.01
Meversdale	2.05	.....	1.98	.....	2.79	.....	1.49	.....	6.82	.....	8.44	.....	1.36	.....	2.58	.....	2.94	.....	3.16	.....	1.18	.....	2.43	.....	36.67	.....
Murrysville	0.99	.....	2.32	.....	2.43	.....	1.33	.....	6.92	.....	5.81	.....	2.67	.....	1.90	.....	1.26	.....	3.34	.....	1.07	.....	2.48	.....	32.53	.....
Pittsburgh (Airport)	1.12	−1.93	2.43	−0.19	2.53	−0.50	1.15	−1.77	4.10	+0.89	4.93	+1.12	2.70	−1.35	2.11	−1.12	1.27	−1.31	3.47	+0.95	0.99	−1.30	2.45	−0.41	29.25	−6.92
Rice's Landing	1.33	.....	2.40	.....	3.67	.....	1.98	.....	3.78	.....	6.90	.....	1.98	.....	3.74	.....	1.58	.....	3.05	.....	1.33	.....	3.49	.....	35.28	.....
Somerset	2.26	−1.98	2.28	−1.38	4.10	−0.16	1.24	−3.25	4.99	+0.15	6.81	+1.79	3.75	−0.87	5.25	+0.76	2.58	−0.90	3.53	+0.45	1.61	−1.62	2.57	−1.14	40.97	−5.10
Springs, 1 SW	1.89	−1.77	2.65	−0.50	3.78	+0.08	2.07	−1.93	5.35	+1.15	7.40	−2.15	3.55	−0.89	2.29	−2.32	3.88	+0.46	3.73	+0.21	2.02	−1.03	2.63	−0.61	41.24	−5.00
Uniontown	2.21	−1.32	2.38	−0.54	3.86	−0.14	1.91	−1.85	4.87	+0.76	7.28	+2.53	3.30	−1.51	3.84	−0.68	1.93	−1.29	2.85	−0.43	1.68	−1.38	2.27	−1.04	38.38	−6.89
Waynesburg	1.16	−1.90	1.60	−0.69	4.00	−0.21	2.14	−1.32	4.46	+0.39	6.12	+1.83	3.05	−1.14	2.67	−1.93	1.92	−1.54	3.08	+0.26	1.50	−0.90	2.92	+0.08	34.00	−7.07
BEAVER																										
Beaver Falls	1.01	−1.80	2.56	+0.31	1.80	−1.25	1.25	−1.82	5.53	+2.14	5.44	1.47	2.72	−0.62	1.52	−1.80	1.38	−1.63	4.49	+1.88	1.28	−1.06	1.92	−0.60	30.90	−4.78
Butler	1.47	−1.30	2.88	+0.53	1.94	−1.60	1.60	−1.83	4.78	+1.18	4.52	−0.09	2.57	−1.67	2.29	−1.56	1.71	−1.42	3.03	−0.19	1.81	−1.42	2.14	−0.58	30.74	−9.38
Farrell	§1.00	−1.43	3.31	+1.41	2.13	−0.68	1.22	−1.84	7.77	+4.44	4.85	+1.39	1.48	−2.11	3.75	+0.07	1.09	−1.75	3.99	+1.30	1.75	−0.63	2.33	−0.06	§34.67	+0.11
Greenville	1.31	−1.97	3.31	+0.80	3.58	+0.15	1.76	−1.62	8.38	+4.76	3.45	−0.49	4.06	+0.01	1.82	−1.75	1.00	−2.45	5.34	+2.00	2.28	−0.69	2.69	−0.06	38.98	−1.31
Jamestown, 2 NW	0.66	−1.77	2.43	+0.25	3.12	+0.20	1.38	−1.80	6.92	+3.17	3.84	+0.40	1.58	−1.99	3.49	−0.26	1.88	−1.48	4.81	+1.90	2.32	−0.29	2.06	−0.20	34.49	−1.87
Mercer (Arpt.), 2½ NE	0.97	.....	2.71	.....	2.58	.....	1.55	.....	10.62	.....	5.74	.....	3.53	.....	1.94	.....	1.36	.....	5.01	.....	1.88	.....	2.33	.....	40.22	.....
New Castle, 1½ N	0.97	−1.94	3.07	+0.71	1.90	−1.19	1.36	−1.71	9.46	+5.99	3.51	−0.69	2.85	−1.33	1.46	−1.88	1.16	−1.92	4.78	+2.00	1.56	−0.90	2.14	−0.47	34.17	−3.33
Pennline, 1 S	1.07	−1.44	2.52	+0.21	3.24	+0.27	1.16	−2.33	7.19	+3.54	7.37	+3.70	1.85	−1.81	1.85	−1.87	1.78	−2.22	4.57	+1.40	2.89	−0.18	2.62	−0.08	38.11	−0.81
OHIO																										
Claysville	0.88	−2.24	2.58	+0.07	2.55	−1.08	2.14	−1.37	4.75	+0.96	6.04	+1.61	1.32	−2.90	1.66	−2.22	1.87	−1.37	3.22	+0.25	1.54	−0.94	2.25	−0.65	30.90	−9.88
Corsopolis, 1 E	1.08	−1.82	2.40	−0.02	2.28	−1.02	1.07	−2.11	6.69	+3.22	5.78	+1.68	3.12	−0.51	1.27	−2.09	2.41	−0.66	3.30	+0.60	1.67	−0.75	1.56	−1.14	32.63	−4.62
Midland	1.05	−1.45	3.04	+0.66	2.30	−1.55	1.35	−2.28	8.14	+3.67	4.82	+0.93	3.85	+0.21	1.24	−2.12	1.28	−1.28	4.41	+1.05	1.83	−0.67	2.08	−0.34	35.39	−3.17
Washington	0.74	.....	2.25	.....	2.48	.....	1.64	.....	8.75	.....	6.04	.....	1.48	.....	1.22	.....	1.60	.....	3.67	.....	§1.40	.....	2.29	.....	§28.56	.....
LAKE DRAINAGE																										
Albion	1.54	.....	2.75	.....	3.11	.....	.....	.....	7.28	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.23	.....	§2.99	.....	§3.27	.....	§§	.....
Erie	1.11	−1.66	2.46	−0.12	2.93	+0.31	1.31	−1.42	7.68	+4.28	5.84	+2.50	4.47	+1.46	2.25	−1.02	1.82	−1.57	4.37	+0.68	3.48	+0.18	3.16	+0.33	40.88	+3.25
Raymond	§0.98	.....	1.75	.....	§1.47	.....	1.68	.....	8.01	.....	5.18	.....	4.63	.....	3.73	.....	§2.51	.....	3.23	.....	1.71	.....	2.47	.....	§37.35	.....
For The State	1.36	−1.77	2.33	−0.47	3.18	−0.34	1.19	−2.22	7.25	+3.28	6.05	+1.89	4.05	−0.23	3.87	−0.29	3.30	−0.15	3.50	+0.23	1.26	−1.61	2.30	−0.78	39.66	−2.44

Italics, data interpolated. § Partially interpolated. §§ Incomplete.

Monthly and Annual Mean Temperatures for the Year 1946, with Departures from the Normal

STATIONS.	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Allentown Arpt., 4 NE.	29.6	+0.3	28.6	−1.2	46.3	+8.6	48.8	+0.1	60.0	−0.5	67.4	−2.4	73.9	−0.3	68.2	−3.9	66.2	+1.1	57.2	+4.2	45.6	+3.6	33.9	+1.2	52.2	+1.0
Allentown (Coop)	31.2	+2.3	30.8	+1.3	47.6	+9.4	49.9	+1.1	61.0	−0.8	67.7	−2.1	73.6	−0.4	68.2	−3.7	66.2	+1.6	58.1	+5.0	46.7	+4.2	35.0	+3.2	52.9	+1.7
Altoona, 4½ W	28.5	+1.0	29.8	+2.2	47.2	+9.8	48.4	+0.3	57.8	−1.4	64.9	−1.9	69.2	−1.7	64.6	−4.5	63.0	−0.1	55.2	+3.1	44.0	+3.5	33.0	+3.3	50.4	+1.1
Arendtsville	31.6	+1.7	31.3	−0.2	47.9	+8.0	50.6	+0.7	60.3	−0.8	67.0	−3.7	73.5	−0.9	68.1	−4.4	66.0	+0.1	57.2	+8.1	45.3	+2.5	34.8	+2.0	52.8	+0.7
Berwick	[29.7]	.....	[29.2]	.....	48.2	.....	49.8	.....	60.3	.....	68.4	.....	73.8	.....	68.2	.....	66.8	.....	57.6	.....	46.0	.....	33.8	.....	[52.7]	.....
Bethlehem	30.8	+0.5	30.0	−1.2	48.3	+7.9	49.6	−1.7	60.5	−2.0	68.0	−2.7	74.3	−0.7	68.6	−4.6	68.8	+1.9	60.3	−4.6	47.8	+3.4	34.7	+1.4	53.4	+0.5
Blairsville	28.1	.....	28.0	.....	48.0	.....	45.9	.....	56.5	.....	64.2	.....	68.9	.....	63.6	.....	63.9	.....	55.8	.....	43.4	.....	32.0	.....	49.8	.....
Bradford, 4 W	24.1	+0.3	24.2	−1.9	43.1	+7.7	42.6	−2.5	54.0	−1.5	61.6	−3.7	65.4	−2.9	61.1	5.3	59.9	−0.4	52.0	+2.5	42.2	+3.2	29.0	+0.8	46.6	−0.3
Brookville, 1.5 SW	26.6	+2.0	27.3	+2.5	44.7	+11.1	44.1	−0.5	55.6	−0.2	63.1	−0.9	67.4	−0.7	62.9	−3.2	61.4	+1.0	53.1	+3.9	42.0	+4.3	31.6	+3.7	48.4	+2.0
Burnt Cabins, 2 NE	30.1	.....	[30.9]	.....	46.0	.....	48.6	.....	60.1	.....	66.2	.....	71.4	.....	66.2	.....	62.8	.....	55.0	.....	43.2	.....	32.8	.....	[51.1]	.....
Butler	30.8	+1.8	31.0	+2.6	49.2	+11.1	48.8	+0.5	57.9	−2.0	66.4	−2.2	70.8	−1.6	66.2	−3.8	64.5	+0.3	57.4	+4.6	45.1	+3.9	35.1	+3.9	52.0	+1.7
Canton, 1 NW	23.6	.....	22.7	.....	44.3	.....	[44.4]	.....	54.6	.....	63.0	.....	68.4	.....	63.4	.....	[62.4]	.....	[54.5]	.....	42.9	.....	29.6	.....	[47.9]	.....
Carlisle	32.1	+3.5	33.2	+2.8	49.3	+10.5	52.3	+1.6	61.9	+0.1	68.2	−2.9	73.5	−1.5	68.4	−4.4	66.2	+0.7	[58.1]	+5.0	47.4	+5.8	37.2	+5.5	[54.0]	+2.2
Chambersburg, 1 SW	31.0	+1.2	31.4	−0.4	48.0	+8.0	49.8	−0.7	61.1	−0.5	67.3	−3.0	73.4	−1.4	67.6	4.8	65.4	−0.9	56.6	+3.2	45.1	+2.6	34.8	+1.7	52.6	+0.4
Clarion, 3 SW	27.8	.....	28.7	.....	46.5	.....	46.4	.....	57.0	.....	64.8	.....	69.0	.....	64.5	.....	63.4	.....	54.6	.....	43.0	.....	32.4	.....	49.8	.....
Claysville	29.8	−1.0	31.0	−0.3	48.2	+7.5	47.0	−3.4	57.0	−3.8	66.5	−2.7	69.2	3.7	64.2	−7.1	64.4	−1.2	55.7	+1.9	44.7	+2.6	34.1	+1.7	51.0	−0.8
Coalport	27.4	.....	28.9	.....	48.7	.....	44.8	.....	54.9	.....	62.2	.....	67.8	.....	63.2	.....	59.7	.....	53.0	.....	41.3	.....	31.5	.....	48.2	.....
Coatesville, 1 SW	32.4	+2.2	32.2	+1.6	48.2	+8.8	49.5	−1.0	60.6	−0.9	67.3	−3.1	73.4	−1.5	67.6	−5.2	[66.4]	+0.1	58.6	+4.4	46.7	+3.7	35.8	+3.0	[53.2]	+0.9
Columbia	33.4	.....	34.0	.....	50.2	.....	52.5	.....	64.0	.....	69.6	.....	75.2	.....	70.6	.....	68.6	.....	59.6	.....	48.8	.....	37.3	.....	55.3	.....
Corry	26.0	+1.5	25.6	+0.4	45.4	+12.4	43.6	−1.5	54.5	−0.7	63.3	−2.1	66.4	−2.7	63.1	−3.9	61.0	−0.1	53.2	+3.9	42.7	+4.0	31.6	+3.2	48.0	+1.2
Coudersport	24.6	+0.7	25.0	+0.6	44.2	+10.3	44.2	−0.6	54.4	−1.9	61.1	−3.2	67.3	−0.8	62.8	−3.1	60.0	−0.1	52.2	+3.5	[40.8]	+3.8	29.2	+2.9	[47.2]	+1.0
Curwensville, 6 NW	24.0	.....	24.0	.....	43.6	.....	43.6	.....	54.0	.....	60.8	.....	66.4	.....	61.2	.....	60.6	.....	52.8	.....	39.6	.....	28.4	.....	46.6	.....
Derry	32.7	+2.1	31.6	+1.4	*50.1*	+10.1	49.4	−0.2	60.2	−0.6	68.4	−0.6	71.8	−0.9	66.4	−2.9	66.2	+0.7	57.4	−3.3	47.1	+4.8	37.2	+5.0	[53.2]	+1.8
Donegal	28.2	.....	28.5	.....	45.8	.....	43.8	.....	55.2	.....	63.0	.....	66.8	.....	61.6	.....	60.6	.....	52.4	.....	41.4	.....	31.4	.....	48.2	.....
Donora	34.6	+1.0	34.8	+0.5	[53.0]	+10.4	51.4	−0.5	61.6	−1.5	71.0	1.0	74.4	−1.5	69.1	−4.6	67.6	−0.5	[59.8]	+3.1	48.6	+3.4	39.0	+3.3	55.4	+1.0
Eagles Mere	23.8	.....	22.2	.....	42.3	.....	42.4	.....	53.4	.....	60.6	.....	67.4	.....	62.6	.....	63.0	.....	54.2	.....	40.0	.....	26.7	.....	46.5	.....
East Waterford, 3 E	26.8	.....	27.0	.....	46.2	.....	47.8	.....	57.6	.....	64.2	.....	70.2	.....	65.0	.....	64.5	.....	56.3	.....	43.3	.....	32.1	.....	50.2	.....
Ebensburg	26.8	+1.2	27.8	+0.6	45.6	+10.1	44.6	−0.6	55.4	−1.1	62.8	−2.1	67.8	−0.5	62.3	−4.4	61.7	+0.5	54.4	+4.6	42.6	+4.0	31.1	+2.7	48.6	+1.3
Emporium, 1 E	25.6	−0.4	26.2	+0.4	44.5	+9.2	47.0	+0.3	55.4	−2.6	63.2	−2.8	68.8	−1.0	64.6	−3.0	62.4	+0.9	54.8	+4.7	43.2	+3.9	29.4	+0.1	[48.8]	+0.8
Ephrata	33.2	+2.9	33.2	+2.6	49.4	+9.1	52.1	+1.5	62.9	+1.0	69.9	0.0	75.3	+0.3	69.7	−2.8	67.4	+1.0	58.4	+3.9	48.2	+4.7	36.2	+3.5	54.6	+2.2
Erie	30.6	+3.8	28.5	+1.6	46.8	+13.3	46.8	+1.7	56.1	−0.7	66.2	0.0	72.1	+1.1	68.0	−1.6	66.3	+2.7	59.1	+5.7	47.6	+6.2	35.8	+3.9	52.0	+3.2
Everett, ½ SW	29.4	+1.3	30.5	+2.9	45.0	+5.4	47.0	−1.9	59.6	−0.3	*65.8*	−1.7	71.2	−0.5	65.6	−4.1	63.3	+0.3	54.8	+3.0	43.4	+2.7	34.4	+4.8	[50.8]	+1.0
Farrell	31.0	+2.8	[30.6]	+2.1	51.8	+13.8	50.0	+1.1	62.2	+2.2	71.2	+1.6	76.4	+2.8	70.4	−0.7	70.0	+4.8	60.4	+7.1	46.2	+4.6	35.2	+4.2	54.6	+3.8
Ford City, 4 S	27.6	.....	29.0	.....	46.9	.....	46.6	.....	57.0	.....	65.8	.....	69.7	.....	65.2	.....	63.4	.....	55.0	.....	43.4	.....	33.0	.....	50.2	.....
Franklin	27.4	+1.0	27.4	+1.7	46.6	+11.2	45.2	−0.9	55.9	−1.7	65.2	−1.1	69.2	−1.5	64.4	−4.0	63.7	+1.0	54.6	+3.5	43.4	+3.8	32.5	+3.1	49.6	+1.3
Fredericksville, 1 S	29.3	.....	29.8	.....	47.4	.....	49.0	.....	58.8	.....	65.8	.....	71.6	.....	66.8	.....	64.1	.....	56.6	.....	45.6	.....	34.2	.....	51.6	.....
Freeland	25.9	+1.7	24.5	−0.1	46.4	+13.4	[47.4]	+2.9	56.8	0.0	65.2	+0.1	70.0	+0.9	65.0	−1.8	[64.4]	+4.2	58.6	+8.8	[48.2]	+5.7	30.6	+3.4	[49.6]	+3.2
George School	32.4	+1.3	32.1	+0.7	48.0	+7.4	50.0	−0.4	61.1	−0.2	67.9	−1.7	73.0	−1.8	69.1	−3.1	68.0	+1.5	58.9	+3.6	48.0	+4.0	35.4	+2.0	53.6	+1.1
Gettysburg	33.6	+3.5	34.4	+2.9	50.5	+10.0	52.5	+1.5	62.4	+0.5	68.6	−1.8	73.5	−1.1	68.8	−3.6	66.3	+0.2	58.5	+4.9	48.0	+5.4	38.8	+6.1	54.6	+2.3
Gordon	28.1	+1.2	28.4	+1.1	45.4	+8.6	47.8	+0.2	57.9	−0.5	64.9	−1.4	70.6	0.0	65.0	−3.4	63.0	+0.6	54.6	+3.8	43.3	+3.2	31.6	+2.2	50.0	+1.2
Greensburg, 2 S	33.0	+2.1	33.4	+1.9	49.8	+9.8	47.7	−2.6	59.9	−0.6	67.7	−1.2	70.4	−2.1	64.8	−6.0	62.8	−2.6	54.4	+0.3	[45.0]	+2.2	36.2	+3.4	[52.1]	+0.4
Hanover	33.0	+0.5	33.8	−0.7	50.1	+8.1	52.1	−0.3	63.0	−0.4	68.8	−2.8	74.8	−1.0	69.4	4.2	67.4	−0.3	58.8	+2.7	48.4	+3.4	37.5	+3.0	54.8	+0.8
Harrisburg Arpt, 3½ S	32.4	+3.4	32.0	+1.8	48.8	+9.9	51.7	+0.8	62.1	+0.3	68.8	−1.5	74.6	−0.2	69.4	−3.2	67.0	+1.2	58.4	+3.6	47.2	+4.4	36.1	+3.7	54.1	+2.0
Hawley, ½ E	27.1	+2.1	25.8	+0.2	44.5	+10.1	45.4	−0.2	56.4	−1.1	63.9	−2.3	69.8	−0.6	64.8	−3.2	62.0	+0.9	54.2	+4.7	43.6	+4.3	30.8	+2.6	49.0	+1.4
Hewitt, 2 SW	[32.0]	.....	32.7	.....	48.6	.....	52.4	.....	60.3	.....	65.4	.....	70.0	.....	69.2	.....	66.2	.....	61.2	.....	47.4	.....	[39.7]	.....	53.8	.....
Holtwood	33.2	+1.7	34.0	+1.4	49.2	+8.0	52.6	+1.1	63.2	−0.1	68.8	−4.0	76.4	−0.7	71.2	−3.9	69.6	+0.5	59.7	+8.1	48.8	+3.5	36.8	+2.3	55.3	+1.1
Huntingdon	29.8	+0.9	30.6	+1.2	45.8	+7.1	48.8	−0.6	59.7	−0.8	66.6	−2.1	72.2	−0.3	[66.7]	−4.0	65.1	+0.5	56.8	+4.1	45.2	+3.5	34.3	+2.8	51.8	+1.0
Indiana	30.4	+1.3	31.6	+2.0	50.3	+11.5	47.6	−1.7	58.4	−1.4	*66.2*	−1.8	71.8	+0.1	65.8	−4.1	65.9	+1.5	[54.2]	+1.7	46.8	+5.5	[34.4]	+3.6	[52.0]	+1.6
Irwin	33.2	+3.1	33.6	+3.2	51.2	+11.3	49.6	+0.1	60.3	−0.1	69.2	+0.7	75.6	+3.2	69.2	−1.6	71.2	+5.8	61.6	+7.7	49.1	+6.9	38.2	+5.8	55.2	+3.9
Jamestown, 2 NW	28.0	.....	27.8	.....	47.6	.....	46.2	.....	56.4	.....	65.6	.....	69.7	.....	65.4	.....	63.9	.....	55.6	.....	43.4	.....	32.7	.....	50.2	.....
Johnstown	30.8	+0.6	31.6	+1.3	49.7	+10.5	49.9	+0.1	60.5	−0.5	68.6	−0.8	73.0	0.0	67.6	−3.5	65.1	−0.2	57.5	+3.9	46.4	+4.4	35.7	+3.4	53.0	+1.6
Kane, 1 N	22.8	.....	23.2	.....	41.4	.....	40.6	.....	52.2	.....	59.6	.....	63.2	.....	58.8	.....	57.6	.....	50.0	.....	39.3	.....	27.8	.....	44.7	.....
Lancaster	32.4	+2.4	32.2	+1.1	48.8	+8.9	50.8	+1.2	61.5	+0.2	67.2	−3.1	72.2	−2.0	67.6	−4.8	64.6	−1.1	57.0	+3.4	46.4	+3.2	34.9	+1.9	53.0	+1.0
Lawrenceville	27.7	+2.6	27.0	+2.1	45.2	+10.5	46.2	+0.2	[56.5]	−1.1	65.2	−1.1	70.1	−0.5	64.8	−3.6	63.6	+1.7	55.8	+5.2	44.1	+4.9	32.2	+4.1	49.9	+2.1
Lebanon	30.4	+1.3	30.2	+0.6	48.4	+9.2	50.4	+0.1	61.4	+0.1	68.4	−1.6	74.6	+0.4	68.3	−3.9	66.0	+0.2	58.2	+4.5	46.1	+3.4	34.6	+2.6	53.1	+1.4
Lewistown, 1 W	31.6	.....	[31.1]	.....	46.8	.....	51.0	.....	59.8	.....	66.4	.....	73.2	.....	68.0	.....	66.2	.....	57.6	.....	45.5	.....	34.6	.....	[52.6]	.....
Lock Haven	29.1	+1.1	29.7	+1.3	48.2	+9.7	50.8	+0.5	60.2	−1.6	67.6	2.1	72.6	−0.9	67.6	−3.8	66.2	+1.3	57.0	+3.6	44.6	+2.7	33.5	+2.6	52.2	+1.1
Marcus Hook	[39.9]	+4.7	40.2	+4.6	*55.1*	+10.0	*55.6*	+0.9	65.4	−0.8	76.8	+1.3	*78.3*	−0.8	74.0	−2.5	72.8	+2.0	63.2	+3.8	53.0	−4.8	40.4	+1.5	[59.6]	+2.5
Martinsburg	28.7	.....	28.8	.....	46.0	.....	47.2	.....	57.8	.....	64.1	.....	70.1	.....	64.4	.....	62.3	.....	54.5	.....	43.5	.....	33.2	.....	50.0	.....
Meadville, 1 S	26.0	+0.7	25.6	+1.2	45.8	+11.0	44.4	−1.2	55.0	−2.0	64.4	−1.5	68.2	−1.5	63.6	−4.1	62.4	+0.3	54.1	+3.4	42.2	+3.2	31.6	+2.6	48.6	+1.0
Mercer, 2½ NE	27.2	.....	27.7	.....	46.8	.....	44.7	.....	56.0	.....	64.2	.....	68.2	.....	63.1	.....	63.1	.....	54.9	.....	42.6	.....	31.4	.....	49.2	.....
Middletown, ½ W	31.9	+1.6	30.7	−0.8	48.2	+7.8	50.6	+0.7	61.7	−0.2	68.0	−2.6	74.4	−0.6	68.9	−3.7	66.8	+0.6	58.8	+4.7	46.8	+3.2	35.8	+2.8	54.6	+1.2
Midland	31.6	+1.5	32.6	+0.3	49.6	+8.9	48.9	−1.4	59.9	−1.5	67.8	−2.5	71.8	−1.4	67.0	−4.8	65.2	+0.2	56.5	+2.5	45.6	+3.2	35.4	+2.2	52.6	+0.5
Monrose, 3 E	[22.7]	−0.2	21.0	−1.6	42.8	+10.9	42.2	−1.5	53.8	−1.4	62.4	−1.4	68.1	−0.2	62.7	−4.1	61.8	+1.3	53.8	+4.8	41.0	+5.5	[28.2]	+2.0	[46.7]	+1.2
Mount Pocono, 2 N	23.7	+0.6	23.1	+1.3	42.3	+10.4	42.4	0.0	53.8	−0.3	61.2	−0.5	66.6	+0.8	61.3	−2.7	60.6	+2.2	53.3	+5.1	40.8	+4.5	28.3	+2.7	46.4	+2.0
New Bloomfield	29.2	.....	29.6	.....	46.2	.....	49.0	.....	59.2	.....	[63.4]	.....	71.6	.....	66.2	.....	63.2	.....	54.8	.....	44.4	.....	33.0	.....	[51.1]	.....
Newburg, 3½ NW	30.8	.....	31.4	.....	47.4	.....	49.8	.....	60.5	.....	67.0	.....	72.4	.....	60.9	.....	58.4	.....	50.2	.....	38.2	.....	27.8	.....	49.6	.....
New Castle, 1½ N	31.7	+3.6	31.8	+3.0	50.0	+12.9	48.7	+0.1	59.0	−0.7	67.6	−1.5	70.7	−1.9	66.0	−4.5	61.2	−0.2	55.6	+3.1	44.2	+3.7	33.8	+2.9	51.9	+1.7
Palmerton	29.2	+1.0	27.3	−1.8	44.8	+6.6	47.2	−1.1	57.8	−2.1	65.2	−3.6	70.6	−2.7	66.1	−4.5	63.6	−0.5	55.4	+3.0	44.4	+2.7	32.7	+1.3	50.4	−0.1
Park Place, 1 NW	24.6	.....	23.4	..	43.8	.....	44.0	.....	55.8	.....	62.4	.....	68.9	.....	63.4	.....	63.2	.....	55.2	.....	41.7	.....	29.6	.....	48.0	.....
Philadelphia (Airport)	33.8	+2.7	34.5	+2.0	49.8	+10.7	51.8	+1.2	63.3	+1.2	69.2	−1.4	75.2	−0.1	70.7	−2.6	69.4	+3.5	60.2	+4.7	49.1	+5.2	38.0	+3.4	55.4	+2.5
Phila. (City Office)	35.2	+2.6	35.4	+1.5	51.5	+10.7	52.8	+0.7	64.0	+1.1	69.8	−1.6	76.2	0.0	72.1	−2.7	71.4	+3.4	62.4	+4.6	51.6	+5.9	39.9	+3.6	56.8	+2.4
Phila., Shawmont	33.6	+1.8	34.6	+1.4	50.1	+7.7	52.6	+0.3	63.4	+0.1	70.0	−2.5	75.1	1.4	70.9	−3.4	68.9	+0.8	60.4	+4.5	49.5	+4.4	37.8	+3.1	55.6	+1.4
Philipsburg, 7 E	25.2	.....	24.6	.....	42.2	.....	43.2	.....	54.0	.....	59.8	.....	64.7	.....	59.2	.....	57.6	.....	50.4	.....	40.1	.....	29.6	.....	45.9	.....
Phoenixville, 1½ SE	33.4	+2.4	34.1	+1.7	48.6	+7.3	52.1	+0.3	63.9	+1.6	70.2	−1.5	74.6	−1.2	69.6	−4.0	67.6	−0.4	58.2	+2.9	47.6	−3.7	36.6	+2.9	54.7	+1.4
Pittsburgh (Airport)	32.2	+4.0	32.4	+2.6	51.2	+14.0	50.0	+0.8	59.9	−0.3	68.5	−0.1	73.0	0.0	67.4	−3.9	67.1	+2.4	58.8	+4.7	46.8	+5.6	36.2	+4.2	53.6	+2.8
Pittsburgh (City Office)	34.2	+3.5	34.8	+2.5	52.6	+13.0	51.4	+0.2	61.5	0.9	70.3	−0.4	74.4	0.2	69.2	−3.7	68.0	+1.6	59.2	+3.5	48.6	+5.4	38.5	+4.3	55.2	+2.4
Port Clinton	28.6	−0.2	29.6	+0.2	45.4	+6.9	48.5	−1.0	58.2	2.8	65.2	−4.0	71.6	−1.8	66.0	−5.2	63.6	−1.6	57.8	+4.5	44.4	+2.6	32.9	+1.1	51.0	−0.1
Putneyville, 2½ SE	[27.1]	.....	28.6	.....	46.2	.....	45.0	.....	58.6	.....	64.4	.....	68.4	.....	[64.2]	.....	62.6	.....	54.2	.....	43.6	.....	33.0	.....	[49.6]	.....
Quakertown, ½ E	30.4	+2.8	30.0	+1.1	47.1	+9.6	49.0	+0.4	59.6	−0.1	66.8	1.7	73.2	+0.5	67.2	−3.2	65.3	+1.4	56.2	+4.0	46.4	+5.0	35.2	+4.0	52.2	+2.0
Reading	32.9	−1.8	32.6	+2.1	50.0	+9.4	51.8	+1.0	62.5	+0.6	69.0	−1.3	75.3	+0.1	70.0	−2.9	68.4	+1.8	59.8	+4.4	48.7	+4.8	37.2	+3.0	54.8	+2.0
Ridgway	24.6	−0.4	25.3	+0.4	42.8	+9.4	43.5	−1.7	54.4	−1.5	62.8	−1.6	67.7	−0.2	62.2	−4.3	60.5	+0.5	52.4	+3.8	40.3	+2.3	28.6	−0.9	47.1	+0.6
Scranton	29.6	+3.0	27.6	+0.3	47.2	+11.5	47.4	−0.7	58.8	−0.6	65.6	−2.2	72.1	+0.4	66.4	−3.4	65.4	+2.5	56.7	+4.8	45.6	+5.1	33.2	+2.5	51.2	+1.8
Selinsgrove	29.4	+0.7	29.6	+1.0	46.9	+8.2	48.8	−0.6	58.4	−2.4	66.2	−2.9	71.4	−2.0	66.9	−4.5	64.5	−0.3	55.9	+3.0	44.4	+2.6	34.2	+2.6	51.4	+0.5
Somerset	28.8	+2.2	29.8	+2.8	45.0	+9.1	45.6	−0.6	56.7	0.0	64.0	−1.8	67.0	−1.6	62.7	−4.2	59.9	−0.8	52.0	+2.7	42.8	+4.1	32.8	+3.9	48.9	+1.3
Springs, 1 SW	27.8	+1.3	28.2	+0.9	43.6	+7.7	44.2	−1.3	54.6	−0.9	61.4	−2.6	65.2	−2.2	60.6	−5.1	59.0	−0.9	51.3	+1.9	41.8	+3.3	33.0	+3.8	47.6	−0.3
State College	28.8	+2.0	29.4	+2.4	47.4	+11.1	49.6	+2.0	59.2	+0.2	65.3	−1.7	71.6	+0.6	65.3	−3.6	63.6	+0.8	55.5	+4.2	44.2	+4.1	33.6	+3.7	51.1	+2.1
Stroudsburg, 2 E	30.0	+3.0	30.0	+2.4	46.8	+9.8	50.7	+2.3	60.1	+0.4	68.4	+1.0	73.4	+1.4	67.6	2.4	*63.8*	+0.7	57.7	+5.7	46.4	+5.3	[34.0]	+3.8	[52.4]	+2.8
Tamaraek, 2 S	24.4	.....	23.2	.....	43.4	.....	44.4	.....	53.6	.....	61.1	.....	66.8	.....	61.8	.....	61.2	.....	54.0	.....	40.6	.....	28.2	.....	46.9	.....
Tionesta, 1½ SE	24.4	.....	25.8	.....	44.0	.....	45.0	.....	54.6	.....	63.5	.....	69.2	.....	63.2	.....	61.8	.....	52.9	.....	42.0	.....	30.3	.....	48.0	.....
Titusville, 2 S	27.2	.....	26.4	.....	46.9	.....	44.7	.....	55.8	.....	63.8	.....	66.4	.....	62.3	.....	61.6	.....	53.9	.....	42.5	.....	31.0	.....	48.6	.....
Towanda, 1 E	28.9	+3.3	27.6	+2.3	45.2	+10.0	46.8	+0.3	56.9	−0.9	65.0	−1.0	69.6	−1.0	65.4	−3.2	63.5	+1.1	55.6	+4.7	44.4	+4.5	32.6	+3.7	50.2	+1.9
Tunkhannock	29.0	.....	27.6	.....	45.8	.....	[47.0]	.....	[57.8]	.....	65.8	.....	71.6	.....	66.4	.....	[64.1]	.....	55.6	.....	44.8	.....	[32.8]	.....	[50.6]	.....

(Continued on next page)

Monthly and Annual Mean Temperatures for the Year 1946, with Departures from the Normal—Continued.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
Uniontown	35.8	+3.1	35.9	+3.1	52.8	+11.2	52.0	+0.6	61.4	−0.7	70.6	−0.3	73.6	+0.2	67.7	−4.2	68.0	+1.5	58.8	+3.9	49.1	+5.2	39.3	+4.1	55.4	+2.1
Vandergrift	33.2	+1.5	33.4	+1.8	50.2	+10.2	49.6	−0.9	60.2	−0.9	68.5	−1.0	73.2	−0.3	67.4	−4.0	66.6	+1.3	57.8	+3.9	46.0	+3.2	35.9	+2.6	53.4	+1.4
Warren	25.8	+2.2	27.6	+2.6	46.4	+11.9	45.7	+0.8	57.6	+1.0	65.6	+0.1	69.8	0.0	65.0	−2.8	64.6	+2.4	56.1	+5.2	44.4	+5	32.0	+3.5	50.2	+2.6
Waynesburg	34.0	+1.1	33.6	+1.9	50.6	+9.1	50.0	−0.5	60.2	−1.0	67.9	−2.4	71.4	−2.6	65.6	−6.1	64.8	0.9	56.8	+2.2	46.4	+2.8	36	+2.3	53.2	
Wellsboro	24.6	+0.4	24.6	+0.2	42.3	+9.4	43.2	−1.3	53.2	−3.3	62.0	−2.6	67.1	−1.7	65.2	−3.2	61.0	+1.1	53.8	+5.0	41.8	+4.2	28	+2.1	47.2	
West Chester	32.4	−2.8	33.0	+1.7	49.6	+10.3	51.2	+1.2	62.3	+1.3	68.3	1.4	74.0	+0.3	69.4	−2.8	68.4	+2.7	59.7	+5.1	48.6	+5.3	37.4	+4.1	56	+2.5
Wilkes Barre(Airport) 3 N.	23.8	....	27.0	....	46.8	....	47.5	....	§55.4	....	§66.4	.....	72.3	....	66.9		65.3	.....	56.8	.....	45.0	.....	32.6	.....	54.1	.....
Williamsport Airport, 4 E.	28.2	....	28.0	.....	45.8	.....	48.0	.....	§58.4	.....	65.9	.....	72.1	....	66.8		65.0		56.2	.....	43.9	.....	31.7	.....	53.8	.....
Williamstown	30.2	+1.7	30.6	+0.6	48.2	+9.4	49.8	+0.1	§59.5	−1.0	66.8	−1.5	71.7	−0.9	§66.9	−3.8	64.6	−0.4	§56.2	+2.7	46.0	+3.8	34.2	+3.6	§52.4	+1.1
York, 3 SW	33.9	+3.6	35.0	+3.6	50.6	+9.7	52.0	+0.9	63.8	+1.9	70.2	−0.3	75.2	+0.5	70.0	−2.7	68.6	+2.1	59.1	+4.8	48.2	+4.8	36.9	+3.6	55.3	+2.7
For The State	29.2	+1.0	29.3	+0.9	47.1	+9.3	47.8	−0.8	58.3	−1.4	65.8	−2.4	70.7	−1.5	65.9	−3.3	64.3	+0.1	56.0	+3.4	44.7	+3.3	33.5	+2.3	51.1	

Reference letters, as a, b, c., in table indicate number of days missing; for example, b represents 2 days §§ Incomplete. *Italics* interpolated. § Partially interpolated.

COMPARATIVE ANNUAL DATA FOR THE STATE

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more Prec.	Clear	Partly cloudy	Cloudy
1888	47.9	100	−31	45.91	39.7	130	110	116	140
1889	49.8	96	−27	52.67	22.3	136	112	113	140
1890	50.5	101	−18	51.28	55.5	141	106	116	143
1891	50.6	100	−14	45.65	34.1	124	124	108	133
1892	49.3	103	−28	41.30	54.0	125	123	106	137
1893	48.7	102	−25	44.26	61.6	126	116	120	129
1894	51.3	103	−28	43.69	63.1	117	132	116	117
1895	49.4	104	−25	38.51	39.7	104	143	115	107
1896	50.5	101	−26	41.95	42.4	114	124	113	129
1897	50.0	103	−12	42.73	37.2	124	128	106	131
1898	51.8	107	−16	45.49	38.8	130	123	107	135
1899	50.0	101	−39	40.93	47.9	112	134	111	120
1900	51.5	104	−23	37.31	33.3	111	130	114	121
1901	49.4	107	−22	45.54	35.4	123	118	111	136
1902	49.6	100	−24	47.29	60.3	125	123	115	127
1903	49.6	99	−17	46.27	37.3	121	130	105	130
1904	47.5	99	−42	40.44	50.8	127	133	104	129
1905	49.4	99	−25	43.34	40.9	128	133	109	123
1906	50.8	99	−21	42.78	45.0	129	128	104	133
1907	48.5	98	−23	45.45	51.5	132	136	102	127
1908	50.9	104	−29	39.58	54.4	108	157	104	105
1909	50.2	100	−19	37.38	41.4	117	140	102	123
1910	49.9	99	−22	38.99	67.6	119	135	99	131
1911	51.1	105	−18	45.52	39.2	133	131	93	141
1912	49.0	100	−35	44.13	38.6	126	133	99	134
1913	51.7	102	− 9	43.25	24.4	125	148	84	133
1914	49.8	101	−28	38.24	64.2	122	144	97	124
1915	50.1	99	−26	44.26	42.8	131	141	99	125
1916	49.6	103	−31	40.98	51.4	133	153	100	113
1917	47.3	105	−29	41.71	45.6	130	143	110	112
1918	50.2	108	−34	41.06	43.4	124	156	98	111
1919	51.1	104	−23	46.86	26.2	136	152	96	117
1920	49.2	99	−23	40.68	46.0	101	146	102	118
1921	53.1	104	−15	41.80	30.2	130	155	96	114
1922	51.4	100	−19	34.88	39.1	119	155	97	113
1923	50.4	103	−20	39.17	40.7	125	158	91	116
1924	48.4	102	−25	43.13	44.1	123	151	97	118
1925	50.3	104	−29	37.86	44.2	124	149	101	115
1926	48.7	105	−20	43.11	49.8	135	136	99	130
1927	50.9	100	−24	47.30	30.3	140	142	91	132
1928	50.5	99	−23	42.06	37.8	131	145	102	119
1929	50.5	101	−20	44.21	36.7	129	144	99	122
1930	51.2	108	−24	28.82	27.6	110	153	94	118
1931	52.8	105	−16	37.36	22.5	123	151	94	120
1932	51.6	105	−14	39.02	27.8	121	152	92	122
1933	51.7	107	−22	45.43	33.1	135	146	96	123
1934	50.6	107	−34	39.17	30.4	118	159	95	111
1935	50.2	104	−26	40.43	49.7	136	138	92	135
1936	50.4	111	−30	42.57	50.1	127	147	93	126
1937	50.7	101	−14	46.62	27.1	139	134	96	135
1938	51.8	100	−20	40.31	30.1	131	142	95	128
1939	51.7	101	−18	37.06	33.8	126	142	97	126
1940	48.6	105	−19	43.71	47.9	133	120	94	152
1941	51.3	104	−15	34.12	42.4	112	146	95	124
1942	50.5	102	−30	47.84	51.0	137	125	102	138
1943	49.5	102	−27	38.04	38.8	130	125	109	131
1944	50.0	103	−26	40.22	53.8	136	118	111	137
1945	49.7	103	−28	49.27	52.5	161	111	105	149
1946	51.1	101	−27	39.64	21.3	125	131	102	132
Period	50.2	111	−42	42.10	41.8	126	136	103	126

KILLING FROSTS OR FREEZING TEMPERATURE

Stations	Last in spring	First in autumn	Stations	Last in spring	First in autumn
Allentown	Apr. 28	Nov. 13	Lock Haven	Apr. 28	Oct. 13
Altoona	Apr. 21	Oct. 14	Mauch Chunk	May 9	Oct. 14
Bradford	May 10	Sept. 4	Meadville	May 10	Nov. 6
Brookville	May 10	Oct. 14	Mercer	May 15	Nov. 6
Butler	Apr. 28	Oct. 13	Midland	Apr. 7	Nov. 12
Carlisle	Apr. 11	Nov. 15	Montrose	May 3	Nov. 15
Chambersburg	Apr. 28	Nov. 13	New Castle	May 10	Oct. 13
Clarion	May 13	Oct. 13	Philadelphia	Mar. 12	Nov. 16
Claysville	Apr. 28	Oct. 13	Phoenixville	May 10	Nov. 5
Coatesville	May 9	Nov. 13	Pittsburgh	Apr. 11	Nov. 13
Corry	May 10	Sept. 4	Port Clinton	Apr. 8	Nov. 6
Curwensville	May 8	Oct. 13	Quakertown	May 9	Nov. 15
Eagles Mere	May 3	Oct. 13	Reading	Apr. 28	Nov. 15
Emporium	May 13	Nov. 6	Ridgway	May 10	Oct. 13
Erie	Apr. 11	Sept. 4	Scranton	Apr. 28	Oct. 14
Everett	May 10	Oct. 14	Selinsgrove	Apr. 28	Nov. 15
Ford City	Apr. 28	Oct. 13	Somerset	May 10	Oct. 14
Franklin	May 10	Oct. 13	Springs	May 13	Oct. 13
George School	Apr. 28	Nov. 13	State College	Apr. 21	Oct. 13
Gettysburg	Apr. 28	Nov. 13	Stroudsburg	May 9	Oct. 3
Gordon	May 10	Oct. 14	Towanda	May 9	Nov. 16
Greensburg	Apr. 28	Oct. 14	Uniontown	Apr. 28	Nov. 15
Harrisburg	Apr. 28	Nov. 15	Warren	May 10	Nov. 15
Hawley	May 10	Nov. 16	Waynesburg	Apr. 28	Nov. 15
Huntingdon	May 10	Oct. 13	Wellsboro	May 13	Oct. 14
Indiana	May 10	Oct. 14	West Chester	Apr. 28	Nov. 13
Johnstown	Apr. 28	Oct. 13	Williamsport	May 10	Nov. 15
Lancaster	May 10	Nov. 14	York	Apr. 21	Nov. 13
Lawrenceville	May 10	Nov. 15			
Lebanon	Apr. 28	Oct. 14			

MONTHLY STATE DATA

Month	Temperature						Precipitation					
	Mean	Dep. from normal	Highest sta. mean	Lowest sta. mean	Highest	Lowest	Average	Dep. from normal	Greatest	Least	Greatest in 24 hrs.	Average snow
January	29.2	+1.0	39.9	22.7	75	−27	1.36	−1.77	2.76	0.40	1.20	5.0
February	29.3	+0.9	40.2	22.2	75	−14	2.33	−0.47	3.71	0.85	1.88	9.7
March	47.1	+9.3	53.0	41.4	84	6	3.18	−0.34	5.17	0.73	1.70	0.3
April	47.8	−0.8	52.8	40.6	88	13	1.19	−2.22	2.78	0.49	1.25	0.3
May	58.3	−1.4	65.4	52.2	92	23	7.25	+3.28	11.80	3.02	5.39	0
June	65.8	−2.4	76.8	59.6	100	28	6.05	+1.89	11.22	2.74	5.09	0
July	70.7	−1.5	78.3	63.2	101	34	4.05	−0.23	12.27	0.84	7.62	0
August	66.9	−3.3	74.0	58.8	94	30	3.87	−0.29	7.30	1.22	4.95	0
September	64.3	+0.1	72.8	57.6	96	26	3.30	−0.15	7.27	0.92	3.90	T.
October	56.0	+3.4	63.2	50.0	92	24	3.50	+0.23	5.50	1.22	2.51	T.
November	44.7	+3.3	53.0	38.2	83	11	1.26	−1.61	3.57	0.47	1.25	T.
December	33.5	+2.3	40.4	26.7	75	− 4	2.32	−0.76	4.75	1.16	2.15	6.0
Year	51.1	+0.9	78.3	22.2	101	−27	39.66	−2.44	12.27	0.40	7.62	21.3

NOTE: Departures, as shown on the various tables, incorporate all corrections to 1946 monthly issues of Pennsylvania Climatological Data.

(W.B.O., Philadelphia, Pa.—3-7-47—1050)

COOPERATIVE AND RAINFALL OBSERVERS

Stations	Observers
Acmetonia	U. S. Engineers.
Albion	Albion High School.
Allens Mills	Fed-State Flood Festg Ser
Allentown Airport	U. S. Weather Bureau.
Allentown	Allentown-Beth. Gas Co.
Altoona	City of Altoona.
Ansonia	Monta Apgar.
Arendtsville	Pa. St. Col. Expt. Sta.
Austinburg	U. S. Engineers.
Beavertown	Plaza Mills, Inc.
Beaver Falls	H J Kemp.
Berwick	American Car & F'dry Co.
Bethlehem	Lehigh University
Birdsville	U S Weather Bureau.
Blakeslee Corners	Fed-State Flood Festg Ser.
Bloserville	Mrs. Bessie M. Wilders.
Boswell	Frank J. Houpt.
Bradford	City of Bradford
Breezewood	Penna. Turnpike Comm.
Brookville	Civil Aeronautics Auth'y.
Buckstown	Fed-State Flood Festg Ser.
Buffalo Mills	Nelle R. Brown.
Burnt Cabins	Penna. Turnpike Comm.
Butler	The Butler Eagle.
Canton	Mrs. Mildred L. Spencer.
Carlisle	Clarence E. Miller.
Carrolltown	Maurus P. Westrick.
Carter Camp	Irving E. Gressel.
Cedar Run	Chas. R. Nivison.
Chambersburg	Charles A. Bender.
Clarion	Penna. Electric Co.
Claysville	Walter B. Paget.
Clearfield	Wm. H. Witherow.
Coalport	Adam I. Neff.
Coatesville	Philadelphia Electric Co.
Columbia	James H. Rust.
Confluence	John L. Reid.
Confluence, 1SW. Evap.	U. S. Engineers.
Connellsville	E. C. Steward.
Conshohocken	Russell C. Erb.
Coraopolis	U. S. Engineers.
Corry	George P. Mulderick.
Coudersport	Potter Enterprise
Covington	Grover D. Cleveland
Curwensville	U. S Weather Bureau.
Danville	Fed-State Flood Festg Ser.
Dauphin	Fed-State Flood Festg Ser.
Derry	Miss. N. Dixie Wineman
Dingmans Ferry	Geo. E. Darragh.
Donegal	Penna. Turnpike Comm.
Donora	Donora Zinc Works.
Doylestown	Geo. Hart.
Driftwood	Fed-State Flood Festg Ser.
Dunlo	Fed-State Flood Festg Ser.
Dushore	Fed-State Flood Festg. Ser.
Eagles Mere	Carl E. Bigger.
East Waterford	U. S. Weather Bureau.
Ebensburg	John L. McGough.
Emporium	Russell E. Palmateer.
English Center	Fed-State Flood Festg. Ser.
Ephrata	Ephrata Review
Equinunk	Rose H. Nielsen
Erie	U. S. Weather Bureau.
Everett	Penna Turnpike Comm.
Farrell	Carnegie-Ill. Steel Corp.
Ford City	U. S. Engineers.
Franklin	William K. Fuller.
Fredericksville	Henry H. Rohrbach.
Freeland	Andrew B Evansha.
Galeton	W. Gale Lush.
Geigertown	Walter C. Wolf.
George School	George M. Hart.
Gettysburg	Dr. Henry Stewart.
Glen Hazel	Lynn B. Rosenkrans.
Glen Rock	U. S. Engineers.
Gordon	Mi[illegible]
Gouldsboro	L. H. Ehemberger.
Grantville	Edward N. Rhoads
Grateriord	C. K[illegible]up
Greensboro	U. S. Engineers.
Greensburg	Westmoreland Water Co.
Greenville	C. Earl Miller.
Hanover	Hanover Evening Sun.
Harrisburg	U. S. Weather Bureau
Hawley	Mrs. Dean M. Pennell
Hewitt	Miss. Marie E. Roland.
Hollisterville	Penn. P. & L. Co.
Holtwood	Penna. Water & Power Co.
Home	Fed-State Flood Festg Ser.
Hop Bottom	Miss. Freda L. Pratt.
Huntingdon	Paul R. Yoder Jr.
Hunts dale	T. J. Dingle.
Hyndman	W. A. Emerick.
Indiana	Indiana St. Teachers Col.
Irwin	Westmoreland Water Co
Jamestown	Pa. Dept. Forests & Waters
Johnstown	Johnstown Trib. Pub. Co.
Kane	Spring Water Co.
Karthaus	Mrs. Emma M. Shultz
Kirkwood	Soil Conservation Service.
Kregar	Penna. Turnpike Comm
Lakeville	Penn. P. & L. Co.
Lancaster	City of Lancaster
Lansford	Lehigh Nav. Coal Co.
Lawrenceville	Carlos P. Darling.
Lebanon	Lebanon Valley Gas Co.
Lewistown	American Viscose Corp.
Lock Haven	Wm. R. Kelley.
Lycippus	Westmoreland Water Co.
Maple Glen	L. F. Scheibner, Jr.
Mapleton Depot	Miss Ivy S. Buchanon.
Marcus Hook	Sun Oil Co.
Marienville	U. S. Forest Service.
Martinsburg	U. S. Weather Bureau
Matamoras	Henry Bidard
Mauch Chunk	Henry S. Haak.
McConnellsburg	Ruth L. Roettger.
McConnellstown	Fed-State Flood Festg Ser.
Meadville	City of Meadville.
Medix Run	Fed-State Flood Festg Ser.
Mercer	U. S. Weather Bureau.
Mercersburg	Rollin P. Gilbert
Meyersdale	Louis M. Weld.
Middletown	U. S. Army Air Force.
Midland	Perry B. Campbell.
Milanville	Charles W. Davis.
Millersburg	Fed-State Flood Festg Ser.
Millville	Fed-State Flood Festg Ser.
Milroy	Thomas C. Harbeson.
Mouroeton	Fed-State Flood Festg Ser.
Montrose	Harry S. Fancher.
Mosgrove	U. S. Engineers.
Mount Pocono	U. S. Weather Bureau.
Murrysville	Wm. H. McWilliams.
Neffs Mills	Fed-State Flood Festg Ser.
Neffs Mills (Evap.)	Penna. State College.
New Bloomfield	J. Earl Sheaffer
Newburg	Penna. Turnpike Comm.
New Castle	New Castle Water Co.
New Park	C. J. Allen.
Newport	Mrs. Frances E. Fry.
New Tripoli	F. C. Oswald.
Orwell	William I. Brown
Palmerton	New Jersey Zinc Co.
Parkers Landing	Miss. Janette E. Rhodes.
Park Place	U. S. Weather Bureau.
Pecks Pond	Mrs. Carrie Ness.
Pennline	Miss. Retta M. Crumb.
Philadelphia	U. S. Weather Bureau
Phila-Shawmont	Geo. E. Wright.
Philipsburg	U. S. Weather Bureau.
Phoenixville	Phila. Sub- Water Co.
Pikes Creek	Fed-State Flood Festg Ser.
Pine Grove	Penn. P. & L. Co.
Pittsburgh	U. S. Weather Bureau.
Pleasant Mount	Rexford G. Thomas.
Port Allegany	Ralph McConnell.
Port Clinton	E E Rarick.
Pottstown	J. J. Boyle.
Pottsville	Pottsville Water Co.
Punxsutawney	John Volansky.
Putneyville	U. S Engineers.
Quakertown	John E Bennet.
Raymond	Fed-State Flood Festg Ser.
Reading	U. S. Weather Bureau.
Renovo	Mrs. C. W. Baird.
Rices Landing	U. S Engineers.
Ridgway	West Penn. Power Co.
Rush	M. Maud McCain.
Saltsburg	Walter B. Sullivan.
Saxton	Miss. Jean Rhodes.
Scranton	U. S. Weather Bureau.
Selinsgrove	Dr. Merle V. Hoover.
Seward	Edward L. Stutzman.
Shade Gap	Fed-State Flood Festg Ser.
Shamokin	Roaring Creek Water Co.
Shelfield	Fed-State Flood Festg Ser.
Shippensburg	Keith B. Allen.
Smethport	Fed-State Flood Festg Ser.
Somerset	D. L. Grove.
South Mountain	Pa. Dept. of Health.
Springs	Allen E Yoder.
State College	Penn State College.
Strausstown	Robert B. Hiester.
Strongstown	Harry F. Bennett.
Stroudsburg	Metropolitan-Edison Co.
Sunbury	Chas. W Baylor.
Susquehanna	Mrs. Grace E. Brown.
Tamarack	James E. Swartz.
Tanner- Falls	Leslie E. Walter.
Tionesta	U. S Engineers.
Titusville	U. S. Weather Bureau
Towanda	Mrs. M. Ordelia Parks.
Trout Run	Mrs. Sarah B. Strouble.
Tunkhannock	Sky Haven Airport.
Tyrone	Fed-State Flood Festg Ser.
Union City	Fed-State Flood Festg Ser.
Uniontown	Wm. W. Marsteller.
Vandergrift	Carnegie-Ill. Steel Corp.
Virginville	Mrs. Irene M. Werley.
Wallenpaupack Dam	Penna. P. & L. Co.
Warren	Merrell L. Jordan.
Washington	Fed-State Flood Festg Ser.
Waynesburg	Thomas S. Knox.
Wellsboro	Maynard S. Bliss.
Wellsville	D. D. Hoover.
Wernersville	J. H. Thompson.
West Chester	Clyde T. Saylor.
Westgrove	Conard-Pyle Co.
Wilkes-Barre	U. S. Weather Bureau.
Williamsport	U. S. Weather Bureau.
Williamsport	James H. Mapstone.
Williamsport, 4 SE.	Fed-State Flood Festg Ser.
Williamstown	Gordon Lower.
Wind Gap	George R. Hartz.
Woodward	U. S. Weather Bureau.
York	York Water Co.
York Haven	Metropolitan-Edison Co.
Youngsville	Fed-State Flood Festg Ser.
Zionsville	Horace R. Miller.


PENNSYLVANIA
SCALE OF MILES
10 0 10 20 30 40 50
LEGEND
Section Center
Weather Bureau Office
Substation (Temperature and Precipitation)
Substation (Precipitation)
Substation (Evaporation, Temperature, and Precipitation)
NOTE—Dash (—) above station symbol indicates availability of hourly temperature data; below symbol, autographic precipitation records. Symbol at location of equipment; for example, "4SW" indicates station 4 miles SW of postoffice
Lake Erie
ERIE
CRAWFORD
MERCER
VENANGO
WARREN
FOREST
CLARION
JEFFERSON
McKEAN
POTTER
CAMERON
ELK
CLINTON
TIOGA
BRADFORD
SUSQUEHANNA
WYOMING
SULLIVAN
LYCOMING
WAYNE
PIKE
LUZERNE
LACKAWANNA
MONROE
COLUMBIA
LAWRENCE
BUTLER
ARMSTRONG
INDIANA
CAMBRIA
CLEARFIELD
CENTRE
MONTOUR
UNION
SNYDER
MIFFLIN
JUNIATA
PERRY
NORTHUMBERLAND
SCHUYLKILL
CARBON
LEHIGH
NORTHAMPTON
BERKS
BUCKS
BEAVER
ALLEGHENY
WASHINGTON
GREENE
FAYETTE
SOMERSET
BLAIR
HUNTINGDON
BEDFORD
FULTON
FRANKLIN
CUMBERLAND
DAUPHIN
LEBANON
LANCASTER
YORK
ADAMS
MONTGOMERY
CHESTER
DELAWARE
PHILADELPHIA
Erie
Union City
Corry
Albion
Warren
Youngsville
Bradford (4 W)
Smethport (1 SW)
Kane (1 N)
Port Allegany
Raymond
Coudersport
Galeton
Ansonia (2 W)
Wellsboro
Covington
Lawrenceville
Orwell (3 N)
Montrose (3 E)
Susquehanna
Pleasant Mount (1 W)
Towanda
Monroeton (2 S)
Dushore
Tunkhannock
Tannersville (1 SE)
Lakeville (1 N)
Hawley
Honesdale (1 S)
Matamoras
Scranton
Gouldsboro
Dingmans Ferry
Mt. Pocono Airport (1 E)
Wilkes-Barre Airport (3 N)
Pittston (2 N)
Elmhurst Corners
Stroudsburg (2 E)
Delaware River
Pennline (1 S)
Titusville (2 S)
Meadville (1 S)
Jamestown (2 NW)
Greenville
Sharpsville (6 W)
Tionesta (2 E)
Marienville
Franklin
Emporium (1 E)
Ridgway
Driftwood
Renovo
Farrell
Mercer Airport (3 NE)
Clarion (3 SW)
Parkers Landing
Brookville Airport (2 SW)
Allens Mills
Medix Run
Karthaus
Curwensville Airport (6 NW)
Clearfield
Lock Haven
Williamsport Airport (4 SE)
Williamsport
Muncy
Milton
Danville
Bloomsburg
Berwick
Wilkes-Barre
Hazleton
Freeland
Beaver Falls
Butler
Mosgrove
Coalport
Tyrone (4 NE)
Philipsburg Airport (7 E)
State College
Woodward Airport (2 NE)
Milroy (5 N)
Selinsgrove
Sunbury
Shamokin
Ringtown
Port Clinton
Palmerton
Tamaqua
Bethlehem
Easton
Reading
Fred City (4 S)
Vandergrift
Indiana
Strongstown
Carrolltown
Ebensburg
Altoona (4 W)
Neffs Mills (4 NE)
Lewistown (2 SW)
Mifflintown
Newport
Millersburg (2 E)
Pine Grove (2 NE)
Frederickville (1 S)
Fort Clinton
Allentown
Coraopolis (1 E)
Ambridge
Saltsburg
Blairsville (6 NE)
Seward
Johnstown (1 W)
Duncansville
Martinsburg Airport
Huntingdon
Mapleton Depot
Bloserville (1 N)
Carlisle
Harrisburg (4 S)
Middletown
Lebanon (2 SW)
Ephrata
Pittsburgh
Pittsburgh Airport
Murrysville
Mt. Lebanon
Darry
Greensburg (2 S)
Latrobe (2 E)
Boswell (6 NW)
Kregar (4 SE)
Donegal
Saxton (1 W)
Bedford
Everett (1 SW)
Breezewood (1 E)
Buckstown
Somerset
Buffalo Mills
McConnellsburg
Chambersburg (1 SW)
Meyersdale
Hyndman
Hewitt (2 SW)
Confluence (2 NW)
Mercersburg
South Mountain
Gettysburg
Arendtsville
York (3 SW)
Glen Rock
Hanover
New Park
Kirkwood (1 SW)
Westgrove (2 SE)
West Chester
Marcus Hook
Philadelphia Municipal Airport

.05

APR 10 1947
UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LII. JANUARY 1947. No. 1.

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GENERAL SUMMARY.

The year 1947 got off to a warm start, January having continued the warm trend of the past four months, with an even greater excess of temperature than in any of the previous months.

This was the warmest January in ten years and was the sixth warmest of record. The first ten days were generally somewhat colder than the normal, except for a few days, but from then on, there was considerable warming, except around the 21st and 22d. Some days were more than 20° above normal. Notable maxima were recorded in the last week, with temperatures in the 60's general, reaching 70° or above at some stations. Record maxima were recorded at Harrisburg on the 25th, 29th, and 30th; at Philadelphia on the 20th, 25th, and 30th; and at Pittsburgh on the 30th. An exception to the warm weather of the last half of the month occurred on the 22d, when the lowest temperatures for the month were recorded at most stations.

Precipitation for the month totaled 17% above normal, and total amounts did not vary considerably throughout the State. Periods of storminess were at rather evenly spaced intervals of about four days. Precipitation was mostly in the form of rain instead of snow, a reflection of the high prevailing temperatures. Snowfall was about two-thirds of the normal, but varied about the State, having been least in the southeast portion and highest in the northern Alleghenies, as would be expected. Wave disturbances connected with coastal depressions caused the rainfall conditions of the first week. New Year's Day was particularly unpleasant, with sleet, glaze, snow, and generally hazardous driving, resulting in numerous accidents. Glaze and sleet were also apparent on the 7th. A deep low pressure area with an extensive occlusion was responsible for the rain of the 15th. The week of the Pennsylvania Farm Show, from the 13th to the 17th at Harrisburg, brought "regular Farm Show weather" in the early part, with sleet and freezing rain. Thunderstorms occurred about this time at some stations. A low developing over the southeastern states moved northward to Ontario by the 20th, and deepened considerably to provide the rain and windiness on the 20th and 21st. Frontal passages were responsible for the rainfall of the 26th and 30th. Thunderstorms occurred at scattered places on the 30th.

Windiness was general about the 7th and 8th, and again on the 20th, 21st, and 22d, following frontal passages. The 34th Governor of Pennsylvania was inaugurated at Harrisburg under clear skies, but with blustery and cold winds. Happy in the thought that rain or snow did not hamper the outdoor exercises, the Governor and his officials proceeded with the ceremonies, unmindful of the chill. But the occasion was far from the festive one it would have been, had the weather been finer. Toy balloon hawkers complained of poor business, as there were few children afoot.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 83 stations was 33.6°, which is 5.3° above the 60-year normal for January. The highest monthly mean was 39.9° at Marcus Hook, and the lowest was 27.2° at Montrose. Extremes ranged from a maximum of 72° at Carlisle and York on the 30th, to a minimum of −6° at Johnstown on the 22d.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 211 stations, was 3.65 inches, which is 0.52 inch above the 60-year normal for January. The greatest monthly amount was 6.42 inches at Marienville, while the least was 1.69 inches at Towanda. The greatest amount recorded in any 24 consecutive hours was 1.87 inches at Glen Hazel on the 19-20th.

The average snowfall for the State was 7.2 inches, which is 3.3 inches below the 60-year normal. The greatest monthly snowfall was 20.4 inches at Kane. The greatest fall for any observational day was 6.8 inches at Park Place on the 5th and 6th.

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	23.2	61	−19	4.19	14.0	13	5	11	15
1889	29.4	68	−5	3.54	7.8	10	9	13	9
1890	37.5	77	−2	3.04	1.8	14	7	8	16
1891	30.5	64	−4	3.64	9.8	12	6	10	15
1892	26.2	66	−28	4.77	13.5	12	8	8	15
1893	19.0	57	−25	2.85	18.0	12	7	10	14
1894	32.8	65	−9	2.29	7.2	10	9	9	13
1895	24.2	58	−17	4.17	14.2	13	7	10	14
1896	27.6	66	−15	1.43	3.4	6	8	9	14
1897	25.6	74	−25	2.15	11.0	10	8	8	15
1898	30.7	67	−16	4.25	11.0	13	6	8	17
1899	26.6	66	−21	3.05	10.3	10	12	8	11
1900	29.8	63	−8	2.64	5.3	10	8	9	14
1901	29.1	59	−10	2.22	8.6	11	8	8	15
1902	25.6	58	−13	2.80	11.5	9	8	9	14
1903	26.9	68	−13	3.31	11.7	11	6	8	17
1904	20.0	66	−42	3.55	20.4	12	10	6	15
1905	23.8	69	−21	3.70	21.2	12	8	8	15
1906	35.0	85	−4	2.53	4.5	11	10	8	13
1907	30.0	75	−23	4.35	13.2	15	6	7	18
1908	28.4	59	−18	2.68	11.4	9	12	8	11
1909	31.2	72	−19	2.92	12.8	13	9	6	16
1910	27.2	56	−22	5.55	26.0	14	7	5	19
1911	31.6	70	−5	3.54	4.5	13	8	5	18
1912	18.6	57	−35	1.92	13.6	12	8	7	16
1913	36.5	65	3	4.95	4.5	16	9	6	16
1914	30.2	81	−27	3.37	11.7	11	7	7	17
1915	28.3	62	−26	5.56	14.7	13	10	6	15
1916	34.2	76	−12	2.42	1.8	12	9	8	14
1917	27.9	69	−18	3.60	4.2	13	11	8	12
1918	16.2	57	−29	3.51	25.2	12	10	8	13
1919	32.0	64	−15	2.53	6.2	8	14	8	9
1920	20.9	59	−23	2.47	10.0	10	9	8	14
1921	31.0	63	−13	2.58	4.4	10	12	7	12
1922	25.0	62	−19	2.26	16.0	8	14	7	10
1923	29.1	62	−17	4.26	17.6	14	6	6	19
1924	28.1	65	−13	4.34	3.6	8	11	8	12
1925	25.2	55	−29	3.53	29.4	10	11	7	13
1926	27.8	66	−19	2.80	10.5	11	9	9	13
1927	27.4	61	−24	2.90	5.7	13	9	6	16
1928	29.8	65	−23	2.08	6.8	9	12	8	11
1929	27.3	73	−20	3.37	7.6	12	9	9	13
1930	29.2	72	−24	2.25	8.4	12	8	8	15
1931	30.0	65	−12	1.46	4.4	7	12	9	10
1932	40.5	79	9	4.51	1.3	14	7	6	18
1933	37.0	71	−6	2.00	1.9	8	12	7	12
1934	32.2	67	−19	2.54	2.3	11	8	8	15
1935	27.5	72	−23	3.08	13.5	11	11	6	14
1936	28.6	59	−30	4.21	19.4	14	8	7	16
1937	36.7	71	5	6.36	4.3	16	5	7	19
1938	28.9	66	−20	2.51	5.1	12	8	7	16
1939	30.3	69	−18	3.14	15.2	13	8	7	16
1940	19.3	56	−16	1.41	8.4	10	9	7	15
1941	27.9	58	−10	2.62	14.6	13	7	6	18
1942	27.3	64	−30	1.86	7.6	8	11	7	13
1943	28.2	73	−12	2.68	15.5	14	5	7	19
1944	30.6	68	−12	2.12	4.3	7	9	10	12
1945	30.4	58	−28	2.68	22.6	14	8	8	15
1946	29.2	75	−27	1.36	5.0	10	8	8	15
1947	33.6	72	−6	3.65	7.2	14	6	8	17
Period	28.3	85	−42	3.13	10.5	11	9	8	14

Climatological Data for January 1947

Station	County	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	6	32.5	+3.2	66	30	7	7	3.78	+0.28	1.15	30-31	4.5	11	5	7	19	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	61	33.6	+6.1	65	30	0	22	3.46	+0.53	0.66	20	5.5	14	10	4	17	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	5	33.7	.....	64	30	4	22	2.79	.....	0.79	19-20	7.0	9	5	9	17	w.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	7	29.3§	.....	60	30	2	22†	2.52	.....	0.53	30	4.8	14	10	8	13	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	37.4	+8.8	72	30	8	23	3.62	+0.48	1.08	30-31	6.0	10	10	7	14	sw.	Clarence E. Miller.
Chambersburg-1 SW.	Franklin	600	51	34.8	+5.0	69	30	7	22	3.92	+1.11	1.31	30	5.8	10	8	10	13	sw.	Charles A. Bender.
Coatesville	Chester	431	59	36.4	+6.2	69	30	9	22†	3.09§	−0.78	0.86	19-20	3.0	11	11	7	13	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	4	29.0	....	58	30	−5	22	4.32	.....	0.88	19-20	10.9	20	0	4	27	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	5	28.3	.....	59	30	−1	22	3.80	+0.03	0.84	30	9.0	12	5	9	17	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	9	32.4	.....	61	30	−1	22	2.98	+0.52	0.60	30	6.9	11	2	11	18	w.	U. S. Weather Bureau.
Emporium 1 E.	Cameron	1,100	60	31.0	+5.0	63	30	1	22	4.13	+0.77	0.75	30-31	4.5	19	4	6	21	nw.	R. E. Palmateer.
Ephrata	Lancaster	565	49	37.2§	+6.9	67	30	9	22	3.69§	+0.68	1.12	19-20	5.0	10	13	5	13	sw.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	24	34.8	+6.7	68	30	5	22	2.59	−0.31	0.60	30	7.1	13	2	12	17	s.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	53	30.6	+6.4	59	31	−1	22	3.74§	+0.46	1.02	30-31	6.5	14	4	2	25	w.	Andrew B. Evansha.
George School	Bucks	184	40	35.4	+4.3	67	30	8	22	2.71	−0.68	0.63	26	3.1	11	9	8	14	w.	George M. Hart.
Gettysburg	Adams	500	73	38.0	+7.9	70	30	9	22	3.21	+0.12	0.89	20	4.5	11	11	8	12	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	32.4	+5.5	64	30	4	7	3.62	+0.08	1.02	30-31	7.0	9	7	4	20	w.	Miss Sallie M. Johnson.
Hanover	York	600	42	37.1	+4.6	69	30	8	22	4.27	+1.13	1.35	30-31	5.0	12	10	8	13	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	77	36.0	+7.0	70	30	9	22	3.33	+0.24	0.86	30	3.8	13	4	9	18	w.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	36	30.4	+5.4	60	30†	1	5	2.80	+0.07	0.66	30	9.6	13	11	8	12	w.	Mrs. Delia M. Pennell.
Holtwood	Lancaster	200	31	36.0	+4.5	64	30	12	22	2.67	−0.36	0.63	19-20	2.5	11	12	5	14	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	35.4	+6.5	70	30	6	22	3.02	−0.09	0.78	19-20	6.5	12	5	7	19	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	59	37.0	+7.0	68	30	9	22†	3.40	+0.24	0.94	19-20	4.5	10	10	7	14	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	49	31.6	+6.5	59	28†	6	22	2.31	+0.47	0.50	1-2	7.5	14	5	6	20	....	Carlos P. Darling.
Lebanon	Lebanon	469	62	34.4	+5.3	67	30	7	22	4.63	+1.31	1.69	30-31	5.0	11	15	2	14	sw.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	8	34.4	.....	70	30	8	22†	2.93	.....	0.55	19-20	7.0	12	5	10	16	w.	American Viscose Co.
Lock Haven	Clinton	557	55	34.4	+6.4	67	30	6	22	3.09	+0.15	0.80	14-15	3.3	12	11	7	13	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	40.0	+4.6	69	30	12	22	3.65	+0.36	0.77	19-20	1.3	12	8	12	11	sw.	Sun Oil Co.
Martinsburg	Blair	1,493	4	33.8	.....	67	30	2	22	2.45	.....	0.70	19-20	6.7	13	1	7	23	w.	U. S. Weather Bureau
Montrose-3 E.	Susquehanna	1,176	41	27.2	+6.3	60	30	4	1†	3.60	+1.03	0.57	30-31	15.0	16	5	3	23	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,911	5	28.0	+4.9	58	30	0	22	3.86	+0.48	1.07	20	7.7	12	3	11	17	w.	U. S. Weather Bureau.
Palmerton	Carbon	455	28	32.0	+3.8	65	30	8	22	4.76§	+1.97	1.76	30-31	7.1	11	4	9	18	sw.	New Jersey Zinc Co.
Philadelphia, C. O.	Philadelphia	26	76	39.8	+7.2	70	30	12	22	3.81	+0.51	0.95	20	1.3	12	9	7	15	sw.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	4	29.8	.....	59	30	−2	22	3.57	.....	0.77	14-15	8.3	18	0	8	23	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	37	37.2	+6.2	68	30	10	23	3.71	+0.05	0.70	1	4.8	11	13	8	10	w.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	8	33.2	+4.4	66	30	9	7†	4.31	+0.79	1.47	30-31	7.0	10	15	8	8	....	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	61	34.4	+6.8	66	30	5	7	3.38	−0.08	1.05	20	5.2	10	10	9	12	w.	John E. Benner.
Reading	Berks	273	76	37.2	+6.1	69	30	10	22	3.88	+0.31	1.08	19-20	5.6	16	5	9	17	w.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	33.0	+6.4	66	30	8	22	2.54	−0.49	0.68	20	8.7	13	1	14	16	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	56	34.4	+5.7	68	30	7	7†	3.97	+0.96	0.88	19-20	5.8	11	10	7	14	sw.	Dr. Merle V. Hoover
State College	Centre	1,217	61	33.8	+7.0	65	30	2	22	2.67	−0.24	0.74	15	3.8	11	5	10	16	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	27	33.8	+6.8	65	31	6	7	4.33	+1.07	1.27	30-31	7.5	11	7	7	17	w.	Metropolitan Edison Co.
Tamarack-2 S.	Clinton	2,250	6	28.0	....	56	30	−4	22†	3.00	.....	0.47	30	9.0	17	4	10	17	w.	James E. Swartz.
Towanda-1 E.	Bradford	754	52	32.2	+6.6	66	30	7	22	1.69	−0.29	0.41	14-15	4.6	14	6	7	18	w.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	76	29.5	+5.3	57	30	2	23	2.08	−0.29	0.45	30	3.7	18	6	5	20	w.	M. S. Bliss.
West Chester	Chester	440	97	37.4	+6.8	68	30	9	22	3.63	−0.15	0.94	19-20	3.8	11	12	6	13	sw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	2	32.2	.....	65	30	7	22	2.99	.....	0.75	15	4.4	13	1	12	18	sw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	39	34.8	+6.3	64	30†	4	23	3.32§	+0.64	1.05	30	5.0§	8	.....	.....	.....	.....	Gordon E. Lower.
York 3 SW.	York	390	58	38.2	+7.9	72	30	1	23	5.60	+2.60	1.78	30-31	4.0	11	10	3	18	se.	York Water Co.
Division mean.			....	33.7	.....	72	30	−5	22	3.41	.....	1.78	30-31	5.8	12	7	8	16	w.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	11	33.2	.....	67	29	−4	22	3.59	+0.65	0.79	15	13.9	18	0	2	29	w.	U. S. Weather Bureau.
Bradford-4 W.	McKean	1,680	29	29.4	+5.3	52	31	−1	22	6.08	+3.07	0.96	1-2	17.5	16	1	7	23	w.	City Water Dept.
Brookville Apt.-1.5SW.	Jefferson	1,400	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Civil Aeronautics Authority
Butler	Butler	1,077	33	35.8	+6.8	64	30	2	22	3.63	+0.86	0.67	30	8.2	17	6	5	20	sw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	36	32.2	.....	60	30	0	22	4.83	+1.41	0.82	30	9.2	20	1	6	24	w.	Penna. Electric Co.
Claysville	Washington	1,170	43	34.9	+4.1	68	30	2	2†	4.53	+1.41	0.96	15-16	5.1	15	2	9	20	w.	Walter B. Paget.
Corry	Erie	1,410	32	30.4	+5.9	57	30	2	22	5.79	+2.53	0.96	29-30	21.9	20	1	14	16	sw.	J. Fred Kinley.
Coudersport	Potter	1,663	22	29.8	+5.6	58	30	−1	22	4.52	+1.73	0.97	15	8.5	14	5	7	19	s.	Potter Enterprise.
Derry	Westmoreland	1,100	49	37.8	+7.2	69	29†	3	22	3.10	−0.58	0.61	15	7.0	15	10	8	13	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	32.8	.....	65	30	−2	22	3.88	.....	0.60	30	9.6	19	0	19	12	w.	Penna. Turnpike Comm.
Donora	Washington	761	20	39.2§	+5.6	69	30†	3	22	2.99	+0.60	0.58	15	2.9	13	2	9	20	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	31.6	+6.0	64	29	−4	22	4.26	+1.07	0.74	15	17.0	21	4	6	21	w.	John L. McGough.
Farrell	Mercer	855	33	35.0§	+6.8	60	30	2	22	4.30	+1.87	1.12	30	4.2	13	9	10	12	sw.	Sharon Steel Corporation
Ford City-4 S.	Armstrong	950	3	34.1	.....	67	30	2	22†	3.61	.....	0.53	20-21	2.7	16	3	4	24	sw.	U.S. Engineers.
Franklin	Venango	987	72	32.4	+6.0	61	30	2	22†	3.96	+0.56	1.07	2	9.0	14	13	3	15	s.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	37	37.5	+6.6	70	30	5	22	3.41	+0.02	0.67	14-15	5.5	17	2	11	18	sw.	Westmoreland Water Co.
Indiana-2.5 SE.	Indiana	1,102	45	34.8	+5.7	67	30	2	22	3.48	−0.17	0.89	14-15	4.1	16	6	10	15	w.	Clymer Water Service Co.
Jamestown-2 NW.	Mercer	1,050	5	31.7	.....	59	29	0	22	4.27	+1.72	0.92	30-31	.....	16	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	36.8	+6.6	70	29	−6	22	3.82	−0.27	0.66	15-16	12.5	20	7	5	19	s.	Johnstown Tribune Pub. Co
Kane-1 N.	McKean	1,750	31	28.2	.....	52	30	−2	22	6.19	+2.65	1.07	30	20.4	24	6	1	24	w.	Spring Water Co.
Meadville 1 S.	Crawford	1,065	52	30.6	+5.3	61	29†	1	22	3.72	+0.59	0.73	30-31	16.2	18	4	7	20	sw.	City of Meadville.
Midland	Beaver	780	10	35.4	+4.8	61	14	4	22	4.30	+1.63	0.83	30	1.2	15	3	10	18	nw.	Perry P. Campbell.
New Castle-1.5 N.	Lawrence	900	66	34.0	+5.9	61	30	4	22	3.76	+0.85	0.92	30	2.1	16	3	10	18	n.	New Castle Water Co.
Pittsburgh Arpt.-7.5 SE.	Allegheny	1,386	13	36.2	+8.0	66	30	1	22	3.55	+0.50	0.89	1-2	3.5	16	0	4	27	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	3	31.3	.....	64	30	−2	22†	4.18	.....	0.64	20-21	4.4	19	0	6	25	w.	U.S. Engineers.
Ridgway	Elk	1,385	39	29.6	+4.6	61	30	−2	22	4.32	+1.49	0.84	2-3	10.5	17	3	4	24	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	33.0	+6.4	66	29	−2	22	3.56	−0.68	0.78	15	8.7	15	1	6	24	sw.	D. L. Grove.
Springs-1 SW.	Somerset	2,500	27	32.0	+5.5	63	29†	2	23	3.70	+0.04	0.65	20	7.3	18	1	5	25	w.	Allen E. Yoder.
Tionesta-1.5 SE.	Forest	1,200	9	30.6	.....	59	30	0	22	5.28	+2.81	1.12	2-3	8.7	17	6	5	20	sw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	3	30.4	.....	58	30	−1	22	5.33	.....	1.01	14-15	11.5	20	1	18	12	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	58	39.2	+6.5	70	30	4	22	3.58	+0.05	0.67	14-15	6.3	18	2	13	16	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	32	37.6	+6.9	69	30	4	22	3.02	+0.33	0.60	20	....	12	8	19	4	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	55	31.5	+5.9	58	30	0	22	4.75	+1.92	0.83	2-3	16.4	23	8	11	12	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	17	37.2	+4.3	68	30	2	22	4.49	+1.35	1.27	14-15	4.5	10	0	12	19	w.	Thomas S Knox.
Division mean.			....	33.5	.....	70	29†	−6	22	4.11	.....	1.87	19 20	9.0	17	4	8	19	sw.	
Lake Drainage																				
Albion	Erie	900	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Albion High School
Erie	Erie	705	73	32.7	+5.9	57	27	7	22	4.40	+1.63	0.70	20-21	13.4	18	1	8	22	sw.	U. S. Weather Bureau.
State mean.			....	33.6	+5.3	72	30	−6	22	3.65	+0.52	1.87	19 20	7.2	14	6	8	17	w.	

[See page 8 for explanation of reference marks.]

Daily Precipitation for January 1947

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	...	.40	.04	...	...	.20	...	...	...	...	...	...	...	.10	.25	.18	.02	...	...	.60	.56	...	...	...	...	...	.24	...	...	.82	3.41
Equinunk[2]	Wayne	...	.50	.25	.03	...	.14	.02	.02	.06	...	.05	...	...	...	.17	.42	.02	...	...	.36	.60	.04	...	...	...	...	.20	...	...	.58	3.46
Hawley[2], 0.5 E	Wayne	...	.50	.11	T.	...	.16	...	T.	.02	.01	.09	...	...	.10	.16	.31	...	...	...	.20	.38	T.	...	...	...	...	.10	...	...	.66	2.80
Hollisterville[2]	Wayne	...	.46	.09	.02	...	.25	...	.01	.03	.01	.03	...	...	.01	.18	.27	T.	...	...	.21	.58	.02	...	...	.01	...	.11	...	...	.50	2.70
Lakeville[2], 1 N	Wayne	...	.38	.08	...	...	.41	...	.01	...	.01	.07	...	...	*	*	.39	...	...	...	*	.51	T.	...	...	...	...	.08	...	...	.42	2.34
Matamoras[2]	Pike	...	.42	.07	...	...	.27	...	...	...	...	...	...	...	.06	.08	.26	...	...	...	.24	.56	...	...	...	...	...	.28	...	...	.72	2.96
Milanville[2]	Wayne	...	.48	.08	T.	...	.25	...	T.	.05	...	.05	...	T.	...	.22	.33	...	...	...	.29	*	.58	...	...	...	...	.22	...	...	.60	3.15
Mount Pocono[1], 2 N	Monroe	.55	.06	.05	T.	.25	T.	T.	T.	.02	T.	T.	...	...	.20	.43	T.	T.	...	T.	1.07	.01	T	...	T.	...	.18	...	...	...	.85	.23	3.86
Pecks Pond[2]	Pike	...	.39	.04	...	...	.20	...	...	.02	T.	...	...	...	.14	.08	.23	...	...	...	.43	.85	...	...	...	...	...	*	.17	...	.87	3.42
Pleasant Mount[1, 5], 1 W	Wayne	.45	.27	...	...	.19	.01	.05	.07	...	.05	.08	...	...	.12	.64	.06	...	...	...	.74	.16	...	...	...	...	.16	...	...	.60	.18	3.83
Stroudsburg, 2 E	Monroe	.01	.66	.04	...	...	.30	...	...	T.	T.	...	...	...	.26	.24	.04	...	...	...	1.21	T.	...	...	...	...	.12	.18	...	...	T	1.27	4.33
Tanners Falls[1, 5], 1 SE	Wayne	.42	.25	.05	...	.14	.01	...	...	...	.05	.05	...	...	.09	.53	...	...	...	...	.96	.10	...	...	...	...	.16	...	...	.36	.15	3.32
Wind Gap[1, 5], 3 SW	N'rthampton	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh	.49	.03	T.	...	.23	T.	T.	T.	T.	...	...	...	T.	.09	.27	.04	...	...	T.	1.07	.02	...	...	T.	...	.39	T.	...	.50	.65	3.78
Allentown[2]	Lehigh	...	.70	.04	T.	...	.22	...	...	T.	T.	...	...	...	.14	.26	.18	.02	...	...	.66	.30	T.	...	...	T.	...	.39	...	...	.99	.39	3.90
Bethlehem[1]	N'rthampton	.43	.01	.07	...	.21	.02	T.	T.	T	...	...	...	...	.34	.24	.04	...	...	T.	.95	.01	...	...	...	...	.36	...	...	.17	.39	3.24
Blakeslee Corners[1, 5]	Monroe	.30	.06	.05	...	.28	.03	...	...	...	...	...	...	...	.06	.50	...	...	...	...	.80	.02	...	...	...	...	.13	.05	...	.83	.25	3.36
Gouldsboro[2]	Wayne	...	.33	.10	...	...	.20	...	...	.03	.01	...	...	...	.10	.11	.39	...	...	...	.27	.88	...	...	...	...	...	.12	...	...	.93	3.47
Lansford[2]	Carbon	...	.48	.10	...	...	.28	...	...	T.	T	...	...	...	T.	.24	.23	...	...	...	.70	.77	T.	...	...	T.	.42	...	...	1.36	4.58	
New Tripoli	Lehigh	.18	.42	.06	...	...	.24	...	...	T.	T	...	...	...	.28	.33	.03	...	...	...	1.59	T.	...	...	...	T.	.48	.03	...	T.	1.72	5.36	
Palmerton[1, 5]	Carbon	.47	.05	.01	...	.30	T.	...	...	T.	...	...	...	T.	.18	.32	...	...	...	...	1.33	.01	...	...	T.	...	.33	T.	...	1.27	.49	§4.76
Zionsville, 1 SW	Lehigh	*	.70	...	...	...	.20	...	...	...	...	...	...	...	.45	.30	.10	...	...	...	1.15	.05	...	...	...	...	.25	.15	...	...	.30	3.65
SCHUYLKILL																																	
Conshohocken	Montgomery	.27	.57	.02	...	T.	.24	.08	...	T	...	...	T	...	.57	.19	.07	...	...	...	1.06	...	...	...	...	...	.59	.02	...	...	.19	§3.87
Fredericksville[2], 1 S	Berks	...	.69	.04	...	...	.21	...	T.	T.	...	T.	...	...	.29	.12	.13	.02	...	...	.69	.32	T.	...	...	...	...	.39	...	...	.99	.54	3.41
Geigertown[2]	Berks	...	.58	...	...	...	.25	...	...	...	...	...	...	...	.22	.25	*	.24	...	...	.83	...	...	...	...	...	...	.26	...	...	.15	.28	2.78
Gratersford[2]	Montgomery	...	.68	.09	...	...	.18	...	T.	...	...	...	...	...	.17	.51	.21	.14	...	...	.38	.83	...	...	...	...	...	.64	...	...	.53	.34	4.36
Phoenixville[2], 1.5 SE	Chester	...	.70	.06	...	...	.18	...	...	...	...	...	T.	...	*	.70	*	*	...	...	1.10	.25	...	...	...	...	...	.48	...	...	.24	.31	3.71
Port Clinton[2]	Schuylkill	...	.44	.10	...	...	.30	...	...	...	...	...	...	...	.09	.12	.18	...	...	...	.64	.59	...	...	...	...	...	.38	...	...	1.47	4.31	
Pottstown[2], 0.5 S	Montgomery	...	1.21	.06	T.	...	.18	...	...	...	...	...	...	.34	.21	.20	.08	...	...	...	.80	.18	...	...	...	...	...	.50	...	...	.31	4.07	
Pottsville[2]	Schuylkill	...	.50	T.	...	...	.38	...	...	...	...	...	...	...	...	.20	.19	T.	...	...	.62	.50	T.	...	...	...	...	.50	...	...	.90	3.79	
Reading[1, 5]	Berks	.55	.06	.05	...	.15	.09	T.	...	T.	...	...	...	.04	.30	.24	.06	...	...	.02	1.06	.02	...	...	.01	...	.55	...	...	.08	.60	3.88
Strausstown[2]	Berks	...	.57	...	...	...	.27	...	...	...	...	...	...	...	.02	.47	.27	T.	...	...	.75	.55	...	...	...	T.	...	.54	...	...	1.45	4.89	
Virginville[2]	Berks	.22	.45	.08	...	...	.20	...	...	T.	...	...	...	...	.11	.28	.19	.10	...	...	.60	.88	...	T	...	...	...	.58	...	...	1.47	5.16	
Wernersville	Berks	.35	.28	.04	...	...	.19	T.	...	...	...	...	...	...	.35	.33	.05	...	...	...	1.55	T.	...	...	...	T.	.72	.01	...	T.	.75	4.62	
LOWER DELAWARE																																	
Coatesville[2]	Chester	...	.58	.05	...	...	.18	...	...	...	...	...	T.	...	.36	.16	.21	.07	...	...	.71	.15	...	...	...	T.	...	.56	...	...	.11	§3.09	
Doylestown	Bucks	.17	.55	.05	...	...	.20	...	...	T.	...	...	...	...	.18	.35	.12	...	...	...	.83	...	...	...	...	...	.18	*	...	...	.22	2.85	
George School[6]	Bucks	.42	.26	.05	...	...	.15	T.	...	...	...	...	...	...	.11	.29	.12	...	...	...	.54	...	...	...	...	...	.60	.03	...	...	.14	2.71	
Maple Glen[7]	Montgomery	...	.53	.11	...	...	.15	...	...	...	...	...	...	...	.28	.05	.24	.06	...	...	.78	T.	...	...	...	...	...	.55	...	...	.46	3.21	
Marcus Hook[2]	Delaware	...	.60	.05	...	...	.21	T.	.08	...	...	...	T.	...	.60	.07	.20	.13	...	...	.77	.20	...	...	...	...	...	.69	...	...	.05	3.65	
Philadelphia																																	
Southwest Airport, [1]	Philadelphia	.60	.02	.08	...	.21	T.	.07	T.	T.	...	...	T.	.11	.14	.23	.13	...	...	T.	.82	T.	...	...	...	T.	.70	T.	...	T.	.22	3.63	
City Office[1, 5]	Philadelphia	.80	.05	.01	...	.23	T	.04	T.	...	...	...	T.	.07	.49	.26	.09	...	...	T.	.95	T.	...	...	...	...	.70	T.	...	T.	.12	3.81	
Shawmont	Philadelphia	.25	.55	.15	...	...	.20	.10	...	...	...	...	...	...	.45	.28	.08	.03	...	...	.95	T.	...	...	...	...	.10	.48	...	T.	.15	3.77	
Quakertown, 0.5 E	Bucks	.21	.41	.04	...	...	.22	...	...	...	...	...	...	...	.52	T.	.11	...	...	...	1.05	...	...	...	...	...	.30	.21	...	T.	.31	3.38	
West Chester	Chester	.46	.28	.07	...	...	.15	T.	...	...	...	...	T	...	.47	.28	.12	...	...	...	.94	...	...	...	...	...	.44	.07	...	...	.40	3.63	
West Grove[2], 1.5 SE	Chester	T.	.67	...	...	...	.12	...	.03	...	...	...	T.	...	.45	.11	.20	.14	...	...	.82	.19	...	...	...	T.	...	.51	...	T.	.44	3.68	
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.09	.31	.53	...	...	...	...	...	...	.05	...	...	...	.01	.46	...	...	...	...	.16	...	...	...	...	.12	.10	.22	...	.17	...	2.22	
Covington[2]	Tioga	...	.08	.17	.05	...	.04	...	...	T.	.02	T.	...	...	.03	T.	.38	T.	...	...	.10	.37	T.	...	...	T	...	T.	...	...	.58	1.82	
Lawrenceville	Tioga	.05	.50	.22	T.	...	.05	...	.12	.09	.02	...	...	...	.15	.38	.08	...	...	...	.20	T.	...	...	...	...	.10	...	T.	.25	.10	§2.31	
NORTH BRANCH																																	
Berwick	Columbia	.11	.10	...	...	...	.21	...	...	...	...	...	...	...	.02	.78	...	...	...	...	.72	...	...	...	...	...	.11	.06	...	...	.88	2.99	
Canton[2], 1 NW	Bradford	...	.24	.23	.09	...	.10	...	...	.03	T.	...	...	...	...	.09	.41	.02	...	...	.10	.32	.04	...	...	...	...	.28	...	...	.53	2.52	
Danville[2]	Montour	...	.37	.14	...	...	.30	...	...	...	T.	...	...	...	.10	.24	.53	...	...	...	.35	.48	...	...	...	...	...	.58	...	...	.91	4.00	
Freeland[2]	Luzerne	...	.14	.30	.04	T.	.28	.05	T.	.08	T.	...	...	...	.18	.20	.35	...	...	...	.35	.43	.02	...	...	...	...	.35	...	...	1.02	§3.74	
Hop Bottom[2], 2 S	Susquehanna	...	*	.60	...	...	.15	...	...	.10	...	.15	...	...	...	.30	.40	...	...	...	.72	.20	...	...	...	...	...	.33	...	...	.40	3.35	
Millville[1, 5]	Columbia	*	.48	...	...	.14	...	...	...	...	...	...	...	...	.10	.70	...	...	...	.02	.71	.04	...	...	...	...	.48	...	...	.68	...	3.35	
Monroeton[2], 2 S	Bradford	...	.28	.18	.03	...	.20	T.	...	.02	.02	T.	...	...	T.	.05	.49	.03	...	...	.17	.28	T.	...	...	T.	...	.28	...	...	.41	2.44	
Montrose[2], 3 E	Susquehanna	T.	.38	.41	.08	...	.27	...	.02	.06	T.	.21	...	...	T.	.22	.38	.09	...	...	.11	.36	.14	T.	T.	.02	...	.28	...	...	.57	3.60	
Orwell[2], 3 N	Bradford	T.	.15	.25	...	...	.04	...	...	T.	.03	...	...	...	.06	.11	.29	T.	...	...	.12	.16	T.	.02	...	...	...	.18	...	...	.37	1.78	
Park Place[1], 1 NW	Schuylkill	.25	.03	.11	T.	.34	.03	T.	T.	.04	T.	...	...	...	.12	.48	...	...	...	T.	1.00	.02	T.	...	T.	...	.40	T.	...	...	.14	3.73	
Pikes Creek[1, 5]	Luzerne	.30	.20	.05	...	.13	...	...	...	...	...	...	...	...	.08	.60	...	...	...	...	1.20	...	...	...	...	...	.18	...	...	...	.58	3.32	
Rush[2]	Susquehanna	...	.30	.24	.02	...	.14	...	...	.05	...	.09	...	...	...	.10	.46	.03	...	...	.13	.18	...	...	...	...	...	.36	...	...	.58	2.63	
Scranton[1, 5]	Lackawanna	.31	.02	.17	T.	.20	.05	T.	.01	T.	...	...	...	...	.03	.35	...	...	...	T.	.68	.04	...	...	T	...	.12	...	...	.46	.10	2.54	
Susquehanna[2]	Susquehanna	...	.37	.20	.08	T.	.11	...	.02	.03	.01	.05	...	...	T.	.15	.37	.08	...	...	.20	.37	.01	...	T	.01	...	.13	.02	T.	...	.54	2.75	
Towanda, 1 E	Bradford	.09	.26	.03	1	...	.11	T.	T.	.04	T.	.02	...	...	T.	.41	.02	...	...	...	.23	.04	...	...	...	T.	.05	.09	...	...	.15	.15	1.69
Tunkhannock[2]	Wyoming	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Wilkes-Barre[1], 3 N	Luzerne	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
WEST BRANCH																																	
Ansonia[2], 2 W	Tioga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bellefonte[2]	Centre	...	.29	.16	.06	...	.05	T	T.	T.	T.	...	...	...	.08	.14	.62	...	...	...	.23	.16	T.	...	...	...	T	.02	...	...	.58	2.39	
Carrolltown[2]	Cambria	...	.34	.32	.23	...	.19	.02	.10	.08	.02	...	...	...	...	.18	.73	.08	...	...	.13	.60	.06	.01	...	.12	.04	.14	...	...	.43	3.82	
Carter Camp[2]	Potter	...	.27	.52	.21	...	.06	T.	T	.02	.03	.05	...	T.	...	.33	.35	.04	...	...	.19	.47	.05	...	...	.14	T.	.35	...	...	.58	3.66	
Cedar Run[2]	Lycoming	...	.28	.27	.15	...	.07	...	.03	.04	.01	.07	...	...	.04	.16	.38	...	...	...	.25	.52	.07	...	...	.05	...	.21	...	...	.54	3.17	
Clearfield[2]	Clearfield	...	.36	.24	.06	...	.03	T.	.07	.16	.05	...	...	...	.12	.18	.54	.02	...	...	.29	.65	.03	...	...	.14	.05	.38	...	T.	.44	3.81	
Coalport[2]	Clearfield	...	*	.67	.12	T	.18	T.	T	.08	.05	...	...	...	...	.08	*	.85	...	...	*	*	.92	...	...	*	*	.28	...	...	.30	§3.38	
Curwensville Apt[1] 6 NW	Clearfield	.30	.32	.20	.01	.10	.02	.19	.13	.14	.03	...	T.	T.	.19	.51	.07	...	...	.07	.86	.19	T.	T.	.09	.07	.38	T.	T.	T.	.45	T.	4.32	
Driftwood[1, 5]	Cameron	*	*	.75	...	.05	.02	.04	.02	...	.04	.01	...	...	.16	.53	...	...	...	.01	.29	.06	...	...	.03	.07	.13	...	...	.45	...	§2.66	
Dushore[1, 5]	Sullivan	.21	.20	.05	...	.18	...	...	...	.02	...	...	...	...	.09	.61	...	...	...	...	.01	.51	...	...	...	.05	.28	...	...	.60	...	2.81	
Eagles Mere[2]	Sullivan	...	.32	.09	.10	...	.29	...	...	T.	.09	T.	...	...	...	.20	.45	...	...	...	.24	.65	.06	...	...	...	...	.47	...	...	.84	3.80	
Emporium[2], 1 E	Cameron	...	.15	.63	...	.01	.02	...	.03	.02	.04	.07	...	T.	.07	.28	.43	.02	...	...	.12	.70	.05	T	...	.17	...	.50	.07	...	.75	4.13	
English Center[1, 5]	Lycoming	.28	.30	.05	...	.05	...	...	.01	.02	.02	...	...	...	.05	.46	...	...	...	.03	.61	...	...	...	...	.01	...	...	...	.52	...	2.41	
Galeton	Potter	.08	.32	.17	...	...	.10	T.	.13	.04	T.	.03	...	...	.04	.60	T.	...	...	...	.56	.07	T.	...	.10	...	.20	.05	...	.01	.60	.06	3.16	

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield		.24	.41	T.		.09		.05	.05	T.				.02	.16	.53				.26	.47	.02			.07	.02	.22				.44	3.05
Lock Haven[2]	Clinton		.33	.25	.10		.04		T.	T.					.06	.23	.58				.41	.33	T.			.01		.15			.60	3.09
Medix Run[1, 5]	Elk	.18	.40	.19		.04	.01	.06				.05			.20	.41	.04			.05	.48	.05		.05		.05	.30				.51		3.07
Philipsburg[1], 7 E	Centre	.37	.33	.20	T.	.20	T.	.01	.03	.03	.03		T.	T.	.15	.67	T.			.04	.41	.27	T.	T	.05	.01	.14		T.	T	.62	.01	3.57
Renovo[2]	Clinton		.27	.28	.13		.03		.01	T.	T.	.04			.07	.16	.56				.22	.41	T.			.09	.01	.17				.56	3.01
State College[1, 5]	Centre	.27	.20	.07	T.	.11	T.	T.	T.	T.	T.				.15	.74	T.			.05	.43	.04		T	T.	.07	T.			.54		2.67
Tamarack[2], 2 S	Clinton	T.	.35	.26	.08	T.	.11	T.	.05	T.	.03	.06	T.		.06	.19	.45	.01			.16	.28	.02	T.	T.	.12	T.	.30				.47	3.00
Trout Run	Lycoming	.20	.40	.09			.01									.90	.01				.85	.01					•	.41			.52	3.40
Tyrone[1, 5], 4 NE	Blair	.29	.18	.18		.05									.16	.77				.10	.60					.04	.13				.30		2.80
Wellsboro[2]	Tioga	T.	.16	.21	.08		.03		.01	.01	.03	.02			.07	.11	.32	.01			.14	.25	.01			.01	T.	.16				.45	2.08
Williamsport Apt.[1]-4 E	Lycoming	.24	.23	.09		.09	T.	T.	T.	T.	T.	T			.13	.75	.01			.07	.41	.04	T.		T.	.01	.33		T		.59		2.99
Williamsport[2]	Lycoming		.33	.17	.12		.13			T.	T.				T.	.10	.76				.29	.24						.30			.48	2.92
Williamsport[2], 4 SE	Lycoming		.36	.22	.07		.13		T.	T.	.02	T.			T.	.33	.60	.01			.30	.33	.02					.41			.57	3.37
JUNIATA																																	
Altoona, 4.5 W	Blair	.18	.36	.37			.15	T.	T.	.03					.08	.64	.09				.66	.12				.06	.12				.37	.23	3.46
Breezewood[1], 0.5 E	Bedford	.40	T			.25								.02	.26	.30	.07			.11	.45	T				.05	.05				.60		2.56
Buffalo Mills[2]	Bedford		.39				.30									.29	.30				.46	.30				.06					.38	2.48
Burnt Cabins[1], 2 NE	Fulton	.34		T.		.22				T				.05	.20	.35	T			.11	.68	T					.09			.75		2.79
East Waterford[2], 3 E	Juniata	T.	.47	.01	.02	T.	.25	T.	T	T.	T.				.15	.16	.26	T.			.42	.38	T		T	T	T.	.26				.60	2.98
Everett[2], 0.5 SW	Bedford	.01	.45	.03	.02		.26	T.	T.	T	T.		T.		.10	.05	.39	.01			.42	.17				T.	T	.08				.60	2.59
Huntingdon[2]	Huntingdon		.34	.40	.02		.23	T.		T.	T				T.	.24	.54	T.			.46	.33	.01	T.		.01	T.	.05				.39	3.02
Lewistown[2], 1 W	Mifflin		.35	.08			.25	T.	T.	T.	T.				.07	.19	.48				.55	.27	T.			.01	•	.22				.46	2.93
Mapleton Depot[2]	Huntingdon		.25	.07	T.		.20		T.	T.					.01	.17	.31	.02			.37	.30	.01			T.		.04				.44	2.19
Martinsburg[1, 8]	Blair	.20	.03	.05	T.	.03	.02	T	T.	T.	T.		T.	T.	.10	.55	.03			.25	.56	T	T.	T	T	.01	.04				.58		2.45
McConnellstown[2] 4NW	Huntingdon		.46	.13	.08		.24			T.	T.				.04	.19	.55	T.			.41	.35	T.	T.		T.		.09				.47	3.01
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.23	.27	.19		.16	.02								.16	.65	.07			.10	.61	.01			.05		.09				.30		2.91
New Bloomfield	Perry	.40	.12			.05	.15								.36	.56					.81						.62					.59	§3.96
Newport[2]	Perry		.33	.06			.16								.14	.26	.40	T.			.42	.34	T.					.50			.90	3.51
Saxton[2], 1 W	Bedford		.26				.10				T.	T.			T.	.25	.38				.62	.19				T	T.	.08				.40	2.28
Shade Gap[1, 5], 0.5 SW	Huntingdon	.20	.02			.20								•	*	.52	.08			.30	.45						.05			.56		2.38
LOWER SUSQUEHANNA																																	
Arendtsville[2]	Adams	T.	.54				.14								.14	.22	.11	.03			.65	.29						.38				.55	3.05
Beavertown[2]	Snyder		•	.52			.24								.07	.12	.50				.63	.20						.50				.51	§3.29
Bloserville, 1.5 N	Cumberland	.38	.36				.19		T.	T.					.30	.42	.02				.85	.02									.46	T.		.68	3.68
Carlisle	Cumberland	.38	.22			T.	.17			T.					.27	.31	.02			T.	.90	.03						.24			T.	1.03	3.62
Columbia	Lancaster	.51	.05				.22	T.		T.					.26	.23	.06				1.01							.39	.03			1.50	4.26
Dauphin[2], 3 N	Dauphin		.45	.04	.01	T.	.25			T	T.	T.			.09	.14	.26	T.			.39	.25	T.			T.		.24				1.02	3.14
Ephrata	Lancaster	.50	.16	.05			.18	T.							.21	.26	.07				1.12											.53	§3.69
Glen Rock[1, 5]	York	.48	.09	.04		.05								.10	.25	.13	.13			•	1.01										.39	.03	3.08
Gordon	Schuylkill	.07	.38				.30			T.					.05	.46					.88	T.						.39	.07			1.02	3.62
Grantville, 2 SW	Dauphin	.24	.29	.04			.16								.13	.48	.02				1.00	.02							.02			1.10	4.10
Hanover[2]	York	.06	.60	.06			.29		T.		T				.22	.12	.06	.04			.67	.38	T.			T.		.42			T.	1.38	4.57
Harrisburg Apt[1, 5], 3.5 S	Dauphin	.48	.02	.04		.24	T.	T.	T.	T.			T.	.01	.12	.28	T.			.01	.76	.02			.01	T.	.48				.86	T.		3.33
Holtwood[2]	Lancaster	T	.60	.07	T.		.05		T.						.19	.02	.14	.06			.63	.16						.50				.25	2.67
Huntsdale[2]	Cumberland	T.	.48	T.	T.		.23	T.	T.						.15	.25	.14	T.			.46	.39				T.	T.	.10				.73	2.93
Kirkwood[1, 5], 1 SW	Lancaster	.42	.10			.08															.96						.60	.10					§§
Lancaster	Lancaster	.41	.28	.06			.08	T.							.27	.24	.05	T.			.94	T.					.57					.50	3.40
Lebanon[2]	Lebanon		.50	.06			.26		T.						.09	.17	.21	T.			.64	.39	T.			.02		.60				1.69	4.63
Middletown[1], 1.5 W	Dauphin	.50	.04	.08		.32		T.	T.	T.				T	.20	.03	T.			.02	1.36	T.			.02	T.	.61				1.05	T.	4.23
Millersburg[1, 5], 2 E	Dauphin	.26	.01	.10		.11									.22	.40					.81	.02					.30				1.01		3.24
Milroy[2]	Mifflin		.70	.03	.01		.03								.07	.75	.61				•	.53	.02					.23					.45	3.43
Newburg[1], 3.5 NW	Cumberland	.51				.24	T.		T.					T.	.33	T.	T.			.12	.85	T.					.22				1.25		3.52
New Park	York	.53	.22				.04								.05	.40	.15				.98							.77					.66	3.80
Pine Grove[2], 1.5 NE	Schuylkill		.44	.05			.19				T.				.05	.15	.20	T.			.69	.48	T.			.16		.49				.88	3.78
Selinsgrove	Snyder	.19	.26	.10			.22			T.					.20	.71	.02				.88	T				.02	.68					.69	3.97
Shamokin[2]	N'umberland		.24	.06			.27			.02					.07	.13	.47				.37	.47	T.					.35				.91	3.36
Shippensburg	Cumberland	.33	.20	.10			.12	T.							.18	.40	.05				.97	T.					.26	T.				1.20	3.81
Sunbury[2]	N'umberland		.29	.23	T.		.37			.04	T.				.08	.32	.49				.49	.33	.03					.62				.84	4.13
Wellsville	York	.24	.18	.03			.16			T.					.20	.22	T.				.86	T.					.64	T				.96	3.49
Williamstown[2]	Dauphin		.37	T.			.28								T.	.12	.34				.39	.41	T.			T.		.36				1.05	§3.32
York, 3 SW	York	.33	.24	.06			.55								.30	.18	.08				1.05	.67					.36					1.78	5.60
York Haven[2]	York		.52	.04			.24								.18	.19	.19	.03			.61	.38						.63				1.36	4.37
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin	.55	T.			.20	T	T.	T.					T	.23	.28	.04			T.	.98	.06				T.	.27				•	1.31	3.92
Gettysburg	Adams	.36	.19	.04			.15								.22	.22	.05				.89	T.					.41	.01				.67	3.21
Hewitt, 2 SW	Bedford	•	.51	T.			.18								.23	.35	.11			T.	•	.90	T.				.07				•	.65	§3.00
Hyndman[2]	Bedford	.09	.54	T.	T.		.17				T.				.08	.10	.27	.05			.36	.28				T.		T.				.38	2.32
McConnellsburg[2]	Fulton	T	.36				.20			T.					.16	.18	.25				.50	.35				T	T.	T.				.85	2.85
Mercersburg[2]	Franklin	.16	.33				.21			T.					.05	.18	.21	.02			.70	.34					.01	.04				1.20	3.45
South Mt. San't'm[2]	Franklin	.08	.57	.08				.31	T.						.14	.13	.11	.03			.53	.36				T.		.25				1.11	3.70
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny		.40	.38	.02	T.	.09	.03	.01	.03	T.		T.		.04	.30	.57	T.			.30	.59	T.	T.		.07	.22	.29	.03			.59	3.96
Allen Mills[1, 5]	Jefferson	.30	.57	.12		.07		.11	.11	.04	.03				.26	.50	.04			.04	.93	•	•	•	•	•	•	.83		.03	.60		4.58
Blairsville[1], 6 NE	Indiana	.39	.37	.21	.01	.16	.04	.10	.03	.03	T.	T.	.01		.01	.79	.05			T.	.56	.04	T.	T.	T.	.10	.18				.51	T.	3.59
Boswell[2], 6 NW	Somerset	.03	.49	.27	.22	.03	.30	.03	.07	.02	.03		.01		.01	.10	.52	.09			.27	.50	.03			.18	.09	.11				.48	3.88
Bradford, 4 W	McKean	T.	.96	.40	.03		.03	.03	.44	.06	.07				T.	.77	T.	T.			.70	.22		T.	T	.31	.49			.23	.89	.45	6.08
Brookville[1], 1.5 SW	Jefferson	.13	.62	.15	T.	.03	.03	.09	.09	.10	T.																						§§
Buckstown[1, 5]	Somerset	.28	.12	.04		.20		.04							.13	.44	.16			.07	.47	•			•	•	.38				.61		2.94
Clarion[2], 3 SW	Clarion		.35	.78	.03	T.	.08	.02	.11	.07	.04				.07	.29	.48				.42	.55	.01			.17	.11	.38	.01	.04		.82	4.83
Corry	Erie	.02	.77	.25	.02		.02	.08	.24	.11	.06		.02			.95	.05				.65	.25	.26	T.	T.	.24	.30		T.	.45	.96	.09	5.79
Coudersport	Potter	.09	.18	.56	T.		.21	T.	.40	.08	.04					.97	.11				.38	.06			.14		•				1.10	T.	4.52
Coudersport, 7.5 E	Potter	•	.58	.42			.08	T.	.12	.50	T.				.07	.82					.63	.07	T.		•	.27	.41	T.			.45	T.	§4.37
Derry	W'moreland	.19	.27	.15	T.	T	.30	.08	.03	.03	T.					.61	.08				.38	.12	T.				.18	.10				.50	.08	3.10
Donegal[1]	W'moreland	.45	.34	.21	.01	.38	.02	.05	.08	.06				.01	.08	.48	.28			.05	.38	.12	.01		T.	T.	.27					.60	T.	3.88
Dunlo[1, 5], 0.5 SW	Cambria	.37	.20	.22		.30			.03	.02					.11	.40	.12			.11	.54	.13			.02	.13	.18					.56		3.44
Ebensburg[2]	Cambria	.05	.58	.38	.03	.03	.27	.03	.10	.08	.03	.03			.02	.16	.74				.48	.33	.08	.01		.14	.18					.51	T.	4.26
Ford City[2], 4 S	Armstrong		.39	.36	.02	T.	.08	T.	.05	.04	.06				.05	.22	.47	T.			.27	.53	T.	T.		.17	.21	.20				.49	3.61
Franklin[2]	Venango	T	.13	1.07	T.	T.	.10		.10	.10	.10	T.			T.	.26	.49				.43	T.	.05	T.		.11	.15	.15		T	T.	.72	3.96
Glen Hazel[2], 1 NE	Elk	T.	.63	.79	.03		.09		.10	.09	.09	.06			.08	.72	.17	.01			1.87	.43	.06			.03	.17	.44		T.	.01	.46	6.33
Home[1, 5]	Indiana	.10	.46	.03		.09		.12	.06	.02					.33	.63	.03			.04	.75	.24	.10		•	•	.58				.40		§3.82
Indiana	Indiana	.12	.49	.04			.12	.02	.03	.02					.03	.89	.02				.77	T.	.16	T		.15	.25					.31	.06	3.48
Johnstown[2], 0.5 W	Cambria	.16	.55	.32	.09	T.	.27	.02	.04	.06	.03		T.		.01	.09	.66	.08			.34	.40	.15	T.		.06	.15	.04				.30	3.82

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	.17	.95	.43	.01	.11	.01	.15	.14	.14	.10				.23	.65	.09			T.	.86	.15	.01		.05	.11	.59	.01	.01	.09	1.07	.06	6.19
Kregar[1], 1.5 SE	W'moreland	.64	.28	.30	.06	.61	.09	.29	.06	.16	T.		.04		.20	.54	.16			19	.87	.27	.06		.18	.07	.32				.63	T.	6.02
Lyeippus, 1.5 E	W'moreland	.09	.46	.27	.01		.43	.16	T.	.02			0			.57	.17	T.		T.	.60	.06	T.		.04	.20	.23			.43	.04	3.81
Marienville[1, 5]	Forest	.21	.87	.30		.12		.15	.13	.03	.05				.31	.52	.08		.01	.12	1.02	.09	.05	.30	.42	.18	.47	.02		.08	.92		§6.42
Meadville[2], 1 S	Crawford	.01	.23	.63	.02	T.	T.	T.	.10	.14	.06				.03	.22	.45	.02			.29	.53	.02			*	*	.47			.56	3.80
Mosgrove[2]	Armstrong		.44	.51			.06	.03	.06	.05	.06				.03	.22	.45	.02			.29	.53	.02					.10	.33	.13			.81	5.01
Parkers Landing[2]	Armstrong		.55	.79	T.	T.	T.	T.			.25					.35	.48				.45	.67	.10					.10	.33	.13				4.02
Pittsburgh City Of[1, 5]	Allegheny	.37	.48	.02	T.	.09	.02	.05	T.	T.		T.	T.	T.	.28	.60	T.			.06	.79	.15	T.		T.	.04	.38			.69		4.25
Port Allegany[2]	McKean	T.	.22	.95	.06		.08	T.	.13	.04	.03	.04			.02	.22	.65	T.			.13	.43	.02	T.	T.	.17	.08	.25	.02	.06	T.	.65	4.25
Punxsutawney[2]	Jefferson		.39	.40	.06		.02	T.	.08	.01	.01					.03	.55	.02			.29	.80	T.			.20	.03	.30				.42	3.56
Putneyville[2], 2.5 SE	Armstrong		.39	.48	.04		.06	T.	.10	.09	.02				.03	.25	.47	.03			.32	.64	.01			.21	.16	.27		.01		.60	4.18
Ridgway[2]	Elk	T.	.10	.84	T.		.14	T.	.09	.08	.04	.06			.13	.22	.60				.18	.63	.05			.32	.02	.23				.59	4.32
Saltsburg[2]	Indiana	T.	.39	.27	T.	T.	.16	T.	.04	.01	T.				.03	.15	.63				.15	.58	.01	T.		.12	.13	.09				.48	3.24
Seward[2]	W'moreland		.32	.46	.42		.20		.08	.12						.09	.66	.09			.21	.56	.04			.06	.02	.26				.48	4.07
Sheffield[1, 5, 6 W]	Warren	.15	.80	.39		.04		.11	.06	.05	.06	.01			.25	.65	.06			.03	.93	.04	.02		.13	.08	.46	.03		.18	1.10	.03	5.69
Smethport[1, 5, 1 SW	McKean	.12	.80	.26		.07	.04	.03	.09	.08	.03	.03		.08	.15	.59	.07	.03	.04	.01	.64	.06				.14	.35		.01	.30	.70		4.67
Strongstown[1, 5]	Indiana	.23	.27	.19		.11		.07							.10	.75	.09			.06	.81	.06			.03	.13	.35				.47		3.72
Tionesta[2], 1.5 SE	Forest	T.	.35	1.12	T.	T.	.09	T.	.09	.08	.04	T.			.05	.30	.61	T.			.53	.37	.03			.15	.29	.27		.02		.89	5.28
Titusville, 2 S	Crawford	.02	.93	.35	.05		.10	.08	.17	.08	.05	.02				1.01	.07				.65	.20	.03			.13	.41			.07	.67	.24	5.33
Union City[1, 5]	Erie	.06	.71	.16				.10	.05		.05	.01		.10	.15	.46				.03	.57	.04	.08		.15	.06	.25			.36	.75	.01	4.15
Vandergrift[1]	W'moreland	.26	.40	.02		.06		.05	.01	T.					.13	.59				T.	.60	.10					.30			.50		3.02
Warren[2]	Warren	.03	.22	.83	.05	.01	.01	T.	.21	.28	.13	.06	T.		.01	.34	.34	.01			.44	.31	.14			.17	.18	.25		.10	.09	.54	4.75
Youngsville[1, 5]	Warren	.16	.74	.24				.16	.09	.09	.07	.01		.01	.27	.65	.04			.08	.63	.10		.03	.12	.13	.19			.22	1.03	.03	5.09
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.01	.51	.11	.06	T.	.24	.03	.06	T.	.05				.02	.15	.52	.23			.35	.76	T.	T.		.25	.19	.23				.33	4.10
Connellsville[2]	Fayette	T.	.25	.30	.10		.32	T.	.07		T.		T.	T.		.07	.50	.08			.04	.46	.02			.17	.07	.11				.62	3.18
Donora[1]	Washington	.25	.52	.04	T.	.24	.05	T.	T.	T.	T.	T.	T.		.02	.58	.02			10	.33	.20	T.		T.	T.	.20				.44	T.	2.99
Greensboro[2]	Greene	.01	.39	.33	.13		.25	T.	.06		T.			T.		.11	.83	.14			.15	.58	T.	T.		.20	.02	.17				.47	3.82
Greensburg, 2 S	W'moreland	.25	.43	.13	T.	.15	.15	.08		.02	T.		.01		.02	.67	.07			T.	.50	.07	T.			.11	.20				.53	.02	3.41
Irwin	W'moreland	.16	.65	.05	.01		.25	.08	.02	.01	T.		.01		.02	.83	.03			T.	.61	.18				.10	.16				.26	.24	3.67
Meyersdale[2]	Somerset	.05	.39	.02	.05		.22	T.		T.	.05				.04	.10	.41	.20			.44	.31	T.			.16	.08	.06				.48	3.08
Murrysville // 1, 5	W'moreland	.27	.54	.08		.13		.06							.17	.80				.03	.52	.09				.09	.32			.50		3.60
Pittsburgh Arpt // 1, 5	Allegheny	.35	.59	.02	T.	.14	.05	.05	T.	.01	.01	T.	T.	T.	.16	.64				.02	.54	.07	T.		T.	.07	.29		T.	T.	.54	T	3.55
Rices Landing[2]	Greene	T.	.42	.35	.05		.36	T.	.06							.13	.72	.06			.16	.65	.03			.17	.07	.20				.52	3.95
Somerset	Somerset	.30	.26	.04	T		.25	.03	.01	.04	T.					.78	.24			T	.64	.14	T.			.19	.21	T.			.32	.11	3.56
Springs[6], 1 SW	Somerset	.63	.05	.12	T.	.13	.04	.04	T.	.02					.12	.41	.24			.04	.65	.15	.01		.01	.28	.25				.51		3.70
Uniontown	Fayette	.22	.09	.11	T.	.06	.39	.07		.03			.03			.67	.15			.01	.48	.15	T.			.24	.24	.02			.51	.11	3.58
Waynesburg	Greene	.42	59	.06			.29	.08		T.						1.27	.07				.69	T.					.53			.49		4.49
BEAVER																																	
Beaver Falls[2]	Beaver		.24	.60	.1	T.	.10	T.	.05	.03	T				.08	.22	.43				.36	.39	.03			.07	.18	.13				.64	3.55
Butler	Butler	.05	.62	.29			.04	.02	.03	.04	.01				.04	.62	.03				.50	.11				.10	.46				.09	.58	3.63
Farrell[2]	Mercer		.62				.10	T.	.08	*	.04					.45	.41				.75	.28	.03			.13		.23	.06			1.12	4.30
Greenville	Mercer	.10	.87	.17	.06	T.	.10	.11	.07	.02	.02					1.00	.07				.98	.07	.08			.15	.27		T.	.07	1.16	.04	5.36
Jamestown[2], 2 NW	Mercer	T.	.26	.81	T.	T.	T.	T.	.08	.03	.02					.48	.38				.65	.21	.03			.08	.09	.17	T.	.02	.04	.92	4.27
Mercer Arpt.[1, 2.5 NE	Mercer	.22	.70	.21	T.	.07	.01	.13	.06	.04	.01	T.	T.		.24	.61	.04			.06	.68	.05	.04		.17	.01	.44	.03	T.	.10	.93	.01	4.86
New Castle[1], 1.5 N	Lawrence	.12	.68	.20	T.	.08	T.	.05	.02	.01					.24	.48	.01			.05	.60	T.			.02		.26			.02	.92	T.	3.76
Penn Line[2], 1 S	Crawford	.04	.25	.75	.03	T.			.10	.06	.03	T.				.45	.27				.60	.34	.04			.15	.07	.18	T.	.03	.17	1.00	4.56
OHIO																																	
Claysville[2]	Washington	T.	.47	.47			.24		.05		T.		.01			.16	.96	.01			.43	.51	.01			.04	.24	.24				.69	4.53
Coraopolis[2], 1 E	Allegheny		.42	.45	.02		.05	.05	T.	T.	T					.27	.46				.40	.54	T.			.04	.28	.08		.01		.70	3.77
Midland[2]	Beaver		.30	.64	.02		.10		.05	T	T.				.03	.25	.55				.43	.53	T.			.09	.24	.19		.05		.83	4.30
Washington[1, 5]	Washington	.18	.66	.11				.04							.11	.85	.07			.12	.67	.01				.02	.60			.66		4.10
LAKE DRAINAGE																																	
Albion[2]	Erie																																
Erie[1, 5]	Erie	.08	.41	.09	.02	T.	.01	.07	.09	.28	T.				.40	.19	T.				.69	.12	.31		.14	.08	.33	T.		.54	.55	T.	4.40
Raymond[1, 5]	Potter																																

[See page 8 for explanation of reference marks.]

Daily Temperatures for January 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/.	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Allentown Arpt.[1-4 NE.	Maximum	27	31	35	37	35	38	38	38	30	31	45	40	30	33	36	40	42	43	37	51	42	21	35	54	57	45	55	58	50	66	54	40.9
	Minimum	20	22	30	20	17	8	7	30	20	18	30	22	17	29	32	31	29	29	23	34	12	8	11	31	33	32	32	28	33	31	30	24.2
Allentown/.	Maximum	28	34	41	35	37	35	41	39	33	34	50	44	43	36	40	46	43	46	44	53	43	34	35	58	58	47	56	59	54	67	52	44.0
	Minimum	19	21	25	27	20	23	14	21	24	19	23	31	18	19	32	34	32	30	25	27	34	10	10	14	35	31	36	30	33	32	34	25 3
Altoona-4.5 W.	Maximum	25	33	47	42	35	30	36	35	31	30	51	48	33	34	39	50	38	42	41	54	46	14	36	52	54	46	58	49	57	65	53	42.1
	Minimum	19	21	31	25	24	19	11	25	15	17	24	35	20	27	33	35	22	29	24	33	6	0	8	32	42	38	30	35	34	36	31	25.0
Arendtsville/	Maximum	29	33	45	38	37	32	41	43	34	32	60	49	34	36	41	53	42	47	38	53	36	22	39	59	60	43	57	60	57	67	50	44.1
	Minimum	23	22	27	32	21	22	13	24	22	22	19	22	19	25	33	34	31	29	26	28	28	6	7	24	29	32	33	31	33	35	41	25.6
Beavertown/	Maximum	29	32	42	32	37	31	37	35	28	33	51	47	32	38	37	46	37	40	39	48	32	20	38	54	56	45	55	54	50	66	42	§40.7
	Minimum	18	22	28	31	15	22	6	19	15	21	24	26	14	22	32	34	26	23	18	21	27	8	8	20	38	24	24	27	30	33	39	§23.1
Berwick	Maximum	28	34	37	36	35	34	37	37	33	33	51	47	36	41	41	42	44	42	40	50	49	20	33	54	55	51	53	56	48	66	66	42.8
	Minimum	22	22	21	25	14	21	8	29	18	15	28	32	15	30	35	33	26	24	25	34	19	6	10	32	42	32	30	28	32	38	37	25.3
Bethlehem[1	Maximum	28	30	38	37	36	34	35	36	28	32	50	45	28	32	37	42	40	42	35	51	44	19	33	57	52	47	56	58	56	66	56	41.3
	Minimum	20	21	30	25	22	30	17	28	22	21	29	24	24	27	32	35	30	31	28	32	12	9	13	30	36	35	38	38	36	32	34	27.1
Blairsville[1-6 NE.	Maximum	31	59	56	28	30	25	30	29	21	35	46	37	36	48	53	50	33	38	42	52	36	10	41	47	52	50	54	52	67	64	44	41.9
	Minimum	19	30	28	18	20	14	17	20	12	12	32	24	24	33	37	27	20	26	29	34	0	− 4	9	39	38	35	31	34	34	45	28	24.5
Bradford-4 W.	Maximum	24	34	37	34	32	30	31	31	26	27	46	43	31	40	41	38	37	36	45	48	42	13	31	44	48	48	51	48	37	41	52	37.6
	Minimum	5	21	31	15	16	18	18	22	12	16	28	24	11	28	32	32	19	24	16	34	8	− 1	8	29	34	28	21	34	24	30	26	21.2
Brookville[1-1 5 SW.	Maximum	30	44	48	29	31	29	32	31	24	32	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	§§
	Minimum	19	30	29	21	21	16	16	21	12	18	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	§§
Burnt Cabins[1-2 NE	Maximum	27	34	50	38	42	34	38	39	33	34	56	49	30	36	37	51	40	48	40	50	43	18	38	58	58	46	57	58	62	64	50	43.8
	Minimum	22	25	31	26	21	8	9	28	18	20	23	24	20	29	34	34	23	26	20	35	10	4	9	29	32	31	22	34	30	32	24	23.6
Butler	Maximum	28	38	51	43	33	33	34	35	32	29	42	50	50	55	58	47	43	39	48	54	54	20	31	49	53	55	54	55	49	64	56	44.6
	Minimum	22	25	33	28	24	22	19	27	13	18	28	26	25	32	38	39	24	26	22	37	18	2	14	31	42	26	30	37	35	45	32	26.9
Canton/-1 NW	Maximum	38	33	32	32	30	29	33	35	27	32	47	32	33	38	39	42	37	38	38	44	34	17	36	44	52	43	52	52	45	60	39	§38.3
	Minimum	12	25	20	12	12	18	17	20	10	11	17	30	10	10	32	32	18	20	21	21	23	2	2	11	35	36	30	31	28	27	36	§20.3
Carlisle	Maximum	30	33	38	42	41	38	34	43	39	35	60	52	40	35	38	45	48	38	42	42	48	23	38	60	63	53	56	64	56	72	70	46.0
	Minimum	25	24	34	32	18	24	12	33	25	26	34	40	22	29	35	37	31	28	26	35	23	10	8	30	43	34	32	30	33	38	43	28.8
Chambersburg[6-1 SW.	Maximum	29	33	43	40	39	32	41	43	36	33	58	50	31	34	37	52	41	48	40	53	45	20	40	59	59	40	54	54	58	68	54	44.2
	Minimum	23	23	31	21	21	11	9	32	22	22	21	29	24	27	33	36	29	28	26	33	11	7	8	26	40	31	25	32	32	33	33	25.3
Clarion[6-3 SW	Maximum	26	37	46	36	33	31	34	35	30	31	48	45	40	50	48	44	37	42	44	52	47	15	34	48	54	50	53	44	49	60	54	41.8
	Minimum	17	24	32	19	20	19	13	24	17	17	26	24	20	32	35	33	16	18	17	34	6	0	6	32	36	26	23	29	27	35	27	22.7
Claysville/	Maximum	36	60	54	28	31	31	35	35	29	40	51	40	54	65	49	49	41	43	50	54	26	19	45	53	53	51	53	45	67	68	34	44.8
	Minimum	20	25	35	24	24	19	13	25	17	14	18	28	25	34	39	38	21	20	20	28	23	2	2	41	39	35	25	28	28	37	35	25.0
Coalport/.	Maximum	22	42	52	27	26	32	34	32	26	40	49	41	34	44	50	50	35	41	40	50	35	20	45	49	54	50	54	48	63	61	35	41.3
	Minimum	20	20	30	23	23	20	11	25	13	13	18	34	19	24	32	36	22	23	17	19	23	0	1	18	40	35	22	23	30	38	33	22.4
Coatesville/.	Maximum	31	38	42	38	37	35	41	42	34	35	53	49	36	37	44	48	44	50	40	52	39	22	38	58	59	48	57	60	63	69	64	45.3
	Minimum	22	28	29	34	27	26	30	30	19	18	25	32	22	24	33	36	33	29	22	24	33	9	9	36	35	28	33	30	31	33	37	27.6
Columbia	Maximum	32	33	38	42	41	38	39	42	40	38	56	51	39	38	41	44	47	50	44	50	49	30	41	59	63	46	59	61	59	64	55	46.1
	Minimum	28	27	32	31	21	26	17	33	25	24	26	39	21	31	35	36	32	30	25	35	30	9	11	28	32	32	35	31	35	44	45	29.2
Corry	Maximum	25	35	38	25	31	29	31	31	25	28	42	39	36	48	46	35	36	35	49	49	34	12	32	45	52	49	53	47	54	57	53	38.1
	Minimum	9	24	24	17	19	19	21	24	14	18	25	19	13	32	33	30	19	25	21	34	6	2	10	32	34	36	28	31	26	34	26	22.7
Coudersport	Maximum	31	35	39	38	32	30	33	32	22	29	47	43	30	37	39	43	38	38	48	44	42	14	30	45	48	51	49	41	48	58	36	38.7
	Minimum	12	19	31	18	19	14	18	23	8	16	23	16	10	26	34	33	15	24	18	30	8	− 1	7	25	35	31	22	25	29	36	27	21.0
Curwensville[1-6 NW	Maximum	23	47	48	28	26	30	28	21	28	45	38	31	29	37	41	44	31	38	37	46	34	10	39	44	49	44	50	46	53	58	44	37.5
	Minimum	14	23	26	17	17	13	14	17	8	14	27	17	13	25	34	24	16	21	21	32	− 1	− 5	5	38	34	29	25	27	29	42	28	20.6
Derry	Maximum	32	62	58	42	34	32	34	35	33	35	50	43	42	52	57	53	37	44	47	57	48	14	41	53	57	54	56	54	69	69	51	46.6
	Minimum	25	31	42	24	26	18	12	28	18	17	34	34	25	36	41	34	25	29	23	40	9	3	12	41	41	46	28	39	38	50	31	29 0
Donega[1	Maximum	36	54	56	28	30	24	31	30	24	36	47	40	37	50	49	50	35	40	45	52	48	12	46	49	52	51	52	50	64	65	47	42.9
	Minimum	21	30	28	19	20	4	8	20	13	12	34	24	23	34	34	26	20	19	18	35	0	− 2	8	40	36	28	20	34	36	44	17	22.8
Donora[1	Maximum	39	59	58	36	33	28	36	36	29	38	55	44	48	60	55	54	39	46	50	56	42	17	50	54	52	51	54	54	62	69	69	§47.5
	Minimum	27	39	36	28	27	21	21	29	22	20	38	28	27	45	44	34	27	30	29	42	6	3	13	48	37	31	31	43	41	58	35	§31 0
Eagles Mere/	Maximum	28	32	41	28	29	28	32	32	23	26	46	32	31	38	38	38	38	30	37	44	48	14	31	42	49	42	42	49	51	45	59	40	36.9
	Minimum	12	12	26	18	12	12	14	17	12	8	14	25	9	9	29	31	19	19	23	36	0	− 1	6	29	36	36	29	29	26	26	38	19.7
East Waterford[6-3 E	Maximum	22	32	50	40	36	28	34	34	29	29	51	48	24	32	41	48	37	40	35	45	44	11	32	51	54	45	54	52	50	61	50	40.0
	Minimum	16	20	31	21	20	17	20	24	15	16	25	24	16	23	32	34	23	30	29	30	4	− 1	7	37	34	38	34	34	45	28	24.7
Ebensburg/.	Maximum	32	51	49	25	30	30	31	27	22	41	46	37	32	46	48	47	34	38	40	47	22	24	41	46	51	47	51	52	64	62	32	40.2
	Minimum	19	19	31	20	20	15	12	22	11	14	14	31	20	20	32	35	19	24	24	32	19	− 4	3	28	29	39	33	43	30	23.1
Emporium/-1 E.	Maximum	32	35	46	33	35	31	35	31	27	31	52	42	35	41	42	44	39	42	44	52	32	15	44	48	52	47	56	46	48	63	36	40.5
	Minimum	13	22	32	21	20	21	15	24	13	13	18	18	14	19	34	34	17	17	20	29	24	1	2	13	39	28	27	27	27	29	31	21.4
Ephrata	Maximum	42	35	40	34	42	34	36	40	39	34	55	48	36	37	41	43	46	47	42	50	46	22	38	60	59	48	57	60	56	67	65	§45.1
	Minimum	25	24	32	36	23	25	15	33	23	23	30	35	22	32	36	37	32	31	26	35	18	9	11	31	41	34	34	33	36	43	44	§29.3
Erie[1.	Maximum	34	32	33	24	32	30	34	32	26	37	44	36	40	52	42	38	41	36	50	47	30	17	44	48	55	48	57	49	32	54	37	39.2
	Minimum	14	33	23	19	22	23	25	25	20	23	36	18	18	38	33	28	25	30	29	30	10	7	15	40	35	39	41	32	27	27	27	26.2
Everett[1-0.5 SW.	Maximum	29	34	48	39	40	32	41	39	30	36	57	58	35	38	39	54	40	47	36	54	43	17	45	56	57	50	56	54	60	68	54	44 7
	Minimum	24	26	32	27	29	9	9	28	24	21	25	25	26	30	25	34	28	27	22	26	8	5	16	40	26	27	25	27	34	33	29	24.8
Farrell.	Maximum	33	44	40	33	31	30	35	34	32	34	50	48	47	59	57	38	35	44	48	51	42	15	45	51	55	52	53	51	41	60	55	43.3
	Minimum	19	28	27	22	23	22	23	27	15	20	36	23	24	41	35	29	24	28	27	36	5	2	15	33	42	32	33	37	33	41	30	§26.8
Ford City/-4 S	Maximum	34	54	54	28	33	31	36	33	27	40	51	40	44	58	48	49	36	44	47	56	28	20	46	52	58	59	53	46	66	67	36	44.2
	Minimum	20	24	32	24	22	21	13	26	14	15	18	34	21	32	38	38	22	22	20	20	24	2	2	17	38	30	24	25	36	37	34	24.0
Franklin/.	Maximum	34	41	45	26	33	31	34	32	26	40	48	35	42	53	42	41	38	43	46	52	27	19	44	49	54	48	54	44	60	61	34	41.3
	Minimum	17	17	33	21	21	21	21	26	16	16	19	28	20	27	38	35	20	21	21	22	24	2	2	18	38	33	28	28	29	33	33	23.5
Fredericksville-1 S.	Maximum	27	32	41	42	37	34	34	38	36	32	52	47	33	35	39	42	43	43	38	50	48	35	35	54	57	50	55	58	56	65	65	43.6
	Minimum	21	21	30	26	17	22	9	30	20	13	26	31	17	26	33	32	29	27	21	32	11	6	5	29	29	29	29	31	31	32	39	24.3
Freeland.	Maximum	22	29	45	39	35	31	31	33	28	25	48	44	28	32	38	44	41	36	31	42	40	38	36	47	50	46	50	51	48	58	59	39.6
	Minimum	15	15	26	18	15	17	15	24	11	12	21	23	11	19	25	30	21	26	21	26	10	− 1	4	25	39	33	30	38	29	37	30	21.5
George School[6.	Maximum	28	32	38	36	35	35	35	39	35	33	50	45	33	35	40	44	44	45	40	60	52	24	37	56	59	51	54	59	54	67	63	43.8
	Minimum	24	22	30	27	19	21	13	32	21	19	29	31	20	30	34	36	32	32	22	32	8	12	27	36	28	27	33	33	34	35	41	27 1
Gettysburg	Maximum	29	32	39	45	38	36	35	42	41	42	56	52	42	36	38	47	47	47	46	47	50	38	40	58	60	54	55	60	56	70	69	46 6
	Minimum	24	25	32	20	25	25	25	33	25	24	29	41	25	30	35	38	32	30	28	35	29	9	12	28	42	31	34	36	35	35	44	29.5
Gordon	Maximum	27	31	41	38	36	34	38	38	32	31	53	49	29	35	39	43	40	40	35	47	34	17	32	52	54	45	53	55	52	64	63	41.2
	Minimum	20	21	30	26	10	21	4	28	18	18	26	29	14	24	33	32	26	20	20	32	17	5	7	30	37	27	28	28	30	35	38	23.7
Greensburg-2 S	Maximum	34	58	56	41	35	30	37	35	34	34	52	49	47	59	55	53	40	44	50	57	47	16	42	54	54	54	55	52	69	70	54	47.3
	Minimum	25	33	40	25	27	18	7	29	19	17	33	35	21	38	42	38	23	20	19	41	12	5	9	39	39	28	25	35	38	46	32	27.7
Hanover/	Maximum	30	39	41	43	37	35	40	45	37	34	57	53	35	37	40	50	44	49	41	48	39	23	41	60	63	46	59	64	62	69	52	45.6
	Minimum	24	24	28	35	28	25	20	30	25	22	23	31	24	26	34	36	31	30	30	33	30	8	10	18	35	45	31	32	37	38	43	28.6
Harrisburg Arpt.[1-3.5 S.	Maximum	30	34	44	42	40	34	41	41	34	35	56	51	30	36	39	48	41	48	39	52	47	21	40	58	60	44	58	61	54	70	55	44.6
	Minimum	23	27	32	24	21	15	15	32	27	23	29	27	24	30	34	38	32	31	27	34	13	9	13	30	36	35	33	34	35	36	34	27.5
Hawley-0.5 E.	Maximum	25	33	37	36	35	33	35	37	32	29	48	46	25	32	35	43	39	41	38	47	46	20	30	47	57	44	54	55	41	60	60	40.0
	Minimum	17	16	31	18	− 1	19	2	29	12	5	19	24	7	22	31	31	21	26	25	30	20	8	5	29	32	23	28	26	28	28	33	20.8
Hewitt-2 SW.	Maximum	31	36	59	49	46	47	48	44	45	44	48	58	59	57	55	57	68	57	56	46	52	56	57	56	57	60	60	58	60	61	69	§53.4
	Minimum	14	16	25	29	20	22	20	10	20	22	18	20	28	22	28	30	36	22	25	21	35	25	6	9	10	20	22	24	30	29	30	§22 2
Holtwood[1	Maximum	30	34	37	37	37	34	42	43	35	35	46	45	35	38	39	41	42	47	39	50	42	21	33	57	58	45	55	55	54	64	57	42.8
	Minimum	25	28	33	25	28	21	21	35	28	27	30	28	25	34	36	37	34	32	30	37	16	12	13	30	33	33	33	34	36	41	36	29.2
Huntingdon	Maximum	29	33	43	43	41	33	40	38	36	36	58	53	33	36	40	54	41	46	41	53	50	18	41	55	58	46	59	56	55	70	54	41.8
	Minimum	23	24	33	28	24	22	8	30	20	23	25	30	20	29	35	35	27	32	21	36	12	6	16	28	37	26	22	32	37	35	32	26 1

Continued on page 7.

Daily Temperatures for January 1947—Continued from page 6

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana 2.5 SE	Maximum	30	44	54	42	33	33	34	35	31	30	49	47	40	50	50	51	49	42	41	54	46	14	37	19	52	51	53	48	66	67	55	44 5
	Minimum	24	29	41	24	25	17	7	27	10	17	17	27	22	34	40	37	21	22	19	36	9	2	7	32	37	35	24	34	31	40	32	25.1
Irwin	Maximum	33	55	54	44	36	33	36	34	33	34	54	48	49	56	55	49	42	42	48	48	48	15	38	52	51	52	51	50	65	64	53	45 9
	Minimum	27	35	44	26	26	24	20	30	18	18	28	38	28	40	46	47	28	26	25	44	14	2	15	38	42	40	30	41	42	49	36	31.3
Jamestown/-2 NW	Maximum	37	38	42	27	37	32	36	35	30	39	49	36	45	56	40	40	40	46	51	51	30	20	43	47	55	51	57	45	59	58	35	42.2
	Minimum	14	15	31	18	18	20	19	23	9	14	12	25	18	27	35	31	11	19	21	23	22	0	2	15	35	36	27	29	28	29	30	21.2
Johnstown/	Maximum	35	43	53	35	38	35	37	35	29	44	54	44	38	45	55	55	41	46	43	55	31	27	48	55	60	54	60	50	70	68	36	45 8
	Minimum	24	25	35	27	26	20	15	29	19	20	22	37	27	30	38	42	27	29	27	28	25	− 6	9	35	37	33	30	32	40	41	36	27.7
Kane[1]-1 N	Maximum	27	46	42	24	31	25	31	30	22	26	45	35	32	40	40	39	36	38	43	48	38	12	40	41	47	45	50	42	38	52	38	37 0
	Minimum	5	27	24	16	18	17	16	18	7	10	26	13	18	29	34	26	14	14	16	33	3	− 2	9	38	27	26	21	26	25	33	21	19.5
Lancaster	Maximum	30	36	38	39	39	37	38	41	39	36	57	49	41	37	41	45	45	49	44	53	53	32	40	62	60	50	57	61	58	68	66	46.5
	Minimum	27	24	32	31	18	24	13	33	22	22	28	37	21	32	35	35	31	27	23	34	32	9	9	25	35	28	29	28	32	35	40	27.5
Lawrenceville	Maximum	25	36	38	32	37	32	37	35	29	32	52	47	30	41	43	41	42	40	45	45	47	20	31	46	53	45	56	59	38	59	32	40.8
	Minimum	12	28	26	21	12	21	13	26	10	10	22	22	13	29	36	33	20	24	22	34	12	6	11	29	36	26	26	32	27	28	32	22.4
Lebanon	Maximum	28	34	42	36	40	35	39	40	33	34	55	46	34	36	39	46	44	47	39	48	38	21	37	58	60	45	58	58	56	67	51	43.4
	Minimum	21	22	28	31	20	25	13	22	20	21	24	28	22	22	33	34	33	28	27	28	30	7	8	11	32	35	29	30	33	35	36	25.4
Lewistown/-2 SW	Maximum	30	33	41	35	43	36	40	40	32	35	59	50	34	39	39	43	42	46	42	52	35	20	42	58	61	47	59	58	51	70	46	43.9
	Minimum	19	24	29	32	22	25	12	19	22	21	24	27	22	23	33	36	29	26	25	26	29	8	8	17	33	29	28	27	31	31	32	24.8
Lock Haven[6]	Maximum	30	33	36	42	36	35	38	38	33	33	53	47	30	36	38	45	44	45	40	50	49	19	34	54	55	45	55	54	47	67	57	42.5
	Minimum	21	24	32	27	19	25	15	30	20	21	28	29	18	30	35	35	25	29	23	35	14	6	13	31	40	29	27	32	33	31	35	26.2
Marcus Hook/	Maximum	35	39	46	45	39	41	44	48	40	41	51	54	41	42	46	50	47	55	45	57	45	28	40	55	63	52	64	65	62	69	63	48.8
	Minimum	23	26	31	36	31	29	25	30	26	27	34	34	26	27	32	38	36	36	33	32	37	12	13	26	35	35	39	37	38	40	46	31.1
Martinsburg[1, 5]	Maximum	26	34	48	35	38	27	37	35	27	32	52	43	30	37	38	52	38	43	39	48	41	14	39	52	54	47	55	50	58	67	50	41.5
	Minimum	20	24	32	24	23	13	14	25	17	19	47	25	21	28	35	31	24	30	25	35	5	2	13	36	38	36	27	36	32	41	28	26.0
Meadville/-1 S	Maximum	34	37	36	24	32	31	33	39	27	38	46	31	41	51	37	35	37	43	48	49	25	18	42	47	53	48	54	42	61	61	32	39.4
	Minimum	13	15	32	19	18	20	21	26	9	11	18	26	18	27	37	32	17	18	21	25	22	1	3	17	36	31	25	25	28	30	31	21.7
Mercer[1]-2.5 NE	Maximum	32	46	42	24	31	26	32	31	24	32	45	36	42	53	48	38	35	40	47	49	34	14	42	47	51	48	52	45	50	59	37	39.7
	Minimum	16	32	23	18	20	18	20	21	8	16	32	19	20	36	32	24	18	21	23	33	3	0	13	41	37	28	29	31	28	34	24	23 2
Middletown[1]-1.5 W	Maximum	30	33	42	42	38	34	41	41	33	34	55	48	30	36	38	48	42	47	40	52	49	21	39	58	60	45	56	60	57	64	55	44 2
	Minimum	24	26	32	23	22	16	15	32	25	26	32	25	22	30	34	38	32	28	26	36	13	9	15	30	35	33	30	32	35	35	33	27.2
Midland[6]	Maximum	35	45	50	31	33	28	38	37	28	37	49	44	48	61	55	57	38	43	45	53	40	18	45	52	53	53	58	53	59	59	41	44.1
	Minimum	22	34	27	24	25	23	21	26	18	18	30	27	26	38	30	32	24	26	25	39	6	4	15	36	30	32	30	36	35	41	30	26.8
Montrose -3 E	Maximum	27	35	35	23	29	25	33	30	23	28	45	30	28	39	36	39	35	33	36	41	29	15	35	45	47	41	49	50	41	60	40	35.6
	Minimum	4	11	26	15	9	9	14	20	8	8	12	27	7	8	27	32	18	18	22	24	25	4	4	8	34	34	30	33	27	27	35	18.7
Mt. Pocono[1]-2 N	Maximum	21	37	50	28	31	25	32	32	21	25	46	42	22	33	40	43	32	37	31	44	38	12	26	45	48	39	51	53	44	58	49	36.6
	Minimum	13	20	27	14	13	9	15	20	9	11	23	12	9	22	32	29	20	26	19	27	3	0	5	25	29	28	30	31	28	30	24	19.5
New Bloomfield	Maximum	29	32	39	42	40	36	42	40	36	34	57	51	32	35	37	49	49	46	38	48	51	20	36	54	58	43	58	56	55	68	66	44.4
	Minimum	20	20	29	22	12	15	5	28	18	22	22	30	16	26	32	33	27	21	20	33	14	4	5	28	35	27	25	28	29	31	33	22.9
Newburg[1]-3.5 NW	Maximum	20	22	40	32	32	26	33	34	25	24	38	50	20	36	32	46	38	46	44	56	42	18	32	48	50	38	48	50	48	58	46	37.8
	Minimum	16	18	24	18	16	6	9	20	16	18	32	14	12	22	32	33	24	20	22	28	4	− 2	10	22	28	26	24	24	24	28	24	19.6
New Castle[6]-1.5 N	Maximum	33	46	44	29	35	28	35	36	28	35	52	40	48	59	52	40	37	44	46	53	34	18	43	52	53	50	55	19	45	61	40	42.6
	Minimum	20	32	28	21	23	22	20	23	11	18	34	21	21	37	36	30	20	24	22	34	7	4	14	42	39	28	27	33	32	35	28	25.4
Palmerton[1]	Maximum	26	30	42	41	36	32	39	39	27	31	47	43	26	33	36	44	40	41	35	48	42	19	32	50	55	45	54	57	50	65	53	40.6
	Minimum	19	19	29	22	15	10	9	23	20	13	29	22	16	20	32	32	29	27	23	34	11	8	12	31	29	28	32	30	32	33	32	23.3
Park Place[1]-1 NW	Maximum	23	31	45	34	32	29	32	32	25	26	47	41	25	32	37	44	34	36	32	44	44	13	28	45	51	41	50	52	49	60	48	37.5
	Minimum	17	21	29	17	16	16	17	22	13	13	24	14	11	20	31	31	22	25	23	29	3	− 1	6	26	38	33	31	33	29	34	26	21.6
Phila. Arpt.[1-7 SW	Maximum	33	34	42	42	40	35	43	44	36	35	53	49	38	40	45	49	44	52	41	62	46	24	37	58	60	53	58	62	60	70	65	46.8
	Minimum	26	30	33	27	26	22	23	36	26	25	33	28	23	34	36	38	31	33	29	39	14	11	15	30	34	31	41	35	36	38	37	29.8
Philadelphia C.O.[1]	Maximum	32	35	47	46	38	36	42	42	37	35	51	49	38	39	46	49	45	51	40	61	48	23	36	57	61	54	59	63	60	70	65	46.9
	Minimum	26	30	35	31	29	29	28	27	28	27	33	29	25	35	38	42	37	37	33	39	15	12	17	34	44	38	43	42	40	41	38	32.6
Phila. Shawmont	Maximum	32	32	43	37	38	38	37	42	40	34	54	47	37	38	43	46	47	50	41	57	56	37	37	57	57	54	56	62	59	69	65	46.5
	Minimum	26	30	30	22	35	27	19	35	26	22	30	32	22	35	36	37	34	26	38	37	35	12	15	30	32	36	45	32	35	35	44	30.6
Philipsburg[1-7 E	Maximum	23	37	51	31	30	27	33	31	22	29	47	41	26	35	38	49	32	39	36	48	36	10	34	46	50	42	53	52	51	59	47	38.2
	Minimum	16	22	30	20	20	6	9	20	12	15	28	18	15	26	34	27	20	21	15	32	1	− 2	6	33	27	34	27	28	29	44	26	21.3
Phoenixville-1.5 SE	Maximum	30	34	40	40	38	36	38	41	39	35	55	49	38	38	38	45	46	51	48	55	53	48	40	60	61	51	59	63	66	68	66	47.4
	Minimum	24	19	32	31	17	24	11	37	23	20	29	35	20	32	35	36	24	33	22	34	34	11	10	25	35	26	33	28	29	30	39	27.0
Pittsburgh Arpt.[1-7.5 SE	Maximum	34	55	55	32	32	26	34	34	26	37	51	43	47	58	54	49	38	44	48	55	39	16	45	52	54	53	52	50	65	66	43	44.7
	Minimum	23	33	31	24	24	19	19	24	18	16	36	28	26	39	40	31	25	28	30	38	2	1	11	43	42	38	38	38	37	42	29	27.8
Pittsburgh City Office[1]	Maximum	37	57	57	33	34	29	37	36	29	40	53	45	49	60	57	51	39	47	50	56	39	19	47	53	54	54	54	54	65	66	43	46.6
	Minimum	25	37	33	25	27	23	25	28	22	20	39	30	30	42	41	35	28	31	29	39	7	5	17	47	46	38	36	40	40	43	31	30.9
Port Clinton/	Maximum	31	33	42	33	37	34	40	37	30	39	50	41	35	37	39	46	41	42	45	50	35	19	37	53	56	47	55	57	51	66	47	42.1
	Minimum	21	20	28	29	15	15	9	26	21	18	23	26	16	21	33	33	31	24	22	25	32	9	10	12	36	29	32	30	30	37	40	24.3
Putneyville/-2.5 SE	Maximum	33	52	52	40	32	28	33	30	25	38	48	38	39	50	45	46	35	43	47	51	26	17	47	49	52	52	53	44	60	64	35	42 1
	Minimum	16	18	29	20	17	17	10	23	10	9	14	31	19	25	32	35	18	18	19	19	20	− 2	− 2	14	37	28	24	25	28	25	30	20.5
Quakertown-0.5 E	Maximum	29	32	38	39	37	35	35	39	37	32	49	41	35	35	38	41	44	45	40	53	50	30	25	55	55	51	52	59	52	66	65	43.1
	Minimum	21	21	31	25	16	23	5	32	21	18	27	33	15	28	34	32	30	30	22	33	29	8	10	22	39	25	35	29	32	31	41	25.7
Reading[1]	Maximum	31	34	42	42	39	34	40	40	34	34	57	48	36	38	39	47	43	46	38	51	51	21	36	60	59	48	58	60	56	69	63	45.0
	Minimum	24	26	34	28	25	21	18	34	24	24	32	26	24	34	35	38	33	33	28	37	13	10	14	34	39	36	38	41	39	35	36	29.5
Ridgway/	Maximum	33	47	47	30	32	27	33	29	24	37	47	38	36	44	40	44	38	45	45	50	26	13	44	47	52	49	53	46	55	61	35	40.2
	Minimum	11	13	30	19	19	17	22	23	7	10	10	29	13	18	31	33	15	14	14	15	19	− 2	11	11	36	25	21	20	23	30	30	18.9
Scranton[1]	Maximum	25	35	39	27	33	30	37	37	27	31	51	44	29	42	43	43	36	40	41	51	44	18	35	50	52	47	53	55	48	66	53	40.7
	Minimum	18	22	27	21	19	13	13	26	17	19	29	19	15	29	38	36	26	29	28	34	10	8	12	35	33	34	34	36	33	39	34	25.4
Selinsgrove	Maximum	29	32	37	41	39	36	35	40	36	32	53	49	32	35	38	45	46	44	40	43	50	19	35	55	58	45	56	58	50	68	66	43.3
	Minimum	24	24	32	27	15	24	7	30	20	21	28	30	18	28	34	33	28	24	22	35	14	7	12	32	40	26	25	33	32	31	36	25.5
Shippensburg	Maximum	29	32	39	46	39	36	38	42	37	35	58	56	32	33	57	50	52	47	46	48	51	20	40	59	60	52	56	58	57	70	69	46.6
	Minimum	23	22	30	28	24	23	12	30	21	22	23	31	22	26	31	35	29	31	26	32	20	7	12	29	42	31	32	34	33	32	38	26 8
Somerset	Maximum	26	47	56	39	39	29	34	33	30	30	50	45	33	39	51	52	39	42	42	54	43	10	28	50	52	51	54	47	66	65	50	43.1
	Minimum	20	24	36	23	22	13	1	23	14	13	24	29	18	28	36	37	20	24	19	34	5	− 2	6	35	36	28	22	26	34	38	28	23.0
Springs[6]-1 SW	Maximum	25	54	55	38	31	25	33	30	28	33	48	45	30	39	50	53	33	38	41	50	39	10	43	46	48	48	50	48	63	63	50	41.4
	Minimum	19	25	33	22	23	5	6	22	14	13	27	25	22	29	35	30	22	26	21	33	3	5	2	28	31	30	29	30	31	37	26	22.7
State College[1]	Maximum	26	33	46	36	35	31	37	33	25	32	51	44	30	37	38	51	37	42	40	51	41	13	38	51	54	47	54	50	53	65	50	41.0
	Minimum	21	26	33	24	28	22	17	22	17	20	32	23	19	30	36	32	24	29	24	36	8	2	13	38	38	39	33	38	35	38	29	26 5
Stroudsburg-2 E	Maximum	27	31	42	38	39	37	41	40	37	35	48	48	38	34	35	41	41	45	43	40	46	35	33	52	58	47	57	59	57	54	65	43.3
	Minimum	21	19	30	24	10	17	6	32	18	12	23	30	13	24	32	32	27	28	24	35	32	8	12	29	36	26	30	28	30	29	39	24.4
Tamarack/-2 S	Maximum	25	41	44	28	30	27	30	29	24	34	46	34	29	36	36	41	41	36	41	42	42	11	37	49	49	40	51	45	56	43	36	36.9
	Minimum	11	11	11	20	13	15	14	19	12	12	14	31	10	12	29	32	17	17	21	30	20	− 4	− 4	9	36	37	30	29	26	28	32	19 0
Tionesta/-1.5 SE	Maximum	32	44	44	22	32	28	33	29	24	39	47	31	38	47	41	41	37	40	43	51	26	16	43	47	53	48	52	42	48	59	34	39.1
	Minimum	15	30	31	18	20	18	12	25	12	11	18	28	17	35	35	34	16	17	17	28	0	1	15	36	39	24	29	27	30	32	22 0
Titusville-2 S	Maximum	23	34	46	30	29	28	30	30	26	28	44	43	36	46	44	35	35	42	47	47	44	14	32	52	47	51	47	36	58	50	38	38.7
	Minimum	12	23	28	17	18	18	18	23	7	13	24	21	16	31	32	31	16	22	22	34	6	− 1	7	31	35	37	28	32	26	35	26	22.2
Towanda-1 E	Maximum	26	36	37	33	36	34	37	38	30	33	52	47	29	44	45	44	42	40	42	48	48	21	31	52	56	47	57	57	41	66	54	42.0
	Minimum	16	20	27	20	9	11	8	27	13	11	26	22	11	29	36	33	20	24	23	34	13	7	12	31	31	32	25	30	28	27	34	22.5
Tunkhannock/	Maximum	30	40	38	29	36	32	38	37	29	39	52	39	34	44	41	44	38	40	44	51	35	20	43	51	53	47	54	57	52	67	46	41.9
	Minimum	10	18	28	21	6	15	5	25	9	7	23	32	10	12	32	31	19	20	22	27	28	7	9	16	40	24	27	29	28	32	40	21.0
Uniontown	Maximum	33	63	61	43	35	31	35	36	35	33	53	47	47	60	56	53	41	45	50	59	47	19	44	55	54	56	55	51	68	70	54	48.0
	Minimum	26	32	43	28	28	19	13	29	22	18	33	36	30	39	43	41	25	27	25	42	13	4	13	40	44	39	28	43	40	49	32	30.5

Continued on page 8.

Daily Temperatures for Janaury 1947—Continued from page 7.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum..	35	45	56	36	34	30	39	39	30	33	52	48	47	60	54	51	38	45	48	57	40	18	44	54	55	55	55	53	67	69	52	46.4
	Minimum..	24	34	35	25	26	19	18	28	19	19	34	28	27	38	41	35	26	28	28	40	9	4	15	43	35	32	30	39	39	50	32	28.9
Warren	Maximum..	29	44	45	29	37	32	33	34	27	29	40	38	36	45	44	40	39	40	48	50	39	23	40	48	52	46	53	47	35	58	50	40.3
	Minimum..	10	28	27	18	19	20	20	23	10	18	29	17	16	31	32	31	18	20	20	35	6	0	10	39	35	31	25	29	27	33	27	22.7
Waynesburg	Maximum..	33	63	61	38	32	30	34	35	32	32	52	48	54	64	56	51	38	45	46	52	44	17	41	51	58	50	50	50	66	68	51	46.4
	Minimum..	23	32	38	26	25	19	10	25	19	17	30	34	25	37	40	37	23	24	22	42	9	2	12	39	42	33	24	40	35	50	31	27.9
Wellsboro/	Maximum..	30	36	37	31	34	34	35	33	29	37	49	32	33	39	39	39	40	41	42	46	29	18	42	46	53	43	54	51	40	57	39	39.0
	Minimum..	13	13	29	22	14	20	14	24	14	12	18	31	10	14	32	33	19	19	20	20	25	3	2	14	38	25	22	22	26	26	26	20.0
Wellsville	Maximum..	31	32	40	43	39	35	34	42	39	33	53	48	40	36	38	50	42	48	42	44	50	21	38	58	60	45	55	60	56	70	69	44.9
	Minimum..	22	22	31	31	16	22	17	32	23	20	22	35	22	29	34	34	30	21	24	31	20	8	4	21	34	26	28	28	30	32	44	25.8
West Chester	Maximum..	29	33	42	40	36	35	36	42	38	35	52	45	33	37	42	46	45	49	39	54	48	24	38	59	60	48	58	62	62	68	65	45.2
	Minimum..	23	27	27	30	23	25	20	34	23	23	30	29	22	32	35	38	33	32	28	36	22	9	12	29	40	39	37	36	38	43	43	29.6
Wilkes-Barre[1] Apt. -3N.	Maximum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Williamsport Arpt.[1-4 E	Maximum..	24	33	36	32	34	34	37	36	29	33	52	46	32	37	38	40	37	43	37	49	43	18	36	52	55	44	50	51	46	65	51	40.4
	Minimum..	21	25	32	17	13	11	10	27	20	15	28	19	17	32	34	34	27	21	23	35	11	7	14	36	29	30	29	28	31	33	33	23.9
Williamstown	Maximum..	27	32	40	42	36	45	37	39	36	31	55	49	35	35	40	45	48	42	38	48	50	22	33	54	57	48	56	56	58	64	64	43.9
	Minimum..	21	21	30	28	13	24	8	30	20	22	26	34	15	26	30	35	29	25	20	35	22	5	4	32	40	30	32	32	32	40	40	25.8
York-3 SW	Maximum..	31	34	38	43	41	39	40	45	40	35	57	55	43	37	11	47	51	48	44	51	50	31	42	61	62	55	61	62	65	72	66	48.0
	Minimum..	24	24	33	33	19	18	13	33	25	23	30	36	23	31	36	37	31	28	25	36	31	5	1	29	42	30	28	31	33	45	44	28.3

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Relative Humidity Date	7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.77	1	29.05	20	11.6	27	w.	21	87	81	84	16	1000
Harrisburg	30.81	1	29.26	20	7.7	34	w.	21	74	61	68	42	901
Philadelphia	30.81	1	29.27	20	7.9	23	s.	30	78	62	74	56	781
Philipsburg	30.73	1	29.19	20	.....	38§	w.	21	84	74	81	.....	1092
Pittsburgh	30.48	17	29.16	20	12.9	43	sw.	20	79	67	72	26	892
Reading	30.83	1	29.25	20	11.5	49	s.	30	66	.....	.....	42	860
Scranton	30.84	1	29.17	20	7.3	31	nw.	21	83	75†	....	30	991

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. • One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.8	6.5	22	2.4	2	18
Easton	Delaware	3.7	8.8	22	1.6	2	22
Lehighton	Lehigh	3.6	5.4	31	2.9	13	9
Reading	Schuylkill	5.3	9.8	31	3.8	10	13
Wilkes-Barre	N. Br. Susquehanna	6.5	11.2	22	2.9	1	22
Williamsport	W. Br. Susquehanna	5.4	8.6	22	3.0	14	20
Newport	Juniata	5.4	7.5	22	4.3	11	22
Harrisburg	Susquehanna	5.0	6.6	23	4.0	13	17
Schenley,(nr) Lock No. 5.	Allegheny	16.7	19.9	4	13.9	13	24
Sutersville	Youghiogheny	5.7	7.2	17	4.1	11	20
Charleroi(nr.), Lock No. 4	Monongahela	15.4	18.3	22	12.6	12	30
Pittsburgh	Ohio	•	•		•		25
Midland, Dam No. 7	Ohio	•	21.6	22	•		30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS
(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																									1	1					
Fog, heavy		24	28		3						3		11	24	18					8					4	9	7			7	
Frost, killing																															
Glaze	25	23	6	3			3	1				9	19	2	1			5	7						1			4	1		
Hail																															
Rain, heavy																															
Sleet	28	9			1		4	1			1		1	5					1		2							5	1		
Snow, heavy																															
Thunderstorms													5	3															5		
Winds, high	7		1	5	3	8	21	26	19	4	11	3	5	5		11	4		3	24	38	20	3	5		4		4	15	13

(W. B. O., Philadelphia—4-7-47—975)

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
a, b, c, etc. Number of days missing, for example, " indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
| And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
• Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER
HARRISBURG, PA.

VOL. LII. FEBRUARY 1947. No. 2.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

Winter finally arrived after months of pleasant weather. This was the coldest February in eleven years, the tenth coldest in 60 years, and the most unpleasant month since January 1945. Among the hardships was the excessive snowfall, this having been the snowiest February since 1926 and the seventh snowiest of record. This was all the more unusual, since the precipitation totaled exactly half of normal, and it was the driest February in six years and the fifth driest of record. The explanation of this seeming paradox is that all the precipitation was in the form of snow, generally of a light and fluffy kind, having low moisture content.

The western counties had the greatest number of days with precipitation, and the snowfall averaged more than twice the normal in that area. However, the heaviest storm occurred on the 20th and 21st in the southeastern and central counties. In the latter sections this one snowstorm accounted for practically all of the monthly amounts. The State averaged 86% above normal snowfall. The monthly total was the greatest at Pittsburgh for February since 1914, and the highest amount at Philadelphia since January 1935.

There were two main periods of storminess. In the first week an extensive cold front passage resulted in general precipitation throughout the State, and was followed by another storm that affected the northwest sections. The snowfall of the 20th was the result of an intense storm that came up from the Gulf of Mexico and went out to sea at our latitudes. The low temperatures drawn into the low pressure system were the deciding factor in producing snow instead of rain, and although the center was 150 miles off the coast of Maryland on the morning of the 21st, the storm was so extensive that heavy snow was measured in all parts of Pennsylvania. In the southeastern and central counties, the depths totaled the greatest since 1936.

Naturally, such excessive snowfall caused hardship. Twenty-one people died as a result of the storm of the 20th, eighteen at Philadelphia alone. Most of these deaths were due to heart attacks brought about while battling heavy snow. Much could be written about the severity of the snowstorm, the drifts, traffic tie ups, lack of protection against fire hazards, motor accidents, loss of business, closing of schools, sickness, the temporary but total disappearance of air transportation, and other concomitants of an excessive snowfall. At least two days elapsed before traffic conditions were restored to normal, but drifting was still in evidence at the end of the month.

Temperatures were rather severe in the first week, with below zero reported at many stations. The middle of the month was above normal, but fell below normal again about the 19th and remained so until the end of the month.

An unusual feature was the fact that sunshine averaged above normal at all official Weather Bureau stations except Erie, which has had excessive cloudiness of late.

For the winter season of December, January and February, there was a temperature excess of one degree, in spite of the cold of February, while precipitation was only 82% of normal seasonal.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 83 stations was 23.2°, which is 5.1° below the 60-year normal for February. The highest monthly mean was 31.2° at Marcus Hook, and the lowest was 16.4° at Kane. Extremes ranged from a maximum of 58° at Newburg and Lewistown on the 15th and 16th respectively to a minimum of −13° at Kane and Lawrenceville on the 5th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 207 stations, was 1.39 inches, which is 1.39 inches below the 60-year normal for February. The greatest monthly amount was 6.01 inches at Kregar, while the least was 0.34 inch at Millersburg. The greatest amount recorded in any 24 consecutive hours was 2.05 inches at South Mountain on the 20th.

The average snowfall for the State was 19.5 inches, which is 8.7 inches above the 60-year normal. The greatest monthly snowfall was 61.3 inches at Kregar. The greatest fall for any observational day was 18.8 inches at Ephrata on the 20th-21st.

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	28.4	63	−31	2.50	7.2	9	7	11	11
1889	23.0	60	−27	1.96	8.7	9	7	9	12
1890	37.0	79	0	4.32	5.6	11	6	8	14
1891	34.8	70	−7	4.61	5.6	12	6	8	14
1892	31.6	62	−18	1.75	6.3	9	7	7	15
1893	27.3	60	−16	5.92	26.4	14	6	8	14
1894	27.6	64	−24	3.53	22.7	11	8	9	11
1895	20.2	60	−26	1.22	13.2	6	10	10	8
1896	29.4	65	−21	4.90	10.5	11	9	7	13
1897	30.6	67	−14	3.28	10 3	9	7	8	13
1898	29.4	72	−16	2.23	6.1	9	8	8	12
1899	22.7	67	−39	4.05	23.6	12	8	7	13
1900	27.1	81	−17	4.22	7.0	11	8	6	14
1901	21.7	57	−22	0.96	7.9	8	10	9	9
1902	23 9	64	−24	3.99	14.3	10	9	7	12
1903	30.5	68	−17	4.49	10.8	10	10	7	11
1904	21 8	68	−27	2.41	6.8	11	10	7	12
1905	20.8	59	−25	1.70	9.7	8	10	8	10
1906	28.0	79	−21	1.70	6.8	7	12	7	9
1907	22.8	56	−20	1.91	15.2	8	12	7	9
1908	24.8	64	−29	4.65	23.6	11	10	7	12
1909	35 8	73	−9	4.84	4.0	14	6	7	15
1910	26.6	65	−22	3.59	15.0	11	9	7	12
1911	31.0	66	−8	2.27	11.1	10	7	6	15
1912	23.7	69	−27	2.20	6.5	8	11	8	10
1913	27.4	67	−9	1.84	5.7	9	12	5	11
1914	21 8	65	−27	2.78	23.5	10	11	6	11
1915	33.3	73	−9	3.90	2.0	9	9	5	14
1916	25.7	67	−22	3.08	14.3	12	8	7	14
1917	25.6	68	−29	1.46	8.0	10	9	9	10
1918	28.3	69	−34	2.46	2.9	9	10	8	10
1919	32.6	66	−7	2.23	4.7	11	12	6	10
1920	25.6	62	−20	2.44	18.3	11	9	8	12
1921	32.8	76	−15	2.59	15.4	10	8	8	12
1922	33.0	74	−19	1.99	7.7	10	9	9	10
1923	24.6	58	−20	2.16	11.7	12	8	8	12
1924	26.9	70	−25	2.94	16.3	10	11	7	11
1925	35.6	71	−11	2.16	2.1	8	11	7	10
1926	28.7	65	−13	4.06	23.3	12	7	6	15
1927	35.0	69	−8	3.48	16.5	13	7	8	13
1928	30.3	65	−11	3.42	6.7	11	10	7	12
1929	28.0	69	−20	2.87	11.7	9	10	8	10
1930	35.1	80	−18	2.69	3.9	11	9	6	13
1931	31.9	66	−16	1.98	5.2	9	11	5	12
1932	35.3	83	−8	1.64	2.9	10	10	8	11
1933	31.3	68	−15	2.30	9.4	10	12	7	9
1934	18.1	59	−34	1.81	14.4	7	13	7	8
1935	28 9	66	−26	2.67	14.4	12	8	7	13
1936	21.5	69	−27	2.33	12.3	9	11	7	11
1937	31.4	77	−12	2.32	6.5	10	9	8	11
1938	34.1	74	−4	2.85	3.9	12	8	6	14
1939	33.7	74	−10	4.45	6.2	13	10	6	12
1940	29.4	63	−19	3.16	19.3	13	9	5	15
1941	26.5	62	−14	1.04	7.6	8	10	7	11
1942	25.9	58	−21	2.62	9.4	10	10	6	12
1943	29 9	75	−27	1.71	7 8	12	9	8	11
1944	29.4	67	−18	2.00	9.4	11	8	7	14
1945	29.1	71	−14	2.66	8.5	12	6	8	14
1946	29 3	75	−14	2.83	9.7	11	9	7	12
1947	23.2	58	−13	1.39	19.5	9	7	9	12
Period	28.3	83	−39	2.78	10.8	10	9	7	12

Climatological Data for February 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.-4 NE.	Lehigh	384	6	24.8	-5.0	50	14	1	5	1.42	-1.88	1.13	20-21	16.5	10	7	11	10	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	61	22.1	-5.2	52	14	4	5	0.82	-1.53	0.56	20	20.7	8	11	14	6	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	5	24.4	....	56	14	- 2	5	1.25	.....	1.05	20-21	17.0	5	14	6	8	w.	Penna. Turnpike Comm
Canton 1 NW	Bradford	1,450	7	20.4	.....	45	14	- 4	5†	0.78	.....	0.37	20 21	11.9	6	12	5	11	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	29.6	-0.8	57	14	3	5	1.46	-1.43	1.26	20-21	15.0	5	18	5	5	sw.	Clarence E. Miller.
Chambersburg-1 SW.	Franklin	600	51	26.4	-5.4	55	14	1	5	1.68	-0.96	1.52	20-21	14.4	4	13	12	6	w.	Charles A. Bender.
Coatesville	Chester	431	59	26 0	-4.6	52	14	3	5†	1.76§	-1.86	1.18	20 21	21.2	5	14	9	8	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	4	16.7	.....	46	14	-10	5	1.51	.....	0.28	20-21	17.9	19	1	7	20	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	5	18.4	.....	43	14	-10	5	1.32	-2.18	0 62	20 21	22.3	7	5	7	16	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	9	21.2	.....	52	14	- 6	5	1.22	-0 77	0 92	20-21	15.8	5	1	12	12	nw.	U. S. Weather Bureau.
Emporium-1 E.	Cameron	1,100	60	20.8	-5.0	49	14	- 4	5†	0.61	-2.22	0.28	20 21	8 5	10	4	5	19	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	49	28.4	-2.2	51	14	4	5	2.52	-0.35	1.89	20 21	23.1	6	11	12	5	n.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	24	24.8	-2.8	57	14	0	5	0.96	-1.25	0.90	20-21	14.5	3	5	13	10	nw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	53	21.4	-3.2	49	14	8	5	1.64	-1.34	1.04	20 21	17.9	7	.....	.....	.....	n.	Andrew B. Evansha.
George School	Bucks	184	40	26.5	-4.9	51	4	1	5	1.86	-0.95	1.27	20-21	17.1	6	17	8	3	nw.	George M. Hart.
Gettysburg	Adams	500	73	29.4	-2.1	50	14	3	5	1.43	-1.25	1.15	20 21	13.5	4	17	8	3	w.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	23.7	-3.6	50	14	- 3	5	1.37	-1 72	0.75	20 21	17.0	4	11	12	5	w.	Miss Sallie M. Johnson.
Hanover	York	600	42	28.4	-4.7	57	14	3	5	2.02	-0.58	1.50	20-21	18.3	3	12	10	6	w.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	77	27.6	-2.6	53	14	3	5	1 77	-1.19	1.40	20 21	18.2	5	4	12	12	nw.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	36	22.8	-2.8	48	14	2	5†	1.71	-0.91	0.94	20 21	24.0	8	12	10	6	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	31	28.1	-4.5	52	14	6	5	2 01	-0.40	1.70	20-21	20.0	3	16	9	3	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	26.2	-3.2	56	14	2	5	0.90	-1.71	0.86	20 21	12.5	3	2	6	20	nw.	Paul R. Yoder. Jr.
Huntingdon	Lancaster	255	59	28.6	-2.5	55	14	1	5	2.12	-0.50	1.52	20-21	19.5	5	14	10	4	nw.	Lancaster Water Bureau.
Lancaster	Tioga	996	49	22.6	-2.3	47	14	-13	5	0.56	-1.16	0.28	1	9.0	3	5	9	14	....	Carlos P. Darling.
Lawrenceville	Lebanon	469	62	26.5	-3.1	55	14	2	5	1.56	-1.53	1 10	20 21	18.0	4	19	6	3	sw.	Lebanon Valley Gas Co.
Lebanon	Mifflin	580	8	26 4	....	58	16	2	5†	0 96	.....	0.58	20-21	12.5	4	4	9	15	w.	American Viscose Co.
Lewistown- 1 W.	Clinton	557	55	26.4	-2 0	47	17	0	5	1.02	-1.52	0 61	20-21	14.3	3	9	9	10	e.	William R. Kelley.
Lock Haven	Delaware	12	19	31.2	-4.2	54	14	7	5	1 89	-0.60	1 15	20-21	18.3	5	9	13	6	nw.	Sun Oil Co.
Marcus Hook	Blair	1,493	4	22 0	.....	54	14	- 2	5	0.86	.....	0.67	20 21	16.4	5	3	10	15	w.	U. S Weather Bureau
Martinsburg[8]	Susquehanna	1,176	41	18.8	-3.8	42	14	- 6	5†	2 54	+0.36	0.78	20-21	34.7	12	6	3	99	nw.	Harry S. Fancher.
Montrose-3 E.	Monroe	1,911	5	18.6	-3.2	45	14†	- 8	5	1.47	-1.46	0.80	20 21	18.6	6	7	9	12	nw.	U. S. Weather Bureau.
Mt. Pocono Arpt -2 N.	Carbon	455	28	24.8	-4.3	47	14	0	5	1.36	-0.88	0.85	20 21	13.3	4	6	16	6	w.	New Jersey Zinc Co.
Palmerton	Philadelphia	26	76	30.1	-3 8	53	4	6	5	2 42	-0 90	1.73	20-21	17.5	6	12	11	5	w.	U. S. Weather Bureau.
Philadelphia C. O.	Centre	1,916	4	17.8	.....	46	14	- 6	5	1 79	....	1.25	20 21	18 7	17	3	7	18	w.	U. S. Weather Bureau.
Philipsburg-7 E.	Chester	100	37	28.8	-3.6	53	14	2	24	1.79	-1 20	1.38	20-21	17.2	5	17	9	2	w.	Phila.-Suburban Water Co.
Phoenixville-1.5 SE.	Schuylkill	407	8	24.7	-4.7	50	14	2	5	1.97	-0.85	1.40	20-21	17.0	3	16	8	4	.....	Earl E. Rarick.
Port Clinton††	Bucks	480	61	26 9	-2.0	47	14	1	5	1.86	-1.50	0.95	20 21	18 0	5	9	14	5	nw.	John E. Benner.
Quakertown-0.5 E.	Berks	273	76	28.6	-1.9	51	14	4	5	2.22	-1.20	1.46	20-21	19.1	6	10	11	7	w.	U. S. Weather Bureau.
Reading	Lackawanna	746	52	23.7	-3.6	47	14	- 1	5	1.25	-1.79	0.78	20 21	16.9	4	1	13	14	nw.	U. S. Weather Bureau.
Scranton	Snyder	476	56	27.0	-1 6	54	14	0	5	0.92	-1.81	0.69	20-21	10 5	4	10	13	5	w.	Dr. Merle V. Hoover
Selinsgrove	Centre	1,217	61	23.3	-3.7	51	14	- 3	5	0.69	-1 88	0.58	20 21	13.1	6	7	14	7	sw.	Penna. State College.
State College	Monroe	440	27	27.0	-0.6	50	14	- 2	5	1.65	-1.10	1.16	20-21	19.4	5	4	14	10	w.	Metropolitan Edison Co.
Stroudsburg-2 E.	Clinton	2,250	6	18.0	.....	43	14	- 8	5†	0.80	.....	0.47	20-21	10.4	9	2	9	17	w.	James E. Swartz.
Tamarack-2 S.	Bradford	754	52	24.6	-0.7	49	14	- 3	5	0.64	-0.70	0.43	20-21	12.1	4	5	13	10	w.	Mrs. M. Ordelia Parks.
Towanda-1 E.	Tioga	1,319	76	20.4	-4 0	47	14	- 6	5†	0.75	-1.41	0.37	20-21	14.2	6	7	9	12	w.	M. S. Bliss.
Wellsboro	Chester	440	97	28 4	-2.9	51	14	3	5	1.68	-2.00	1.06	20-21	20.8	6	16	9	3	nw.	Clyde T. Saylor.
West Chester	Luzerne	544	8	25.0	.....	47	14	- 2	5	1.45	.....	0.73	20 21	14.5	6	1	12	15	sw.	U.S. Weather Bureau.
Wilkes-Barre Apt.-3N.	Lycoming	520	2	24.8	.....	44	13†	1	5	0.67	.....	0.58	20-21	11.6	4	2	10	16	sw.	U.S. Weather Bureau.
Williamsport Apt.-4E.	Dauphin	775	30	26.4	-3.6	54	14	0	5	.....	.....	.....	.....	14.0	.....	.....	.....	.....	.....	Gordon E. Lower.
Williamstown	York	390	58	29.2	-2.2	57	14	2	5	3.06	+0.34	2 01	20 21	17.0	6	10	12	6	w.	York Water Co.
York-3 SW																				
Division mean			....	24 8	....	58	15†	-13	5	1.35	.....	2.05	20	16.5	6	9	10	9	w.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	11	18 0	....	46	15	- 8	5	1.31	-1.23	0.49	20 21	36.9	18	1	1	26	w.	U. S. Weather Bureau.
Bradford-4 W.	McKean	1,680	29	18.8	-7.0	46	14	6	5	1.61	-0.98	0.27	24-25	27.1	19	1	7	20	nw.	City Water Dept.
Brookville Apt.-1.5SW.	Jefferson	1,400	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Civil Aeronautics Authority
Butler	Butler	1,077	33	22.8	-5.6	51	15	- 3	8	0.71	-1.64	0.18	20-21	16.8	12	7	13	8	nw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	36	20.8	.....	50	14	-11	8	0 85	-2.30	0.23	20-21	17.2	12	2	6	20	w.	Penna. Electric Co.
Claysville	Washington	1,170	43	21.0	-10 3	52	14	- 5	8	0 90	-1.61	0.38	20 21	14.5	10	6	3	19	sw.	Walter B. Paget.
Corry	Erie	1,410	32	19.4	-5.8	45	14	- 2	5	2.80	-0.19	0.49	8-9	53.9	20	2	10	16	nw.	Geo. R. Mulderick.
Coudersport	Potter	1,653	22	20.0	-4.2	45	14	- 6	5†	1.83	-0.71	0.44	10	14.0	8	9	2	17	ne.	Potter Enterprise.
Derry	Westmoreland	1,150	49	22.9	-7.3	51	14	- 2	5	1.73	-1.29	0.40	20	22.6	14	7	9	12	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	17.9	.....	49	14	- 6	5	2.71	....	0.70	20	54.4	19	2	12	14	nw.	Penna. Turnpike Comm.
Donora	Washington	761	20	25.6	-8.7	55	15	3	5†	1.59	-0.72	0.40	20	20.3	11	5	8	15	w.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	19.0	-8.2	46	14	- 7	5	2.71	-0.06	1.34	20	25.6	19	3	12	13	sw.	John L. McGough.
Farrell	Mercer	855	33	23.4	-5.1	52	14	0	4†	0.68	-1.22	0.22	20	7.8	7	22	3	3	sw.	Sharon Steel Corporation
Ford City-4 S.	Armstrong	950	3	21.2	.....	49	14	- 5	8	0.85	.....	0.46	20-21	16.0	11	5	5	18	w.	U.S. Engineers.
Franklin	Venango	987	72	21.6	-4 1	50	14	- 1	5	1.43	-1.27	0.28	24-25	23.5	17	8	7	13	w.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	37	22.8	-8.7	52	14	0	5	1.73	-1.18	0.45	20	22.9	16	5	1	22	sw.	Westmoreland Water Co.
Indiana 2.5 SE.	Indiana	1,102	45	21.6	-8.0	48	14	- 6	8	1.01	-1.90	0 32	20	16.7	10	3	16	9	w.	Clymer Water Service Co.
Jamestown-2 NW.	Mercer	1,050	5	21.2	.....	51	14	- 2	8†	0.58	-1.50	0.16	20-21	.....	14	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	24.4	-5.9	55	14	1	5	1.85	-1.78	0.86	20-21	42.1	17	5	8	15	nw.	Johnstown Tribune Pub. Co
Kane-1 N.	McKean	1,750	31	16.4	....	45	14	-13	5	1.84	-1.11	0.35	4	33.3	20	6	1	21	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	52	19.9	-4.5	46	14	- 1	5†	1.41	-1 27	0.25	9-10	38 0	20	3	8	17	sw.	City of Meadville.
Midland	Beaver	780	10	23.0	-8.4	50	14	- 1	5	0.56	-1 65	0.27	20 21	13.2	11	6	9	13	nw.	Perry P. Campbell.
New Castle-1.5 N.	Lawrence	900	66	22.6	-6.2	51	14	0	5	0.53	-1 83	0.26	20	5 3	10	5	9	14	nw.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	13	22.1	-7.7	51	14	- 2	4	1.32	-1.30	0 57	20-21	23.1	16	2	6	20	w.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	3	18.3	.....	47	14	- 9	8	0.95	.....	0.38	20 21	11.2	14	2	4	22	ne.	U.S. Engineers.
Ridgway	Elk	1,385	39	18.3	-6.6	47	14	-10	8	0.85	-1.46	0.21	20 21	13.3	15	5	5	18	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	18.6	-8.4	50	14	- 8	8	2.13	-1.48	0.55	20	36.9	16	4	3	21	sw.	D. L. Grove.
Somerset	Somerset	2,500	27	18.6	-8.7	48	14	- 8	5	1.75	-1.40	0 59	19-20	27.6	19	2	6	20	w.	Allen E. Yoder
Springs-1 SW.	Forest	1,200	9	18.8	....	47	14	-10	8	1.04	-1.29	0.30	20-21	19.7	14	6	3	19	n.	U. S. Engineers.
Tionesta-1.5 SE	Crawford	1,550	3	19.1	.....	47	14	- 5	8	1.57	.....	0.27	20-21	21 5	18	0	13	15	sw.	U. S. Weather Bureau
Titusville-2 S.	Fayette	1,040	58	24.8	-8.0	53	3	- 1	5	1.37	-1.55	0.36	20	16.7	13	5	9	14	sw.	William W. Marsteller.
Uniontown	Westmoreland	825	32	23.9	-7.7	50	14	0	5	1.25	-1.22	0.50	20	.....	12	1	17	10	....	Carnegie-Illinois Steel Corp
Vandergrift	Warren	1,190	58	21.1	-3.9	48	14	- 4	5	1.91	-0.67	0.55	8-9	25.0	17	9	10	9	sw.	Merrell L. Jordan.
Warren	Greene	1,100	17	22.4	-9.2	53	14	- 2	5†	1.15	-1.08	0.65	20-21	15.5	7	4	15	9	w.	Thomas S Knox.
Waynesburg																				
Division mean				20.9	.....	55	14†	-13	5	1.46	.....	1.34	20	23.6	14	5	7	16	w.	
Lake Drainage																				Albion High School
Albion	Erie	900	3	.....	.....	.....	.....	- 1	8	.....	.....	.....	.....	.....	.....	2	12	14	.....	
Erie	Erie	705	73	23.5	-3.4	50	14	5	8	2.77	+0.19	0.61	9-10	36.9	18	1	4	23	w.	U. S. Weather Bureau.
State mean			....	23.2	-5.1	58	15†	-13	5	1.39	-1.39	2.05	20	19.5	9	7	9	12	w.	

[See page 16 for explanation of reference marks.]

Daily Precipitation for February 1947

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike					.26			.18	T											1.48	T.										1.92
Equinunk[2]	Wayne					.84			.07	.02	.04		T.									.87	.06	.03		.04		T					1.97
Hawley[2], 0.5 E	Wayne		T.	T.		.55	T.	T.	.11	.04	.02	.01		T.								.94	.03	T.		T.	.01	T					1.71
Hollisterville[2]	Wayne		T.			.58	T		.12	.07	.01	T.										.83	.02	.02	T.	.02	.01	.02	T.				1.70
Lakeville[2], 1 N	Wayne	T.	T.	T.		.39	T.	T.	.03	.24												1.91	.09	T.			.03	T	T.				2.69
Matamoras[2]	Pike					.32			.15	T.												1.07	.07										1.61
Milanville[2]	Wayne					.42			.07	T.	T.	T.										.68	T.										1.17
Mount Pocono[1], 2 N	Monroe		.01	T.	.44	T.	T.	.12	.10	T.	T.	T	T.				T.		T.	T	.57	.23	T	T.	T	T.	T.	T.	T.				1.47
Pecks Pond[2]	Pike			T.		.55		T.	.15													.95	T.	T.									1.65
Pleasant Mount[1, 5], 1 W	Wayne				.51			.11	.05	.05	.09										.29	.21	.03	.02	.03	.06							1.45
Stroudsburg, 2 E	Monroe		T.	T.	.20	.17	T.	.03	.09												T.	1.16				T.							1.65
Tanners Falls[1, 5], 1 SE	Wayne				.45			.05													.40	.18											1.08
Wind Gap[1, 5], 3 SW	N'rthampton																																
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh		T		.16		T.	.05	.08			T.									.74	.39					T.						1.42
Allentown[2]	Lehigh		T.	T.		.31			.20	T.												1.26	T.										1.77
Bethlehem[1]	N'rthampton		T		.39		T.	.07	.27												.53	.40					T.						1.66
Blakeslee Corners[1, 5]	Monroe				.50			.07	.04												.40	.20											1.21
Gouldsboro[2]	Wayne			.02		.65			.18	.11												.90				.02		.02					1.90
Lansford[2]	Carbon					.48			.08													.92	T										1.48
New Tripoli	Lehigh		T.		.66			T.	.05												.29	.73											1.73
Palmerton[1, 5]	Carbon		T		.50		T.	T.	.01												.66	.19					T.						1.36
Zionsville, 1 SW	Lehigh				.20	.05		.05	.30												.15	1.10											1.85
SCHUYLKILL																																	
Coushohocken	Montgomery																																
Fredericksville[2], 1 S	Berks		.01			.47			.04								T.					1.50						.01					2.03
Geigertown[2]	Berks					.65			.18													1.05						.03					1.91
Gratersford[2]	Montgomery		.06			.14			.59	.14												1.12	.11										2.16
Phoenixville[2], 1.5 SE	Chester		.05			.12			.24													*	1.38				T						1.79
Port Clinton[2]	Schuylkill		T.			.48	T	T.	.09													1.40					T.	T.					1.97
Pottstown[2], 0.5 S	Montgomery	T.	.03			.08			.23													1.60	.02										1.96
Pottsville[2]	Schuylkill					.15			.02													90											1.07
Reading[1, 5]	Berks		.03		.51	T.	T.	.11	.11												1.27	.19					T.						2.22
Strausstown[2]	Berks		T.			.50	T.		.07													1.23	T.										1.80
Virginville[2]	Berks		T.	T.		.63	T.	T.	.07													1.69	T.					T.					2.39
Wernersville	Berks		.02		.46			.02	.06												.65	.56				T	T.						1.77
LOWER DELAWARE																																	
Coatesville[2]	Chester		.16			.30			.12	T.												*	*1.18*				T.						§1.76
Doylestown	Bucks		T.		.27	.12		.05	.34												.24	1.38					T						2.40
George School[6]	Bucks		.04		.29			.03	.23												.14	1.13					T.						1.86
Maple Glen[7]	Montgomery		T.			.11		.03	.12													1.45											1.71
Marcus Hook[2]	Delaware		.10			.20			.42	.02												1.15	T.										1.89
Philadelphia Southwest Airport, [1]	Philadelphia		.05	T.	.12			.01	.42												1.15	.27					T.						2.02
City Office[1, 5]	Philadelphia		.07	T.	.19	T.		.01	.42												1.48	.25					T.						2.42
Shawmont	Philadelphia		.05		.15	.26		.15					T.								.63	.85					T.						2.09
Quakertown, 0.5 E	Bucks		T	T.	.25	T		.04	.62												.14	.81											1.86
West Chester	Chester		.13		.26			.01	.22												.56	.50											1.68
West Grove[2], 1.5 SE	Chester		.03			.21			.32	T.												*	1.35										1.91
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga				.13					*	.05										.16			.01									0.35
Covington[2]	Tioga		.04		T.	.15		.01	.01								T.				T.	.43	T.		T.								0.64
Lawrenceville	Tioga		.10	T	.28			T.			T.					T.					T.	.18			T.								0.56
NORTH BRANCH																																	
Berwick	Columbia		T		.38	T.		T.	T.												.13	.48											0.99
Canton[2], 1 NW	Bradford		.03	T.		.19		.12	.02	T.	T.	.05										.37	T.		T.	T.		T.	T.				0.78
Danville[2]	Montour					.16		T.	.06													.78											1.00
Freeland[2]	Luzerne		T	T.		.48		.07	.02	.02	T.	T.	T.				T.					.97	.07				.01	T.	T.				1.64
Hop Bottom[2], 2 S	Susquehanna					.45		.10	.22													.60	.10	.06									1.53
Millville[1, 5]	Columbia				.19		.04														.25	.04											0.52
Monroeton[2], 2 S	Bradford		T.	T.		.16		.02	.03	T.	T.	T.					T.	T.		T.		.60	T.	T.	T.		T.	T.	T.				0.81
Montrose[2], 3 E	Susquehanna	T.	T.	T.		.43		.13	.33	.04	.44	.06	T.				.01			T.	T.	.78	.02	.04	T.	.24	T.	.02	T.				2.54
Orwell[2], 3 N	Bradford		T.	.01		.04		.01	.10	.02	.03						.03			T.		.26		T.		.01	.01						0.52
Park Place[1], 1 NW	Schuylkill	T.	.02		.45		T.	.08	.03	T.	T.	T.				T.	T.			T.	T.	.34	.16	T.	T.	.02	T.	T.	T.				1.10
Pikes Creek[1, 5]	Luzerne				*	*	*	*	.29												.34	.09											0.72
Rush[2]	Susquehanna			T.		.27		T	.10	.01	.07	T.										.55		.02		.02	.03						1.05
Scranton[1, 5]	Lackawanna		T.		.40		T.	.07	T.		T.		T				T.				.45	.33	T.		T.	T.	T.						1.25
Susquehanna[2]	Susquehanna		T	T.		.30		.03	.09	.03	.05	.04	T.				.02	.04		T.	T.	.31	.05	T.	T.	.03	T.	T.						0.99
Towanda, 1 E	Bradford	T.	T.		.17			.04	T.		T.	T.	T.				T.	T.	T.	T.	.11	.32	T.	T.	T.	T.	T.	T.	T.					0.64
Tunkhannock[2]	Wyoming																																
Wilkes-Barre[1], 3 N	Luzerne		T.		.66	T.	.01	.04	.01	T.	T.	T.	T			T.	T.				.40	.33	T.	T.	T.	T.	T.	T.	T.					1.15
WEST BRANCH																																	
Bellefonte[2]	Centre			T		.03		.02									T.					.52					T.	T.					0.57
Carrolltown[2]	Cambria		.18	.04	T.	.06		.16	.07	.07	.20	.05	T.				T.					.70	T.	T.	.06	.10	.05	.06	.04				1.84
Carter Camp[2]	Potter		.06	T.		.11	.04	.07	.06	T.	.08	.03										.22			T.	.08	T.	T.	T.				0.75
Cedar Run[2]	Lycoming		T	T.		.29	T.	.05	.06	T.	.09	T.										.35		T.	T.								0.84
Clearfield[2]	Clearfield		T.	.02		.02	.02	.09	.02	T.	T.	T.					T.			T.		.36		.02	T.	.03	.04	T.	T.				0.62
Coalport[2]	Clearfield																																
Curwensville Apt[1] 6 NW	Clearfield	T.	.06		.13	.02	.15	.16	.07	.08	.13	.01	T.			.02	.02	T.	T.	.02	.26	.02	T.	.05	.03	.18	.08	.02	T.					1.51
Driftwood[1, 5]	Cameron				*		*	*	*	*	.32										.27	.03											0.62
Dushore[1, 5]	Sullivan				.19		*	.12													.30	.25											0.86
Eagles Mere[2]	Sullivan		T			.37	T.	.17	.06	T.	.05	.03					T.			T.		.62			T.	.02	T						1.32
Emporium[2], 1 E	Cameron	.01	T.	.01	T	.03	.05	.03			.13	.02					T.					.28			.01	.04	T.	T.					0.61
English Center[1, 5]	Lycoming				.37		.03	.03		.01	.02										.31	.05											0.82
Galeton	Potter		.12		.13	T.	T.	.06		.01	T.										.21	.08	T.	T.	.03	T	T.	T.					0.64

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield		T.	.05		T	T.	.09	T.	T.	.04	T.					.01					.45		.02		T.	T.	.01	T.				0.67
Lock Haven[2]	Clinton			T.	T.	.35		.06			T.											1.61										1.02
Medix Run[1, 5]	Elk				*		*	*	*	*	.21										.28	.05				.04	.01					0.59
Philipsburg[1], 7 E	Centre	.01	.08		.04	T.	.10	.10	.02	.01	.02	.01				T.	.01	T.	T.	T.	1.22	.03	.01	.01	.04	.05	.03	T.	T.				1.79
Renovo[2]	Clinton			T.		.07	.01	.02	T.		T.	.02					T					.37				T.		T.	T.				0.19
State College[1, 5]	Centre		.01		.06		.03	.01	T.	T.	T.	T.				T.			T.		.51	.07		T.	T.	T.	T.	T.				0.69
Tamarack[2], 2 S	Clinton	T.	T.	01		.11	.04	.07	.01	T.	.06	.01	T				T.	T.		T.		.47			T.	.02	T.	T.	T.				0.80
Trout Run	Lycoming																				.45	.07											0.62
Tyrone [1, 5], 4 NE	Blair						.07	.03														.37	T.		.01	T.	T.		T.				0.75
Wellsboro[2]	Tioga		.06			.24	T.	.02			.05	T.									.50	.08	T.	T.	T.	T.	T.	T.	T.				0.67
Williamsport Apt.[1]-4 E	Lycoming	T.	T.		.04	T.	.05	T.	T.	T.	T.	T.				T.						.67						T				0.78
Williamsport[2]	Lycoming					04		.07														.49	T.					T.				0.64
Williamsport[2], 4 SE	Lycoming		T.	T.		.08	T.	.07	T.			T.																				
JUNIATA																																	
Altoona, 4.5 W	Blair		.09		T.	.02	.02	.09			T.										.42	.14			T.	.02	.02	T.				0.82
Breezewood[1], 0.5 E	Bedford		.01		.02		.03		T.												.67	.03				.03	T.	T.				0.79
Buffalo Mills[2]	Bedford						.08															1.20					.09	.05				1.42
Burnt Cabins[1], 2 NE	Fulton		.01		.17		.02														.93	.12				T.	T.				1.25
East Waterford[2], 3 E	Juniata		.05	T.		.18	.01	.06	T.	T.	T.	T.	T.				T.	T.		T.		.92	T	T	T.	T.	T.	T				1.22
Everett[2], 0.5 SW	Bedford		T.			.02		.04			T.											.90	T.				T.					0.96
Huntingdon[2]	Huntingdon		T.	T.		.02		.02	T.	T.	T.	T.								T.		.86			T.	T.	T.	T.				0.90
Lewistown[2], 1 W	Mifflin		.01	T.		.19		.18														.58		T	T.	T.	T	T.				0.96
Mapleton Depot[2]	Huntingdon		.05			.12		.03														1.00						T.	T.			1.20
Martinsburg[1, 8]	Blair	T.	.12		T.	T.	.06	.01	T.	T.	T	T.					T.			T.	.60	.07	T.	T.	T.	T.	T.	T.	T.				0.86
McConnellstown[2], 4NW	Huntingdon		.04		T.	.05	.01	.09	T.	T.		T.									•	.99			T.	T.	T.	T.	T.				1.18
Neffs Mills[1, 5], 3 5 NE	Huntingdon				.08		.03	.09													.36	.10											0.66
New Bloomfield	Perry		T.		.18		T.	.04													.55	.41											1.18
Newport[2]	Perry		T.			.09	T.	.05														.66											0.80
Saxton[2], 1 W	Bedford		T.					.07														.85											0.92
Shade Gap[1, 5], 0.5 SW	Huntingdon				.20		.01	.01													.20	.10											0.52
LOWER SUSQUEHANNA																																	
Arendtsville[2]	Adams					.12																.90											1.02
Beavertown[2]	Snyder				.14			T.														.78											0.92
Bloserville, 1.5 N	Cumberland		.01		.20		T	.12	T.	T.	T.										.50	.60	T.			T.							1.43
Carlisle	Cumberland		T.		.08	T.	T.	.09	.03												.58	.68											1.46
Columbia	Lancaster		.09		.41	.02		.03	.09												.25	.99											1.91
Dauphin[2], 3 N	Dauphin		.04	T		.24	.01	.03	.12	T.							T.					1.60	T.				T	T	T.				2.04
Ephrata	Lancaster		.09		.42	T.		.01	.11												.54	1.35				T.	T.						2.52
Glen Rock[1, 5]	York		02		.30			.05													1.15	16											1.68
Gordon	Schuylkill				42			.20		T.											.27	48					T.						1.37
Grantville, 2 SW	Dauphin		01		.28		T	.02	T.												.32	.35					T.						0.98
Hanover[2]	York		T.			.37			.15													1.50						T.	T.				2.02
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T	.04		.28		T.	.05	T.												1.18	.22	T.			T.	T						1.77
Holtwood[2]	Lancaster		T.			.21		T.	.10	T.												1.70	T					T.					2.01
Huntsdale[2]	Cumberland					.10		T.	.05													1.21											1.36
Kirkwood[1, 5], 1 SW	Lancaster		.01		.30			.08	.05												.40	.12											0.96
Lancaster	Lancaster		.10		.43			T	.07												.27	1.25											2 12
Lebanon[2]	Lancaster		.03			.38	T.	T.	.05							T.						1.10				T.							1.56
Middletown[1], 1.5 W	Dauphin	T.	.06		.62		T.	.02	T.												.93	.41				T.	T	T					2.04
Millersburg[1, 5], 2 E	Dauphin				.07		•	.04													.19	.04											0.34
Milroy[2]	Mifflin			.01		.43		.11														.75						T.	T.				1.30
Newburg[1], 3.5 NW	Cumberland	T			.04		.03	T.													1.21	.12											1.40
New Park	York		.03		.26	.15															.48	.82											1.74
Pine Grove[2], 1.5 NE	Schuylkill		T.			.39	T	.01	T.													.70				T.	T.	T.	T				1.10
Selinsgrove	Snyder		T.		.19		T.	.04													.20	.49					T.						0.92
Shamokin[2]	Northumberland					.30		.03	.04													.90											1.27
Shippensburg	Cumberland		T.		.16			.06	T.												.72	.50						T.					1.44
Sunbury[2]	Northumberland			T		.23		.09														1.07											1.39
Wellsville	York		T.		.20		T.	.01	.03												.40	.62											1.26
Williamstown[2]	Dauphin																																
York, 3 SW	York				.70	.26		.05	.04												.45	1.56											3.06
York Haven[2]	York		.01			.39			.07													1.18											1.65
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin		T.		.12	T.	.04	T.	T.												1.30	.22				T.	T.	T.					1.68
Gettysburg	Adams				.23			T.	.05												.35	.80											1.43
Hewitt, 2 SW	Bedford				.07			T.										T.			•	1.20											1.27
Hyndman[2]	Bedford		T.					.09	T.													1.02				T.	T.	T					1.11
McConnellsburg[2]	Fulton		T.			.10		.07														.82											0.99
Mercersburg[2]	Franklin		.01			.04		.03													T.	1.08					T.						1.16
South Mt. San't'm[2]	Franklin					.22		.05	.08										T.			2.05					T.		T.				2.40
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny		.06	T.	.03	.07	T	.09	.02	T.	.08	.02	T.					T.	.02			.33	T.	T.	T.	.02	.08	.03					0.85
Allen Mills[1, 5]	Jefferson	.03	.10		*	*	*	*	*	*	*	.65		.08		.02						.27	.04		.02	01	.09	.06	.02				$1.39
Blairsville[1], 6 NE	Indiana	.05	.09		.08	.02	.09	.10	.01	.06	.02	.01				.07	T.		T.		.45	.07	.01	T.	.05	.08	.03	.02	T.				1.31
Boswell[2], 6 NW	Somerset		.05	.02	T.	.11	.06	.21	.10	.05	.04	.02	T				.10	.03		T.	T.	.73	.05	.05	.04	.27	.28	.29	.05				2.55
Bradford, 4 W	McKean	.05	.09	T.	.26		.06	.06	1'	.13	.15	.04				T.	.05		.03	.02	.08	.10	.02	.05	.04	.27	.09	.02	T.				1.61
Brookville[1], 1.5 SW	Jefferson																																
Buckstown[1, 5]	Somerset	.02	.03		*	*	*	*	*	.35								.05	.03	.04	.27	.08	.08	.06		.06	.09		.11			1.27
Clarion[2], 3 SW	Clarion	T	T.		.03	.11	.05	.10	.06	.04	.03											.23	T.	.02	T	.10	.07	.01	T				0.85
Corry	Erie	.03	.35		.17	.11	.11	.09	.10	.49	.45	.02				T.	T.	T.	.02	T.	.03	.10	.01	.10	.11	.34	.09	.06	.02				2.80
Coudersport	Potter		.38		.16			.08	T.		.44	T				T.	T.				.03	.26		T.	T.	.41	.07	T.				1.83
Coudersport, 7.5 E	Potter		.31		.12			.06	T.		T.										.03	.26			T.	.41	.07					1.26
Derry	W'moreland		.13		.17	T.	.05	.11	.02	.03	.03										.40	.37	.05	T.	T	.18	.12	.03					1.73
Donegal	W'moreland	.03	.08		.10	.03	.18	.16	.03	.05	.03	T.				.05	.15			T.	.70	.40	.05	.01	.05	.32	.26	.03					2.71
Dunlo[1, 5], 0.5 SW	Cambria	.07	.21	.02			.09	.05		.02	.05										.43	.10	.03	.02	.03	.06	.05	.01					1.24
Ebensburg[2]	Cambria	T.	.28	.02	.03	.02	.06	.22	.06	.08	.13	.04					.04	T.				1.34	.04	.03	.05	.14	.08	.04	.01				2.71
Ford City[2], 4 S	Armstrong	T.	.03	T.	T.	.07	T	.10	.04	T.	.03	T	T.				.03	.03	T.			.46	T.	T.	T.	.02	.01	T.	.03				0.85
Franklin[2]	Venango	T	.07	.02	.10	.15	.05	.12	.02	.05	.10	.05	T.				T				.02	.24	T.	T.	.03	.28	.08	.02	.03				1.43
Glen Hazel[2], 1 NE	Elk																																
Homer[1, 5]	Indiana	•	.06		.14		.12	.08	•	.05		.03			.04	.04					.02	.27	.12	.01		.03	.10	.10					1.21
Indiana	Indiana		.06		.06	T.	.02	.08	T.	.04	T.					.02	T.					.32	.29		T.	T.	.02	.10	T.				1.01
Johnstown[2], 0.5 W	Cambria		.21	.02	T.	.08	.03	.14	.03	.08	.05	.02	T.				.04	T.		T.		.86	.01	.04	.01	.09	.12	.02	T.				1.85

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	.06	.06		.35	.04	.11	.06	.05	.13	.20	.02				.01	T.		.01		.22	.04	.03	.04	.07	.14	.08	.06	T				1.84
Kregar[1], 1.5 SE	W'moreland	.14	.48		.26	.07	.36	.44	.32	.28	.17	T				.10	.12	T.	T	T	1.15	.49	.22	.12	.24	.46	42	.17	T.				6.01
Lycippus, 1.5 E	W'moreland		.24	.08	.21	.02	T.	.35	.05	.01	.03	.03				T.	.21	T.		T.	.47	.93	.10	.05	.11	.54	.10	.19					4.02
Marienville[1, 3]	Forest	.03	.05		.39	.12	.03	.14	.02	*	*	*	.05	.06	.06				.01	01	.29	.07	.01	.01	.05	.05						$1.45
Meadville[2], 1 S	Crawford	.03	.09	.03	.14	.10	.03	.05	.03	.09	.25	.04	T.				.02		T.	.04		.13	T.	.01	.02	.15	.07	.06	.03				1.41
Mosgrove[2]	Armstrong			.04	.01	.14		.11			.04	.02	.02					.04		T		.32			.22	.05	.05	.06					1.12
Parkers Landing[2]	Armstrong		T.	T.	T.	.31		.17	.09		.02	.18										.04	T.	T.	.04	.10	.09	T	T.				1.04
Pittsburgh City Off[1, 5]	Allegheny	.03	.03		.15	.03	.05	.04	T.	.02	.02	T.				T.	.04		T.	T.	.64	.10	.03	.02	.01	.03	.03	.03	T.				1.30
Port Allegany[2]	McKean		.06	.06	.05	.06	.03	.03	03	.02	.13	.02	T.					.01		.01		.20				.05	.01	T.	T.				0.77
Punxsutawney[2]	Jefferson		T.	T.		.05	T.	.07	02	T.	T.	T.	T.				T					.44	.05	.05	T.	.15	.01	T.	T.				0.84
Putneyville[2], 2.5 SE	Armstrong		.02	T.	T.	.17	.01	.10	.07	.02	.02	T.	T				.04			.01		.38	T.	T.	.01	.05	.03	.02	T.				0.95
Ridgway[2]	Elk	T.	.01	.01	.05	.12	.05	.08	.06	.02	.07	.02	T				T.	T.		T.		.21	T.	T.	T	.05	.03	.03	.04				0.85
Saltsburg[2]	Indiana		.10	.01	T.	.13	T.	.11	.05	.02	.09	T.	T.				.04	T.				.77	T.	T.	.01	.04	.08	.04	T				1.49
Seward[2]	W'moreland		.11	.03		.12		.62	.12								.02					1.11	.08	.04		.24	.15	.09	.10				2.83
Sheffield[1, 5, 6 W	Warren	.07	05		.22	.01	.07	.03		.14	.10		.03						.03	.01	.17	.03			.01	.11	.08	.14	.07				1.37
Smethport[1, 5, 1 SW	McKean	.06	.05		.10		.02	*	*	*	*	.42										.18	.08	.03		.09			.02				$1.05
Strongstown[1, 5]	Indiana	.05	.03		.12	.01	.11	.05	.02	.03	.02						.06				.42	.11		.02	.04	.05	.04						1.18
Tionesta[2], 1.5 SE	Forest	T.	.05	T.	.12	.05	.02	.10	.02	T.	.16	T.	T				T.	T.		.02		.30		T.	.02	.07	.04	.06	.01				1.04
Titusville, 2 S	Crawford	.02	.07		.25	.07	.06	.06	.02	.10	.21	.04				T.	T.	T.	T.	.05	.05	.22		.02	.05	.15	.08	.05	T.				1.57
Union City[1, 5]	Erie	.10	.04		.12	.03	.02		.04	.12	.02					.01				.01	.10	.06		.01	.08	.04	.01						0.81
Vandergrift[1]	W'moreland	.02	T.		.25	T.	.17	T.		.11	.01					.03					.50	.08	.02	.01	.01	.04	T.	T	T.				1.25
Warren[2]	Warren	T.	.01	.12	.02	.26	.02	.01	.06	.12	.43	.12	T.				T.			T.		.21		.08	.07	.15	.06	.05	.12				1.91
Youngsville[1, 5]	Warren	.07	.05		.20		.08	.06	.07	.28	.11	.03	.03	.05	.04			.03	.02		.09	.07	.06	.03	.13	.09		.02	.02				1.63
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset		.05	T.		.10	.06	.15	.04	T.	.02	T.	T.				.02	.01		T.	T	.71	.01	T.	T.	.06	.04	.03	T				1.30
Connellsville[2]	Fayette		.02	.02		.09	.03	.09	.03	.02	.03	T					.06	.06		T.	T	.54	.05	.02	.02	.05	.06	.04	T.				1.23
Donora[1]	Washington	.15	.05		.09	.01	T.	T.	T.	T.	T.	T.				.25	.25	T.	T.	T.	.40	.16	T.	T.	.12	.03	.08	T.					1.59
Greensboro[2]	Greene		T.	T.		.06	T.	.14	.01	T.	T.	T.					.06	.01				.66	T.	T.	T.	T	T.	T.					0.94
Greensburg, 2 S	W'moreland		.10		.20	.01	.06	.11	.02	.04	.08					.03	.09				.45	.22	.01			.19	.09	.03					1.73
Irwin	W'moreland		.13		.18	T.	.04	.07	.05		.06	T.				.01	.13	.02		T.	.30	.41	.01	T.	T.	.12	.08	.03					1.64
Meyersdale[2]	Somerset		.06	.01		.04		.13	.01	T.							.01	T.				.90	T.	.04		.07	.04	.05					1.36
Murrysville[1, 5]	W'moreland	.05	.04		.09		.11	.07		.02							.02				.59	.12				.03	.02						1.16
Pittsburgh Arpt[1, 5]	Allegheny	.09	.09		.13	.02	.06	.07	T.	.02	.01	T.				.02	.04	T.	T.	.01	.53	.04	T.	T.	T.	.11	.07	.01	T.				1.32
Rices Landing[2]	Greene		.01	T.		.10	.03	.14	.06		.02						.02	.03				.53	T.		.01	.02	.01	.02	T.				1.00
Somerset	Somerset		.08		.04	T.	.03	.18	.01	T.	03					.01	.07			T	.55	.22	.18	.10	.01	.16	.28	.18					2.13
Springs[6], 1 SW	Somerset	T.	.04		.06	.02	.05	.13	.05	.07	.05					.04	.05	T.		.04	.59	.10	.08	.02	.06	.10	.13	.07	T.				1.75
Uniontown	Fayette		.01		.16		.03	.21	.04		.04					.08	.09			T.	.36	.18	T.	T.	T.	.08	.04	.05					1.37
Waynesburg	Greene		.03		.17			.16	T.							.07					.50	.15	T				.07					1.15
BEAVER																																	
Beaver Falls[2]	Beaver		.05	T.	.02	.20	T.	.05	05	T.	.10	T.	T.				T.	.02		T.		.50	T.	T.	T	.15	.20	.10	T.				1.44
Butler	Butler		.15		.05			.06	.02		.10						T.			T.	.01	.18	.01		.02	.06	.04	.01					0.71
Farrell[2]	Mercer	T.	.06		T.	.10				.14										.01		.22			T.	.10	.05					0.68
Greenville	Mercer		.04		.04	.05	.03	.05	.02	.03	.06					T.			.01	T.	.09	.12		.03	.02	.10	.01	T.					0.70
Jamestown[2], 2 NW	Mercer		.06	.01	.13	.01	.02	.01	T.	.01	.03	T.					.01		T.	.01		.16		T.	T.	.07	.03	.02	T.				0.58
Mercer Arpt.[1], 2.5 NE	Mercer	.02	.03		16	.06	.12	.07	.07	.17	.08	T.				.01	T	T.	T.	T.	.13	.04	.01	.05	.14	.11	.02	.02	.02				1.33
New Castle[1], 1.5 N	Lawrence	.02	.01		.04	.01	.07	.02	T.	T						T.	T.		T.		.26	T.	T.	T.	04	.04	02	T.				0.53
Pennline, 2, 1 S	Crawford	.02	.08	.02	.09	.03	.01	.02	.01	.08	.09	.01					T.	T.	T.	.04		.11		.02	.02	.11	.03	T.	.04				0.83
OHIO																																	
Claysville[2]	Washington		.04	T.	.04	.12	.03	.05	.07								T.	.06				.38	T.	T.	T.	T.	.02	.09					0.90
Coraopolis[2], 1 E	Allegheny		.08	T.	.05	.04	.01	.08	.03	T	.02	T	T.				T.	.01		T.		.27	T.	T.	T.	.02	.03	.03					0.67
Midland[2]	Beaver	T.	.08	T	.03	.03	.01	.05	.01	T.	T.	T.					.02	T.		T		.27	T.	T.		.02	.08	.01					0.56
Washington[1, 5]	Washington	.05	.01		.11	.02	.07	.03	.02		.02						.06				.43	.06				.03	.09	.05	.03				1.08
LAKE DRAINAGE																																	
Albion[2]	Erie																																
Erie[1, 5]	Erie	.15	T.		.48	.19	.23	.04	.05	.55	.32	T.				.02	.05	T.	T.		.08	.12		.02	.25	.16	.01	.04	.01				2.77
Raymond[1, 5]	Potter																																

[See page 16 for explanation of reference marks.]

Daily Temperatures for February 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	..	..	..	..	12	18	18	21	22	24	31	..	..	..	..	..	..	..	..	25	25	28	22	23	32	33	24	28	..	..	..	$$
	Minimum	22	18	12	18	1	4	7	−1	0	11	17	15	5	12	18	16	25	20	9	10	12	16	14	10	14	12	20	9	..	..	..	12.4
Allentown Arpt.[1-4 NE.	Maximum	40	32	36	40	12	26	40	25	23	32	35	37	42	50	42	38	42	45	31	20	24	26	24	26	37	35	32	32	..	..	..	33.0
	Minimum	25	24	19	9	1	6	17	7	9	19	22	18	16	20	28	26	21	22	17	13	12	12	12	8	17	26	23	16	..	..	..	16.6
Allentown/	Maximum	46	33	37	42	33	28	42	25	26	33	37	38	44	52	43	39	44	46	31	22	28	30	28	30	41	38	34	33	..	..	..	35.8
	Minimum	30	27	20	20	3	3	10	20	9	11	24	23	18	19	24	31	23	24	22	14	15	15	17	11	16	25	25	19	..	..	..	18.5
Altoona-4.5 W.	Maximum	41	32	35	31	9	25	32	18	16	22	32	35	45	52	42	36	35	39	33	24	25	22	23	23	32	30	26	29	..	..	..	30.1
	Minimum	25	19	7	5	−4	3	16	12	5	10	16	16	16	17	24	24	29	22	27	14	12	12	10	10	8	17	23	17	14	..	..	14.6
Arendtsville/	Maximum	42	33	37	35	15	31	41	19	24	31	45	42	16	55	53	44	49	50	33	22	33	33	27	29	38	37	32	37	..	..	..	36.2
	Minimum	24	25	15	18	0	2	14	15	9	19	21	16	17	22	28	34	27	25	23	17	14	15	12	12	21	28	22	16	..	..	..	18.2
Beavertown/	Maximum	40	30	34	34	32	32	35	20	20	27	35	38	45	51	45	38	49	42	31	20	31	24	24	28	35	32	29	32	..	..	..	33.3
	Minimum	28	23	11	16	11	11	25	14	10	12	20	12	11	12	18	30	21	21	20	9	15	16	22	15	16	18	21	10	..	..	..	16.7
Berwick	Maximum	40	32	36	40	22	26	36	33	22	31	35	38	41	48	45	41	45	44	39	28	26	27	26	28	36	34	32	33	..	..	..	34 4
	Minimum	28	24	16	20	−2	6	24	12	7	18	21	15	13	18	28	34	18	22	18	11	16	10	13	10	20	28	22	18	..	..	..	17.3
Bethlehem[1]	Maximum	40	30	35	40	12	26	39	36	24	33	35	38	42	52	42	39	42	44	32	20	25	27	25	28	39	36	31	31	..	..	..	33.7
	Minimum	28	25	20	12	3	8	26	9	10	18	24	23	21	26	34	27	22	26	18	14	17	15	16	14	20	28	25	20	..	..	..	19.6
Blairsville[1-6 NE.	Maximum	34	24	42	45	1	24	23	7	10	17	26	29	38	45	46	30	30	31	26	19	16	17	16	16	25	27	19	24	..	..	..	25.2
	Minimum	20	10	8	−6	−8	−1	7	−5	0	8	13	14	20	25	27	24	20	18	12	11	8	8	6	4	14	20	14	10	..	..	..	10.8
Bradford-4 W.	Maximum	30	27	38	38	9	18	19	17	15	24	29	34	40	46	45	35	33	32	28	24	21	19	19	22	27	26	19	25	..	..	..	27.1
	Minimum	20	16	1	6	−6	1	14	−5	3	13	15	10	0	12	28	25	7	25	10	5	9	7	9	8	17	21	17	12	..	..	..	10.4
Burnt Cabins[1-2 NE	Maximum	42	31	34	34	11	30	40	20	21	28	40	38	47	56	55	40	44	50	32	20	21	26	31	33	36	35	32	36	..	..	..	34.4
	Minimum	18	16	8	2	−2	8	20	8	8	17	19	13	11	14	28	31	18	20	16	12	12	12	13	11	20	23	18	8	..	..	..	14.4
Butler	Maximum	35	32	38	47	12	21	25	20	17	21	26	31	39	50	51	40	32	35	37	32	25	26	25	23	30	32	32	24	..	..	..	30.6
	Minimum	25	20	9	7	−2	6	17	−3	3	15	18	7	10	10	37	28	24	30	14	17	14	13	12	13	19	25	19	16	..	..	..	15.1
Canton/-1 NW.	Maximum	31	26	29	31	10	24	30	11	21	29	30	31	41	45	44	31	39	36	25	16	22	24	23	28	33	30	28	29	..	..	..	28.5
	Minimum	24	16	10	11	−4	−4	2	10	−1	6	15	15	15	17	25	28	13	18	13	7	11	9	11	10	10	22	18	14	..	..	..	12.2
Carlisle	Maximum	50	38	37	36	23	31	42	37	27	35	41	39	46	57	52	42	47	53	44	34	34	31	30	31	39	40	34	37	..	..	..	38.8
	Minimum	28	27	18	23	3	9	26	12	10	18	23	20	19	20	30	37	25	25	23	20	18	13	15	14	23	31	24	20	..	..	..	20.5
Chambersburg[6-1 SW.	Maximum	42	33	37	32	13	30	40	24	23	29	42	41	46	55	51	44	47	50	32	21	37	26	26	30	37	36	30	35	..	..	..	35.3
	Minimum	25	22	14	7	1	8	23	9	10	18	21	19	16	22	27	32	20	21	18	14	15	15	16	13	20	28	22	15	..	..	..	17.5
Clarion[6-3 SW	Maximum	37	25	44	43	9	24	23	19	18	23	29	35	41	50	39	35	33	36	32	25	24	22	22	24	32	33	27	31	..	..	..	29 9
	Minimum	20	18	7	3	−5	2	12	−11	5	13	16	4	3	16	28	28	14	23	13	10	11	10	10	9	18	22	13	13	..	..	..	11.6
Claysville/	Maximum	37	25	50	26	10	26	22	10	16	24	34	37	46	52	38	34	32	36	30	26	25	24	21	28	32	30	27	31	..	..	..	29.6
	Minimum	16	18	8	13	−2	0	9	−5	−2	5	12	8	10	13	28	30	26	26	15	16	14	11	14	10	10	24	18	5	..	..	..	12 5
Coalport/	Maximum	38	27	38	34	10	26	31	7	15	21	30	35	43	49	43	36	35	35	33	16	28	23	22	29	31	31	26	31	..	..	..	29 4
	Minimum	25	20	0	9	−4	−2	9	−7	−2	6	14	4	5	8	27	29	20	22	9	10	12	10	10	9	10	23	15	14	..	..	..	10.9
Coatesville/	Maximum	43	33	38	46	14	33	44	24	25	34	37	40	43	52	48	43	45	45	32	21	29	27	29	30	40	38	34	34	..	..	..	35.8
	Minimum	25	24	14	17	3	3	11	19	9	10	20	18	15	16	21	30	24	22	24	15	16	14	14	3	1	25	22	10	..	..	..	16.2
Columbia	Maximum	48	36	40	40	23	31	44	39	29	30	41	40	46	56	52	46	48	47	44	29	36	30	32	30	44	40	34	36	..	..	..	39.0
	Minimum	27	27	19	23	3	10	28	12	10	10	21	21	17	21	30	34	25	25	25	16	16	15	15	8	20	30	26	11	..	..	..	19 5
Corry	Maximum	27	23	40	43	9	17	18	14	17	23	28	31	39	45	42	30	28	31	21	22	21	19	20	22	27	27	22	26	..	..	..	26.2
	Minimum	21	18	11	4	−2	3	14	0	7	16	16	19	0	17	29	24	10	21	10	2	10	10	11	10	20	22	18	12	..	..	..	12.6
Coudersport	Maximum	32	36	36	34	11	19	23	16	20	26	32	34	44	45	43	36	39	35	29	20	22	25	22	23	32	30	28	29	..	..	..	29 3
	Minimum	23	17	3	8	−6	1	15	−6	2	18	14	10	0	10	28	25	10	23	12	4	9	8	6	10	18	22	18	−1	..	..	..	10.8
Curwensville[1-6 NW	Maximum	33	24	33	34	4	20	21	8	10	18	26	31	39	46	40	30	32	31	26	14	24	18	19	20	28	26	21	26	..	..	..	25.1
	Minimum	18	5	3	−7	−10	−2	1	−8	1	9	12	8	12	23	26	21	16	16	6	6	5	6	7	5	15	17	13	9	..	..	..	8.3
Derry	Maximum	38	34	50	49	8	26	28	18	15	21	34	33	42	51	37	34	33	37	34	21	26	23	23	20	29	31	27	30	..	..	..	30.4
	Minimum	22	20	5	5	−2	5	16	1	7	13	18	10	12	27	31	31	25	28	17	15	13	14	11	10	18	24	19	16	..	..	..	15.4
Donega[1]	Maximum	35	24	47	41	6	22	25	7	12	20	30	32	42	49	40	30	26	35	26	20	20	20	20	19	27	26	23	28	..	..	..	26.9
	Minimum	11	4	1	−4	−6	2	7	−5	2	8	12	3	5	16	28	24	20	19	11	11	8	7	8	5	15	18	13	6	..	..	..	8.9
Donora[1]	Maximum	35	41	32	51	16	23	29	29	14	19	29	35	40	48	55	41	38	38	39	31	24	27	25	23	33	31	28	35	..	..	..	32.5
	Minimum	24	22	17	16	3	7	23	3	5	13	19	17	20	29	34	33	30	31	20	24	18	16	15	13	18	17	21	14	..	..	..	18.6
Eagles Mere/	Maximum	30	27	27	32	7	23	28	15	17	26	30	30	37	43	40	30	35	33	25	21	23	19	25	33	31	25	28	..	..	..	..	27.0
	Minimum	22	15	10	10	−10	−2	−2	8	−3	1	14	15	17	15	28	26	18	13	11	4	4	4	9	6	5	18	15	11	..	..	..	9.9
East Waterford[6-3 E	Maximum	38	31	30	31	4	24	32	17	14	21	32	31	40	52	50	34	37	43	30	19	24	18	20	22	29	27	24	27	..	..	..	28.6
	Minimum	23	17	12	0	−6	0	17	1	3	10	15	16	22	32	33	28	19	22	14	9	11	8	8	7	16	22	16	11	..	..	..	13.8
Ebensburg/	Maximum	36	29	36	22	14	24	27	5	12	17	27	32	39	46	39	31	33	32	30	14	21	18	19	25	27	27	20	26	..	..	..	26.0
	Minimum	21	15	6	21	−7	−1	13	−2	−2	5	11	12	15	25	33	16	19	20	11	12	9	13	8	5	10	20	14	10	..	..	..	11.9
Emporium/-1 E.	Maximum	38	31	38	35	20	24	20	11	21	24	32	39	45	49	42	41	41	37	32	21	27	25	21	28	32	31	32	35	..	..	..	31.1
	Minimum	25	19	7	10	−4	−2	6	−4	−4	11	18	13	6	7	15	15	14	14	15	6	10	10	10	11	11	25	19	15	..	..	..	10.6
Ephrata	Maximum	44	34	37	39	23	30	42	37	26	35	38	40	44	51	46	46	45	46	38	28	30	28	28	30	39	38	33	34	..	..	..	36.8
	Minimum	28	26	18	22	4	9	28	11	11	19	22	22	19	23	31	31	25	25	24	16	17	15	14	11	20	30	24	15	..	..	..	20.0
Erie[1]	Maximum	28	26	48	45	11	20	20	14	24	25	30	32	42	50	45	30	31	34	23	25	23	22	22	20	29	29	24	28	..	..	..	28.9
	Minimum	23	20	16	8	6	7	12	5	13	21	20	24	22	35	30	25	22	18	16	14	15	15	16	15	27	23	21	17	..	..	..	18.1
Everett[1-0.5 SW.	Maximum	42	31	36	35	11	30	37	21	20	24	39	39	47	57	53	36	39	47	31	24	29	25	32	28	34	33	29	32	..	..	..	33.6
	Minimum	24	17	11	2	0	9	19	5	8	16	21	22	13	18	24	31	26	20	15	15	15	15	15	12	22	24	21	12	..	..	..	16.1
Farrell	Maximum	32	30	46	45	10	24	21	18	18	24	28	34	44	52	49	35	32	36	29	24	22	24	22	25	38	33	32	34	..	..	..	30.8
	Minimum	24	17	14	0	0	6	10	0	9	17	12	11	13	27	34	30	29	25	14	15	14	14	15	13	26	24	21	16	..	..	..	16.1
Ford City/-4 S	Maximum	37	27	47	40	11	26	24	10	17	23	32	35	43	49	42	39	32	37	31	20	24	24	22	29	33	32	26	30	..	..	..	30.1
	Minimum	25	20	9	13	−3	0	9	−5	−3	7	15	5	8	9	18	30	24	24	12	13	12	12	12	10	11	24	18	15	..	..	..	12.3
Franklin/	Maximum	33	26	46	27	12	22	20	13	19	25	30	35	45	50	41	34	33	36	29	21	24	22	23	29	32	32	27	31	..	..	..	29.2
	Minimum	25	21	11	18	−1	2	7	1	2	10	16	12	9	9	24	29	19	22	14	12	13	13	13	12	21	25	18	15	..	..	..	14 0
Fredericksville-1 S.	Maximum	45	34	35	40	30	26	41	37	24	31	35	35	42	50	45	40	43	44	42	25	26	27	25	27	38	35	35	31	..	..	..	35.3
	Minimum	23	24	12	23	0	4	14	9	6	16	21	9	12	17	27	32	20	23	20	11	11	12	13	5	18	28	22	13	..	..	..	15.9
Freeland	Maximum	53	25	28	33	18	18	33	24	13	28	30	33	37	49	45	42	38	39	33	19	20	20	20	24	32	29	25	29	..	..	..	29.9
	Minimum	20	17	11	15	−8	−1	15	−2	−1	10	14	15	13	27	31	26	12	19	11	5	10	15	9	7	14	21	16	12	..	..	..	12.8
George School[6]	Maximum	41	34	34	51	24	27	42	35	24	34	36	37	41	45	40	38	45	45	37	25	26	25	26	28	41	37	34	32	..	..	..	35.1
	Minimum	23	25	19	24	1	6	20	8	7	17	20	13	16	22	28	33	21	24	22	14	18	13	15	9	18	27	22	15	..	..	..	17.9
Gettysburg	Maximum	45	40	38	36	22	32	42	37	26	32	42	41	44	55	52	49	47	50	45	30	32	29	29	31	38	37	34	35	..	..	..	38 2
	Minimum	27	28	18	21	3	9	28	12	11	18	23	20	19	24	28	35	27	26	25	15	16	17	18	14	22	30	23	20	..	..	..	20.6
Gordon	Maximum	38	32	34	37	11	25	37	20	21	29	35	35	47	50	45	34	40	43	28	26	26	26	24	29	36	35	30	30	..	..	..	32.2
	Minimum	26	23	10	11	−3	2	20	10	5	15	20	11	5	12	26	32	15	21	17	10	15	11	13	12	21	28	20	17	..	..	..	15.2
Greensburg-2 S	Maximum	37	34	51	47	9	25	28	18	16	22	33	33	45	52	43	35	35	37	46	26	25	23	22	21	32	31	27	30	..	..	..	31.5
	Minimum	16	20	4	8	0	7	12	1	7	15	19	5	8	16	25	32	21	20	17	15	9	15	12	11	20	25	19	13	..	..	..	14.0
Hanover/	Maximum	45	36	40	40	15	32	44	19	25	34	43	40	46	57	51	45	49	47	35	22	35	33	30	31	40	40	34	38	..	..	..	37.4
	Minimum	28	26	18	20	3	4	11	18	10	17	21	22	22	25	30	34	27	25	25	18	15	15	16	12	16	26	20	16	..	..	..	19.3
Harrisburg Arpt. [1-3.5 S.	Maximum	44	35	39	38	13	32	40	22	24	32	39	38	49	53	44	40	41	51	33	21	32	28	27	29	38	36	32	34	..	..	..	35.2
	Minimum	29	24	19	7	3	9	22	12	12	20	23	23	39	48	40	37	38	45	33	21	22	23	26	29	37	34	31	31	..	..	..	19.9
Hawley-0.5 E.	Maximum	36	29	35	39	14	21	37	30	19	32	34	33	39	48	40	37	38	45	33	21	22	23	26	29	37	34	31	31	..	..	..	31.9
	Minimum	23	20	12	12	−2	−2	14	7	6	16	20	14	7	12	24	28	15	19	15	4	13	12	12	2	19	24	22	17	..	..	..	13 8
Hewitt-2 SW.	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	35.3
Holtwood[1]	Maximum	43	35	37	39	15	35	43	25	26	32	38	37	43	52	45	39	43	46	34	25	32	28	28	28	38	36	32	34	..	..	..	20.9
	Minimum	32	28	22	10	6	10	25	12	12	21	21	25	21	25	30	32	28	27	25	18	19	19	17	7	25	30	23	14	..	..	..	34 8
Huntingdon	Maximum	42	32	39	36	20	30	37	21	22	28	37	40	47	56	50	43	43	44	33	25	27	32	27	28	37	34	30	33	..	..	..	17.6
	Minimum	30	24	11	20	2	8	21	8	10	17	17	17	12	18	25	33	24	25	18	13	13	17	15	14	17	23	24	16	..	..	..	

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana 2.5 SE	Maximum	36	33	44	47	9	24	27	16	15	20	31	35	41	48	40	36	34	36	34	24	29	22	20	20	31	30	28	29				29.5
	Minimum	23	20	4	5	2	5	15	−6	6	13	18	2	6	17	25	30	24	29	10	11	13	12	13	10	18	24	17	15				13.5
Irwin	Maximum	40	35	49	48	11	23	26	18	18	20	35	33	40	50	47	35	33	35	34	32	26	26	25	21	39	39	30	32				31.6
	Minimum	26	25	12	11	2	5	18	0	5	12	18	11	11	24	35	31	25	25	15	16	12	14	11	10	19	25	19	14				16.1
Jamestown/-2 NW	Maximum	35	25	46	25	15	25	20	12	23	28	32	35	45	51	43	35	33	38	26	27	25	22	24	30	32	35	25	32				30.1
	Minimum	23	18	11	11	1	2	6	2	−2	10	16	6	5	10	26	27	24	24	9	10	11	10	12	11	11	23	15	13				12.2
Johnstown	Maximum	42	27	45	39	14	30	31	11	16	23	34	37	46	55	46	36	37	37	32	21	27	23	24	30	36	32	26	31				31.5
	Minimum	26	20	9	12	−1	2	25	7	4	15	19	18	15	26	33	32	26	30	19	19	15	15	14	11	14	25	21	17				17.4
Kane[1-1 N	Maximum	29	34	38	39	8	18	19	7	15	23	28	31	40	45	39	32	34	33	27	19	22	20	18	21	27	26	22	26				26.2
	Minimum	21	15	0	5	13	0	−8	6	4	14	10	4	−4	9	27	21	6	14	−1	4	8	8	10	8	20	19	16	−7				6.6
Lancaster	Maximum	48	41	39	40	32	31	43	38	27	35	39	40	45	55	47	45	47	47	47	31	31	29	31	32	41	39	35	35				38.9
	Minimum	25	25	16	24	4	9	25	13	9	18	21	19	16	17	25	31	23	23	24	17	16	14	12	12	18	27	22	9				18.4
Lawrenceville	Maximum	32	30	33	30	13	20	32	21	21	33	34	33	46	47	45	39	41	38	29	21	25	22	26	30	37	32	30	30				31.1
	Minimum	24	13	4	13	−13	2	15	8	3	18	21	15	9	17	27	27	13	21	13	6	12	12	15	13	22	26	21	19				14.1
Lebanon	Maximum	41	33	37	38	13	31	42	21	25	31	38	40	46	55	46	40	45	49	30	30	30	27	29	29	38	36	33	36				35.1
	Minimum	27	25	17	18	2	3	10	12	10	11	23	26	19	20	25	31	24	25	23	15	16	16	14	11	16	26	23	16				17.9
Lewistown/-2 SW	Maximum	44	32	40	32	14	31	39	18	22	29	38	41	47	56	49	58	46	48	35	20	34	26	27	31	37	35	31	35				35.5
	Minimum	30	25	16	15	2	2	12	14	10	11	23	21	17	16	21	26	24	24	21	14	15	15	15	15	14	27	23	19				17.4
Lock Haven[6]	Maximum	42	35	38	35	17	28	35	23	20	28	36	40	46	44	42	40	47	40	37	29	34	28	25	29	36	35	30	35				34.1
	Minimum	27	24	15	17	0	7	23	8	6	18	22	17	15	20	27	34	23	28	20	14	16	14	15	15	22	30	23	20				18.6
Marcus Hook[2]	Maximum	49	38	39	53	27	34	48	27	29	36	41	44	45	54	46	50	52	50	38	25	34	24	34	33	44	42	40	39				39.8
	Minimum	35	31	23	26	7	8	17	26	14	14	23	25	24	25	28	34	27	29	29	19	20	21	20	16	19	28	26	22				22.7
Martinsburg[1, 8]	Maximum	40	29	36	35	7	27	29	17	15	22	33	36	44	54	48	37	36	42	30	18	23	19	20	22	29	28	26	28				29.6
	Minimum	24	13	6	−1	−2	4	14	2	5	12	17	16	17	25	36	27	22	23	16	12	11	12	11	10	19	22	18	11				14.4
Meadville[1-1 S	Maximum	34	27	44	22	11	20	18	13	21	24	28	35	43	46	39	32	31	36	26	22	24	24	21	28	31	33	24	31				28.1
	Minimum	23	18	5	17	−1	0	7	−1	−1	12	17	8	1	4	25	27	15	22	10	9	13	10	12	11	12	23	19	11				11.7
Mercer[1-2.5 NE	Maximum	32	23	43	42	7	20	18	9	15	21	25	33	42	47	42	31	30	34	24	26	20	20	19	24	28	28	22	26				26.6
	Minimum	19	11	8	−2	−3	3	7	−2	6	14	10	10	12	25	28	24	21	18	10	12	11	10	10	10	20	18	14	13				12.0
Middletown[1-1.5 W	Maximum	44	35	38	38	14	33	41	22	26	32	38	38	46	54	42	42	45	50	33	22	31	28	27	30	38	35	32	33				35.2
	Minimum	26	25	18	7	4	9	22	12	12	21	23	22	18	24	29	30	26	26	22	16	18	16	16	16	24	29	24	12				19.5
Midland[6]	Maximum	35	30	44	45	12	26	26	14	19	25	30	36	43	50	40	35	33	36	30	24	25	24	23	25	32	32	26	29				30.3
	Minimum	25	16	12	2	1	8	13	0	9	11	16	12	14	23	33	29	28	24	16	18	14	13	12	12	25	24	19	13				15.7
Montrose 3 E	Maximum	27	24	28	30	9	25	30	14	22	29	29	27	36	42	40	28	32	39	19	19	15	18	20	25	32	29	25	25				26.6
	Minimum	20	15	12	12	−6	−6	2	13	2	4	18	15	11	18	27	25	12	12	11	3	5	9	12	6	7	21	18	14				11.1
Mt. Pocono[1-2 N	Maximum	31	23	28	32	6	20	32	16	14	25	28	28	35	45	45	34	34	38	20	15	16	22	19	22	31	29	26	27				26.5
	Minimum	17	15	8	1	−8	−2	15	0	2	12	15	12	8	20	29	19	12	16	7	4	9	8	8	6	15	20	17	12				10.6
New Bloomfield	Maximum	42	38	36	35	20	30	40	33	23	30	39	39	47	54	49	42	45	50	38	24	36	27	28	32	38	36	32	35				36.4
	Minimum	22	22	9	17	−1	5	24	8	7	16	20	19	11	18	25	33	24	21	18	12	15	13	13	12	20	28	20	15				16.6
Newburg[1-3.5 NW	Maximum	34	24	28	30	10	22	36	20	20	22	32	30	42	48	58	34	37	44	25	12	26	18	23	21	34	28	24	26				29.0
	Minimum	16	12	6	2	0	2	20	4	4	10	16	18	12	18	22	26	20	18	10	8	10	10	8	8	18	20	16	12				12.4
New Castle[6-1.5 N	Maximum	36	27	46	45	12	24	21	13	19	24	31	35	45	51	44	37	32	36	31	23	26	25	23	24	32	32	27	32				30.5
	Minimum	22	16	13	2	0	6	12	1	8	16	11	8	11	23	31	28	23	23	12	16	11	13	12	12	23	23	18	15				14.6
Palmerton[1]	Maximum	38	31	34	36	12	26	38	26	24	32	35	36	41	47	42	39	40	45	29	20	26	29	25	29	38	37	33	32				32.9
	Minimum	25	24	17	7	0	7	19	9	10	20	20	13	14	18	29	27	23	22	15	11	16	13	13	12	21	26	23	16				16.8
Park Place[1-1 NW	Maximum	35	27	29	31	6	22	34	17	16	26	28	29	36	47	43	37	37	40	30	15	20	22	20	25	33	31	26	27				28.2
	Minimum	21	16	11	−2	−8	−1	17	0	2	10	14	15	15	27	31	20	14	20	8	5	8	6	9	7	14	19	15	12				11.6
Phila. Arpt.[1-7 SW	Maximum	43	34	36	54	15	34	43	30	27	35	37	39	42	48	45	42	46	46	37	21	28	29	29	29	40	37	35	34				36.4
	Minimum	30	26	22	10	5	11	24	10	11	20	20	22	22	25	30	30	26	26	24	16	20	16	16	16	20	29	25	20				20.4
Philadelphia C.O.[1]	Maximum	45	34	36	58	15	35	44	33	26	35	38	41	44	48	47	43	47	46	38	24	30	30	29	28	41	38	35	35				37.1
	Minimum	33	29	24	14	6	11	32	12	12	21	25	28	26	31	37	31	26	30	24	19	20	18	19	17	22	30	26	23				23.1
Phila. Shawmont	Maximum	43	34	36	53	33	31	43	39	28	34	37	38	43	49	46	42	46	47	46	31	30	30	30	30	41	38	35	34				38.1
	Minimum	27	30	25	32	6	10	24	10	19	20	24	12	20	23	30	38	27	27	26	18	16	17	24	12	20	32	26	19				21.9
Philipsburg[1-7 E	Maximum	35	25	32	31	5	24	27	13	12	19	26	32	40	46	43	31	34	33	30	15	23	17	18	18	27	26	21	25				26.0
	Minimum	20	10	1	−4	−6	0	9	−4	3	11	15	13	3	13	26	24	18	19	10	8	8	8	8	7	16	19	14	1				9.6
Phoenixville-1.5 SE	Maximum	48	38	39	50	30	32	44	35	27	35	39	41	45	53	50	47	47	48	44	31	31	29	37	36	40	38	35	34				39.4
	Minimum	22	29	17	26	5	8	20	13	10	19	21	13	14	18	27	28	23	22	25	17	18	16	15	2	20	31	22	12				18.3
Pittsburgh Arpt.[1-7.5 SE	Maximum	36	25	49	43	7	27	26	9	15	21	32	35	45	51	42	34	30	36	29	23	24	22	19	21	30	36	24	29				29.1
	Minimum	23	16	14	−2	−2	6	9	−1	5	13	17	19	21	29	31	28	26	23	16	15	14	12	11	10	18	23	17	12				15.1
Pittsburgh City Office[1]	Maximum	39	28	49	44	12	28	28	15	18	24	34	35	46	52	47	37	34	39	32	26	26	24	24	24	33	33	27	32				31.8
	Minimum	26	22	19	3	2	9	15	3	9	15	21	20	21	30	37	31	28	26	19	18	16	16	15	12	24	27	21	17				18.6
Port Clinton/	Maximum	40	31	34	34	12	28	38	21	23	30	35	36	41	50	42	40	42	41	30	20	26	28	26	26	26	37	32	32				32.9
	Minimum	27	26	17	20	2	10	10	18	9	15	22	16	14	18	24	30	23	26	21	11	15	15	15	11	11	20	20	15				17.2
Putneyville/-2.5 SE	Maximum	37	28	45	38	9	23	20	8	15	22	25	34	42	47	41	36	31	35	27	18	25	21	22	27	30	30	24	30				28.2
	Minimum	21	17	6	9	−8	−8	5	−9	−8	3	11	4	4	4	19	26	17	19	9	9	10	9	7	7	7	21	13	12				8.4
Quakertown-0.5 E	Maximum	47	34	35	45	26	27	39	36	24	33	35	36	40	47	44	43	41	45	42	27	25	29	27	26	39	36	39	33				35.7
	Minimum	27	26	17	26	1	5	15	10	8	17	22	15	12	17	26	32	22	23	21	12	15	14	16	5	19	29	24	31				18.1
Reading[1]	Maximum	43	35	37	42	15	32	43	24	27	33	38	41	45	51	46	42	45	46	35	22	29	30	28	30	40	37	34	34				36.0
	Minimum	31	27	22	9	4	10	24	11	11	22	25	24	21	29	35	30	26	29	22	16	18	15	17	14	24	28	25	21				21.1
Ridgway/	Maximum	36	27	42	36	10	23	21	8	17	24	31	37	43	47	42	34	36	34	34	19	30	25	23	27	33	30	26	32				29.5
	Minimum	22	16	1	5	−7	−7	3	−10	−8	4	15	6	0	0	9	25	15	14	5	4	7	7	10	10	12	21	13	10				7.1
Scranton[1]	Maximum	34	27	35	41	12	27	35	19	19	32	32	31	38	47	46	39	36	42	24	24	21	23	22	27	35	32	29	29				30.6
	Minimum	26	21	18	6	−1	7	19	7	7	18	22	19	15	21	32	24	18	22	13	10	14	14	14	13	21	26	24	20				16.8
Selinsgrove	Maximum	41	35	36	37	20	28	38	34	23	31	38	38	44	54	46	41	47	46	39	28	33	27	26	29	37	36	32	35				35.7
	Minimum	25	25	15	19	0	7	25	10	9	19	23	19	13	18	27	30	21	21	19	14	16	15	17	11	24	30	25	19				18.4
Shippensburg	Maximum	43	36	38	34	18	30	40	35	24	30	42	39	48	56	51	41	45	52	39	30	31	25	26	28	35	34	32	34				36.4
	Minimum	28	25	15	18	0	7	27	9	9	16	22	21	16	24	28	34	24	26	21	14	16	14	16	13	21	28	22	19				19.0
Somerset	Maximum	41	31	42	40	5	22	26	15	10	17	32	37	46	50	43	32	30	35	32	24	24	21	18	17	19	26	25	22				28.1
	Minimum	15	16	4	1	−6	0	15	−8	1	−3	7	2	5	13	23	28	21	21	11	11	6	10	9	6	14	19	14	11				9.2
Springs[6-1 SW	Maximum	40	28	40	40	1	25	28	15	8	16	28	34	43	48	45	30	27	35	29	21	19	16	17	18	24	28	20	27				26.6
	Minimum	18	11	3	−2	−8	−2	15	−6	0	7	14	10	8	20	28	27	22	22	9	9	10	10	9	5	13	19	13	9				10.5
State College[1]	Maximum	40	29	36	35	8	27	31	18	18	23	31	37	44	51	47	34	38	37	31	19	28	22	21	22	33	30	26	30				30.2
	Minimum	27	20	13	−1	−3	7	18	4	8	16	19	19	20	25	31	30	22	23	18	12	15	18	12	15	18	24	19	16				16.4
Stroudsburg 2 E	Maximum	48	38	34	41	33	26	42	38	25	35	38	38	45	50	43	39	45	49	45	31	27	32	27	30	39	38	34	36				37.4
	Minimum	22	21	15	25	−2	2	13	8	8	19	23	12	12	17	27	32	18	19	19	9	11	15	13	8	20	24	22	18				16.5
Tamarack/-2 S	Maximum	36	27	30	30	5	19	24	13	14	23	31	36	42	48	42	30	39	32	28	14	25	23	19	26	28	27	22	29				27.0
	Minimum	21	15	7	8	−8	−8	0	1	−2	2	13	13	16	16	25	26	13	13	9	4	4	7	6	6	20	14	11	1				9.1
Tionesta/-1.5 SE	Maximum	32	24	42	24	9	20	17	13	17	23	29	37	44	47	38	33	32	35	29	20	22	21	20	25	30	26	30	29				27.4
	Minimum	24	19	6	12	−3	−1	7	−10	−6	10	17	7	2	6	19	26	15	17	12	3	12	10	8	10	10	23	18	10				10.1
Titusville-2 S	Maximum	27	27	39	39	10	19	17	11	15	21	29	34	44	47	44	30	28	32	24	20	19	18	18	20	26	25	29					26.4
	Minimum	22	12	7	4	−4	2	11	−5	6	13	15	13	3	25	30	26	10	24	9	6	10	8	10	9	18	21	15	11				11.8
Towanda-1 E	Maximum	35	30	33	37	16	24	36	23	24	34	35	33	45	49	44	43	40	44	31	22	25	21	28	30	39	35	33	32				33.0
	Minimum	26	19	13	15	−3	5	21	8	6	18	22	20	10	17	28	27	15	19	15	5	13	13	16	13	22	26	23	20				16.1
Tunkhannock/	Maximum	34	29	35	41	13	29	37	19	28	33	33	32	42	48	44	32	38	45	26	22	22	25	27	33	37	34	34	31				32.2
	Minimum	26	19	12	19	−1	4	8	14	6	12	21	11	7	13	18	30	17	17	15	5	11	12	15	10	16	25	21	19				14.4
Uniontown	Maximum	41	36	53	46	10	27	29	20	17	23	36	38	48	52	45	37	34	38	36	29	26	25	25	23	32	33	29	34				32.9
	Minimum	20	20	12	8	−1	6	20	1	1	13	20	12	15	23	34	32	29	28	20	19	15	15	15	12	19	25	20	13				16.6

Continued on page 16.

Daily Temperatures for February 1947—Continued from page 15.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum	37	31	48	46	12	26	28	12	18	24	33	36	43	50	43	40	34	40	31	22	29	26	23	23	35	36	28	34	....	....	....	31.7
	Minimum	28	11	12	3	0	7	8	1	9	15	18	10	13	22	32	32	27	25	17	16	16	15	15	12	22	27	20	18	....	....	....	16.1
Warren	Maximum	34	28	41	38	14	20	21	10	20	25	33	36	45	48	39	32	32	37	22	24	25	25	27	23	30	30	25	30	....	....	....	29.1
	Minimum	23	18	11	14	− 4	3	7	2	7	17	16	19	5	15	29	22	11	20	12	4	11	10	12	10	20	21	19	12	....	....	....	13.1
Waynesburg	Maximum	40	34	49	47	6	24	28	9	15	24	34	38	47	53	48	34	33	36	35	25	26	24	22	22	29	28	26	33	....	....	....	31.0
	Minimum	17	18	8	5	− 2	4	9	− 2	5	11	17	9	11	21	32	30	25	27	14	17	14	11	14	9	17	22	18	7	....	....	....	13.9
Wellsboro/	Maximum	34	27	32	31	10	24	29	20	24	29	33	35	46	47	44	30	42	36	30	17	24	23	24	29	33	32	28	31	....	....	....	30.1
	Minimum	26	16	8	9	− 6	6	3	7	2	8	17	11	7	8	15	26	13	13	11	6	7	9	13	10	10	25	20	15	....	....	....	10.8
Wellsville	Maximum	44	38	38	38	22	30	41	38	25	32	40	38	45	54	48	43	45	48	40	30	32	28	26	29	38	36	32	34	....	....	....	36.9
	Minimum	21	26	14	20	0	5	25	10	10	11	20	15	14	20	25	34	26	20	23	15	16	15	16	3	18	29	22	− 1	....	....	....	16.9
West Chester	Maximum	44	35	38	48	23	32	44	36	26	34	38	39	44	51	45	43	46	45	40	28	29	30	29	31	40	38	35	34	....	....	....	37.3
	Minimum	28	26	19	20	3	8	26	9	10	18	20	22	20	27	32	33	24	25	26	16	14	14	16	9	19	29	21	15	....	....	....	19.6
Wilkes-Barre[1] Apt. 3N.	Maximum	40	34	33	40	15	24	36	31	21	33	37	33	41	47	46	39	40	43	28	23	21	29	24	27	38	36	31	32	....	....	....	33.0
	Minimum	26	22	18	8	− 2	7	22	10	8	18	22	18	12	18	29	27	21	20	14	11	16	14	14	14	21	27	25	17	....	....	....	17.0
Williamsport Arpt.[1] 4 E	Maximum	40	30	34	35	12	27	36	21	20	31	36	37	44	44	41	37	44	41	32	21	27	27	24	29	37	34	31	33	....	....	....	32.3
	Minimum	27	23	16	4	1	8	21	8	10	19	22	19	14	18	28	27	21	27	15	13	16	13	15	15	22	25	23	17	....	....	....	17.4
Williamstown	Maximum	40	37	36	37	20	26	38	35	20	28	37	37	44	54	49	45	44	42	39	30	29	27	25	27	36	33	30	32	....	....	....	34.8
	Minimum	29	24	13	19	0	5	23	9	7	16	22	21	11	18	29	33	22	24	20	12	15	12	15	13	22	27	22	17	....	....	....	17.9
York-3 SW	Maximum	54	41	41	41	29	32	47	39	25	34	44	42	48	57	51	44	47	47	45	32	34	32	29	29	39	38	35	37	....	....	....	39.8
	Minimum	32	27	17	21	2	8	25	13	3	18	13	16	16	22	28	35	26	22	25	16	16	14	16	7	19	30	20	16	....	....	....	18.7

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.55	12	29.36	6	11.2	31	w.	9	85	79	85	18	1163
Harrisburg	30.52	12	29.42	7	11.2	34	nw.	4	68	52	57	69	1049
Philadelphia	30.49	12	29.29	4	9.7	25	ne.	20	79	56	64	74	978
Philipsburg	30.50	12	29.36	7	.....	48	w.	9	87	68	77	....	1319
Pittsburgh	30.54	12	29.40	6	13.4	31	sw.	9	79	67	69	47	1204
Reading	30.51	12	29.39	4	15.5	37	w.	9	64	.....	.....	68	1018
Scranton	30.52	12	29.34	22	9.1	22	nw.	29	78	64†	....	51	1157

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. ▪ One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.5	7.0	1	2.0	23	18
Easton	Delaware	3.8	10.2	1	1.6	24	22
Lehighton	Lehigh	3.7	5.2	1	3.1	28	9
Reading	Schuylkill	5.0	9.0	1	3.3	21	13
Wilkes-Barre	N. Br. Susquehanna	5.2	12.8	1	2.7	25	22
Williamsport	W. Br. Susquehanna	3.1	7.8	1	1.1	22	20
Newport	Juniata	4.6	5.8	1	3.6	22	22
Harrisburg	Susquehanna	5.4	7.0	2	4.1	20	17
Schenley, (nr) Lock No. 5.	Allegheny	14.4	20.5	1	12.7	26	24
Sutersville	Youghiogheny	5.0	6.3	7	3.9	28	20
Charleroi (nr.), Lock No. 4	Monongahela	12.7	16.0	1	11.6	24	30
Pittsburgh	Ohio	*	*	....	*	.....	25
Midland, Dam No. 7	Ohio	*	21.4	1	*	.....	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																															
Fog, heavy															3					3											
Frost, killing															3	3															
Glaze		2																													
Hail																															
Rain, heavy																															
Sleet		10																		18											
Snow, heavy																															
Thunderstorms																															
Winds, high	11	3	2	9	2	5	7	14	3	14	2	3	5	12			4		6	3	10	22	4	0	2	6	21	15	21	21	7

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.

(W. B. O., Philadelphia—5-3-47—975)

51.05
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LII. MARCH 1947. No. 3.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM: (NOT STAMPS).
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GENERAL SUMMARY.

March this year came in like a lion and continued to act accordingly except for a few lamb-like days in the middle of the month and the very last day. It was, in all, unpleasant, quite unlike the warm March weather of 1945 and 1946. This was the coldest and driest March since 1941 and was the coldest month of the season. The wind was, however, the greatest culprit among the meteorological elements in making the month unpleasant.

Precipitation was only 65% of normal, making this the 7th driest March of record. Owing to the cold, however, snowfall was 62% above normal, and in northwestern counties was as much as three times normal. There were three general storms, spaced rather evenly apart. The storm of the 1st to 3d was due to overrunning in advance of a warm front and resulted in the heaviest snowfall, followed by high winds after the passage of a cold front, causing drifting and the resulting blocking of roads. Around the 13th, some of the heaviest rains occurred, connected with a complicated frontal and isobaric system in which the moisture source was the Gulf of Mexico. But the most violent storm was that of the 23d to 26th. This was an intense depression, with accompanying fronts, which moved northeastward across the State. It had a large variety of associated phenomena, including thunderstorms, a drop in temperature of the order of 30 degrees in 24 hours, and high winds. This was probably the most widespread and violent storm of recent years.

Wind damage was reported from every part of the State on the 25th, velocities of 60 and 70 miles per hour not being unusual. Reports of unroofed buildings and other damage to property were so numerous that space cannot be given to list more than a few. On March 24th, at Curwensville, during a thunderstorm, a transformer of a power line was struck by lightning. At Philipsburg, electric and telephone wires were snapped during a thunderstorm and high wind. At Indiana, electric power was off for two and a half hours due to the same reason. On March 25th, Pittsburgh and vicinity suffered millions of dollars damage due to high winds up to 90 miles per hour, which unroofed many buildings and shattered plate glass windows. At Harrisburg, two persons were injured, one critically, when struck by tile ripped off a building by the wind. Many windows were smashed, buildings unroofed, and chimneys blown over. Telephone poles were ripped off, trees felled, and power lines knocked out by gusts up to 60 miles per hour. In Philadelphia, a two year old girl was critically injured when thrown to the pavement by the wind. At Vandergrift, one man was killed by a high tension wire when he tried to remove a tree which was blown across his automobile.

Temperatures were below normal on all but six days. Nighttime temperatures were nearer normal, but the mean equaled that of March 1941 and 1892 as the 6th coldest of record. An unusual feature was the absence of any temperatures as high as 70°. Sunshine was above normal in the eastern counties and generally below normal in the western part, especially in the northwest of the State.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 85 stations was 31.8°, which is 5.9° below the 60-year normal for March. The highest monthly mean was 40.6° at Marcus Hook, and the lowest was 25.0° at Kane. Extremes ranged from a maximum of 67° at York on the 14th, to a minimum of −8° at Kane on the 1st.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 208 stations, was 2.27 inches, which is 1.23 inches below the 60-year normal for March. The greatest monthly amount was 4.93 inches at Mount Pocono, while the least was 1.07 inches at Midland. The greatest amount recorded in any 24 consecutive hours was 2.41 inches at Portland on the 13-14th.

The average snowfall for the State was 12.6 inches, which is 4.8 inches above the 60-year normal. The greatest monthly snowfall was 56.0 inches at Corry. The greatest fall for any observational day was 25.0 inches at Pleasant Mount on the 2-3d.

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	31.2	72	−6	3.55	9.9	11	6	10	13
1889	39.0	76	4	2.90	3.1	9	10	8	15
1890	33.2	76	−21	5.15	17.5	16	6	10	15
1891	33.8	60	−14	5.10	15.8	14	7	8	16
1892	31.8	66	−4	4.14	18.8	12	11	7	13
1893	34.8	74	3	2.52	4.8	11	9	9	13
1894	43.2	84	−2	1.63	1.3	8	12	11	8
1895	33.8	70	−4	2.31	9.0	11	10	10	11
1896	30.6	69	−18	4.51	21.1	11	11	8	12
1897	39.0	75	−5	3.22	3.4	13	11	7	13
1898	44.0	83	4	4.31	3.6	12	10	8	13
1899	36.3	75	3	4.87	7.9	14	5	9	17
1900	31.2	66	−23	3.61	13.1	10	10	9	12
1901	37.4	80	−11	4.14	3.3	13	7	10	14
1902	41.3	78	2	3.98	12.6	11	10	9	12
1903	46.4	83	14	4.52	0.1	11	10	7	14
1904	36.0	80	−2	4.29	4.7	12	9	8	14
1905	39.0	86	−18	3.86	4.1	11	12	8	11
1906	31.7	68	−13	4.46	20.4	14	8	7	16
1907	41.8	92	−10	4.26	9.3	12	11	8	12
1908	40.7	83	−4	4.76	3.7	12	11	8	12
1909	35.6	74	−5	3.07	7.3	12	10	9	12
1910	44.9	88	5	0.56	1.0	5	15	10	6
1911	35.0	73	−18	2.57	10.1	13	11	8	12
1912	33.6	72	−8	5.05	6.9	13	10	8	13
1913	42.1	81	−7	5.27	2.1	13	9	8	14
1914	34.2	79	−12	2.61	13.4	10	10	8	13
1915	32.9	62	−4	1.28	9.5	7	15	8	8
1916	30.7	84	−31	4.12	17.6	12	12	8	11
1917	37.3	84	−12	3.68	12.7	14	11	8	12
1918	41.6	82	0	2.34	1.5	8	17	7	7
1919	41.1	79	6	3.57	2.4	10	15	7	9
1920	38.7	80	−11	2.83	6.4	9	16	7	8
1921	48.0	88	7	3.33	1.0	14	12	9	10
1922	40.0	81	−5	4.37	6.1	14	11	6	14
1923	37.0	80	−8	2.49	6.2	11	13	8	10
1924	36.1	78	3	2.83	10.3	9	12	9	10
1925	40.9	79	−15	2.56	2.2	10	14	6	11
1926	33.1	79	−16	1.91	4.0	10	14	8	9
1927	42.0	82	−6	2.61	0.7	10	13	7	11
1928	37.0	82	−3	3.24	14.5	11	12	9	10
1929	43.7	89	−5	2.69	4.4	12	12	8	11
1930	37.9	78	−9	3.03	4.9	10	13	7	11
1931	36.3	69	10	2.96	6.6	11	8	7	16
1932	33.4	72	−8	4.41	14.7	11	10	8	13
1933	36.6	79	−7	5.33	5.6	14	8	7	16
1934	34.9	78	−22	2.96	7.7	12	12	7	12
1935	42.8	83	−6	2.62	2.9	12	11	7	13
1936	42.6	84	−3	6.84	7.4	15	9	7	15
1937	34.2	67	−3	2.00	8.3	10	11	8	12
1938	42.7	87	−5	3.19	2.0	14	10	8	13
1939	38.6	85	−10	3.59	3.8	12	11	8	12
1940	32.4	76	−13	4.89	7.9	14	8	7	16
1941	31.8	67	−10	2.10	18.0	9	13	7	11
1942	40.0	76	4	4.47	16.1	13	9	8	14
1943	37.2	85	−15	2.74	7.2	10	11	9	11
1944	34.4	79	−6	4.69	11.8	14	8	9	14
1945	48.0	91	5	3.88	2.1	14	13	8	10
1946	47.1	84	6	3.18	0.3	11	13	7	11
1947	31.8	67	−8	2.27	12.6	12	7	10	14
Period	37.7	92	−31	3.50	7.8	12	11	8	12

Climatological Data for March 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. [9]-4 NE	Lehigh	384	6	34.5	−3.2	62	14	10	1	2.67	−1.88	1.03	1-2	5.5	10	6	14	11	w.	U.S. Weather Bureau.
Altoona-4.5 W	Blair	1,500	61	30.3	−7.1	57	23	9	1	1.35	−1.87	0.28	24-25	9.9	11	7	17	7	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	5	32.0	.....	64	14	3	1	1.65	.....	0.55	2	10.0	9	8	5	18	w.	Penna. Turnpike Comm.
Canton-1 NW	Bradford	1,450	7	28.7	.....	56	23	9	1	2.61	.....	0.80	13-14	13.7	9	16	4	11	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	37.7	−1.1	66	14	10	1	2.01	−1.51	0.75	13-14	8.0	9	12	10	9	nw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	51	34.8	−5.2	63	14†	10	1	2.28	−0.98	1.00	13-14	7.0	8	9	16	6	nw.	Charles A. Bender.
Coatesville	Chester	431	59	34.8	−5.1	65	14	7	1	2.40	−1.73	1.03	13-14	3.3	8	16	6	9	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	4	26.0	.....	51	24	4	28	2.97	.....	0.57	13-14	20.5	19	1	6	24	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	5	27.0	.....	52	24	10	19†	3.80	−0.89	0.99	1	15.4	10	5	14	12	w.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	9	29.5	.....	57	14†	13	26	2.30	−1.19	0.83	1-2	15.3	13	3	10	18	w.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	60	29.5	−5.8	58	23	4	28	2.02	−1.62	0.57	13-14	8.7	12	4	7	20	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	49	37.2	−3.1	64	14	12	1	1.98	−1.48	0.70	1-2	4.0	7	13	11	7	w.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	24	32.2	−7.4	62	14	12	1	1.50	−1.80	0.45	13-14	6.0	9	6	7	18	n.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	53	29.4	−3.6	54	15	12	1†	3.12	−0.84	....	....	13.4	8	6	4	21	w.	Andrew B. Evansha
George School	Bucks	184	40	35.4	−5.2	64	14	9	1	2.30	−1.15	0.74	1-2	2.7	9	14	12	5	w.	George M. Hart.
Gettysburg	Adams	500	73	37.2	−3.3	64	23	10	1	1.79	−1.54	0.76	13 14	4.4	7	12	15	4	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	32.0	−4.8	61	14	1	1	3.32	−0.63	1.24	13-14	16.0	10	11	7	13	w.	Miss Sallie M. Johnson.
Hanover	York	600	42	36.6	−5.4	65	14	15	1	1.64	−1.76	0.56	13-14	3.5	8	11	13	7	w.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	77	36.6	−2.3	65	14	12	1	1.37	−1.67	0.62	13-14	3.6	12	3	13	15	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	36	31.0	−3.4	59	14	−1	1	2.70	−0.49	1.56	2	18.4	12	12	13	6	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	31	36.4	−4.8	62	14	14	1	1.28	−1.81	0.32	24-25	3.0	8	9	13	9	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	33.7	−5.0	60	15†	8	1	1.71	−1.84	0.64	1-2	9.3	7	4	9	18	nw.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	59	36.8	−3.1	65	14	6	1	1.74	−1.75	0.60	1-2	4.0	8	9	14	8	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	49	31.4	−3.3	57	24	8	1†	1.65	−0.78	0.75	2	16.6	9	10	10	11	....	Carlos P. Darling.
Lebanon	Lebanon	469	62	35.7	−3.5	64	14	14	1	1.67	−1.96	0.55	13-14	6.0	7	17	6	8	w.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	8	33.4	.....	63	23	10	1	1.93	.....	0.61	13-14	10.0	9	9	9	13	w.	American Viscose Co.
Lock Haven	Clinton	557	55	34.4	−4.1	60	23	10	1	2.53	−0.95	0.87	13-14	12.4	11	8	9	14	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	40.6	−4.3	65	13	26	1	1.86	−1.80	0.60	13-14	3.0	8	6	13	12	nw.	Sun Oil Co.
Martinsburg[8]	Blair	1,493	4	30.5	....	57	23	5	1	1.31	.....	0.47	24-25	7.3	12	1	9	21	nw.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	41	27.3	−4.6	53	14	10	8†	4.46	+1.66	2.21	2-3	29.2	15	5	3	23	nw.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	5	27.2	−4.7	54	14	5	1	4.93	−1.07	1.60	2	18.1	14	3	14	14	w.	U. S. Weather Bureau.
Palmerton	Carbon	455	28	33.8	−4.5	60	14	8	1	3.94	+0.85	2.04	13-14	6.6	10	10	14	7	sw.	New Jersey Zinc Co.
Philadelphia C. O	Philadelphia	26	76	39.0	−1.8	65	14	26	27	2.19	−1.20	0.91	1-2	2.5	11	9	13	9	w.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	4	26.2	.....	55	24	−5	1	2.37	.....	0.59	13-14	11.9	18	1	9	21	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	37	38.4	−2.9	66	23	4	1	2.55	−1.10	0.80	2-3	6.1	8	9	15	7	w.	Phila.-Suburban Water Co.
Port Clinton‡‖	Schuylkill	407	8	33.0	−5.5	61	14	9	1	2.77	−1.10	1.38	13-14	7.0	8	19	3	9	.....	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	61	35.4	−2.1	62	14	17	19†	2.67	−0.98	0.94	1-2	3.7	8	9	13	9	w.	John E. Benner.
Reading	Berks	273	76	37.6	−3.0	64	14	15	1	2.76	−0.76	0.95	24-25	5.5	9	5	12	14	w.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	33.0	−2.7	60	14	11	1	2.75	−0.45	1.12	2-3	11.7	11	2	15	14	nw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	56	35.0	−3.7	63	23	10	1	1.98	−1.71	1.16	13-14	4.5	8	9	12	10	w.	Dr. Merle V. Hoover
State College	Centre	1,217	61	32.0	−4.3	56	23	12	1	2.05	−1.31	0.56	2	17.2	12	3	17	11	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	27	34.4	−2.6	62	14	5	1	4.31	+0.53	1.83	13-14	5.9	10	6	8	17	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	6	26.6	.....	54	23	11	1†	2.46	.....	0.64	13-14	17.3	13	1	13	17	w.	James E. Swartz.
Towanda-1 E	Bradford	754	52	32.6	−2.6	60	14	7	1	1.88	−0.79	0.76	2-3	10.1	9	3	13	15	w.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	76	28.6	−4.3	63	23	3	8†	2.14	−0.85	0.82	2-3	18.2	12	5	11	15	w.	M. S. Bliss.
West Chester	Chester	440	97	37.0	−2.3	65	14	15	1	2.73	−1.22	1.00	13 14	5.0	10	9	16	6	nw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N	Luzerne	544	8	33.8	.	63	14	9	1	2.33	.	0.78	2-3	6.5	10	2	15	14	sw.	U. S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	2	33.4	....	60	23	11	1	2.22	.....	0.83	13-14	8.9	10	2	14	15	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	30	33.8§	−5.0	63	14	6	1	1.80	−1.45	0.68	13-14	6.0	6	....	....	....	....	Gordon E. Lower.
York-3 SW	York	390	58	36.9	−4.0	67	14	5	1	2.27	−0.73	0.95	13-14	3.5	9	11	9	11	w.	York Water Co.
Division mean			....	**33.2**	.....	**67**	**14**	**−5**	**1**	**2.38**	.....	**2.41**	**13-14**	**9.4**	**10**	**8**	**11**	**12**	w.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	11	28.0	.....	57	23	12	26	1.27	−2.42	0.45	21-22	25.5	15	1	4	26	w.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	29	26.0	−9.0	52	23	−3	1†	4.06	+0.75	0.70	24-25	51.5	20	1	9	21	nw.	City Water Dept.
Brookville Apt.-1.5 SW	Jefferson	1,400	56	....	.....	....	....	....	....	....	.....	....	....	....	....	....	....	....	....	Civil Aeronautics Authority
Butler	Butler	1,077	33	31.6	−6.5	57	24	12	1†	1.46	−2.08	0.35	1-2†	15.4	15	9	8	14	nw.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	36	28.8	.....	53	12†	3	1	2.20	−1.62	0.54	13-14	17.8	18	2	7	22	w.	Penna. Electric Co.
Claysville	Washington	1,170	43	31.2	−9.5	60	23	11	1	1.35	−2.28	0.63	13-14	4.4	12	5	6	20	nw.	Walter B. Paget.
Corry	Erie	1,410	32	27.4	−5.6	50	23	1	1	4.13	−0.65	0.64	25-26	56.0	20	4	13	14	nw.	Geo. R. Mulderick.
Coudersport	Potter	1,653	22	27.0	−6.5	54	23	1	8	2.65	−0.72	0.61	1-2	21.0	11	7	8	16	ne.	Potter Enterprise.
Derry	Westmoreland	1,150	49	32.3	−7.7	57	24	6	1	1.73	−2.38	0.35	24-25	6.6	11	8	13	10	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	27.1	.....	56	23	1	1	3.11	.....	0.46	14	32.1	15	3	21	7	w.	Penna. Turnpike Comm.
Donora	Washington	761	20	35.1	−7.5	61	23	18	1	2.21	−1.46	1.17	13-14	0.8	9	5	8	18	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	27.6	−7.9	52	23†	10	1	1.85	−2.64	0.32	1-2	7.5	18	2	15	14	nw.	John L. McGough.
Farrell	Mercer	855	33	33.3	−4.7	59	23	14	28	1.89§	−0.92	0.31	24-25	8.0	12	13	13	5	ne.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	3	30.0	.....	57	23	8	1	1.62	.....	0.58	13-14	11.7	13	10	8	18	w.	U.S. Engineers.
Franklin	Venango	987	72	28.8	−6.6	54	23	7	28	2.67	−0.76	0.47	25-26	30.0	13	9	7	15	n.	William K. Fuller
Greensburg-2 S	Westmoreland	1,160	37	31.6	−8.4	60	24	1	1	1.72	−1.91	0.41	13-14	9.1	12	6	3	22	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	45	30.6	−8.2	55	24	4	1	1.51	−2.41	0.34	24 25	12.9	11	4	18	9	nw.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	5	29.2	.....	58	23†	3	28	1.69	−1.15	0.34	23-24	.....	13	....	....	....	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	32.7	−6.5	58	31	9	1	2.24	−1.98	0.72	25-26	19.0	17	5	9	17	sw.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1,750	31	25.0	.....	50	23	−8	1	2.91	−0.90	0.57	25	34.4	20	1	3	27	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	52	28.4	−6.4	55	23	3	28	2.54	−0.66	0.44	25-26	41.4	17	1	8	22	nw.	City of Meadville.
Midland	Beaver	780	10	33.0	−7.0	58	24	18	5†	1.07	−2.53	0.28	13-14	8.0	8	7	5	19	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	66	31.6	−5.5	57	23	13	28	1.15	−1.94	0.34	24	3.2	14	3	11	17	nw.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,286	13	32.6	−4.6	58	23	16	26	1.51	−1.52	0.46	24-25	4.5	11	3	6	22	w.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	3	27.2	.....	55	23	4	1	2.31	.....	0.68	13-14	11.7	16	6	3	22	sw.	U. S. Engineers.
Ridgway	Elk	1,385	39	25.6	−7.7	53	23	−5	28	2.06	−1.08	0.37	13-14	11.6	18	1	8	22	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	27.8	−8.1	55	31	−7	1	1.77	−2.49	0.26	13-14	20.1	17	3	5	23	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	27	26.6§	−9.3	54	31	−1	1	2.27	−1.43	0.55	25	20.3	19	3	6	22	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	9	27.4§	.....	52	24	3	1	2.15	−1.33	0.34	13-14†	21.5	17	4	3	24	nw.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	3	27.0	.....	51	24	3	1	2.30	.....	0.39	24-25	13.5	17	1	16	14	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	58	34.8	−6.8	59	31	14	28	1.57	−2.43	0.40	25	7.0	17	4	11	16	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	32	33.6	−6.4	60	24	12	1	2.35	−0.88	0.45	14	.....	13	11	8	12	....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	58	29.2	−5.3	54	22	5	1†	3.14	−0.13	0.80	25-26	19.2	19	11	14	6	sw.	Merrell L. Jordan.
Waynesburg	Greene	1,100	17	32.7	−8.2	60	24	11	1	1.40	−2.65	0.55	13-14	2.0	7	4	15	12	w.	Thomas S Knox.
Division mean			....	**29.7**	.....	**61**	**23**	**−8**	**1**	**2.12**	.....	**1.17**	**13-14**	**17.6**	**14**	**5**	**9**	**17**	nw.	
Lake Drainage																				
Albion	Erie	900	3	29.3	.....	56	25	13	28	2.98	.....	0.44	24 25†	.....	20	7	14	10	w.	Albion High School
Erie	Erie	705	73	31.6	−1.9	57	23	18	26	1.87	−0.75	0.46	25-26	20.0	15	2	8	21	w.	U. S. Weather Bureau.
State mean			....	**31.8**	**−5.9**	**67**	**14**	**−8**	**1**	**2.27**	**−1.23**	**2.41**	**13-14**	**12.6**	**12**	**7**	**10**	**14**	w.	

[See page 24 for explanation of reference marks.]

Daily Precipitation for March 1947

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	....	.03	1.20	....	....	....	....	....	....	.03	T.	....	....	.76	.26	....	....	.10	T.	....	....	.10	.03	.04	.63	....	....	....	....	.03	....	3.08
Equinunk[2]	Wayne	....	.18	2.35	.08	T.	....	....	....	....	....	....	....	....	.68	.18	....	....	T.	....	....	....	.18	T.	.06	.37	.06	....	....	T.	....	....	4.27
Hawley[2], 0.5 E	Wayne	....	.21	1.56	.10	....	T.	....	T.	T.	T.	T.	....	....	.27	.01	T.	T.	.01	....	....	....	.14	.01	T.	.31	.03	1	.01	....	.04	....	2.70
Hollisterville[2]	Wayne	....	.22	1.56	.14	T.	....	....	T.	T.	T.	T	....	....	.57	.09	....	1	.07	....	....	....	.12	.03	.15	.31	.13	....	T.	....	.10	....	3.49
Lakeville[2], 1 N	Wayne	T.	.32	2.09	.02	T	T.	T.	T.	T.	T.	....	T.	....	.32	.19	T.	T.	T.	T.	....	....	*	.29	.20	.18	T.	T.	T.	T	T.	....	3.61
Matamoras[2]	Pike	....	.18	1.61	....	....	....	....	....	....	....	....	....	....	.62	.19	....	....	....	....	....	....	....	....	.07	.58	.09	....	....	....	....	....	....	3.34
Milanville[2]	Wayne	....	.19	1.50	T.	....	....	....	....	....	....	....	....	....	.56	T.	....	....	....	....	....	....	.08	T	T.	.32	T	T.	....	....	.12	....	....	2.77
Mount Pocono[1], 2 N	Monroe	.27	1.60	.20	.02	T.	T.	T.	....	T.	T.	T.	....	.56	1.01	T	....	.03	T.	....	....	.05	.16	.05	.07	.78	.04	T.	....	.09	T.	....	4.93
Pecks Pond[2]	Pike	....	.27	1.03	T.	T.	....	....	....	....	....	....	....	....	1.12	T.	....	....	T.	....	....	....	.11	....	.04	.92	.05	....	....	....	.07	....	....	3.61
Pleasant Mount[1,5], 1 W	Wayne	.11	1.31	.30	....	....	....	....	....	....	....	....	....	.35	.48	....	....	.03	....	....	....	.04	.18	.10	.61	.58	.02	....	....	.05	....	....	4.16
Stroudsburg, 2 E	Monroe	T.	.96	.65	....	....	....	....	....	....	....	....	....	T.	1.83	....	T.	T.	....	....	....	....	.06	.01	.05	.68	.02	....	....	.03	.02	....	4.31
Tanners Falls[1,5], 1 SE	Wayne	.08	1.07	.10	....	....	....	....	....	....	....	....	....	.47	.63	....	....	....	....	....	....	....	.11	.02	....	.44	....	....	....	.05	....	....	2.97
Wind Gap[1,5], 3 SW	N'rthampton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
LEHIGH																																	
Allentown Air[1,5,9], 4 NE	Lehigh	.13	.92	.08	....	....	....	....	....	T.	....	....	....	40	.28	T.	T.	T.	T.	....	....	.02	.16	.03	.16	.49	T.	....	....	T.	....	....	2.67
Allentown[2]	Lehigh	....	.35	1.03	....	....	....	....	....	....	....	....	....	....	.98	.01	T.	..	T.	....	....	....	.16	.01	.05	.62	T	....	....	....	T.	....	....	3.21
Bethlehem[1]	N'rthampton	.07	.84	....	....	....	....	....	....	....	....	T.	....	.62	.53	.01	....	T.	....	....	....	.03	.17	.02	.12	.45	....	....	....	....	....	....	....	2.86
Blakeslee Corners[1,5]	Monroe	.05	.96	.26	....	....	....	....	....	....	....	....	....	.32	.80	....	....	....	....	....	....	.01	.30	....	.12	.31	.07	....	....	.03	....	....	....	3.23
Gouldsboro[2]	Wayne	....	.19	1.48	.06	....	....	....	....	....	....	....	....	....	.68	.11	....	T.	.02	....	....	....	.25	....	.12	.25	.11	....	....	....	.02	....	....	3.29
Lansford[2]	Carbon	....	*	1.42	T.	....	....	....	....	....	....	....	....	....	2.00	.15	....	....	.06	....	....	....	.10	T.	.20	.43	T	....	....	....	.08	....	....	4.44
New Tripoli	Lehigh	.04	.98	.27	....	....	....	....	....	T.	....	....	....	.05	1.57	....	T	....	T.	....	....	....	.20	.01	.11	.55	.02	....	....	T.	T.	....	....	3.80
Palmerton[1,5]	Carbon	.04	.84	T.	....	....	....	....	....	T.	....	....	....	.85	1.19	T.	....	T.	....	....	....	.05	.11	.03	.13	.65	T.	T.	....	.05	....	....	3.94
Zionsville, 1 SW	Lehigh	.02	1.05	.20	....	....	....	....	....	....	....	....	....	.05	.90	....	....	....	....	....	....	....	.20	....	.15	.40	....	....	....	....	....	....	....	....
SCHUYLKILL																																	
Conshohocken	Montgomery	*	*	*	....	....	....	....	....	....	....	....	....	.86	T.	.39	....	.01	....	....	....	....	....	....	....	....	.01	T.	....	....	....	....	§§
Fredericksville[2], 1 S	Berks	....	.05	1.50	....	....	....	....	....	....	T.	....	....	....	.93	.02	T.	....	T.	....	....	....	.11	.01	.05	.61	....	....	....	....	T.	....	3.28
Geigertown[2]	Berks	....	.24	.62	....	....	....	....	....	....	....	....	....	....	.55	....	....	....	....	....	....	....	.06	....	.12	.34	....	....	....	....	....	....	....	1.96
Gratersford[2]	Montgomery	....	.29	.76	....	....	....	....	....	....	....	....	....	....	.61	.19	....	....	....	....	....	....	.26	T.	.06	.56	....	....	....	....	....	....	....	2.73
Phoenixville[2], 1.5 SE	Chester	....	.33	.80	....	....	....	....	....	....	....	....	....	T.	.62	.03	....	....	T.	....	....	....	.22	....	.02	.50	T.	.03	....	....	T.	....	....	2.55
Port Clinton[2]	Schuylkill	....	.15	.55	....	....	....	....	....	....	....	....	....	....	1.23	.15	....	....	....	....	....	....	.12	T.	.11	.41	.05	....	....	....	....	....	....	2.77
Pottstown[2], 0.5 S	Montgomery	....	.37	.87	.24	....	....	....	....	....	....	....	....	....	*	.50	....	....	....	....	....	....	.14	T.	.04	T.	.42	....	....	....	....	....	....	2.08
Pottsville[2]	Schuylkill	....	.90	....	....	....	....	....	....	....	....	....	....	....	1.45	.15	....	....	....	....	....	....	T.	....	.07	.65	T.	....	....	....	T.	....	....	3.22
Reading[1,5]	Berks	.27	.74	....	....	....	....	....	....	....	....	....	....	.18	.47	.01	....	T.	T.	....	....	.09	....	T.	.10	.89	....	.01	....	T.	....	....	....	2.76
Strausstown[2]	Berks	....	.23	.69	....	....	....	....	....	....	....	....	....	....	.88	.03	....	....	....	....	....	....	.08	.01	.09	.32	T.	.03	....	....	....	....	....	2.36
Virginville[2]	Berks	....	.68	.65	....	T.	....	....	....	....	....	T.	....	....	.89	T.	.01	....	T.	....	....	....	.12	T.	.15	.67	T.	....	....	....	....	....	....	3.17
Wernersville	Berks	.20	.82	.01	....	....	....	....	....	....	....	....	....	.15	.60	T	....	T.	....	....	....	.02	.03	T.	.13	.43	....	T.	....	T.	....	....	....	2.39
LOWER DELAWARE																																	
Coatesville[2]	Chester	....	.26	.54	....	....	....	....	....	....	....	....	....	....	.77	.26	....	....	T.	....	....	....	.09	T.	.08	.38	T.	....	....	....	.02	....	....	2.40
Doylestown	Bucks	.12	.54	.29	....	....	....	....	....	T.	....	....	....	T.	.51	....	....	T.	....	....	....	....	.13	T.	.13	.32	....	....	....	T.	T.	....	....	2.04
George School[6]	Bucks	.07	.74	.14	....	....	....	....	....	....	....	....	....	.07	.66	.01	....	T.	....	....	....	....	.21	.19	....	.21	T.	....	....	....	....	....	....	2.30
Maple Glen[7]	Montgomery	....	.54	.30	....	....	....	....	....	....	....	....	....	....	.55	....	....	....	....	....	....	....	.19	T.	.12	.37	....	....	....	....	....	....	....	2.07
Marcus Hook[2]	Delaware	....	.12	.48	....	....	....	....	....	....	....	....	....	....	.60	.01	....	....	....	....	....	....	.24	....	.05	.32	T.	T.	....	....	.04	....	....	1.86
Philadelphia																																	
Southwest Airport, [1]	Philadelphia	.20	.44	.01	....	....	....	T.	....	T.	....	T	....	.37	.46	....	....	T.	....	....	....	.13	.20	.01	.14	.19	T.	.03	....	.04	....	....	2.22
City Office[1,5]	Philadelphia	.06	.88	T.	....	....	....	....	....	T.	....	....	....	.28	.36	....	....	T.	....	T.	T	.10	.23	T.	.09	.12	.01	.02	....	.04	....	....	2.19
Shawmont	Philadelphia	.20	.58	.55	....	....	....	....	....	....	....	....	....	T.	1.00	....	....	T.	....	....	....	....	.30	T.	.15	.30	.05	.05	....	....	.05	....	....	3.23
Quakertown, 0.5 E	Bucks	.06	.94	.17	....	....	....	....	....	....	....	....	....	.01	.68	....	....	....	....	....	....	....	.17	T.	.11	.50	T.	....	....	....	....	....	....	2.67
West Chester	Chester	.10	.79	.09	....	....	....	....	....	....	....	....	....	.03	1.00	....	....	T.	....	....	....	.06	.08	T.	.11	.43	T.	T.	....	....	.04	....	....	2.73
West Grove[2], 1.5 SE	Chester	....	.23	.27	....	....	....	....	....	....	....	....	....	....	1.05	.28	....	....	....	....	....	....	.10	T.	.11	.41	....	....	....	....	.08	....	....	2.53
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1,5], 2 W	Tioga	.03	.54	.24	.03	T.	....	....	....	....	T.	....	....	.02	.11	T.	....	T.	....	....	....	.01	....	.05	T.	.07	....	....	....	.04	....	....	1.14
Covington[2]	Tioga	....	.07	.58	....	....	....	....	....	....	....	....	T.	.	.65	T.	....	.01	.03	....	....	....	.05	....	.15	.32	.01	....	....	....	....	....	....	1.87
Lawrenceville	Tioga	T.	.75	.10	....	T.	....	....	....	....	....	....	....	....	.22	T.	....	....	....	....	....	T.	.05	.05	.05	.23	.05	....	....	.15	....	....	1.65
NORTH BRANCH																																	
Berwick	Columbia	T	.79	.12	....	....	....	....	....	....	....	....	....	.04	.46	....	....	....	....	....	....	....	.10	.03	.23	.30	T.	.03	....	....	.05	....	....	2.15
Canton[2], 1 NW	Bradford	....	.20	.69	T.	....	....	T.	....	....	T.	....	....	....	.80	T	....	T.	.07	....	....	....	.05	T.	.25	.44	.04	T.	....	....	.07	....	....	2.61
Danville[2]	Montour	....	.08	.78	....	....	....	....	....	....	....	....	....	....	.71	.13	....	....	....	....	....	....	.14	*	.22	.31	.06	T.	....	....	....	....	....	2.43
Freeland[2]	Luzerne	....	*	1.09	.05	.04	T.	....	....	....	....	....	T.	T.	*	.96	T.	T.	*	....	....	....	*	....	.20	.65	.03	T.	T.	T.	.10	....	....	3.12
Hop Bottom[2], 2 S	Susquehanna	....	.30	1.20	.01	.01	.01	T.	....	....	....	....	....	.10	.40	.10	T.	....	.01	T.	....	....	....	T.	....	.64	.03	T.	T.	....	T.	....	....	2.81
Millville[1,5]	Columbia	.02	.74	.06	....	....	....	....	....	....	....	....	....	.23	.43	....	....	....	....	....	....	.11	....	.05	.32	.41	....	....	....	.05	....	....	....	§2.42
Monroeton[2], 2 S	Bradford	....	.15	.68	T.	....	T.	T.	T.	T.	T.	T.	T	....	.79	T.	T.	T	T.	....	....	....	.04	T.	.17	.48	.02	T.	T.	....	T.	....	....	2.33
Montrose[2], 3 E	Susquehanna	....	.17	2.21	.21	.06	T.	T.	T.	....	.04	T.	T.	....	.36	.21	....	.06	.04	.04	....	....	.06	T.	.35	.58	.03	04	T	....	T.	....	....	4.46
Orwell[2], 3 N	Bradford	....	.07	.79	.06	.05	....	....	....	.03	....	....	....	....	.23	....	....	....	.01	....	....	....	.07	....	.24	.50	.04	....	....	....	....	....	....	2.09
Park Place[1], 1 NW	Schuylkill	.10	.75	.20	T.	T.	....	T.	T.	T.	T.	T.	....	.46	.56	.04	T.	.01	.05	....	....	.05	.01	.06	.17	.62	.03	T.	....	T.	T.	....	....	3.11
Pikes Creek[1,5]	Luzerne	.03	.81	.05	....	....	....	....	....	....	....	....	....	.50	.95	....	....	....	....	....	....	....	....	....	.05	.10	.37	....	....	....	.04	....	....	2.90
Rush[2]	Susquehanna	....	.12	1.38	....	....	....	....	....	....	.03	....	....	....	.24	....	....	....	....	....	....	....	....	....	....	.18	.46	.05	....	....	....	....	....	....	2.46
Scranton[1,5]	Lackawanna	.05	.83	.29	....	T.	T.	T	....	T.	T.	T.	....	.22	.52	T.	....	T.	....	....	....	.07	T.	06	.27	.36	.04	T.	....	.04	T.	....	....	2.75
Susquehanna[2]	Susquehanna	....	.05	1.26	.05	T.	T.	T.	T	T.	.03	T.	T.	....	.40	.23	....	.03	.03	....	....	....	.13	.01	.18	.68	.07	....	....	....	T.	....	....	3.15
Towanda, 1 E	Bradford	T.	.65	.17	T.	T.	T.	T.	T.	T.	T.	T.	T.	.02	.41	T.	....	T.	T.	....	....	T.	.04	.05	.12	.41	.01	T.	....	T.	T.	....	....	1.88
Tunkhannock[2]	Wyoming	....	.07	1.20	....	....	....	....	....	....	....	....	T	....	.28	....	....	....	....	....	....	....	T.	....	.10	.27	T.	....	....	....	.03	....	....	§§
Wilkes-Barre[1], 3 N	Luzerne	.02	.75	.05	T.	T.	T.	T.	....	T.	T.	T.	....	.19	.61	T.	....	T.	....	....	....	T.	.08	.06	.06	.43	T.	T.	....	.08	....	....	2.33
WEST BRANCH																																	
Bellefonte[2]	Centre	....	.32	.22	....	....	....	....	....	....	....	....	....	....	.57	T.	T.	T.	T.	T.	....	....	.04	.02	.13	.19	.04	.02	....	....	T.	....	....	1.55
Carrolltown[2]	Cambria	....	.20	.10	T.	.09	....	....	....	....	T.	....	....	....	.06	.08	04	.06	.04	....	....	.01	.38	.04	.15	T.	.10	.10	....	....	.12	....	....	1.57
Carter Camp[2]	Potter,	....	.28	.60	.04	T.	....	....	....	....	....	....	....	....	.71	.05	T	T	T.	....	....	....	.04	.03	.13	.35	.12	T.	....	T.	.14	....	....	2.49
Cedar Run[2]	Lycoming	....	.19	.62	.11	T.	....	....	....	....	....	....	....	....	.82	.05	T.	..	.04	....	....	....	.08	T.	.07	.36	.04	T.	....	....	.08	....	....	2.46
Clearfield[2]	Clearfield	....	.17	.17	.04	....	....	....	....	....	....	....	....	....	.40	.01	T.	T.	.03	....	....	....	.12	.02	.09	.33	.16	.04	....	T.	.20	....	....	1.78
Coalport[2]	Clearfield	....	....	....	....	....	....	....	....	....	....	....	....	....	.28	....	....	....	....	....	....	....	....	....	....	.42	....	....	....	....	....	....	....	§§
CurwensvilleApt[1] 6NW	Clearfield	.23	.29	.26	.01	T.	T.	T.	T.	T.	T.	....	....	.21	.36	.10	.03	.10	.01	T	T.	.14	.11	.05	.32	.40	.08	.01	T.	.25	.01	....	2.97
Driftwood[1,5]	Cameron	.06	.29	.04	....	....	....	....	....	....	....	....	....	.12	.26	....	....	....	....	....	....	.02	....	....	.41	.26	.12	.05	....	.12	....	....	....	1.75
Dushore[1,5]	Sullivan	*	*	1.17	....	....	....	....	....	....	....	....	....	.27	.70	....	....	*	....	....	....	*	....	*	.17	.56	.03	....	....	.10	....	....	....	3.00
Eagles Mere[2]	Sullivan	....	.26	.99	....	....	....	T.	....	....	....	T.	T.	....	.69	.49	T.	T.	.04	....	....	....	.09	T.	.14	.88	.13	T.	....	....	.09	....	....	3.80
Emporium[2], 1 E	Cameron	....	.30	.13	.05	T.	....	....	....	T.	....	....	....	....	.57	T.	T.	.02	T.	....	....	....	.03	.04	.22	.38	.07	T.	....	....	.17	.04	....	2.02
English Center[1], 5	Lycoming	*	.83	.04	....	....	....	....	....	....	....	....	....	.26	.73	....	....	.05	....	....	....	.04	*	.05	.11	.45	....	....	....	.10	....	....	....	2.66
Galeton	Potter	.09	.59	.08	T.	T.	....	T.	T.	T	....	T.	....	T.	.76	T.	T.	T.	.01	....	....	T.	T.	.06	.02	.23	.08	T.	T.	.15	....	....	2.07

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield		.21	.23	T.	T.									.41	.02	T.	T	T.				.06	T.	.26	.29	.11	.06		T	.16		1.81
Lock Haven[2]	Clinton		.27	.58	T.										.85	.02			T.				.03	.01	.20	.40	.04	.06			.07		2.53
Medix Run[1, 5]	Elk	.08	.20											.14	.11			.04				.03		.05	.18	.28	.04	.06		.17			1.38
Philipsburg[1], 7 E	Centre	.11	.39	.10	.04	T.		T.		.01	T.			.35	.24	.01	.01	.04	T.	T.	T.	.04	.03	.05	.24	.45	.08	.03		.15	T.		2.37
Renovo[2]	Clinton		.18	.43	T.	T.					T.				.58	.03	T	T.	.01				.08	.01	.32	.30	.01		T	T.	.07		2.02
State College[1, 5]	Centre	.09	.56	.01	T.	T.		T.		T.	T.			.28	.29	T.	T.	.01	T.			.07		.01	.26	.38	.01	T.		.08	T.		2.05
Tamarack[2], 2 S	Clinton	T.	.28	.47	.15	T.	T.	T.	T.	T.	T.	T.	T.		.62	.02	.03	T.	.01	T.			.10	.02	.15	.41	.06	T	T	T.	.14		2.46
Trout Run	Lycoming	*	*											*	1.46								.78	T.		.08						§2.32
Tyrone[1, 5], 4 NE	Blair	.10	.30											.20	.17							.06			.17	.26				.07			1.35
Wellsboro[2]	Tioga		.17	.82	.10	T.		T.		T					.55	.01		.01	T.				.06	.01	.04	.25	.05	T.	T.	T	.07		2.14
Williamsport Apt.[1]-4 E	Lycoming	.09	.51	.03	T.			T.	T.	T.		T.		.18	.65	T.		T.	T			.03		.05	.21	.42	T	T.		.05	T		2.22
Williamsport[2]	Lycoming		.25	.58	.05										.55	.06	T.		T				.09	.03	.14	.35	.03				.05		2.18
Williamsport[2], 4 SE	Lycoming		.30	.50	.02				T.				T.		.83	.12	T.	T.	T				.04	.02	.11	.39	.04		T.		.04		2.41
JUNIATA																																	
Altoona, 4.5 W	Blair	.04	.23	.03	T.										.22		T.	.06	.02			.10	.15		.17	.28	T.			.05			1.35
Breezewood[1], 0.5 E	Bedford	.04	.35											.27	.18			T.				.03	.03		.25	.24	T.			.01			1.40
Buffalo Mills[2]	Bedford		.31	.06											.29			.04							.18	.28	.13						1.29
Burnt Cabins[1], 2 NE	Fulton	.10	.55	T.	T.					T.				.43	.16			T.				.05	.02		.15	.12	.07			T.			1.65
East Waterford[2], 3 E	Juniata	T.	.37	.47	.02	T.	T.	T.	T.	T.	T.	T.			.50	.08	T.	.03	.06	T.	T.	T.	.07	.02	.16	.46	.03	T	T		.03		2.30
Everett[2], 0.5 SW	Bedford		.26	.16	T										.43	.02		T.	T.			T	.07	.02	.21	.30	.03	T.					1.50
Huntingdon[2]	Huntingdon		.31	.33	T.	T.				T					.47	T.	T	T.	T.			T.	.05	T.	.11	.36	T.	T.			.08		1.71
Lewistown[2], 1 W	Mifflin		.30	.35	T.	T.									.56	.05			T.				.04	.03	.15	.39	T.	T.			.06		1.93
Mapleton Depot[2]	Huntingdon		.22	.36	T.										.33	.10		T.	T.				.08	T	.07	.32	.32				T.		1.50
Martinsburg[1, 8]	Blair	.10	.09	.05	T.	T.		T.		T.	T			.17	.18	T.	T.	.03	T	T.	T.	.04	.02	T.	.28	.32	.02	T.		.01	T.		1.31
McConnellstown[2] 4NW	Huntingdon		.19	.28	T.										.59	.04		T.	T.			T.	.09	.04	.11	.34	.05				T.		1.73
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.05	.55	.03										.39	.22							.03		.03	.28	.30				.05			1.93
New Bloomfield	Perry	.10	.58											.10	.91			T.				.05	T	.02	.18	.35	T.						2.24
Newport[2]	Perry		.15	.42											.82	.12							.09	T.	.10	.37	T.				.05		2.12
Saxton[2], 1 W	Bedford		.26	.29											.40	.07							.10		.31	.08	T.				.09		§1.60
Shade Gap[1, 5], 0.5 SW	Huntingdon													.24	.25							.06	.04		.13	.20							§§
LOWER SUSQUEHANNA																																	
Arendtsville[2]	Adams		.42	.10											.82			T.					T.		.08		T.	T.					1.42
Beavertown[2]	Snyder			.42											.60	.03							.08										§§
Bloserville, 1.5 N	Cumberland	T.	.72	T.										.15	1.02			.04	T.			T	.04	T.	.25	.43				.02	T.		2.67
Carlisle	Cumberland	.06	.54											.06	.69			.06				T.		.01	.30	.28	T.	T.		.01			2.01
Columbia	Lancaster	.10	.52	.03										.05	.32	T.						T.	T.	T.	.13	.28							1.43
Dauphin[2], 3 N	Dauphin		.19	.45	T.	T.			T.	T.	T.				.87	.11	T		T.	T			.05	.02	.16	.23	T.				T.		2.08
Ephrata	Lancaster	.14	.70											.20	.24			T.				T.	.03	T.	.18	.50				T.	T.		1.98
Glen Rock[1, 5]	York	.13	.22											.31	.24										.09	.26							1.25
Gordon	Schuylkill	.21	.77	.14											1.24			T.					.09	.03	.21	.46	.09				.08		3.32
Grantville, 2 SW	Dauphin	.09	.45	.02										.10	.59	T.		T.				.02	.05	T	.21	.31							1.84
Hanover[2]	York		.29	.20											.52	.04	.01		T				.01	T.	.07	.50	T.	T.					1.64
Harrisburg Apt[1, 5], 3.5 S	Dauphin	.10	.33	T.	T.			T.						.37	.25	T.		T.	T.			.03		.02	.10	.17	T.			T.			1.37
Holtwood[2]	Lancaster		.21	.29							T.				.26	.11	T.	T.	T.				.05	T.	.03	.32	T.	T			.01		1.28
Huntsdale[2]	Cumberland		.24	.10											.75	T.			T				.04	T.	.19	.28	T.				T.		1.60
Kirkwood[1, 5], 1 SW	Lancaster	.29	.35											.29	.49							T		.08	.06	.50							2.06
Lancaster	Lancaster	.05	.60	.03										.01	.47		T.	T.				T.	.05	T.	.07	.46		T.					1.74
Lebanon[2]	Lebanon		.16	.48											.55	T		T.					.07	.02	.16	.23	T.	T					1.67
Middletown[1], 1.5 W	Dauphin	.37	.33		T.									.17	.03	T		T.				T.		.03	.13	.04	T.	T.		T.			1.10
Millersburg[1, 5], 2 E	Dauphin	.08	.54											.31	.43							.07			.11	.30							1.79
Milroy[2]	Mifflin		.85	.15											.55	.30	T.	T.	.01	T			.23	*	.60	T.	T.		T.		2.69
Newburg[1], 3.5 NW	Cumberland	.04	.07							T.				.55	.02			T.				.01	T.	T.	T.	T.			T.			§§
New Park	York	.25	.25											*	.61								*		*	.86							1.97
Pine Grove[2], 1.5 NE	Schuylkill		.22	.46					T.	T.		T.			1.24	T.	T.		T.	T.			.03	.02	.03	.54	.01	02			T.		2.57
Selinsgrove	Snyder	.01	.53	T.						T.				.12	1.04			T				T.	.12		.13	T.	T.	T.		.02	.01		1.98
Shamokin[2]	N'umberland		.08	.80											.65	.15		T.					.14	T.	.18	.47	.03				.02		2.52
Shippensburg	Cumberland	.08	.49											.12	.78			.05				T.	.05		T.	.10	.20	T.		.01	T.		1.88
Sunbury[2]	N'umberland		.15	.54											.94	.18			T.				.11	.03	.15	.38	.07				.03		2.58
Wellsville	York	.18	.30	T.						T.				.05	.66			T.	T			T.	.03	T.	.11	.42							1.75
Williamstown[2]	Dauphin		*	*											1.00	.11							T.	T.	.27	.42	T.	T.					1.80
York, 3 SW	York	.25	.58											.02	.93							.02	.02	.03	.12	.30				T.	T.		2.27
York Haven[2]	York		.23	.38											.47	.01								.02	.12	.35							1.58
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin	.10	.60							T.				.75	.25			T.				.01	.03	T.	.17	.37	T.			T.			2.28
Gettysburg	Adams	.14	.40											.04	.72							.01	T		.06	.42							1.79
Hewitt, 2 SW	Bedford	*	.39											*	.30			T.				T.	T.		.21	.28	T						1.18
Hyndman[2]	Bedford		.28	.08	T.										.18			T.	T.			T.	T.		.14	.38	T				T.		1.06
McConnellsburg[2]	Fulton		.27	.16											.72	T.							.08		.14	.18							1.55
Mercersburg[2]	Franklin		.49	.20											.70			T.	T				.04		.21		T.	T.					§1.64
South Mt. Sau't'm[2]	Franklin		.38	.31											.68	.03			T.				.04	.01	.14	.48	T.						2.07
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny		.14	T.	T.	T.				T.					.57	.01	.02	.02	.03			T.	.24	T.	.24	.32	.10	T.			.05		1.74
Allen Mills[1, 5]	Jefferson	.13	.25	.09										.09	.63	.04		.05	.03			.14	.03	.08	.33	.36	.06	.04		.26	.01		§2.62
Blairsville[1], 6 NE	Indiana	.02	.29	.06	.02	T.		T.		T.	.02			.01	.09	.04	.01	T.	T.	T.	.01	.34	.16	T.	.08	.09	.03	T.		T.	T.		1.27
Bo-well[2], 6 NW	Somerset		.38	.20	.17			T.		.04	.03	.02			.18	.04	.09	.13	.14	.03		.03	.31	.04	.21	.30	16	.05	.04		.03		2.62
Bradford, 4 W	McKean	.10	.24	.27	.27	.07	T.	T.	T.	.05					.56	.07	T	.09	.02			.10	T.	.05	.27	.70	.33	.05	.30	.30	.02	.20	4.06
Brookville[1], 1.5 SW	Jefferson																																
Buckstown[1, 5]	Somerset	*	.18	.07	.01										.16	.03	.01						.17	.06	.30	.15	.11			.04			1.29
Clarion[2], 3 SW	Clarion		.24	.18	.03	07	T.								.50	.04	.03	.02	.01				.20	.02	.16	.26	.11	.06	.03	.06	.18		2.20
Corry	Erie	.04	.14	.61	.26	.06	T.	T.		.01	T.			T.	.42	.08	.07	.20	.03			.06	.01	.01	.31	.52	.64	.06	T.	.57	.03		4.13
Coudersport	Potter	T.	.61	.52	.31	T.				T.					.03			.02				T.	T.	.03	.02	.32	.46	T	.02	31			2.65
Coudersport, 7.5 E	Potter		.61	.52	.31	T.								T.	.03			.02	T.			T.		.03	.02	.33	.45		.02	.31			2.65
Derry	W'moreland	.07	.32	.05						T.	T.				.20	.05	T.	.08	T.			.30	.12		.15	.35	.04	T.		T.			1.73
Donegal[1]	W'moreland	.02	.25	.36	T.			T.		.03	T.			T.	.46	.05	.10	.25	T.	T.	T.	.28	.10	.34	.44	.35	.03	.05		T.	T.		3.11
Dunlo[1, 5], 0.5 SW	Cambria	.08	*	.33										.22	.05	.08	*	.02	.02	.02	.05	.03	.19	.03	.17	.36	.06	.04		.03			§1.78
Ebensburg[2]	Cambria		.32	.13	.23	.01				.01					.18	.10	*	.06	.03	T.		.03	.18	.03	.18	.27	T.	.03		.04	.02	T.	1.85
Ford City[2], 4 S	Armstrong		.20	.03	.02	T.			T.		T.				.58	.02	T.	.07	.04	T.		.01	.21	T.	.16	.22	.04	T.		T.	.02		1.62
Franklin[2]	Venango		.28	.15	.05	T.									.19	T.	.28	.07	T.	T.			.25		.22	.28	.47	.18	T.	.18	.07		2.67
Glen Hazel[2], 1 NE	Elk																																
Homer[1, 5]	Indiana	*	.21	.03										.08	.30	.04	.03								.24	.16	.02	.40	.31	.01		.10		§1.93
Indiana	Indiana	.03	.12	.02	T.					T.					.29	.03		T.	T.		T.	.15	.24	.04	.21	.34	.04						1.51
Johnstown[2], 0.5 W	Cambria		.18	.11	.13	.01		T.		T.	.01	T.			.17	.08	T.	.02	.06	T.	T.	.02	.22	.08	.18	.15	.72	.06	T.	T.	.04			2.24

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Daily Precipitation for March 1947—Continued from page 20

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	.12	.23	.30	.10	.03	T.	T.	T.	.02	T.			.16	*	.33	.03	.03	T			.11	T.	.03	.28	.57	.19	.02	.03	.32	.01		2.91
Kregar[1], 4.5 SE	W'moreland	.16	.75	.38	.14	T.	T.	T.		.06	.04			.07	.13	.07	.15	.26	.05	.02	.09	.35	.29	.05	.37	.35	.31	.04	T.	.08	.02		4.23
Lycippu, 1.5 E	W'moreland	.37	.43	.20	.04					.04	.02			T.	.54	.07	.02	.01	.10			.21	.18	.08	.26	.34	.11	.06	T	.06	.14		3.28
Marienville[1, 5]	Forest	*	*	.28										.20	.46	.09	.04	.03				.12	.04	.07	.22	.41	.10			.22			§2.28
Meadville[2], 1 S	Crawford		.16	.23	.15	.01	.01	T.	T.	T.	T.				.22	.03	T.	.01	.02	T.		T.	.19	.02	.29	.21	.44	.24	T.	.26	.05		2.54
Mosgrove[2]	Armstrong		*	.37	.06	T		T.	T.		T.				.56	.02	T.	.02	.04	T.		T.	.31	*	.18	.23	.32	.05			.06		2.22
Parkers Landing[2]	Armstrong		.30	.10	.10	T.	T.	T.	T.						T.	T.	T.		T.	T.		T.	.09	T	.25	.21	.45	.06		.04	T.		1.60
Pittsburgh City Of[1, 5]	Allegheny	.20	.08	T.	T.			T.		T.	T			.04	.48	.03	.03	T.	T.		T.	.15	.01	.02	.28	.26	.01	T.		T.	T.		1.59
Port Allegany[2]	McKean		.12	.22	.20	.02	T.	T.		T.	T.				.44	T.	.03	.06	.01					.03	.07	.35	.21	.03		.02	.14		1.95
Punxsutawney[2]	Jefferson		.20	.05	.01	T	T.								.56	.06	.02	T.	T.	T.			.26	T.	.07	.26	.05	T.		T.	.06		1.60
Purneyville[2], 2.5 SE	Armstrong		.26	.10	.02	T.		T.	T		T				.68	.03		.06	.02	.01			.33	.03	.19	.27	.17	.03		.05	.06		2.31
Ridgway[2]	Elk		.16	.11	.10	.02	T.			T	T.	T.			.35	.02	.16	.02	.01	T.			.01	.01	.23	.29	.30	.03	.03	.04	.17		2.06
Saltsburg[2]	Indiana	T.	.18	.04	T.	T.			T.	T.	T.	T.			.28	T.	.04	.01	.03	T.		T.	.35	T.	.18	.19	.24	T.	T.		T.	T.	1.54
Seward[2]	W'moreland		.26	.08	.16						T.				.26	.10	.02	.02	.04				.47	.14	.32	.08	.14	.06					2.15
Sheffield[1, 5, 6 W	Warren		.12	.02										.16	.32	.04						.08	.04		.36	.18	.20	.02		.12	.04		1.70
Smethport[1, 5, 1 SW	McKean		.13	.16	.10	.07							.07	.15	.37	.06	.04	.07			.04	.09		.04	.27	.27	.04			.15			2.12
Strongstown[1, 5]	Indiana	.03	.14	.07										.04	.31	.02		.06				.22	.23		.32	.24				.05			1.73
Tionesta[2], 1.5 SE	Forest		.23	.08	.11	.03	T.			T.	T.				.34	.05	T.	.06	.01	T.		T	.16	.04	.34	.30	.09	.10	.04	.07	.10		2.15
Titusville, 2 S	Crawford	.03	.16	.20	.07	T.				T.	T.				.34	.06	T.	.03	.05			.08	.08	.08	.32	.39	.16	.05	T.	.17	.03		2.36
Union City[1, 5]	Erie	.06	.04	.10	.02									.10	.23	.05		.01				.05	.08	.05	.31	.14	.08		.11	.16			§1.59
Vandergrift[1]	W'moreland	.20	.25	.06	T.									T.	.45	.02	.03	.02				.25		.03	.15	.35	.14	T.		.40			2.35
Warren[2]	Warren	.02	.18	.17	.59	.05	T.			T.	.01				.45	.05	.03	.02	.03				.12	T.	.18	.05	.80	.10	.03	.03	.23		3.14
Youngsville[1, 5]	Warren	05	.18	.41	.06									.17	.34	.07	.05	.04	.01	.01	.02	.13		.02	.40	.32	.14		.09	.34			2.85
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset		.27	.08	.01	T.		T.	T.	T.	.01	T.			.16	.07	.01	.03	.01	T.	T.	T.	.20	.03	.14	.28	.05	.10	T.		T.	T.	1.45
Connellsville[2]	Fayette		.10	.03	.02	T.			T.	T.	T.				.21	.03	.02	.02		T.		.03	.27	T.	.15	.31	T.	.03					1.22
Donora[1]	Washington	T.	T.	.08				T.		T.	T.			.21	.96	T.	T.	T.	T.		T.	.10	.28	.03	.20	.10	T.	T		.25			2.21
Green-boro	Greene		.09	.01	T.	T.				T.	T.	T			.28	.04	T	.03	T.			.01	.21	T.	.10	.40	.02	.01	T.				1.20
Greensburg, 2 S	W'moreland	.06	.16	.28						.02	T.				.41	.02	T.	T.	.02		T.	.17	.14		.12	.29	.03	T.		T.	T.		1.72
Irwin	W'moreland	.01	.18	.02	T.			T.		.02	.02	T.		T.	.44	.05	T.	T.	.02		T.	.16	.16	.02	.12	.54	.09	.02	T.	.03	T.		1.90
Meyersdale[2]	Somerset		.15	.12	.01	.01		T.	T.	T.	.02				.16	.03		.05	.02	T.		.01	.18	T.	.17	T.	.29	.13	T.	T.			1.35
Murrysville[1, 5]	W'moreland	.04	.11	.02										.03	.41							.15	.08		.24	.26				.03			1.37
Pittsburgh Arpt.[1, 5]	Allegheny	.21	.10	T	T.		T.	T.			T.	T.	T.	.09	.36	.06	T.	T.	T.		T.	.10	.03	T	.23	.28	T.	.03	T.	T.	.02		1.51
Rices Landing[2]	Greene		.10	.03	T.					T.	.01				.53	.05	.03	.04				.01	.15	T.	.06	.34	.06	.11			.02		1.54
Somerset	Somerset	.04	.24	.15	.08			T.		.03	T.			.01	.26	T.	.02	.08	.04	T.	T.	.11	.24		.18	.17	.08	T.	.02	.02			1.77
Springs[5], 1 SW	Somerset	.14	.24	.14	.06	T.		T.		.03	.03			.06	.22	.02	.03	.06	.05		T.	.07	.21		.21	.55	.06	.06	T.	.03	T.		2.27
Uniontown	Fayette	.02	.12	.05						.02	.01			.02	.26	.04	.02	.05	.02	T.	T.	.20	.14		.03	.40	.08	.09		T.			1.57
Waynesburg	Greene	*	.13	T.										.03	.52		T.	.05				.18				.49	T.						1.40
BEAVER																																	
Beaver Falls[2]	Beaver	T	.25	.05	T.	T.		T.	T.	T.	T.	T.			.19	T.	.02	.03	.02	T.		T.	.14	T.	.05	.10	.19	.04		T.	.03		1.11
Butler	Butler	.25	.10	.03	.01			.01							.35	.01		.01	.02				.15		.27	.09	.06	.01		.09			1.46
Farrell[2]	Mercer		.12	.23	.04										.12	T.	.04					.02	18		.25	.31	.27	.06		.25	T.		§1.89
Greenville	Mercer	.04	.02	.11		T					T.			.01	.17	.02	T.	.02	T.			.12	.15	.05	.34	1.10	.26	.02		.29	T.		2.72
Jamestown[2], 2 NW	Mercer		.06	.03	T			T.			T.				.21	.03		T.	T.			.02	.22	.01	.34	.32	.18	.10		.16	.01		1.69
Mercer Arpt.[1], 2.5 NE	Mercer	.10	.06	.22	.01	T.	T.	T.	T.	T.	T.			.05	.16	.05	.02	.01	.01	T.	T.	.12	.06	T.	.37	.24	.07	.01	.01	.24	T.		1.81
New Castle[1], 1.5 N	Lawrence	.12	.02	T.	T.				T.	.02	T.			.05	.15	T.	.02	.02			T.	.20	.05	.02	.34	.06	.02	T.		.06	T.		1.15
Pennline, 2, 1 S	Crawford		.14	.32	T.	T.			T.	T.	.01				.21	.04	T.	.02	.03			.03	.27	.01	.31	.44	.21	.32		.37	.02		2.75
OHIO																																	
Claysville[2]	Washington		.07	.04	.01	T.					T.				.51	.12	T.	.03	T				.16		.07	.28	.04	.01			.01		1.35
Coraopolis[2], 1 E	Allegheny	T.	.13	T.	T.	T.			T.	T.	T.	T.			.43	.07	T.	.05	T.				.13		.07	.19	.13	.01					1.21
Midland[2]	Beaver		.13	T.											.28			.03	T.			T.	.22	T.	.08	.17	.11	T.		T.	.05		1.07
Washington[1, 5]	Washington	.04	.07	.02								.06	.04	.16	.37	.01	.02	.01		.04	.05	.11		.03	.34	.04	.02	.02					1.45
LAKE DRAINAGE																																	
Albion[2]	Erie		.09	.12		.01	.01			.02	.04	.02			.19	.06	.02	.12	.15				.38	.16	.20	.44	.25	.26		.04	.40		2.98
Erie[1, 5]	Erie	.03	.09	.15	T.	T.	T.	T.	T.	T.	T.			T.	.16	.06	.06	.13	T.			.04	.07	.04	.14	.44	.12	T.	.23	.11	T.		1.87
Raymond[1, 5]	Potter																																

[See page 24 for explanation of reference marks.]

Daily Temperatures for March 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	30	30	26	31	31	35	33	32	31	33	42	46	43	42	33	33	30	35	43	42	35	47	53	53	56	27	32	30	34	32	45	36.9
	Minimum	22	18	21	19	19	24	25	20	23	25	22	14	24	37	23	20	16	16	17	25	19	26	29	31	26	17	18	13	20	18	27	21.7
Allentown Arpt.[1,9-4 NE	Maximum	33	36	29	33	37	40	38	37	39	41	42	48	51	62	54	40	37	38	44	49	53	43	60	54	54	34	40	44	53	44	54	43.9
	Minimum	10	27	24	24	25	29	27	28	23	27	28	24	23	38	31	25	23	19	19	21	29	30	28	45	22	20	22	19	27	26	20	25.1
Allentown/	Maximum	34	37	34	36	40	43	41	40	40	41	44	49	53	64	54	40	38	38	45	51	53	44	60	55	50	45	40	43	54	43	51	45.2
	Minimum	11	14	26	25	25	29	32	25	25	28	28	24	25	29	34	28	27	24	21	22	27	31	29	33	44	23	28	24	27	31	20	26.3
Altoona-4.5 W	Maximum	27	29	27	28	32	39	36	38	32	34	43	48	46	55	41	31	30	31	39	44	38	37	57	54	50	25	32	40	48	40	53	38.8
	Minimum	9	23	19	19	20	24	27	20	20	23	15	18	25	33	29	20	19	17	15	19	28	30	26	42	23	14	19	13	30	20	18	21.8
Arendtsville/	Maximum	33	35	33	36	41	47	45	39	40	45	47	50	50	65	53	40	38	39	45	49	50	47	65	61	40	33	39	46	58	45	54	45.4
	Minimum	11	25	25	23	25	20	28	25	21	26	25	23	23	33	32	25	25	22	20	21	30	34	25	33	39	22	21	22	28	28	20	25.2
Beavertown/	Maximum	30	32	29	32	37	44	41	39	50	51	45	52	51	60	50	41	33	36	41	50	49	50	57	57	39	30	37	43	50	40	46	43.4
	Minimum	14	16	15	23	24	16	30	20	30	28	20	17	18	27	31	22	23	22	14	18	23	28	38	44	38	13	18	13	18	25	30	22.9
Berwick	Maximum	33	36	32	34	38	40	39	39	39	40	44	48	52	61	52	37	34	38	45	48	51	46	60	58	56	33	37	42	50	49	50	43.9
	Minimum	11	27	24	22	25	30	29	22	23	28	31	21	24	39	34	24	23	20	18	22	25	32	35	43	27	19	22	16	29	27	18	25.5
Bethlehem[1]	Maximum	32	36	31	35	39	40	39	39	38	40	41	50	51	62	53	38	35	36	43	50	53	40	59	53	51	30	36	40	51	40	50	43.0
	Minimum	16	27	25	25	28	32	29	25	25	31	30	29	28	40	36	27	26	24	24	26	32	33	31	48	22	22	22	23	34	30	32	28.5
Blairsville[1-6 NE	Maximum	25	28	22	25	30	32	30	30	26	30	38	49	47	50	34	27	25	28	42	42	34	34	57	54	47	20	28	34	43	35	50	35.4
	Minimum	14	18	15	16	16	20	20	18	17	20	20	25	33	31	20	17	16	15	19	27	28	26	27	45	13	12	17	13	24	18	21	20.7
Bradford-4 W	Maximum	28	28	26	26	28	34	33	32	33	35	42	48	48	45	36	29	27	28	40	42	42	35	52	48	48	21	26	36	36	30	43	35.6
	Minimum	− 8	21	19	19	19	25	17	− 3	12	21	23	7	14	35	23	18	17	15	0	4	19	25	21	33	16	12	12	18	28	11	8	16.3
Burnt Cabins[1-2 NE	Maximum	34	29	29	34	36	41	40	35	34	37	47	50	45	64	52	39	36	38	46	52	48	40	63	61	54	29	40	45	56	42	54	43.5
	Minimum	3	24	22	22	20	12	22	17	15	22	12	14	26	36	27	24	20	16	13	16	22	23	47	21	20	20	15	30	18	13	20.5	
Butler	Maximum	32	33	29	33	32	40	40	36	34	36	40	48	54	52	46	34	34	31	44	46	47	38	47	57	54	26	35	38	43	43	52	40.5
	Minimum	12	22	21	21	20	24	29	20	20	25	15	17	23	42	26	21	20	21	12	20	32	31	30	33	24	15	20	12	32	18	24	22.6
Canton/-1 NW	Maximum	27	30	27	33	33	35	34	32	33	35	39	44	44	54	42	32	30	31	42	45	46	38	56	52	36	26	34	38	41	35	45	37.7
	Minimum	9	13	21	18	18	20	19	13	15	21	24	18	24	34	28	18	15	13	15	22	24	28	24	29	30	13	14	18	22	20	15	19.7
Carlisle	Maximum	31	34	34	36	40	45	43	38	44	45	50	54	50	66	56	51	46	39	45	51	53	48	65	64	58	35	43	52	56	53	60	47.9
	Minimum	10	28	24	24	27	25	34	24	26	29	23	21	24	37	37	31	25	24	21	21	30	36	29	48	34	23	25	31	27	29	27	27.5
Chambersburg[6-1 SW	Maximum	35	34	32	35	39	46	42	39	39	43	47	51	47	63	54	39	36	40	45	50	47	46	63	60	51	32	39	46	56	45	53	45.0
	Minimum	10	27	25	24	24	21	27	22	21	25	18	21	24	36	31	26	25	20	19	20	27	30	27	46	25	22	24	22	26	28	20	24.6
Clarion[6-3 SW	Maximum	28	31	29	31	32	36	36	38	34	36	45	53	49	50	39	31	30	34	41	45	39	39	53	53	52	26	32	37	45	37	52	39.1
	Minimum	3	23	19	19	15	9	25	14	21	20	16	10	17	34	24	15	13	16	8	15	27	28	25	35	18	14	15	12	28	20	11	18.4
Claysville/	Maximum	36	32	28	32	38	38	38	37	34	36	43	56	52	54	34	30	31	37	45	44	39	48	60	53	31	27	32	42	51	42	57	40.5
	Minimum	11	23	21	20	12	17	28	22	22	22	18	18	24	38	29	22	14	16	18	20	24	29	30	41	28	19	19	12	25	20	19	22.0
Coalport/	Maximum	31	28	30	25	30	33	32	38	38	32	34	44	49	47	58	37	30	29	31	40	37	40	46	54	50	32	28	34	39	45	37	37.2
	Minimum	1	8	20	19	19	20	25	18	20	23	10	12	18	28	30	26	19	18	10	15	20	30	15	36	30	14	16	3	8	20	11	18.0
Coatesville/	Maximum	37	36	34	36	39	43	40	36	42	44	41	50	54	65	55	41	38	37	43	52	53	46	59	57	46	34	41	44	53	45	52	44.9
	Minimum	7	11	25	23	24	26	27	23	24	26	28	22	21	26	31	23	26	23	19	18	25	34	33	34	43	24	25	24	25	30	19	24.8
Columbia	Maximum	34	36	35	37	42	46	45	41	43	45	49	54	52	65	58	48	39	40	45	52	55	49	63	62	57	36	42	48	58	52	55	47.8
	Minimum	11	28	27	24	27	24	34	25	24	28	27	22	24	39	32	28	28	25	20	21	35	35	30	48	36	24	26	24	32	31	25	27.9
Corry	Maximum	30	28	25	26	30	35	33	31	31	32	39	47	47	45	34	30	28	30	41	42	36	34	50	49	48	26	32	37	37	34	41	35.7
	Minimum	1	24	19	20	18	23	22	4	22	23	23	10	23	33	22	20	16	17	6	24	19	27	30	40	16	14	17	4	29	18	6	19.0
Coudersport	Maximum	26	30	27	30	34	35	32	33	35	37	42	50	48	49	42	30	29	32	42	43	43	38	54	49	47	24	31	40	37	36	45	37.7
	Minimum	6	22	20	19	19	26	21	− 1	15	21	25	9	15	35	26	17	14	15	6	11	19	26	22	25	18	11	7	9	13	11	6	16.4
Curwensville[1-6 NW	Maximum	21	25	21	24	28	34	34	30	29	31	38	47	41	46	32	28	26	28	38	39	34	34	49	51	46	23	30	35	40	33	47	34.3
	Minimum	9	18	16	16	15	19	18	15	18	19	13	20	27	30	18	15	13	11	11	22	27	22	44	44	13	10	13	4	22	14	14	17.8
Derry	Maximum	29	31	28	31	39	39	35	35	33	34	42	55	52	55	39	32	31	34	46	47	42	39	53	57	55	27	33	41	39	40	57	40.3
	Minimum	6	26	21	22	17	22	27	23	22	26	22	19	38	39	27	22	21	20	19	23	32	30	31	50	24	18	22	16	22	25	20	24.3
Donegal[1]	Maximum	25	28	23	28	32	33	31	32	26	31	38	50	47	52	35	28	28	29	40	44	34	33	56	54	48	21	30	37	45	35	52	36.3
	Minimum	1	19	15	15	14	14	22	18	14	18	15	16	26	30	22	14	15	13	11	16	28	24	26	40	16	13	16	8	26	17	14	17.9
Donora[1]	Maximum	37	33	30	34	39	41	39	35	36	38	48	53	55	57	35	33	33	39	44	46	41	55	61	57	33	34	39	47	50	37	50	42.2
	Minimum	18	27	24	23	22	28	30	26	25	27	27	24	29	46	29	25	24	25	27	28	34	32	35	51	31	21	24	21	36	25	25	28.0
Eagles Mere/	Maximum	30	30	25	30	33	35	35	34	30	34	35	39	45	45	49	40	30	27	31	38	44	44	37	52	37	27	32	37	40	36	43	36.3
	Minimum	11	14	19	16	17	18	18	20	13	13	15	22	22	22	28	27	17	13	10	10	17	24	25	28	33	11	11	11	11	18	17	17.6
East Waterford[6-3 E	Maximum	22	25	23	27	30	36	33	32	31	32	38	45	41	57	44	30	26	29	37	44	42	35	57	54	48	23	31	37	43	35	49	36.6
	Minimum	17	21	19	17	19	22	24	18	18	21	22	27	30	32	27	18	18	16	20	26	28	28	27	44	19	13	17	17	28	19	28	22.4
Ebensburg/	Maximum	26	27	20	24	30	33	30	33	28	31	41	47	46	48	34	27	25	32	43	43	34	47	52	49	25	25	28	35	40	37	52	35.1
	Minimum	10	20	16	16	17	19	22	17	17	19	15	19	27	33	28	16	16	14	15	22	29	26	26	43	23	11	15	11	27	17	18	20.1
Emporium/-1 E	Maximum	32	30	29	31	34	38	36	36	37	48	46	53	49	54	39	33	30	36	44	46	41	39	58	57	42	27	34	42	46	38	50	40.5
	Minimum	14	20	23	21	21	22	24	10	11	16	22	15	17	21	17	15	13	16	19	20	29	27	24	38	32	15	16	4	13	21	10	18.5
Ephrata	Maximum	35	35	35	35	40	44	41	37	42	43	48	51	52	64	57	42	37	38	45	52	54	47	68	57	55	36	42	45	55	50	52	46.1
	Minimum	12	29	27	23	24	26	32	26	25	28	30	24	25	46	35	28	27	24	22	22	32	35	31	47	35	24	26	24	32	32	23	28.3
Erie[1]	Maximum	33	32	28	30	31	34	34	32	31	32	36	42	50	49	34	30	27	31	39	40	39	38	57	54	54	26	31	38	38	33	41	36.9
	Minimum	20	27	22	25	24	28	25	21	25	28	28	27	35	34	24	23	22	21	22	30	27	29	35	50	20	18	24	25	28	25	24	26.3
Everett[1-0.5 SW	Maximum	31	32	30	33	35	40	38	37	35	37	44	51	47	62	47	35	33	34	45	48	42	39	60	60	54	27	36	41	52	41	35	41.3
	Minimum	12	25	22	22	23	21	26	23	23	27	19	16	20	36	27	23	23	18	16	18	31	25	28	44	23	19	21	22	25	21	18	23.1
Farrell	Maximum	30	32	30	35	34	38	36	32	36	38	41	51	50	51	42	31	30	35	42	46	41	44	59	56	54	26	32	41	46	42	52	40.4
	Minimum	19	28	27	26	22	31	28	21	26	28	20	21	30	36	24	22	21	24	21	26	30	34	39	51	22	18	21	14	31	27	24	26.2
Ford City/-4 S	Maximum	32	32	27	32	35	39	36	36	35	37	43	53	53	55	37	31	31	33	41	43	36	42	57	55	31	28	34	42	49	38	54	39.6
	Minimum	8	20	20	20	18	20	20	20	21	23	13	15	19	26	29	22	20	19	14	17	22	30	27	40	29	15	17	10	19	22	16	20.4
Franklin/	Maximum	30	31	27	33	32	37	34	34	33	34	42	51	49	50	34	31	30	33	42	45	39	40	54	53	32	27	33	39	43	43	43	38.0
	Minimum	10	14	22	22	19	18	19	15	15	18	21	16	16	24	28	20	20	21	14	17	23	30	31	38	29	16	17	7	11	24	15	19.7
Fredericksville-1 S	Maximum	32	35	35	35	37	40	38	36	35	38	40	48	48	60	53	43	35	35	42	48	51	45	58	55	52	34	37	43	53	50	49	43.2
	Minimum	6	21	24	22	25	29	30	22	20	20	23	21	20	37	31	20	23	20	14	12	28	33	23	45	33	21	21	16	20	28	15	23.3
Freeland	Maximum	26	32	28	27	32	34	34	33	33	33	39	45	43	35	54	45	31	35	34	46	45	38	53	50	48	30	30	36	41	39	44	37.8
	Minimum	12	21	18	15	18	26	21	15	17	21	24	21	27	15	25	27	17	13	24	22	28	27	23	47	18	12	15	14	27	20	18	20.9
George School[6]	Maximum	35	37	33	36	39	44	41	36	42	44	47	50	54	64	53	41	38	38	43	50	53	44	55	50	53	35	40	44	53	45	50	44.7
	Minimum	9	28	25	24	25	26	30	24	23	26	22	23	22	39	32	25	27	20	19	19	26	31	25	46	35	24	23	25	30	31	21	26.0
Gettysburg	Maximum	33	33	32	36	39	45	43	40	40	42	48	49	47	63	57	42	39	37	45	50	51	46	64	62	59	35	41	46	58	56	54	46.2
	Minimum	10	27	27	25	26	25	29	27	22	28	32	24	27	37	37	28	27	25	22	23	33	36	30	48	35	25	26	25	32	31	24	28.2
Gordon	Maximum	29	33	30	31	38	39	39	33	37	39	39	46	47	61	49	37	33	35	43	48	50	42	59	56	52	28	40	37	49	44	48	41.6
	Minimum	1	25	23	21	23	30	29	21	21	27	28	14	20	36	33	23	20	21	11	16	21	31	23	40	25	18	13	20	23	25	11	22.4
Greensburg-2 S	Maximum	22	34	28	32	36	39	36	37	32	36	41	53	55	47	40	33	33	34	44	47	39	40	53	60	54	30	34	42	51	43	56	40.7
	Minimum	1	26	20	22	19	14	28	19	22	25	16	16	21	39	28	23	22	22	15	17	32	30	26	48	22	19	23	9	33	29	16	22.6
Hanover/	Maximum	34	36	33	37	42	47	44	38	44	45	50	53	54	65	58	42	40	39	45	54	54	49	62	60	43	36	42	47	57	42	52	46.6
	Minimum	15	19	25	23	25	21	25	26	20	25	23	25	30	36	36	28	27	23	23	25	30	35	35	40	40	24	24	24	30	28	25	26.6
Harrisburg Arpt.[1-3.5 S	Maximum	32	33	32	35	39	42	42	38	40	41	45	53	50	65	54	41	36	38	46	49	50	45	64	63	53	33	41	45	56	42	55	45.1
	Minimum	12	29	27	24	28	28	29	27	29	30	27	24	27	41	32	26	27	24	22	24	34	32	33	50	24	24	26	26	33	31	24	28.2
Hawley-0.5 E	Maximum	32	35	33	34	36	37	37	37	36	37	41	45	50	59	52	38	36	32	43	49	52	38	56	53	55	48	27	34	39	44	41	41.2
	Minimum	− 1	25	23	21	22	31	25	12	19	25	29	19	18	35	29	16	17	11	12	16	23	30	21	41	24	15	19	11	23	24	13	20.7
Hewitt-2 SW	Maximum	38	35	34	35	40	46	45	38	38	39	45	42	53	46	51	50	48	44	50	53	55	48	64	62	48	40	53	55	52	51	58	47.0
	Minimum	2	22	21	22	23	12	12	20	17	25	13	19	15	20	32	25	21	17	15	20	30	30	33	45	29	21	23	20	19	25	25	21.7
Holtwood[1]	Maximum	34	35	34	36	39	41	39	37	38	39	41	47	48	62	50	39	36	37	42	47	48	45	61	55	55	34	39	42	54	44	50	43.5
	Minimum	14	30	29	27	28	28	28	28	25	27	28	27	27	39	34	28	29	27	25	26	34	35	32	46	32	27	28	28	32	31	26	29.2
Huntingdon	Maximum	29	31	29	34	37	42	41	34	38	39	46	53	50	57	60	36	36	36	44	57	44	44	59	59	52	30	37	43	60	42	56	43.7
	Minimum	8	26	25	26	26	23	25	24	24	29	22	17	20	30	30	25	25	22	15	17	26	29	26	46	25	19	19	16	29	26	15	23.7

Continued on page 23.

Daily Temperatures for March 1947 – Continued from page 22.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana 2.5 SE	Maximum	30	31	30	30	34	38	35	37	34	36	43	52	50	54	39	31	30	32	42	47	37	38	52	55	53	28	32	40	44	42	54	39.7
	Minimum	4	25	20	21	19	22	28	20	16	24	10	14	29	38	26	22	18	20	13	18	30	30	26	39	25	16	21	7	30	19	16	24.4
Irwin	Maximum	30	33	30	32	37	37	38	37	34	36	42	53	51	48	40	33	30	35	42	42	39	40	53	57	54	30	34	40	50	48	55	40.6
	Minimum	10	26	21	22	19	21	27	23	21	25	20	17	27	40	27	23	22	22	20	20	33	29	31	38	26	18	22	14	32	24	19	23.7
Jamestown/-2 NW	Maximum	32	35	27	35	35	38	36	35	37	37	38	49	49	50	34	36	33	37	43	46	40	43	58	58	31	27	35	42	42	35	46	39.3
	Minimum	5	20	19	19	16	19	20	14	19	28	12	13	21	34	24	18	12	19	15	20	20	28	29	42	24	14	15	3	16	21	17	19.1
Johnstown	Maximum	30	34	27	32	37	38	37	40	35	37	48	56	51	57	41	34	30	32	45	49	40	40	56	56	31	30	34	43	51	40	58	40.9
	Minimum	9	15	21	22	22	25	30	25	25	26	21	20	24	35	35	23	23	20	19	25	34	31	30	41	31	17	20	18	30	19	22	24.5
Kane[1]-1 N	Maximum	27	27	24	26	30	34	33	31	32	35	40	48	46	47	32	29	26	29	39	42	39	35	50	49	47	23	30	38	39	32	43	35.5
	Minimum	– 8	21	19	19	19	23	13	– 4	20	22	17	4	15	31	19	17	16	6	0	14	22	23	26	35	14	12	4	– 4	24	7	1	14.4
Lancaster	Maximum	34	35	35	38	42	46	44	41	44	45	49	52	52	65	61	45	41	39	46	52	52	50	61	62	57	40	44	46	60	57	54	48.0
	Minimum	6	28	27	22	25	25	27	23	21	25	25	20	22	40	31	25	26	23	18	19	28	32	28	40	38	25	25	21	28	30	18	25.5
Lawrenceville	Maximum	32	33	30	35	40	38	39	34	39	38	40	48	50	55	45	37	30	32	46	47	47	38	50	57	52	28	33	40	43	40	47	40.7
	Minimum	8	25	23	22	20	30	21	8	22	27	30	20	19	37	34	23	20	15	12	20	20	30	25	41	21	14	18	12	30	22	14	22.0
Lebanon	Maximum	33	33	32	36	38	42	44	38	40	41	45	51	53	64	55	40	37	37	45	51	53	45	62	58	44	35	40	45	56	43	51	44.7
	Minimum	14	21	26	23	25	26	30	27	27	27	28	24	27	32	34	27	25	22	21	23	27	34	30	34	42	23	24	24	30	29	22	26.7
Lewistown-2 SW	Maximum	30	31	32	34	39	44	43	40	40	42	48	53	53	62	51	38	36	38	47	52	50	45	63	60	39	32	38	45	53	42	56	42.6
	Minimum	10	17	26	25	26	26	30	25	25	28	22	22	26	33	26	26	23	20	22	22	25	27	32	39	22	22	22	26	26	26	19	24.1
Lock Haven[6]	Maximum	30	31	31	34	38	45	41	39	39	41	46	52	51	58	47	35	34	39	46	50	47	45	60	58	56	30	37	43	50	42	54	43.5
	Minimum	10	27	23	24	25	30	30	22	25	29	27	24	23	38	31	24	22	23	17	22	26	33	28	42	25	18	22	18	30	26	18	25.2
Marcus Hook	Maximum	39	39	39	42	46	51	49	40	48	50	53	55	65	64	55	47	45	43	45	54	54	52	56	58	56	40	45	46	57	50	50	49.6
	Minimum	26	34	28	27	29	30	34	29	29	30	32	33	31	37	37	31	30	27	27	27	34	34	34	36	47	29	27	30	33	34	29	31.5
Martinsburg[1,5]	Maximum	28	28	24	28	33	37	34	37	30	33	40	50	46	55	42	32	28	30	41	46	38	35	57	56	51	24	33	40	46	37	52	38.4
	Minimum	5	23	18	18	20	23	26	21	22	24	20	20	30	35	26	21	20	19	19	22	25	29	31	46	18	15	19	17	30	21	19	22.6
Meadville -1 S	Maximum	30	30	25	30	31	37	32	31	32	34	40	51	47	46	32	32	29	35	42	45	37	41	55	52	26	29	37	39	42	36	47	37.2
	Minimum	5	19	20	20	17	20	25	14	15	23	20	13	15	35	25	19	17	19	15	20	20	29	29	39	25	15	11	3	22	20	14	19.5
Mercer[1] 2.5 NE	Maximum	27	30	23	29	29	34	32	31	32	32	39	47	45	48	32	29	26	31	41	44	36	39	54	52	50	23	30	36	40	33	46	36.1
	Minimum	12	23	19	20	16	23	21	15	21	23	14	20	31	30	21	18	18	19	16	22	23	28	33	46	16	14	12	7	23	19	18	20.7
Middletown[1]-1.5 W	Maximum	32	34	31	34	38	42	40	39	40	42	45	50	50	63	53	42	36	38	44	50	52	45	63	61	51	35	40	46	55	44	52	44.7
	Minimum	12	29	27	25	27	28	29	27	27	27	26	23	26	42	33	29	27	25	22	22	33	31	30	49	27	25	27	23	34	29	26	27.8
Midland[6]	Maximum	32	35	29	33	35	38	37	33	35	36	43	49	49	53	38	34	31	35	44	45	34	43	57	58	55	29	34	41	50	38	53	40.7
	Minimum	19	26	22	23	18	27	29	23	25	25	20	22	27	36	25	22	20	22	22	24	30	32	35	46	21	19	23	18	33	24	25	25.3
Montrose -3 E	Maximum	27	32	24	29	31	32	31	31	32	31	35	42	45	53	42	31	27	28	40	44	46	33	50	50	37	24	30	35	40	31	44	35.7
	Minimum	12	14	20	20	20	20	20	10	13	21	23	20	21	28	30	16	19	13	14	17	23	25	23	26	28	10	11	14	19	19	17	18.9
Mt. Pocono[1]-2 N	Maximum	27	32	23	28	33	33	30	30	30	32	36	39	43	54	45	31	28	28	38	43	45	34	50	48	47	25	29	35	40	34	44	35.9
	Minimum	5	21	19	17	18	25	16	12	15	21	21	18	19	32	23	15	13	12	10	18	26	24	22	40	15	11	15	11	25	17	13	18.4
New Bloomfield	Maximum	31	33	31	35	38	44	40	38	40	43	46	51	47	62	50	39	36	37	46	50	48	46	63	61	56	34	39	46	53	48	54	44.7
	Minimum	5	25	24	22	23	22	30	21	22	26	18	17	20	35	33	25	20	21	16	18	24	31	24	47	27	21	23	20	27	26	15	23.5
Newburg[1]-3.5 NW	Maximum	24	26	24	24	28	38	32	30	32	36	40	46	38	56	42	32	28	30	40	46	44	38	58	56	56	22	35	39	46	48	48	38.1
	Minimum	10	10	12	14	20	20	20	14	14	22	18	16	10	27	26	20	18	18	14	14	26	22	24	38	16	16	20	18	20	24	16	18.6
New Castle[6]-1.5 N	Maximum	30	34	29	33	34	38	35	35	35	39	41	51	48	49	36	32	31	36	45	45	38	44	57	56	54	29	34	41	49	38	53	40.3
	Minimum	15	25	20	23	20	26	25	19	23	24	19	18	24	36	23	20	20	19	19	20	23	30	36	47	21	17	18	13	29	22	20	23.0
Palmerton[1]	Maximum	32	34	32	34	39	40	38	37	38	38	41	46	48	60	51	38	34	36	42	48	50	41	59	53	51	31	37	41	50	41	50	42.3
	Minimum	8	25	23	23	25	33	27	24	21	30	28	21	21	41	33	23	25	21	18	21	27	30	26	46	24	22	24	19	27	27	18	25.2
Park Place[1]-1 NW	Maximum	25	30	23	28	33	35	32	30	32	32	35	42	42	55	46	31	29	30	39	44	44	35	54	52	49	25	31	37	43	37	45	36.9
	Minimum	14	20	19	16	19	25	19	15	17	22	25	22	24	32	23	18	16	14	17	23	28	27	24	44	15	14	16	14	27	20	17	20.8
Phila. Arpt.[1]-7 SW	Maximum	37	38	35	37	41	44	41	36	42	44	47	50	55	65	56	43	39	39	43	50	53	45	58	57	56	35	41	45	58	46	52	46.1
	Minimum	18	28	27	27	27	28	32	28	27	27	29	29	26	44	36	30	29	26	25	28	30	35	32	47	28	27	23	28	32	34	28	29.4
Philadelphia C.O.[1]	Maximum	36	39	34	36	42	46	44	38	42	44	47	52	54	65	55	42	38	38	43	52	54	45	57	55	55	35	40	45	55	46	52	46.0
	Minimum	26	28	27	27	30	32	34	28	28	31	34	35	34	45	39	32	31	28	30	32	35	36	35	50	30	27	26	29	33	35	30	32.1
Phila. Shawmont	Maximum	37	38	36	41	42	43	42	40	42	47	46	50	55	65	56	42	40	39	44	52	53	50	59	58	57	40	40	44	57	55	53	47.2
	Minimum	14	35	27	27	30	29	30	29	26	26	27	25	26	43	27	33	30	27	22	33	28	36	29	47	40	27	23	27	30	34	23	29.4
Philipsburg[1]-7 E	Maximum	22	27	22	25	29	33	32	33	29	32	38	44	42	51	36	26	25	27	36	43	38	35	53	55	49	22	30	36	43	32	47	35.2
	Minimum	– 5	20	18	17	18	22	18	16	17	21	8	8	30	32	22	17	18	10	3	15	25	21	22	41	15	13	15	5	26	16	10	17.3
Phoenixville-1.5 SE	Maximum	36	37	33	36	40	43	39	42	43	44	47	51	54	62	62	47	42	39	45	56	62	55	66	65	59	39	43	46	55	53	54	48.2
	Minimum	14	29	27	26	26	27	23	26	24	24	24	44	41	53	41	45	26	20	18	25	36	24	48	39	27	21	25	25	32	17	28.7
Pittsburgh Arpt.[1]-7.5 SE	Maximum	32	33	26	30	35	38	35	34	34	35	39	52	51	53	36	31	30	36	47	45	37	41	58	55	52	27	31	41	49	42	51	39.9
	Minimum	19	23	20	20	19	26	26	22	22	25	26	28	34	35	24	22	20	20	23	29	32	29	36	48	21	16	21	20	28	22	27	25.3
Pittsburgh City Office[1]	Maximum	34	35	30	34	39	40	38	37	35	37	43	53	53	54	38	33	33	37	46	44	40	43	61	60	54	30	36	43	51	41	53	42.1
	Minimum	22	27	23	24	23	30	29	26	24	27	26	27	32	38	27	26	24	25	28	28	34	32	39	51	23	19	25	24	30	26	27	27.9
Port Clinton/	Maximum	32	32	30	33	37	40	38	35	38	40	42	48	54	61	52	37	35	35	43	49	50	44	59	54	44	30	38	41	52	41	50	42.4
	Minimum	9	16	20	20	25	31	30	23	25	26	29	20	20	23	34	25	22	23	25	28	28	34	32	39	51	28	30	42	26	23	19	25.3
Putneyville/-2.5 SE	Maximum	29	31	25	30	33	38	35	34	34	36	40	49	49	50	36	29	29	33	41	42	46	47	55	53	29	26	33	40	46	37	51	38.3
	Minimum	4	15	16	16	15	14	15	14	15	20	9	10	14	23	27	16	15	16	10	16	18	26	24	34	25	12	13	6	11	18	13	16.1
Quakertown-0.5 E	Maximum	35	37	38	35	38	40	43	40	38	41	44	46	52	62	59	50	38	36	49	49	52	47	58	55	54	36	39	30	53	53	49	45.3
	Minimum	27	21	24	23	25	28	25	23	22	27	25	22	20	37	31	24	25	22	17	18	23	31	25	45	35	23	22	22	27	30	17	25.4
Reading[1]	Maximum	35	36	33	36	41	45	42	40	41	42	46	52	52	64	57	40	37	38	44	52	53	46	62	57	55	34	41	44	56	44	52	45.7
	Minimum	15	27	26	26	28	32	31	28	27	32	33	27	28	41	34	29	28	25	27	26	33	35	34	50	31	24	24	26	34	31	24	29.5
Ridgway/	Maximum	28	29	26	30	33	36	37	34	33	35	44	51	48	51	34	30	29	31	42	44	36	39	58	52	31	26	33	40	43	36	46	37.4
	Minimum	0	5	19	19	16	17	21	8	7	19	17	10	11	18	23	17	15	15	8	14	17	16	22	33	28	12	12	– 5	– 3	15	6	13.9
Scranton[1]	Maximum	33	35	28	34	36	38	33	34	34	35	39	44	51	60	51	35	31	31	43	47	50	40	56	54	52	28	33	38	44	37	47	40.4
	Minimum	11	26	24	22	26	32	26	18	23	28	31	23	23	42	29	24	24	21	19	24	30	31	29	49	21	16	21	20	31	26	20	25.5
Selinsgrove	Maximum	31	33	31	34	40	44	42	37	42	42	47	50	50	62	51	38	36	39	46	50	50	47	63	59	55	31	38	44	51	44	50	44.4
	Minimum	10	27	26	25	26	30	30	24	26	29	27	21	23	36	33	23	24	21	17	27	22	31	26	46	24	20	20	18	28	28	30	25.7
Shippensburg	Maximum	34	33	30	33	37	43	42	39	39	42	48	51	48	66	54	38	35	36	45	50	48	45	64	62	56	33	40	45	55	47	53	44.9
	Minimum	10	25	24	23	24	24	31	25	22	28	21	21	25	35	35	27	24	23	21	20	31	34	31	48	30	21	24	23	31	28	21	26.1
Somerset	Maximum	27	27	22	26	33	37	34	36	29	33	43	52	47	52	38	29	27	30	40	44	35	35	51	53	50	24	30	37	47	42	55	37.6
	Minimum	– 7	22	16	16	15	18	23	20	17	19	12	9	19	36	26	18	15	16	9	15	30	26	24	41	20	13	16	1	21	19	13	18.9
Springs[6]-1 SW	Maximum	23	26	21	26	31	35	33	34	26	30	38	47	45	49	39	26	27	28	38	40	35	31	52	53	49	22	26	33	44	37	54	§35.4
	Minimum	– 1	19	16	15	15	25	23	20	16	18	11	12	21	28	23	17	17	16	7	14	30	21	17	38	21	13	16	4	27	18	15	§17.8
State College[1]	Maximum	28	31	27	30	34	38	38	35	34	36	44	49	48	55	43	32	29	32	42	48	45	38	56	55	53	26	33	38	45	37	52	39.7
	Minimum	12	25	23	21	22	27	26	21	23	26	21	23	30	37	26	21	22	20	19	25	28	30	30	50	19	15	21	16	32	22	20	24.3
Stroudsburg-2 E	Maximum	35	38	35	36	41	42	42	40	37	40	40	48	47	62	59	52	37	38	45	51	55	53	52	52	51	33	38	44	47	42	54	44.7
	Minimum	5	27	25	23	23	33	28	20	18	23	30	19	20	43	31	24	24	18	16	19	25	33	25	36	31	20	22	17	26	23	17	24.0
Tamarack/-2 S	Maximum	23	28	22	27	28	44	36	31	33	36	40	43	43	52	34	30	26	33	40	42	38	36	54	48	30	22	29	36	40	34	45	35.6
	Minimum	11	13	18	16	16	16	21	13	13	14	20	21	23	29	20	15	14	14	14	18	24	25	25	28	29	11	11	11	14	15	16	17.7
Tionesta/-1.5 SE	Maximum	29	29	24	29	30	35	34	34	31	35	42	49	49	49	46	30	28	31	40	45	38	39	50	52	31	26	32	36	40	40	45	§37.0
	Minimum	3	21	18	20	19	18	13	8	17	21	22	9	16	21	30	19	19	18	5	10	25	25	25	35	20	17	18	7	12	25	14	§17.7
Titusville-2 S	Maximum	28	27	21	27	29	35	31	32	31	34	41	46	45	44	34	30	26	31	40	44	39	36	49	51	49	24	31	35	34	34	43	35.6
	Minimum	3	23	18	18	15	16	23	5	19	22	22	11	27	32	22	17	14	16	8	19	23	27	25	42	16	14	13	6	28	17	10	18.4
Towanda-1 E	Maximum	33	34	31	36	39	38	38	38	39	37	42	46	51	60	49	37	33	36	47	48	49	42	58	57	52	30	36	40	46	39	48	42.2
	Minimum	7	26	24	23	25	31	23	12	20	27	30	19	20	38	33	23	22	18	13	19	23	32	22	43	24	15	21	15	25	24	14	23.1
Tunkhannock/	Maximum	34	36	32	37	38	38	35	36	37	36	43	45	53	62	52	38	34	34	44	49	50	39	59	59	43	29	36	41	48	39	49	42.1
	Minimum	2	10	23	22	24	26	23	10	17	26	28	15	15	26	32	20	18	18	12	18	24	31	22	33	40	15	18	14	25	24	14	20.8
Uniontown	Maximum	32	35	29	35	40	41	38	39	34	37	42	58	57	58	41	33	35	37	46	49	39	46	56	55	58	30	35	45	52	50	59	43.3
	Minimum	15	28	23	22	20	25	30	25	23	25	27	25	37	41	29	22	19	24	21	24	35	31	32	50	28	21	22	14	34	23	21	26.3

Continued on page 24.

Daily Temperatures for March 1947—Continued from page 23.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum	31	34	30	34	39	41	39	40	36	37	45	55	54	56	38	33	34	37	43	44	38	43	59	60	54	34	35	42	45	40	51	42.0
	Minimum	12	26	23	23	22	27	27	25	24	27	19	19	25	38	28	24	21	23	19	21	32	32	34	50	25	18	23	16	33	25	20	25.2
Warren	Maximum	31	32	26	29	35	37	37	35	38	37	45	50	49	48	36	35	34	32	45	47	35	54	51	48	50	32	35	42	38	36	47	39.4
	Minimum	5	23	20	20	19	25	20	10	12	24	23	13	23	33	20	19	18	18	9	28	23	28	29	26	15	14	13	5	30	18	10	19.0
Waynesburg	Maximum	31	36	28	31	37	39	38	37	36	35	43	56	53	51	38	31	31	36	45	45	36	42	58	60	53	31	31	40	51	49	59	41.5
	Minimum	11	23	23	20	18	21	28	23	23	25	25	18	23	37	26	20	18	22	20	20	32	29	32	47	28	18	21	17	36	20	17	23.9
Wellsboro/	Maximum	28	33	26	33	38	36	40	38	39	37	41	50	47	55	41	37	29	36	48	48	49	40	63	60	36	27	37	41	41	37	46	40.5
	Minimum	4	9	22	20	21	21	20	3	3	22	25	16	17	17	26	18	13	11	10	11	18	18	22	32	35	14	13	10	12	21	10	16.6
Wellsville	Maximum	34	34	32	34	37	43	41	36	39	42	46	48	47	65	55	42	37	37	44	49	50	46	63	60	58	34	40	45	56	53	52	45.1
	Minimum	0	27	26	24	25	13	22	22	12	26	18	19	21	38	30	27	25	21	16	18	32	34	24	46	33	22	24	21	21	30	18	23.7
West Chester	Maximum	36	38	36	36	40	44	41	36	40	42	41	50	54	65	57	43	38	37	43	52	52	46	59	56	54	35	40	44	53	52	51	45.5
	Minimum	15	28	25	24	26	27	29	26	24	27	29	27	27	40	35	26	27	24	23	26	32	35	30	48	35	25	25	26	32	31	26	28.4
Wilkes-Barre[1] Apt. -3N.	Maximum	33	36	33	34	40	38	37	36	37	38	41	45	49	63	50	35	33	35	43	50	51	41	58	56	54	32	35	42	47	41	50	42.4
	Minimum	9	28	25	23	26	33	24	21	22	30	28	22	23	39	35	24	23	20	18	23	27	28	26	45	23	18	23	18	29	26	18	25.1
Williamsport Arpt.[1]-4 E	Maximum	28	31	30	35	38	42	39	36	37	41	44	50	48	56	48	33	32	36	44	48	49	43	60	56	53	31	38	42	48	41	50	42.2
	Minimum	11	26	26	24	26	31	25	22	26	30	27	22	24	38	28	24	23	21	18	22	26	26	26	42	23	21	22	18	28	24	17	24.7
Williamstown	Maximum	31	31	28	32	38	43	39	38	37	40	43	51	49	63	53	38	34	35	43	48	50	44	61	58	55	30	37	41	51	38	51	§42.9
	Minimum	6	22	24	22	25	29	24	23	25	27	30	18	23	37	34	24	23	24	15	19	25	34	26	47	29	20	22	20	26	24	15	§24.6
York-3 SW	Maximum	36	35	34	38	45	46	46	43	43	44	48	53	51	67	57	44	40	40	47	54	52	48	65	64	58	35	42	47	55	54	55	47.9
	Minimum	5	28	27	23	25	17	30	25	17	24	19	20	24	40	33	26	27	24	28	21	30	31	25	48	34	25	25	23	29	30	20	25.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.49	12	28.64	25	9.9	39	w.	25	86	77	85	23	1035
Harrisburg	30.52	12	28.94	25	10.7	34	w.	25	70	49	59	72	880
Philadelphia	30.52	12	28.95	25	9.4	26	s.	29	75	49	60	67	808
Philipsburg	30.48	12	28.91	25	.....	45	w.	25§	85	66	76	.....	1199
Pittsburgh	30.48	12	28.99	25	12.9	50	s.	25	77	60	68	28	1008
Reading	30.54	12	28.94	25	14.5	47	w.	25	66	.....	.....	60	848
Scranton	30.56	12	28.86	25	8.1	32	w.	25	75	60†	.....	62	991

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. ° One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.1	8.4	15	2.1	3	18
Easton	Delaware	5.1	13.6	16	1.8	4	22
Lehighton	Lehigh	4.2	7.0	16	3.0	9	9
Reading	Schuylkill	5.5	10.5	14	3.6	1	13
Wilkes-Barre	N. Br. Susquehanna	7.2	16.6	26	2.8	4	22
Williamsport	W. Br. Susquehanna	3.6	8.0	26	1.2	4	20
Newport	Juniata	5.2	7.9	16	4.0	6	22
Harrisburg	Susquehanna	5.5	8.2	27	4.1	14	17
Schenley, (nr) Lock No. 5.	Allegheny	15.3	21.8	26	12.6	4†	24
Sutersville	Youghiogheny	5.5	9.9	15	3.8	6	20
Charleroi(nr.), Lock No. 4	Monongahela	14.5	20.5	16	11.6	3	30
Pittsburgh	Ohio	•	19.3	26	•	.....	25
Midland, Dam No. 7	Ohio	•	21.9	16	•	.....	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS
(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras								1		1																			1		
Fog, heavy			3										4	5						3	6			7							
Frost, killing																															2
Glaze		6	1						1				1										1								
Hail														1																	
Rain, heavy																															
Sleet		2	13										5		2						1		3						1		
Snow, heavy				2																											
Thunderstorms														4	1								1	8	8						
Winds, high		6	15	4	1	2	9	7					8	15	12	4	7	5				5	6	10	4	9	4	5	14	7	15	17

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T, Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
° Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

(W. B. O., Philadelphia—6-13-47—1100)

51.05
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LII. APRIL 1947. No. 4.

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GENERAL SUMMARY.

After two months of unpleasant weather, April was a welcome relief. Relatively high daytime temperatures brought the month above normal, although the nights were cool. There was considerable windiness, but this generally occurred on warm days. Precipitation was above normal, and at several widely scattered stations was as much as twice the normal.

In general there were about as many days with temperature excess as with deficiency, and both warm and cool spells lasted only a few days. There were several days on which maximum temperatures in the 70's and 80's were recorded, and Easter Sunday (April 6) was one of them.

Precipitation was frequent and copious. The heaviest rains in many places came on April 5, which resulted in flooding at Towanda and Wilkes-Barre, and in some low portions of the city of Wellsboro, the Lackawanna Valley cities and towns, and several smaller communities. Total damage was estimated initially at about a million dollars. Thirty-four bridges were wrecked in the State, with replacement value estimated at $150,000. At Meadville one life was lost, that of 14-year old Richard Ross, who rode his bicycle into the swirling waters and drowned in about five feet of water. Thousands of people had to spend their Easter away from their homes, as they were evacuated to avoid flood dangers. There was some heavy rain toward the end of the month, but luckily, without flooding.

Windiness was very much in evidence throughout the month, and the highest velocities occurred on Easter in most places. At Pittsburgh on that day, extensive damage was done to utility poles, trees, porches, roofs and windows by winds reaching 80 m. p. h., while at Wilkes-Barre, four airplanes were slightly damaged by winds reaching 60 m. p. h.

Electrical phenomena of a peculiar nature occurred in Buchanan Valley, near Cashtown, in Adams County over a radius of about a mile and a half, on April 2, causing damage of several hundred dollars to four buildings, setting fire to one of them and putting power and telephone lines out of service. There were at least two lightning bolts as the storm swept through the valley, accompanied by a brief but torrential rain. Some people believe that there was a deluge of lightning bolts, while others thought that there was a meteor shower. Between 10:15 P. M. and 10:30 P. M., as reported by several residents, the earth was lit up as if by the sun and balls of fire floated about inside and outside of houses. An oak tree more than a foot in diameter and a nearby ash tree of the same size were shattered and splintery fragments covered the ground for a radius of 75 yards. The tree trunks looked as if they had been dynamited. Great holes were torn in the rocky mountainside, resembling shellholes. Furrows were plowed in the earth. A four-strand wire fence disappeared, completely burned away except for a few wire fragments with fused, melted ends. The staples and the posts that had supported the fence looked untouched. Mr. W. E. Cole reported that at 10:15 P. M., there was a sound like a pistol shot, and the lights went out. Mr. Cole then saw a red ball of fire more than a foot in diameter. He rushed to the cellar to turn off the electricity. As his hand left the fuse box he heard another shot-like sound, and more glowing balls of fire appeared about him. Mrs. J. B. Kaiser reported similar experiences. The next morning she found the ground around the house covered with charred shreds of trees. Near the trees the ground was almost white with fragments no larger than toothpicks. Mr. Frank Dillon reported that the fireballs seemed to roll right through their house. Mr. and Mrs. Fred Boyer saw the fireballs outside their house. The home of Mr. Paul McKendrick was set ablaze when their radio went up in flames. Some people said they thought it looked like the end of the world.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 49.1°, which is 0.5° above the 60-year normal for April. The highest monthly mean was 56.0° at Donora, and the lowest was 41.8° at Eagles Mere. Extremes ranged from a maximum of 85° at Lancaster on the 5th, to a minimum of 11° at Emporium and Ridgway on the 1st.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 213 stations, was 3.86 inches, which is 0.44 inch above the 60-year normal for April. The greatest monthly amount was 8.88 inches at Erie, while the least was 1.38 inches at Hyndman. The greatest amount recorded in any 24 consecutive hours was 4.06 inches at Philadelphia City Office on the 30th-1st.

The average snowfall for the State was 0.1 inch, which is 2.0 inches below the 60-year normal. The greatest monthly snowfall was 6.5 inches at Bradford. The greatest fall for any observational day was 4.0 inches at Bradford on the 1st-2d and Tamarack on the 25-26th.

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	47.2	92	12	2.52	1.3	8	14	10	6
1889	49.7	88	14	4.50	0.9	11	11	8	11
1890	48.6	85	12	3.46	0.4	10	14	8	8
1891	49.8	87	11	2.08	1.2	8	13	9	8
1892	46.9	85	14	2.04	1.1	10	10	10	10
1893	47.7	85	16	4.74	0.6	14	7	10	13
1894	48.0	83	5	3.62	14.7	11	11	8	11
1895	49.2	90	5	3.76	0.2	10	10	8	12
1896	53.0	97	4	1.75	0.9	8	10	10	10
1897	49.0	92	12	3.30	0.3	10	12	9	9
1898	45.6	84	4	2.93	2.5	12	9	8	13
1899	50.2	92	2	1.76	0.5	6	15	9	6
1900	49.2	90	13	1.57	0.9	8	14	8	8
1901	47.2	95	10	5.41	4.9	11	9	5	16
1902	48.0	91	20	3.56	3.0	9	8	10	12
1903	48.8	90	12	3.53	T	10	11	7	12
1904	44.7	86	9	3.45	1.0	13	8	8	14
1905	48.4	84	16	2.84	2.8	12	9	11	10
1906	50.0	89	12	3.13	0.6	9	14	8	8
1907	43.6	84	8	2.64	4.0	11	10	7	13
1908	49.8	89	0	3.51	1.0	12	12	8	10
1909	48.5	87	8	5.39	2.6	13	10	9	11
1910	52.6	89	13	5.07	0.6	13	10	9	11
1911	46.2	84	6	3.79	4.4	13	11	7	12
1912	50.2	83	18	4.39	1.6	15	10	7	13
1913	50.6	90	17	3.82	0.2	11	12	6	12
1914	47.3	93	5	4.66	1.1	14	10	8	12
1915	53.9	98	15	1.92	1.6	8	13	10	7
1916	48.0	87	16	3.65	5.6	14	9	9	12
1917	48.5	87	14	2.08	2.6	9	11	10	9
1918	48.2	81	12	4.53	10.8	14	10	9	11
1919	48.5	90	6	2.70	1.2	11	10	10	10
1920	46.0	87	8	4.39	3.0	16	9	9	12
1921	55.3	96	10	3.11	0.8	11	13	7	10
1922	50.1	91	11	3.17	0.4	12	12	9	9
1923	48.3	89	−5	2.94	1.9	9	14	8	8
1924	46.5	82	6	4.15	7.4	12	13	7	10
1925	51.3	96	9	2.32	0.5	10	15	7	8
1926	44.9	84	9	2.08	0.9	9	12	9	9
1927	47.7	92	17	3.52	1.0	13	12	7	11
1928	46.0	88	11	5.50	6.5	13	12	8	10
1929	51.4	94	19	6.12	1.1	15	9	8	13
1930	48.2	92	9	2.71	1.1	10	11	8	11
1931	48.4	85	16	3.33	2.3	10	14	6	10
1932	47.0	86	14	1.71	1.2	8	14	6	10
1933	50.9	89	15	4.49	0.5	13	12	8	10
1934	48.9	86	14	3.06	0.6	11	13	8	9
1935	47.1	91	12	2.56	2.9	11	11	7	12
1936	46.1	90	14	3.01	1.3	14	8	8	14
1937	47.7	89	19	5.53	0.2	14	9	8	13
1938	51.3	92	11	2.85	3.5	10	13	7	10
1939	46.7	90	9	3.70	1.0	15	7	9	14
1940	45.1	82	9	5.30	2.3	12	9	7	14
1941	55.1	94	18	2.02	T.	6	17	7	6
1942	52.8	94	14	2.21	4.5	7	13	8	9
1943	43.1	83	7	3.97	3.7	14	9	9	12
1944	45.5	81	6	4.06	2.5	16	7	8	15
1945	52.4	90	18	4.17	T.	13	10	8	12
1946	47.8	88	13	1.19	0.3	9	11	9	10
1947	49.1	85	11	3.86	0.1	14	8	9	13
Period	48.6	98	−5	3.42	2.1	11	11	8	11

Climatological Data for April 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours‡	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 9-4 NE	Lehigh	384	6	48.5	−0.2	80	6	27	1	5.35	+1.95	1.84	30-1	0	14	4	13	13	sw.	U.S. Weather Bureau.
Altoona-4.5 W	Blair	1,500	61	50.4	+2.3	79	24	24	28	3.09	−0.36	1.34	25	0	16	11	13	6	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	5	50.0	.....	80	30	22	8	2.92	.....	0.83	30-1	0	10	12	3	15	w.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	7	43.4	.....	73	30	22	8	5.11	.....	1.64	5	1.0	15	13	5	12	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	53.4	+2.7	82	6†	27	4	4.43	+0.89	2.10	30-1	0	12	12	9	9	se.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	431	59	49.9	−0.6	82	6	26	1†	2.65	−1.08	0.76	16	0	15	18	0	12	sw.	Philadelphia Electric Co.
Coatesville	Chester	215	4	44.6	.....	72	11	17	28	4.46	.....	1.16	25	1.7	16	4	4	22	se.	U. S. Weather Bureau.
Curwensville Apt-6 NW	Clearfield	2,215	5	41.8	.....	73	6	17	1	4.07	+0.37	0.93	5-6	1.8	16	10	7	13	s.	Carl E. Bigger.
Eagles Mere	Sullivan	2,020	5	47.5	.....	76	30	25	8	3.02	−0.69	1.18	21	T	16	5	9	16	se.	U. S. Weather Bureau.
East Waterford-3 E	Juniata	2,125	9	47.5	.	76	30	25	8	3.02	−0.69	1.18	21	T	16	5	9	16	se.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	60	45.6	−1.1	77	6†	11	1	4.78	+1.26	0 92	25-26	T.	19	6	4	20	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	49	53.2	+2.6	83	6	31	1†	3.90	+0.50	0.91	16	0	11	9	17	4	e.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	24	50.3	+1.4	84	5	18	4	1.63	+1.57	0.59	25	0	10	8	9	13	e.	Penna. Turnpike Comm
Freeland	Luzerne	1,970	53	45.4	+0.9	73	6	28	27†	4.67§	+0.63	0.94	2	0	14	5	0	25	w.	Andrew B. Evansha.
George School	Bucks	184	40	49.8	−0.6	78	6†	25	1	3.63	+0.07	0.86	2	0	12	15	9	6	w.	George M. Hart.
Gettysburg	Adams	500	73	54.8	+3.8	81	6	30	1†	1.81	−1.84	0.63	30	0	11	16	5	9	s.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	48.8	+1.2	79	6	24	4†	4.32	+0.22	0.77	4-5	0	12	12	5	13	ne.	Miss Sallie M. Johnson.
Hanover	York	600	42	52.6	+0.2	83	6	32	8†	2.02	−1.54	1.21	30	0	13	13	8	9	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	77	52.1	+1.2	80	6	32	4	3.13	+0.44	1.01	30-1	0	14	4	9	17	se.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	36	46.1	+0.5	76	6†	21	4	6.07	+2.80	2.71	4-5	2.6	16	11	10	9	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	31	51.4	−0.1	81	6	32	1	1.50	−1.52	0.88	30-1	0	12	7	10	13	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	51.9	+1.5	79	30	25	1†	2.91	−0.56	0.95	16	0	14	4	8	18	w.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	59	52.8	+3.2	85	6	25	1	2.71	−0.80	0.92	30-1	0	12	15	9	6	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	49	47.0	+1.0	74	6	22	4	4.89	+2.08	1.70	5	T.	11	8	12	10	.....	Carlos P. Darling.
Lebanon	Lebanon	469	62	50.4	+0.1	81	6†	30	1	3.36	−0.11	1.56	30-1	0	15	18	5	7	sw.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	8	50.0	.....	80	30	24	1	2.18	.....	0.58	21	0	12	12	6	12	w.	American Viscose Co.
Lock Haven	Clinton	557	55	51.0	+0.7	78	30	26	8	3.29	−0.16	0.73	25	T	17	12	6	12	w.	William R. Kelley.
Marcus Hook	Delaware	12	19	54.2	−0.5	82	12	35	1†	3.27	−0.30	4 05	30-1	0	15	7	10	13	s.	Sun Oil Co.
Martinsburg*	Blair	1,493	4	49.3	.....	78	11	26	8†	1.94	.....	0.44	21	0	16	4	7	19	s.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	41	42.4	−1.3	72	6†	22	28	5.27	+1.91	2.26	5-6	T.	17	7	4	19	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	5	42.7	+0.3	72	6†	22	22	6.51	+2.62	2.09	4-5	0 1	16	5	7	18	n.	U. S. Weather Bureau.
Palmerton	Carbon	455	28	47.9	−0.4	79	6	27	1	4.14	+1.32	1.55	30-1	0	11	11	9	10	ne.	New Jersey Zinc Co.
Philadelphia C. O	Philadelphia	26	76	53.6	+1.5	81	6	35	22	6.76	+3.71	4.06	30-1	0	12	6	13	11	s.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	4	44.6	....	72	11	20	10	3.79	.....	1.22	25	2.5	15	4	4	22	se.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	37	55.0	+3.2	82	6	25	1	2.49	−1.06	1.04	30-1	0	11	16	8	6	w.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	8	47.6	−1.9	79	6	24	1	4.29	+0.15	1.65	30-1	0	16	12	10	8	.....	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	61	50.0	+1.4	78	6	25	1	3.81	+0.36	2.10	30-1	0	15	12	9	9	w.	John E. Benner.
Reading	Berks	273	76	52.4	+1.6	82	6	33	1	4.62	+1.35	1.46	30-1	0	12	9	10	11	se.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	47.6	−0.5	78	30	30	28	6.64	+3.87	2.54	4-5	T.	16	6	8	16	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	56	51.4	+2 0	78	6†	27	8†	4.45	+0 90	1.02	30-1	0	14	12	9	9	s.	Dr. Merle V. Hoover
State College	Centre	1,217	61	49.2	+1.6	76	30	27	8	3 20	−0.24	0.85	25	0.5	14	7	10	13	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	27	50.8	+2.4	80	6	25	1†	4.52	+0.82	1.86	4-5	0	15	10	3	17	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	6	42.8	.....	72	6	20	8†	4.17	.....	0.85	25-26	4.0	16	3	13	14	w.	James E. Swartz.
Towanda-1 E	Bradford	754	52	46.6	+0.1	77	30	22	4	5.46	+2.54	2.45	4-5	T.	14	6	11	13	w.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	76	43.4	−1.1	75	30	14	1	5.07	+1.80	2.24	4-5	1.7	16	7	4	19	w.	M. S. Bliss.
West Chester	Chester	440	97	52.4	+2.4	82	6	32	1†	2.69	−1.07	1.54	30-1	0	14	12	11	7	s.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N	Luzerne	544	8	47.2§	.....	76	30	28	4†	6.14§	.....	2.03	4-5	T.	17	4	6	20	.....	U.S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	2	48.1	.....	76	6	27	4	3.99	.....	0.75	4-5	0	16	3	8	19	se.	U.S. Weather Bureau.
Williamstown	Dauphin	775	30	51.2	+1.5	80	30	27	10†	3.87	+0.43	1.15	30-1	0	14	1	22	7	.....	Gordon E. Lower.
York-3 SW	York	390	58	55.0	+3.9	83	6	26	28	2 27	−0. 98	0.54	21	0	13	9	13	8	w.	York Water Co.
Division mean				**49.2**	.....	**85**	**6**	**11**	**1**	**3.86**	.....	**4.06**	**30-1**	**0.3**	**14**	**9**	**8**	**13**	w.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	11	48.4	.....	80	5	22	28	3.39	−0.70	1.72	25	T.	13	2	3	25	w.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	29	45.0	−0.1	74	23†	18	8†	7.04	+3.38	2.48	4-5	6.5	15	5	12	13	w.	City Water Dept.
Brookville Apt.-1.5SW	Jefferson	1,400	56	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Civil Aeronautics Authority
Butler	Butler	1,077	33	51.7	+3.4	81	6†	22	8†	2.96	−0.47	0.62	16	T.	13	8	4	18	sw.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	36	48.4	.....	80	23	19	28	3.67	−0.05	0.91	25	T.	17	4	7	19	w.	Penna. Electric Co.
Claysville	Washington	1,170	43	50.0	−0.4	82	5	20	28	2.59	+0.92	0.96	25	0	13	7	10	13	sw.	Walter B. Paget.
Corry	Erie	1,410	32	46.1	+1.0	76	23	22	8†	7.47	+3.81	2.36	4-5	T.	17	5	12	13	s.	Geo. R. Mullerick.
Coudersport	Potter	1,653	22	45.2	+0.4	74	11	18	8	4.49	+0.80	1.60	5	.....	7	13	6	11	s.	Potter Enterprise.
Derry	Westmoreland	1,150	49	53.0	+3.4	84	5	24	28	3.53	−0.29	1.91	24-25	T.	12	12	9	9	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	47.7	.....	80	5	17	28	3.22	.....	1.40	25	T.	9	1	25	4	w.	Penna. Turnpike Comm.
Donora	Washington	761	20	56.0	+4.1	83	23	28	28	2.90	+0.73	1.54	25	0	14	7	9	14	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	48.3	+3.1	77	5	21	28	3.19	−0.31	1.30	24-25	T.	13	3	7	20	se.	John L. McGough.
Farrell	Mercer	855	33	51.8	+2.9	83	23	27	8†	4.75	+1.69	1.25	20-21	0	9	12	9	9	ne.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	3	48.8	.....	81	5	23	1†	2.62	.....	1.29	25	0	13	11	3	16	s.	U.S. Engineers.
Franklin	Venango	987	72	47.0	+0.9	77	23	18	1	4.62	+1.44	1.15	16	0	14	12	9	9	n.	William K. Fuller
Greensburg-2 S	Westmoreland	1,160	37	51.8	+1.5	84	5	20	28	3.24	−0.54	1.76	25	0	14	5	14	11	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	45	51.4	+2.1	82	5	20	28	3.32	−0 65	1.74	25-26	0	13	7	15	8	nw.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	5	46.7	.....	82	23	19	28	5.12	+1.82	1.03	4-5	.....	16	.....	.....	.....	e.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	52.7	+1.9	83	5	29	28	2.71	−1.26	0.85	25	0	12	11	7	12	s.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1,750	31	42.9	.....	74	23	16	8†	5.41	+1.53	1.62	4-5	1.5	15	11	4	15	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	52	45.8	+0.2	76	23	20	28	4.24	+0.90	0.96	16	T.	16	5	10	15	sw.	City of Meadville.
Midland	Beaver	780	10	50.7	+0.4	80	5	28	8†	2.75	−0.80	0.76	25	0	16	9	7	14	nw.	Perry P. Campbell.
New Castle 1.5 N	Lawrence	900	66	49.0	+0.4	80	5	23	28	4.58	+1.51	1.29	16	0	15	8	11	11	s.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,286	13	52.0	+2.8	82	5	30	8	2.51	−0. 41	1.22	25	T.	14	3	7	20	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	3	46.2	.....	79	5†	19	8†	3.61	.....	1.44	24-25	T	16	11	5	14	sw.	U.S. Engineers.
Ridgway	Elk	1,385	39	.....	.....	78	11	11	1	4.20	+1.09	1.10	25	T.	16	4	9	17	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	49.4	+3.2	80	5	17	28	2.21	−2.28	0.87	24-25	T	9	6	11	13	w.	D. L. Grove.
Springs-1 SW	Somerset	2,500	27	47.6§	+2.1	78	20	18	28	2.99	−1.01	0.94	24-25	T.	12	5	10	15	w.	Allen E. Yoder.
Tionesta 1.5 SE	Forest	1,200	9	46.7	.....	77	24	21	28	4.86	+1.35	1.25	4-5	T.	17	12	1	17	sw.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	3	46.6	.....	75	11	18	8†	5.70	.....	1.32	16	T.	15	3	13	8	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	58	55.9	+4.5	84	5†	25	28	2.65	−1. 11	1.23	24-25	0	12	11	14	5	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	32	50.2	−0.3	82	23	24	28	2.83	+0. 27	1.30	25	0	15	10	17	3	.....	Carnegie-Illinois Steel Corp.
Warren	Warren	1,190	58	47.6	+2.7	78	11†	21	28	4.30	+0. 77	1.63	4-5	T.	15	15	8	7	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	17	52 9	+2.2	82	5	22	28	2.39	−1. 02	0.95	25	0	7	6	16	8	w.	Thomas S Knox.
Division mean				**49.2**	.....	**84**	**5†**	**11**	**1**	**3.82**	.....	**2.65**	**4-5**	**0.2**	**13**	**8**	**10**	**12**	sw.	
Lake Drainage																				
Albion	Erie	900	3	45.6	.....	78	23	20	28	5.53	.....	1.98	4-5	0	14	9	14	7	sw.	Albion High School
Erie	Erie	705	73	45.2	+0.1	78	23	29	3	8.88	+6.15	3.16	4-5	T.	18	4	11	15	ne.	U. S. Weather Bureau.
State mean				**49.1**	**+0.5**	**85**	**6**	**11**	**1**	**3.86**	**+0.44**	**4.06**	**30-1**	**0.1**	**14**	**8**	**9**	**13**	w.	

[See page 32 for explanation of reference marks.]

Daily Precipitation for April 1947

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike		.03	.66		.73	1.80			.11			.18			.07		.46			.15	.45	.26			.46		.15		.02		5.53
Equinunk[2]	Wayne		T.	.51		.71	1.23			.10	.08		.18			.06	T.	.20	T.	.10	.12	.42	.36			T	.27		.25		T.		4.59
Hawley[2], 0.5 E	Wayne		.02	.73		1.12	1.59			.20	.05		.07			.08		.39		.03	.16	.33	.58				.49		.20		.03		6.07
Hollisterville[2]	Wayne		.02	.71		1.08	1.88			.26	.04		.02			.03	T.	.41	T.	.04	.24	.30	.70			T.	.90		.38		.07		6.59
Lakeville[2], 1 N	Wayne		.02	.71		1.09	1.87			.20	.04		.06			.09	*	.33		.03	.17	.35	.60				.50		.18		.03		6.27
Matamoras[2]	Pike		.09	.89		.66	1.79			.06	.08		.07					.58			.14	.19	.47				.54						5.56
Milanville[2]	Wayne		T.	.86		.86	1.53			.11	.06		.06			.03		.34		.05	.09	.47	.43				.30		.19		.03		5.41
Mount Pocono[1], 2 N	Monroe		.76	T.	.12	1.97	T.	T.		.27		.05	.23		.10		.56	T.	.02	.08	.10	.51			.02	.52	T.	.24				.96		6.51
Pecks Pond[2]	Pike		.03	.62		1.67	1.14			.24	T.		.15			.10		.52	T.	.02	.14	.26	.39			.09	.55		.36		.02		6.30
Pleasant Mount[1, 5], 1 W	Wayne		.64		.11	2.60	.04		.01	.33		.09	.24				.22		.14		.33	.62				.33		.24		.09		6.56
Stroudsburg, 2 E	Monroe		.51			1.86				.10			.05		.01	.01	.64		.01		.03	.68				.31	.22	.06	.01		.02		4.52
Tanners Falls[1, 5], 1 SE	Wayne		.73		.10	2.53				.26		.02	.07		.04		.43		.05		.29	.67				.33	.02	.19			.90		6.77
Wind Gap[1, 5], 3 SW	N'rthampton		.62		.08	1.27				.18			.13		.06		.66					.47				.21		.08			1.69		5.45
LEHIGH																																	
Allentown Apt[1, 5, 3, 4 NE	Lehigh		.72		.10	.97	T.			.25			.09		.08		.66		T.	.01	T.	.43			.02	.31	.01	.06			1.64		5.35
Allentown[2]	Lehigh		.17	.55		.30	.67	T		.26	.01		.05			.07	.01	.56		T.	T.	.46				.02	.22		.05		.01		3.41
Bethlehem[1]	N'rthampton		.76	.05	.18	.86	T.			.24			.02		.10		.56		T	T.	T.	.39			.02	.26		.02			1.44		4.85
Blakeslee Corners[1, 5]	Monroe		.78	.03	.09	1.42	.09			.18		.03	.22		.04		.36			.03	.05	.52			.04	.37	.18	.29			.98		5.70
Gouldsboro[2]	Wayne		.11	.62		.79	1.49			.23			.22			.05		.38		.02	.24	.22	.41			.03	.49		.41		.02		5.73
Lansford[2]	Carbon		.03	.40		.35	*	.78		.24	T.		.22			.10	T.	.75		T.		.80	.39			.04	.42		.13		T.		4.65
New Tripoli	Lehigh		.58	.01		.98	.02			.28		T.	.24		.03	.03	.80	.01	T.			.43		.02	.23	.17	.10			1.56		5.49
Palmerton[1, 5]	Carbon		.39	T.	.04	.96				.16			.16				.57		T.	T.	T	.37			.01	.24		.03			1.51		4.44
Zionsville, 1 SW	Lehigh		.85	.10		.96				.25					.10		.80					.50				.10	.20	.10					3.95
SCHUYLKILL																																	
Conshohocken	Montgomery		*	*		*				1.68			.09		.23	T	.48					.63	T.			.11		T	T.			3.22
Fredericksville[2], 1 S	Berks		.48	.39		.27	.50			.24	T.		.08			.10	T.	.71		T.	.01	T	.50			.03	.22		.04		.01		3.58
Geigertown[2]	Berks		.29	.75		.20	.17			.25						.16		.80					.50			.24	.10		.03				3.49
Gratersford[2]	Montgomery		.16	.53		.22	.43			.31	.12					.26	.07	.51					.42			.02	.21		.09		.04		3.39
Phoenixville[2], 1.5 SE	Chester		.20	.46		.23	.25			.34			.05			.19	T.	.13		T.		T.	.32			T.	.28				.04		2.49
Port Clinton[2]	Schuylkill		.16	.44		.18	.62			.29	.05		.49			.07	.07	.96				.04	.46			.03	.29		.12		.02		4.29
Pottstown[2], 0.5 S	Montgomery		.20	.77		.20	.19			.27	T.		T			.17	T.	.70					.43			.10	.15		.03				3.21
Pottsville[2]	Schuylkill		T.	.67		.28	.35			T.	T.		.10			11	.10	.75			.02	.98	.38			T.	.35		.19		T.		4.28
Reading[1, 5]	Berks		.84		.04	.29	T.		T.	.24		.01	.01		.14		.83					.51			.27		.04			1.40		4.62
Strausstown[2]	Berks		.16	.44		.16	.31			.36	T.		.22			.10	.15	1.09				.03	.52		T.	.05	.27		.04		.01		3.91
Virginville[2]	Berks		.26	.54		.27	.42	.01		.26	T.		.05			.07	.09	.76			T.	.04	.46			T.	.26		.04		.03		3.55
Wernersville	Berks		.87		.01	.23	.01			.26			.03		.10	.01	1.12					.53				.30	.02	.05			1.17		4.71
LOWER DELAWARE																																	
Coatesville[2]	Chester		.14	.35	T.	.10	.11			.40	T.		.02			.13	.03	.73					.39	.01	T.	.02	.16	T.	.05		.01		2.65
Doylestown	Bucks		.70			.92				.31		T.	.03		.17		.50	T.	T.			.31	.01			.08	.16		.04				3.23
George School[6]	Bucks		.86	.05		.70				.36			.02		.28	.02	.64					.41				.24	.01	.04					3.63
Maple Glen[7]	Montgomery		.30	.39		.63	T.			.39			.03			.24	.28	.29				.25	.16			.05	.27		.05				3.33
Marcus Hook[2]	Delaware		.14	.57		.10	.08			.36	.05		.04			.28	.04	1.06				T.	.37			.01	.14		.01		.02		3.27
Philadelphia																																	
Southwest Airport, [1]	Philadelphia	T.	.93	T.	.03	.14				.43			.05		.27		.92		T.			.35			T.	.16	T.	.01			3.29		6.58
City Office[1, 5]	Philadelphia	T.	.96	T	.03	.22				.47			.04		.24		.82		T			.47				.15	.01	.02			3.33		6.76
Shawmont	Philadelphia		.50	.30		.20				.40			.04		.15	.35	.77					.50				.05	T.		.20		.04		3.50
Quakertown, 0.5 E	Bucks		.98	.23		.92				.23			.04		.09	.04	.51	.01	T.			.43	.02			.09	.14	.03			.05		3.81
West Chester	Chester		.41	.02		.27				.42			.01		.23	.01	.71		T.			.44	.02			.04	.09	.01			.01		2.69
West Grove[2], 1.5 SE	Chester		.14	.27		.14				.42			.03			.28	*	.90				T.	.36			T.	.16	T.			T.		2.70
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga		.39		.04	1.22	.08			*	.21						.29		.03	.05	.62	.23	.05			*	.50	.08		.02	.09		3.90
Covington[2]	Tioga		T.	.42		.74	1.34			T.	T.						.03	.12		.05	.17	.42	.04				.65						3.98
Lawrenceville	Tioga		.50			1.70				.13			.05				.40		T.		.70	.46			T.	.50	.25	.10			.10		4.89
NORTH BRANCH																																	
Berwick	Columbia		.45	.01		1.30	.03			.28			.35		.01	.01	.30		T.	T.	.10	.85	.01			.23	.34	.09	.02		.55		4.93
Canton[2], 1 NW	Bradford		.07	.35		.59	1.64			.08	T.		.09				.13	.31		.07	.27	.56	.20			T.	.56		.14		.05		5.11
Danville[2]	Montour		T.	.31		.16	.85	.02		.30	.03		.35			.03	.16	.33				.20	.68			.05	.43		.07		T.		3.97
Freeland[2]	Luzerne			.94		.50	.17			.05	.03		.65			.10		.65			.11	*	.64			.11	.46		.26				§4.67
Hop Bottom[2], 2 S	Susquehanna		T.	.74		1.05	1.70			.19	.04		.40		T			.11		.02	.07	.45	.40			T.	.42		.19				5.78
Millville[1, 5]	Columbia	*	.40		.08	1.04			.01	.21		.40					.68			.05	.05	.48				.47		.10			.49		§4.46
Montoeton[2], 2 S	Bradford		.04	.54		.63	1.62			.15	T		.21				.05	.30		.02	.22	.67	.33			.06	.59		.18				5.61
Montrose[2], 3 E	Susquehanna		.01	.16		.37	1.29			.11	.16		.32			.01	T	.22		.04	.18	.51	.23			.02	.39		.34		.01		5.27
Orwell[2], 3 N	Bradford		.08	.47		1.11	1.24			.15	.03		.18				.03	.17		.03	.17	.52	.14			.02	.51		.15		T.		5.00
Park Place[1], 1 NW	Schuylkill		.46	.02	.09	1.09	.04		T.	.20		.12	.07		.06		.53		T.	.03	T.	.61			.01	.43	.01	.17			.99		4.93
Pikes Creek[1, 5]	Luzerne	.04	.44		.10	1.32	.06					.03	.02				.53			.08	.17	.78			*	*	.75			.77		5.09
Rush[2]	Susquehanna		.17	.36		1.27	.96			.21			.14				.07	.11			.19	.49	.17				.47		.12		.02		4.85
Scranton[1, 5]	Lackawanna		.61	.01	.19	2.35	.05			.26		.14	.11		.10		.33		.01	.12	.18	.68			T.	.50		.16			.84		6.64
Susquehanna[2]	Susquehanna		T	.48		.62	1.30			.10		.07	.26				T.	.16		.14	.12	.42	.17			T	.38			.24		.06		4.52
Towanda, 1 E	Bradford		.55	.01		2.45		T.	T.	.16			.08		T.		.36		.01	T.	.35	.76			.05	.28	.25	.10			.05		5.46
Tunkhannock[2]	Wyoming		.16			1.20	1.56		T.	.30			.37			.05		.35	T.	T.	.21	.58	.33			T.	.50		.14				5.75
Wilkes-Barre[1], 3 N	Luzerne		.47	T.	.15	1.88	.04			.19		.15	.07		T.		.32	T.	.08	.10	.17	.76			.03	.49	.01	.16			1.07		§6.14
WEST BRANCH																																	
Bellefonte[2]	Centre		.08	.10		.48	.05			.06			.12			.02	.29	.38			.04	.35	.10			.09	.63	T.	.01	T.			2.80
Carrolltown[2]	Cambria		.07	.45		.06	.10			.02			.02				.14	.23			.05	.15	.08			.22	1.21		.21				3.01
Carter Camp[2]	Potter		.02	.35		.39	1.15			T.			.10				.25	.42	T.	.10	.33	.37	.17			T	.72		.15		.05		4.57
Cedar Run[2]	Lycoming		.03	.42		.26	.82			.01			.02				.16	.54		.05	.32	.23	.38				.71		.07		.04		4.06
Clearfield[2]	Clearfield		.23	.29		.29	.51			.02							.31	.75	T.	.01	.16	.07	.08			.06	1.06		.13		T.		3.92
Coalport[2]	Clearfield			.16		*	.18			*			.08				.16					.12								T.		§§
Curwensville Apt[1] 6 NW	Clearfield	T.	.59	T.	.08	.71	.09	.01	T.	.05	T.	.03	T.		T.		.87	T.	.07	.08	.14	.18		T.	.11	1.16	T	.10		T.	.19		4.46
Driftwood[1, 5]	Cameron		.35	.01		.69	.07			.03		.03					*		*	*	*	1.48				.70	*	*	.32	.02	.17		3.87
Dushore[1, 5]	Sullivan		.44		.12	1.81				.22		.20	.03				.25			.01	.33	.57				.45		.09			.14		4.96
Eagles Mere[2]	Sullivan		.04	.42		.23	.70			.14	.03		.36			.02	T.	.52	T.	.09	.23	.12	.41					.58		.08		.10		4.07
Emporium[2], 1 E	Cameron		.08	.02	.20	.79	.36		T.	.06		.01	.07				.35	.63	12	.07	.37	.38	.12			.02	.92		*			.21		4.78
English Center[1, 5]	Lycoming		.52		.05	.71	.03			.03							.71		.10		.31	.50			.05	*	*	*	.67		.29		3.97
Galeton	Potter		.30	T.	.02	2.33				.05		.02	.01				.52	T.	.05		.12	.60	.30		.02	.68	.06	.10	.02		.18		5.38

Continued on page 28.

Daily Precipitation for April 1947—Continued from page 27.

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield		.28	.29		.08	.75			.04			T.				.36	.39	T.	.07	.21	.18	.10			.11	.99		.02		.08		3.90
Lock Haven[2]	Clinton		.04	.28		.21	.50			.08			.17			T.	.20	.32	.01	.03	.10	.35	.18			.02	.73		.04		.03		3.29
Medix Run[1, 5]	Elk		.27		.03	.62	.08			.04							.33		.10	.12	.36	.22				.62	.45	.07			.14		3.45
Philipsburg[1, 5, 7 E]	Centre		.22	T.	.05	.48	.06	T.	T.	.06		.04	T.		T.		.95	T.	.02	.02	.07	.30	T.		.05	1.22	T.	.08			.17		3.79
Renovo[2]	Clinton		.13	.48		.28	.72			.03	.01		.03				.28	.44		.06	.34	.19	.12			.01	.86		.07		.06		4.11
State College[1, 5]	Centre		.21	T.	.01	.27	.04	T.	T.	.08		.10	T		T.	T.	.75		T.	.03	.03	.42			.02	.85	T.	.02			.37		3.20
Tamarack[2, 2 S]	Clinton		.05	.41		.17	.74		T.	.01	T.		.06	T.			.31	.58	T.	.03	.35	.22	.11			.04	.85		.15		.09		4.17
Trout Run	Lycoming		.76			.82											.70				.25	.73				.68					.16		4.06
Tyrone[1, 5, 4 NE]	Blair		.21		.04	.14			.01	.04		.02					.91					.27				1.03		.14					2.97
Wellsboro[2]	Tioga		.03	.39		.45	1.79			.06	.01		.04				.27	.35		.03	.30	.48	.20			.02	.64		.01		T.		5.07
Williamsport Apt.[1]-4 E	Lycoming		.51		.04	.71	T			.21		.28	.01		T.		.26		.03	.08	.22	.63			.01	.68	.01	.04			.32		3.99
Williamsport[2]	Lycoming		.07	.33		.17	.60			.15	T.		.13				.13	.25			.25	.29	.36				.65				.04		3.42
Williamsport[2, 4 SE]	Lycoming		.06	.30		.17	.61			.26			.21			.02	.10	.55	T.	.01	.13	.33	.42			.03	.76		.07		.01		4.04
JUNIATA																																	
Altoona, 4.5 W	Blair		.21	.09		.07	.03			.05			.03		.02		.57		.03		.06	.29			.02	1.02	.32	.14			.14		3.09
Breezewood[1, 0.5 E]	Bedford		*		*	.10				.26		.13			T.		.20					*				.80	.15	.02			.38		2.64
Buffalo Mills[2]	Bedford			.09		.03				.08							.10	.13				.18	.06			.38	.39						1.44
Burnt Cabins[1, 2 NE]	Fulton		.33		.02	.04			T.	.17		.11			T		.56			T.		.66				.36	T.	.05			.62		2.92
East Waterford[2, 3 E]	Juniata		.03	.15	T.	.05	.07	.01		.20	T.		.20			.02	.20	.42	T.		.01	.87	.31			.16	.26		.06		T		3.02
Everett[2, 0.5 SW]	Bedford		T.	.21		.08	.01			.08			T.			T.	.11	.12				.24	.19			.22	.37		T.				1.63
Huntingdon[2]	Huntingdon		.02	.30		.07	.02			.09			.06			T.	.42	.53	T.	T.	.06	.23	.42			.14	.58		.02				2.91
Lewistown[2, 1 W]	Mifflin			.27		.04	T.			.12	T.		.06			T.	.14	.38			.02	.28	.30			.07	.38		.12				2.18
Mapleton Depot[2]	Huntingdon		T.	.20		.03	T.			.08			.13			T.	.12	.17			.02	.24	.48			.10	.29		.08				1.94
Martinsburg[1, 8]	Blair		.24	.01	.03	.03	.04		.02	.07		.01	T		.01		.28	T.		.06	.01	.44			T.	.34	T	.02			.33		1.94
McConnellstown[2, 4NW]	Huntingdon		T.	.42		.07	.03			.08			.02			T.	.25	.26			.07	.22	.34			.15	.68		.04				2.68
Neffs Mills[1, 5, 3.5 NE]	Huntingdon		.21			.03	.06			.08		.11					1.04				.01	.39				.73					.10		2.76
New Bloomfield	Perry		.42		T.	.08	T			.24					.42		.73					1.30				.31	.07				.88		4.48
Newport[2]	Perry		.05	.20		.05	.09			.22			.40			.05	.20	.47				1.00	.48			.04	.24		.06		T.		3.55
Saxton[2, 1 W]	Bedford		.08	.24		.07				.09						.03	.18	.19			.04	.40	.20			.30	.20						2.02
Shade Gap[1, 5, 0.5 SW]	Huntingdon		.15		.02	.02				.05		.17					.53					.50				.20	.06				.56		2.26
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams		.08	.27						.17			.11			.22	.37	.25				.19	.30			.13	.10		.01		T.		2.20
Beavertown[2]	Snyder												.40				.45	.47			*	.52	.38			.05	.47		.03				§§
Bloserville, 1.5 N	Cumberland		.33	T.	T.	.08				.29			.55		.08	T.	1.20					.68	.02			.35	.13	T	.10		.42		4.23
Carlisle	Cumberland		.26		.05	.08	.12			.22			.22		.38	T.	.81					.56				.29	16	T			1.28		4.43
Columbia	Lancaster		.53	.03	.03	.03	T			.25		T.	.02		.20	.03	.80					.48				.22	.09	T.	.11				2.82
Dauphin[2, 3 N]	Dauphin		.03	.26		.04	.07			.22	T.		.16			.14	.19	.43			T.	.43	.40			.09	.28		.02				2.76
Ephrata	Lancaster		.70	T.	T.	.16				.27			.01		.12		.91					.54				.29		.08	.01		.81		3.90
Glen Rock[1, 5]	York		.34			.07			.02	.22			.03		.16		.65					.32				.14					1.14		3.09
Gordon	Schuylkill		.53			.77	.02			.19			.25		.05		.65			T.		.63			T.	.24	.05	.19			.75		4.32
Grantville, 2 SW	Dauphin		.39		.02	19	.04			.27			.06		14	.01	1.15	.02				.54				.27	.11	.04			.53		3.78
Hanover[2]	York		.02	.24	T.	.06	T.	.02		.25		T.	.07			.26	.14	.26				.14	.34			.03	.19		T.				2.02
Harrisburg Apt[1, 5, 3.5 S]	Dauphin	T.	.36	.02	.01	.07	.02		.04	.18		.03	T.		.18		.41		T.		T.	.45			T.	.40	T.	.01			.95		3.13
Holtwood[2]	Lancaster		.05	.37		.02	.02			.19			T.			.09	.06	.27				T.	.31			.01	.10		.01				1.50
Huntsdale[2]	Cumberland		.02	.21		T.				.17	T.		.21			.18	.28	.26				.19	.39			.12	.31		T.		.03		2.37
Kirkwood[1, 5, 1 SW]	Lancaster		.37																			.33				*					1.50		§§
Lancaster	Lancaster		.58	.22		.03				.28			.04		.21	.04	.69					.37	.03			.14	.08				T.		2.71
Lebanon[2]	Lebanon		.20	.42		.07	.12	T.		.29	T.		.12			.12	.15	.81				.03	.58			.10	.30		.03		.02		3.36
Middletown[1, 1.5 W]	Dauphin	T.	.50	T.	T.	.10	T.		T.	.20		.07	.03		.02		.77			T.		.55			T	.22		T			1.05		3.51
Millersburg[1, 5, 2 E]	Dauphin		.23			.10			.01	.21		.28			.03		.41					1.10				.25		.02			.85		3.49
Milroy[2]	Mifflin		.18	.22		.15	.05			.15			.07		T.		.83	.06			.04	.35				.15	.50	.11			T.		2.86
Newburg[1, 3.5 NW]	Cumberland		.11			T.			T.			.02			.02		1.03					.64				.46		.04			1.28		3.60
New Park	York		.31			.15				.22					.17		.83					1.12					.15						2.95
Pine Grove[2, 1.5 NE]	Schuylkill		.11	.34		.06	.03			.20	.01		.06			.12	.17	.89			.03	.13	.50			.04	.29		.11		.03		3.12
Selinsgrove	Snyder		*	.37		.54	.03			.25			.30		.02		.76				.04	.92				.30	.16	.02			.74		4.45
Shamokin[2]	N'umberland		.03	.28		.12	.48	T.		.15			.30			.02		.37				.72	.38			.02	.33		.03		T.		§§ 3.23
Shippensburg	Cumberland		.30	.14	.04	.06	.02			.19			.25		.07	T.	.59	T				.48	.03			.30	.11		T.		1.40		3.98
Sunbury[2]	N'umberland		.03	.34		.33	.40	T.		.25	.02		.35			.02	.11	.62		T.	.05	.15	.76			.02	.14		.01				3.90
Wellsville	York	T.	.19	.05	T.	.06	T.			.18			.11		.14		.80	T.				.51	T			.24	.08	T.	T.	T.	.03		2.39
Williamstown[2]	Dauphin		.08	.43		.12	.38			.20			.17			.18	.16	.63				.57	.48			.10	.28		.09				3.87
York, 3 SW	York		.24	.03	.02	.07				.22			.08		.23	.03	.53					.54				.12	.14	.02					2.27
York Haven[2]	York		.11	.41		.05	T.			.20	T.		.16			.15	.23	.54				.07	.38			.15	.26						2.71
Potomac Basin																																	
Chambersburg[6, 1 SW]	Franklin	T.	.30	T.	.02	.07	.02		.01	.17		.17	.03		.15		.50					.42				.24	.01	T.			1.69		3.80
Gettysburg	Adams		.12	.02	.01	.08				.21		T.			.27		.48	T.				.45	.01			.06	.10		T.				1.81
Hewitt, 2 SW	Bedford		.19			*				.11			.07				.20					.37				*	.45	T.			T.		1.39
Hyndman[2]	Bedford		.04	.19		T.				.06			T.				.16	.11		T.	.25	.03			.17	.37		T.				1.38
McConnellsburg[2]	Fulton		T.	.25		T.				.10	T.		T.			T.	.35	.12			.46	.22			T.	T.		T.				1.50
Mercersburg[2]	Franklin		.39			.14				.17			.12			.11	.26				.52				.15	.11						1.97
South Mt. San't'm[2]	Franklin		.04	.69		.10		.05		.20			.33			.23	.31	.22			.24	.33			.14	.20						3.08
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny		.38	.11		.07	.08			.07			T.				.15	.14	.01		T.	.05	.10			.15	1.06		.10		.02		2.49
Allens Mills[1, 5]	Jefferson	₹.01	.40		.08	.69	.09			.02		.02				.01	.70		.11	.22	.31	.09		.04	.10	1.01	.05	.14		.04	.20		4.33
Blairsville[1, 6 NE]	Indiana	T.	.30	.05	T.	.01	.05	T.	T.	.06		T.	.09				.51	T.	T.	T	.01	.17			.05	1.72		13		T.	.24		3.39
Boswell[2, 6 NW]	Somerset		.20	.14		.07							T.				.02	.22			.05	.03	.02			.55	.65		.26				2.21
Bradford, 4 W	McKean		.30	.20		2.48		T.		.03			.08				.97	.02	.29		.78	.57			.11	.35	.34	.37			.15		7.04
Brookville[1, 1.5 SW]	Jefferson																																
Buckstown[1, 5]	Somerset		.20		.08	.03	.02		.04	.08	.04	.06				.09	.49	.05	.07	.10	.05	.23			.03	.71	.03			.01	.23		2.64
Clarion[2, 3 SW]	Clarion		.11	.14		.46	.16		T.	.05			.02				.34	.21	.08	.04	.42	.44	.03			.08	.91		.15		.03		3.67
Corry	Erie	.07	.41	T.	.05	2.36		.03		.21		T	.20				1.35	.01	.29		.93	.30			.20	.41	.10	.40			.15		7.47
Coudersport	Potter		.07			1.60											.38				.62	.23				.59					1.00		4.49
Coudersport, 7.5 E	Potter		.07	T.	T.	2.52			.06								.96	T.	.06		.56	.40				.48	.32	.20			.73		6.36
Derry	W'moreland	T.	.25	.13		.02	.16			.05							.32	T.			.03	.08			T.	1.91	.04	.14			.40		3.53
Donegal[1]	W'moreland	T.	.36	.05		T.	T.		T.	T.		T.	T.		T.		.70	T.	T.	.03	T.	.05			.03	1.40		.26		T.	.34		3.22
Dunlo[1, 5, 0.5 SW]	Cambria		.05	.17	.03	.05	.03	.09									.08			.07		.03				.53	.02	.21		.04			1.40
Ebensburg[2]	Cambria		.17	.15		.03	.03		T.	.04							.32	.13	.01		.07	.23	T.			42	1.30		.29				3.19
Ford City[2, 4 S]	Armstrong		.36	.06		.14	.08			.06	T.		T.				.22	.10	T.		.07	.10	.07			25	1.04		.07		T		2.62
Franklin[2]	Venango		.37	.07		.74	T.		.04	.24			T.				.95	.20	.06	T	.37	.67				.04	.54		.24		.09		4.62
Glen Hazel[2, 1 NE]	Elk																																
Home[1, 5]	Indiana	.01	.55			.14	.07			.03							.56			.03	.01	.11			.06	1.49	.03	.10	.02	.08	.20		3.44
Indiana	Indiana		.39	.06		.10	T.			.02			T.			T.	.61	.02			.07	.12			.01	1.55	.19	.07			.11		3.32
Johnstown[2, 0.5 W]	Cambria		.18	.22		.04	.01			.03			T.				.15	.16			.05	.14				.55	.85		.33				2.71

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Stations	Counties	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	T	.39		.04	1.58		.02		T.		.01	.02				.72	T.	.17	.04	.92	.04			.09	.80		.27	T	T.	.30		5.41
Kregar[1], 1.5 SE	W'moreland	1	.47	.02	.05	.03	.04		T.	.03		T.	T.		T.		.35	T.	T.	.06		.08			.09	1.19	T	.18		T.	.41		3.00
Lyeippus, 1.5 E	W'moreland	T.	.31		T.	T.	.30	T.		.05							.30	.02		T.		.04			.03	.20	1.79	.15			.30		3.49
Marienville[1, 3]	Forest		.34		.04	1.04	.02					.02					.59		.20	.12	.75	.03			.10	1.06	.03	.15		.03	.23		4.75
Meadville[2], 1 S	Crawford		.41			.78	.08		T.	.19			.13				.90	.06	.04	.02	.21	.60	.04			.20	.45		.11		.02		4.24
Mosgrove[2]	Armstrong		.31	.04		.46				.10	T.						.31	.19	.04	*	*	.22	.15			.32	*	*	1.09		.04		3.27
Parkers Landing[2]	Armstrong		.14	T		.53	.10			.08							.57	.12	.06	.03	.30	.45	T.			.20	.73		.14		.03		3.48
Pittsburgh Cty Of[1, 5]	Allegheny	T.	.85	T.	.01	T.	.05		.03	.04	T.	.01	T				.25	T.	T.	T.	.01	.11			.03	1.26		.07		.04	.17		2.43
Port Allegany[2]	McKean		.18	.26		.65	1.85			.03	T.		.06				.03	.33	.09	.07	.35	.68	.03	T.		.03	.83	T.	.22		.09		5.78
Punxsutawney[2]	Jefferson		.26	.15		.69	.17			.02							.24	.12	.05	T.	.15	.09	.08	T.		.15	1.30		.10				3.57
Putneyville[2], 2.5 SE	Armstrong		.26	14		.56	.21			.08			T				.21	.23	.05	.02	.11	.11	.08			.22	1.22	.08			.03		3.61
Ridgway[2]	Elk		.11	.08		.46	.61		T.	T.			.02				.18	.26	.12	.06	.54	.37	.05			.06	1.10	T	.16		.02		4.20
Saltsburg[2]	Indiana		.23	.23		.02	T.		T	.02	T.		T.				.19	.31	T.	T.	T.	.07	.02	T.		.28	1.34		.07		T		2.78
Seward[2]	W'moreland		.01	.47		.01	.12			.01							.07	.24				.11				.28	1.66		.22				3.20
Sheffield[1, 5], 6 W	Warren		.39		.21	1.83	.03		.01			.07	.03				.95	.04	.10	.03	.84	.03		.07	.09	.61	.12	.34		.04	.50		6.33
Smethport[1, 5], 1 SW	McKean		.32		.10	2.60				.03		.11	.06				.78		.15	.04	.94	.07			.06	.59	.16	.19	.02		.29		6.51
Strongstown[1, 5]	Indiana		.39			.13	.06			.04							.52			.02	.03	.20			.05	1.67		.15			.15		3.42
Tionesta[2], 1.5 SE	Forest		.40	.04		1.19	.06		.01	.10			T				.70	.17	.11	.01	.39	.46	.02			.26	.69	T.	.19		.06		4.86
Titusville, 2 S	Crawford	.05	.38		.01	1.12		T.		.27			.06				1.32	T	.10		.60	.39			.27	.49	.24	.28			.12		5.70
Union City[1, 5]	Erie	.00	.34		.20	1.65		.02	.07	.12		.10					1.06	.02	.26	.03	1.07	.04			.20	.48		.27	.03	.06	.05		6.13
Vandergrift[1]	W'moreland		.46		.05	.04	.03			.04							*		.40	.03	.03	.15			T.	1.30		*		*	.30		2.83
Warren[2]	Warren		.32	.01		.43	1.20		T.	T.	T.						.49	.34	.15	.02	.32	.45	.02			.13	.32	T.	.05		.05		4.36
Youngsville[1, 5]	Warren	.09	.29		.19	2.27	.02		.04	.05	.03	.07	.03				1.28	.02	.30	.01	1.20	.05			.11	.56		.28	.04		.10		7.03
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset		.05	.16		T.	.04			.02	T.		.04			f.	T.	.18	T.	T.	T.	.03	T			.53	.37		.12		T.		1.54
Connellsville[2]	Fayette		.22	.15	T					.02	.03		.04				.06	.33			.02	.05	T.			.49	.68		.12				2.21
Donora[1]	Washington	T.	.24	.02	T	.01	.11		.05	T.		.01	.01				.40	.01	T.	T.	.02	.07			T.	1.54		.12		T.	.29		2.90
Greensboro[2]	Greene		.01	.21		.03	.03			.05						.02		.25				.01	.04			.55	.57		.05		.04		1.86
Greensburg, 2 S	W'moreland	T.	.20	.04		.01	.17			.05			.01				.57				.01	.06			.01	1.76	.05	.11			.19		3.24
Irwin	W'moreland	T.	.31	.03	T.		.02		T.			T	T.				.40	T.	T.			.08				1.45	.17	.09			.01		2.56
Meyersdale[2]	Somerset		.01	.18		.10	.01			.01			.10				.02	.19			.02					.54	.48						1.66
Murrysville // [1, 5]	W'moreland		.32	.02	.01	.08											.29				.02	.08			.03	1.50	.03	.05			.24		2.67
Pittsburgh Arpt.// [1, 5]	Allegheny	T.	.34	.01	.02	T.	.03	T.	.01	.03		T.					.41	.01	T.	T.	T.	.11			.02	1.22		.06		.01	.23		2.51
Rices Landing[2]	Greene		.14	.23		.05	.14			.05			.01				.16	.17	T.			.03	.05			.33	.60		.08		.06		2.10
Somerset	Somerset		.22			T.	T.			T.			.01				.47	T.	T.		.01	.08				.87	.06	.11	T.		.38		2.21
Springs[6], 1 SW	Somerset		.55				T.			.10		.05					.34	.02	T.		.03	.11			.03	.94	.02	.20			.60		2.99
Uniontown	Fayette		.28	T.			.07			.06		T.	.03		.05		.30					.11			.02	1.23	.07	.12			.31		2.65
Waynesburg	Greene		.35							.23							.35					.16				.95		.12			.23		2.39
BEAVER																																	
Beaver Falls[2]	Beaver		.10	.05		.11	.05		T.	.09	T.		T				.34	.24	T.	T.	.06	.33	T.			.13	.74		.12		.05		2.41
Butler	Butler		.24	.02		.26		.09		.14			.03				.62					.38			.18	.18	.60		.13		.09		2.96
Farrell[2]	Mercer		.78			.48	.18						.17				1.21		.13			1.25				.37			.18				4.75
Greenville	Mercer	.03	.18		.03	.85	.03	.03		.19		T.	.08				1.21	.02	.06	.03	.98	.16			.32	.58	.08	.18			.06		5.40
Jamestown[2], 2 NW	Mercer		.49			1.03	.10		.01	.16			.10				.81	.13	.06	T.	.29	.77	.02			.46	.54		.14		.01		5.12
Mercer Arpt.[1], 2.5 NE	Mercer	.11	.30		.11	.54	.05	.02	.06	.11		T.					1.51	T.	.05	.20	.75	.04			.25	.59		.15		.06	.10		5.00
New Castle[1], 1.5 N	Lawrence	T.	.13	T.	.08	.76	.05		T.	.18	T.	T.					1.29	.04	T.	.07	.66	.07			.19	.72		.18		.06	.10		4.58
Penn Line[2], 1 S	Crawford		.61	.03		.85	.10		T.	.17			.15				.75	.09	.05		.26	.75				.31	.46		.30		.02		4.90
OHIO																																	
Claysville[2]	Washington		.31	.08			.04			.14	.08						.12	.13				.05	.14			.37	.96		.14		.03		2.59
Coraopolis[2], 1 E	Allegheny		.35	.04		.04	.12						.02				.37	.03				.09	.04			.28	.77		.07		.10		2.32
Midland[2]	Beaver		.20	.04		.07	.15			.12			.02				.45	.17	.02		.02	.32	.01			.22	.76		.10		.08		2.75
Washington[1, 5]	Washington		.32			.04	.10		.03			.03					.28					.10				1.24		.13			.28		2.55
LAKE DRAINAGE																																	
Albion[2]	Erie		.49	.02		1.98	.02		.02	.19			.18				.14	.24			1.10	.29					.25		.55		.06		5.53
Erie[1, 5]	Erie	.04	.39		.26	2.95	.01	T.	.03	.10	.07	.16					1.12	T.	.26	T.	1.84	.04	T.		.34	.30		.20		.02	.75		8.88
Raymond[1, 5]	Potter		.50		.23	2.13				.08		.10					.83	.07	.15	.05	.80	.15		.05	.08	.34	.40	.29	.01	.03	.20		6.49

[See page 32 for explanation of reference marks.]

Daily Evaporation(inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2], 1 SW.	Evaporation													.234	.150	.033	.153	.120	.109	.217	.161	.237	.034	.124	.193	.062	.009	.192	.107	.211	.156		§§
	Wind movement													88	38	15	55	100	65	127	63	87	58	70	49	67	99	94	114	42	46		§§
Ford City[2], 4 S	Evaporation														.080	.062	.164	.085	.087	.175	.046	.083	.040	.154	.190	.060	.088	.162	.104	.135	.133		§§
	Wind movement														122	11	57	125	100	81	49	82	91	72	47	40	73	106	93	33	58		§§
Hawley[2], 1 S.	Evaporation																.152	.037	.088	.157	.066	*.017*	.417	.012	.169	.153	.013	.219	.333	.036	.754		§§
	Wind movement																	86	123	138	74	51	47	56	116	125	35	185	241	82	222		§§
Jamestown[2], 2 NW	Evaporation													.008	.160	.116	.162	.036	.090	.122	.032	.000	.012	.084	.218	.114	.088	.186	.064	.116	.152		§§
	Wind movement													109	12	44	75	58	29	169	44	72	79	76	95	45	33	148	62	46	91		§§
Neffs Mills[2], 3.5 NE.	Evaporation																											.044	.056	.224	.088	.204	.158		§§
	Wind movement																													115	79	8		§§

Italics mean minus quantity.

[See page 32 for explanation of other references.]

Daily Temperatures for April 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	53	54	45	54	58	74	39	52	54	68	72	56	76	59	56	40	47	45	48	55	45	58	78	58	62	38	43	52	73	73	....	56.2
	Minimum	24	42	26	31	41	50	36	24	34	28	47	40	33	26	29	34	33	34	33	34	33	32	39	45	43	32	32	20	35	60	....	35.0
Allentown Arpt.[1],9.4 NE	Maximum	57	48	58	55	49	80	60	58	50	62	73	76	64	52	69	49	53	65	59	52	39	56	61	72	50	60	72	56	70	78	....	60.1
	Minimum	27	40	37	31	40	46	39	31	37	30	45	48	37	41	37	42	36	31	39	38	34	31	31	40	39	37	36	28	29	50	....	36.9
Allentown/	Maximum	52	49	58	56	65	80	64	58	50	62	74	75	65	53	67	51	52	65	59	57	41	55	60	73	49	60	72	55	69	79	..	60.8
	Minimum	29	34	40	31	37	44	50	34	37	31	41	53	38	41	37	46	41	34	41	40	37	32	31	41	46	39	43	33	31	39	....	38.4
Altoona-4.5 W	Maximum	60	59	54	49	67	74	68	55	55	61	75	69	67	58	69	64	55	63	60	69	58	58	64	79	50	57	62	54	72	75	....	62.7
	Minimum	30	40	36	31	37	53	38	26	39	29	46	52	31	46	34	49	34	36	40	38	37	33	39	42	39	33	48	24	30	54	....	38.1
Arendtsville/	Maximum	60	60	54	52	75	80	61	60	60	64	72	75	62	51	68	63	55	69	76	73	41	43	64	78	50	64	72	61	70	80	....	63.8
	Minimum	28	38	39	28	35	44	51	28	40	32	45	52	36	41	36	40	41	32	43	41	38	35	32	40	43	39	42	27	30	50	....	38.2
Beavertown/	Maximum	58	51	59	53	68	75	44	58	55	68	74	60	60	52	67	56	50	64	64	59	42	57	63	70	44	62	67	57	71	78	..	60.2
	Minimum	22	34	39	29	36	65	35	21	36	24	39	46	35	44	33	45	35	25	29	38	38	37	37	39	39	34	35	25	25	38	....	35.2
Berwick	Maximum	59	57	57	56	55	78	76	56	55	64	68	72	70	56	66	66	51	62	62	53	48	60	65	72	67	59	68	54	72	80	....	62.8
	Minimum	28	44	39	30	42	52	43	28	40	29	50	58	37	44	34	44	40	29	39	40	37	35	35	44	40	36	44	30	28	52	....	39.1
Bethlehem[1]	Maximum	57	49	60	56	51	82	52	60	48	62	74	75	64	52	68	55	50	65	60	51	40	55	61	72	48	59	72	56	69	79	....	60.1
	Minimum	32	42	39	34	41	51	34	34	40	36	50	53	39	44	42	45	42	36	46	40	35	32	34	41	40	39	40	32	37	54	..	40.1
Blairsville[1]-6 NE	Maximum	60	54	54	50	80	71	51	58	54	66	79	64	58	58	66	60	45	59	57	74	46	56	76	66	44	54	62	50	73	73	....	60.6
	Minimum	38	36	32	36	38	49	30	24	37	35	49	29	28	47	42	34	30	36	47	44	35	32	40	43	33	30	25	22	32	55	..	36.3
Bradford-4 W	Maximum	56	57	62	48	48	66	61	51	50	68	73	72	54	67	64	56	48	49	51	50	39	59	74	74	54	55	55	48	70	71	..	58.1
	Minimum	27	32	21	21	36	34	30	18	32	24	52	40	29	29	28	36	31	33	29	34	33	35	41	43	30	29	38	18	23	54	....	32.0
Burnt Cabins[1]-2 NE	Maximum	62	60	52	52	75	78	62	62	58	62	74	74	64	54	69	66	54	67	74	73	45	55	62	74	52	60	70	60	70	80	..	64.0
	Minimum	30	40	28	24	42	60	37	22	30	26	47	47	32	38	38	44	32	31	40	33	36	34	36	40	38	36	37	23	23	58	....	36.1
Butler	Maximum	59	62	60	61	72	81	75	53	60	63	76	81	66	66	67	70	60	57	64	60	60	60	73	80	55	54	64	62	50	71	....	64.7
	Minimum	30	45	34	31	45	45	36	22	41	28	58	49	38	34	31	48	35	40	40	41	40	40	45	47	41	33	35	22	30	56	....	38.7
Canton/-1 NW	Maximum	55	47	45	48	59	71	40	55	47	57	65	57	51	51	60	49	48	57	49	39	35	55	58	60	47	56	59	53	65	73	....	53.7
	Minimum	25	33	31	24	32	51	36	22	31	29	38	49	31	30	32	37	34	33	32	32	32	31	34	39	37	31	36	32	27	39	....	33.0
Carlisle	Maximum	62	55	55	52	68	82	73	59	58	64	75	76	74	66	68	64	54	70	73	67	56	55	63	77	72	64	74	60	72	82	....	66.3
	Minimum	30	43	40	27	44	61	45	30	41	30	49	59	37	44	43	50	42	30	42	40	38	36	37	44	43	39	37	37	30	31	52	....	40.5
Chambersburg[6]-1 SW	Maximum	60	55	52	50	77	79	67	59	61	63	72	75	65	54	68	65	61	68	77	74	50	56	61	76	58	62	70	59	70	80	....	64.8
	Minimum	28	42	33	29	42	57	40	27	38	30	45	55	35	41	40	50	40	32	44	40	38	35	32	37	41	38	40	27	29	58	....	38.8
Clarion[6]-3 SW	Maximum	60	58	61	53	76	73	60	57	56	67	78	65	58	70	70	63	49	59	55	53	47	61	80	75	56	60	60	55	74	73	..	62.7
	Minimum	37	36	29	26	38	51	34	21	37	25	46	35	30	35	27	37	33	34	32	32	37	36	41	42	33	28	37	19	25	52	....	34.2
Claysville/	Maximum	63	62	54	66	82	72	45	56	58	74	76	65	58	64	70	64	49	64	65	76	49	65	79	66	43	59	65	56	75	72	....	63.7
	Minimum	23	45	34	33	41	54	40	23	28	32	41	47	28	33	31	35	36	35	40	40	47	36	41	52	42	32	39	20	21	39	..	36.3
Coalport/	Maximum	61	56	60	59	80	73	43	59	55	63	77	66	53	56	70	65	47	62	57	68	41	50	68	68	42	57	63	55	76	74	....	60.8
	Minimum	18	28	35	26	37	44	39	21	26	22	30	42	23	45	38	32	34	32	33	40	36	34	36	42	40	31	34	20	25	30	....	32.4
Coatesville/	Maximum	53	58	57	56	68	82	60	58	53	61	76	76	62	54	67	54	52	68	72	63	40	55	60	73	49	60	74	56	67	80	....	62.1
	Minimum	26	35	41	26	40	47	52	31	39	28	39	55	41	38	36	44	42	29	38	45	38	34	28	40	46	38	34	30	29	42	..	37.7
Columbia	Maximum	61	60	58	58	74	82	73	61	57	64	72	76	72	55	71	64	58	70	73	70	63	55	63	79	71	65	72	60	70	84	....	67.0
	Minimum	39	46	42	30	40	63	46	32	41	31	48	60	38	40	40	48	43	31	41	45	38	35	38	44	43	38	41	32	32	56	..	41.4
Corry	Maximum	54	47	46	51	63	68	53	51	52	65	74	67	50	65	58	49	48	51	54	46	43	61	76	72	50	57	50	51	72	72	....	57.2
	Minimum	30	36	26	29	38	53	30	22	36	25	57	35	31	30	31	34	32	36	31	37	35	37	44	42	38	30	38	22	30	55	....	35.0
Coudersport	Maximum	58	47	50	46	51	71	67	57	53	62	74	71	58	62	65	56	51	56	55	51	48	59	70	67	52	56	58	52	71	72	....	58.9
	Minimum	25	34	25	26	39	32	18	32	21	50	42	29	33	26	28	25	28	29	23	27	33	39	46	30	36	30	32	23	55	....	31.4
Curwensville[1]-6 NW	Maximum	54	49	53	45	62	69	41	54	53	61	72	62	56	58	66	58	44	57	53	58	38	53	66	63	43	53	60	50	71	70	....	56.4
	Minimum	32	36	30	29	35	40	27	18	35	30	47	28	27	42	33	32	30	32	37	36	32	30	36	40	32	28	26	17	30	54	..	32.7
Derry	Maximum	61	59	58	53	84	77	60	59	57	70	81	66	66	60	70	67	48	64	64	77	60	62	81	74	48	58	65	54	76	75	....	65.1
	Minimum	37	49	37	41	45	56	39	25	41	31	59	53	33	47	33	47	35	41	48	49	41	37	46	47	37	34	31	24	28	59	....	41.0
Donegal[1]	Maximum	58	55	50	48	80	72	55	60	51	65	77	63	58	58	66	60	47	60	64	78	51	56	79	66	44	53	63	50	75	72	....	61.1
	Minimum	32	36	30	34	43	48	28	31	31	26	58	32	26	37	26	34	30	33	43	43	37	31	37	44	32	30	29	17	22	53	..	34.3
Donora[1]	Maximum	65	64	54	78	81	75	56	60	65	70	81	70	60	68	73	67	58	68	77	81	55	60	83	69	55	66	67	60	78	76	....	68.0
	Minimum	35	47	37	38	51	56	43	32	45	36	63	51	30	47	39	53	39	41	51	47	47	40	49	45	44	36	52	28	34	60	....	43.9
Eagles Mere/	Maximum	52	45	49	48	58	73	40	54	45	57	64	67	52	49	61	45	44	57	44	50	35	52	58	60	38	56	62	52	63	69	..	53.3
	Minimum	17	33	30	28	31	39	37	22	22	30	32	45	27	26	33	43	33	29	29	31	35	28	28	28	37	27	30	22	22	31	....	30.2
East Waterford[6]-3 E	Maximum	56	51	48	45	64	78	63	52	50	56	64	67	57	48	61	55	52	60	62	62	46	48	57	69	51	55	63	53	65	76	....	57.6
	Minimum	33	43	33	33	37	54	34	25	34	36	45	54	28	41	41	44	32	32	40	39	32	29	33	43	36	32	37	26	40	55	....	37.4
Ebensburg/	Maximum	59	53	56	63	77	69	42	57	50	69	74	62	60	59	65	58	49	57	66	70	39	52	66	64	41	55	61	52	73	71	....	59.6
	Minimum	33	42	33	32	36	50	37	22	37	31	48	46	27	44	37	47	31	33	45	39	36	31	37	49	38	29	41	21	29	50	....	37.0
Emporium/-1 E	Maximum	64	50	58	54	69	77	44	60	54	66	77	64	61	64	70	63	51	60	54	50	40	60	71	68	45	62	64	56	77	76	....	61.0
	Minimum	11	31	30	22	32	38	37	19	28	23	27	50	32	33	26	30	34	28	31	33	36	35	35	40	33	31	33	21	23	27	....	30.3
Ephrata	Maximum	58	58	59	57	66	83	74	59	54	62	74	77	70	57	69	61	53	68	70	67	48	57	61	78	71	62	73	58	67	82	....	65.1
	Minimum	31	45	42	35	42	64	45	31	40	32	46	52	39	44	38	47	42	32	44	46	38	34	33	42	43	39	43	32	32	55	..	41.3
Erie[1]	Maximum	57	49	38	55	74	66	39	48	46	69	77	52	38	50	51	40	49	47	39	35	39	52	78	69	46	58	61	48	74	70	..	53.8
	Minimum	34	33	29	30	44	39	31	31	38	37	48	35	32	32	39	34	34	38	32	32	33	34	49	40	37	34	35	32	43	57	..	36.5
Everett[1]-0.5 SW	Maximum	64	62	49	51	84	78	60	60	56	64	77	75	66	54	72	69	50	66	73	78	50	54	65	74	53	59	70	58	74	81	....	64.9
	Minimum	26	42	28	18	40	60	38	29	31	25	41	41	31	43	38	42	32	33	36	36	37	36	36	38	38	38	35	28	25	49	....	35.7
Farrell	Maximum	56	56	57	54	73	70	69	59	57	73	79	75	49	66	66	64	51	63	63	58	46	62	83	78	50	63	62	57	76	74	....	63.6
	Minimum	40	39	38	35	47	51	36	27	40	33	61	39	36	37	35	38	36	44	43	41	41	41	49	46	39	33	32	27	36	62	....	40.1
Ford City/-4 S	Maximum	61	59	60	53	81	74	42	58	58	71	78	67	57	65	69	64	50	64	52	65	45	61	80	68	48	60	62	55	74	73	....	62.5
	Minimum	23	34	36	28	35	48	40	23	31	25	38	48	31	34	30	36	35	36	41	40	40	37	39	51	41	31	38	23	24	34	....	35.0
Franklin/	Maximum	57	58	59	53	74	69	38	56	55	67	75	61	62	68	65	57	49	58	49	48	43	61	77	66	43	60	58	54	73	71	....	59.5
	Minimum	18	35	30	31	36	48	37	24	26	29	30	47	33	34	32	36	36	35	38	40	40	38	39	49	41	29	37	24	25	35	....	34.4
Fredericksville-1 S	Maximum	57	54	56	54	54	80	72	57	51	60	73	74	67	51	65	63	49	65	62	55	45	52	59	72	70	58	72	54	66	78	....	61.5
	Minimum	24	42	38	26	25	50	43	30	38	28	43	61	36	40	34	43	38	26	37	41	34	30	27	38	42	37	37	27	26	51	....	36.4
Freeland	Maximum	52	48	53	50	48	73	67	54	49	56	62	68	62	54	61	57	49	56	54	53	44	52	55	68	55	52	62	49	68	72	..	56.6
	Minimum	32	37	32	30	34	45	36	24	35	30	51	56	29	37	34	37	34	32	39	34	30	26	28	28	34	30	23	23	31	51	....	34.1
George School[6]	Maximum	57	57	56	55	50	78	69	57	48	60	73	78	67	52	66	59	55	65	66	58	42	50	59	70	66	59	71	52	66	78	....	61.3
	Minimum	25	41	38	28	40	50	44	31	38	28	42	62	39	40	36	44	41	30	46	42	36	31	28	38	44	37	44	28	30	49	....	38.3
Gettysburg	Maximum	60	59	58	52	75	81	79	59	59	63	73	75	75	61	68	67	63	69	76	74	70	54	62	79	75	62	72	64	70	72	....	67.5
	Minimum	30	47	41	31	45	62	51	30	42	31	48	60	38	44	40	51	44	37	51	42	40	36	35	45	45	39	44	31	31	56	....	42.2
Gordon	Maximum	55	51	56	53	53	79	70	58	52	61	68	72	66	56	65	61	49	63	60	59	48	55	60	71	64	58	69	56	69	78	....	61.3
	Minimum	25	41	37	24	47	49	41	28	39	24	45	55	35	42	38	42	38	24	32	41	36	32	28	42	40	35	32	28	24	50	..	36.3
Greensburg-2 S	Maximum	62	60	55	55	84	75	68	59	58	72	78	70	62	62	70	68	50	64	64	77	62	62	80	78	48	58	66	55	75	75	....	65.7
	Minimum	26	43	37	28	46	51	40	22	42	26	58	51	30	39	27	47	36	32	35	42	43	32	40	47	41	33	40	20	24	58	....	37.9
Hanover/	Maximum	60	58	52	53	72	83	66	58	58	63	73	76	60	54	68	62	53	69	79	75	42	54	62	77	50	62	73	58	69	82	....	64.0
	Minimum	33	43	41	35	42	47	50	32	38	34	46	55	36	43	41	45	44	38	47	46	39	35	35	44	45	38	48	32	36	48	..	41.3
Harrisburg Arpt.[1]-3.5 S	Maximum	61	53	58	54	68	80	65	58	55	63	74	76	61	52	69	56	52	68	66	64	44	55	63	76	55	62	72	59	70	80	....	63.0
	Minimum	33	43	38	32	44	59	40	34	39	32	50	52	40	43	45	46	39	39	45	42	37	36	37	45	43	40	41	35	35	52	....	41.2
Hawley-0.5 E	Maximum	56	46	56	54	49	76	66	58	44	64	71	74	59	53	63	49	50	56	55	43	38	53	61	72	50	57	67	54	68	76	....	57.9
	Minimum	22	40	35	21	38	45	38	31	33	26	45	59	35	35	32	37	36	25	30	34	33	23	30	41	35	32	38	26	25	48	....	34.3
Hewitt-2 SW	Maximum																																
	Minimum	21	40	22	40	46	58	48	24	50	30	58	27	42	46	42	45	23	25	35	36	38	35	35	46	45	39	38	29	20	45	....	37.6
Holtwood[1]	Maximum	54	54	52	52	68	81	66	57	54	59	72	59	52	52	66	55	52	66	70	68	45	54	56	75	55	61	70	56	64	78	....	60.8
	Minimum	32	44	37	34	45	63	43	36	40	37	48	37	43	45	46	48	40	37	46	45	39	37	37	46	45	43	41	36	37	54	..	42.0
Huntingdon	Maximum	64	57	58	51	71	78	68	59	58	64	77	72	63	58	71	64	51	66	64	68	55	57	66	72	52	61	68	59	74	79	....	64.2
	Minimum	25	43	42	27	42	56	43	30	41	26	51	46	33	46	37	44	38	37	49	39	40	37	40	50	38	36	39	28	25	59	....	39.6

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana 2.5 SE	Maximum	62	57	61	59	82	81	61	60	57	68	80	68	63	62	69	65	50	63	62	71	62	59	70	70	49	57	66	64	70	74		65.1
	Minimum	28	43	37	35	42	53	36	21	41	26	55	49	30	42	28	47	35	32	33	46	41	37	45	46	41	30	38	20	27	32		37.8
Irwin	Maximum	62	62	60	55	83	82	76	58	58	71	77	67	62	62	69	69	52	63	63	62	61	64	80	80	47	57	64	54	75	74		65.3
	Minimum	31	46	37	33	46	52	39	25	42	30	54	49	30	45	33	52	35	36	47	44	44	36	48	47	42	33	47	21	29	56		40.0
Jamestown/ 2 NW	Maximum	52	64	53	56	78	78	41	51	54	70	78	58	48	65	61	49	52	59	50	48	45	59	82	68	49	65	59	54	76	71		59.5
	Minimum	23	38	26	29	38	52	35	21	29	28	41	43	31	28	28	39	33	36	35	35	34	37	38	51	39	26	38	19	28	39		33.9
Johnstown/	Maximum	64	63	60	52	83	76	45	64	57	68	79	71	68	60	74	67	50	65	68	80	47	56	74	71	48	60	68	57	80	76		65.0
	Minimum	31	44	40	34	42	52	43	30	37	32	47	53	34	44	35	53	37	40	45	45	43	37	40	48	42	37	47	29	30	41		40.4
Kane[1-1 N.	Maximum	58	45	50	50	59	69	40	49	50	64	70	60	57	67	62	52	47	54	54	43	43	60	74	63	40	56	39	51	72	70		55.6
	Minimum	25	33	26	22	37	40	26	16	26	20	48	31	30	30	24	32	30	29	31	35	34	34	40	29	30	28	29	16	23	54		30.2
Lancaster	Maximum	57	58	59	58	72	85	81	60	57	61	74	78	77	61	66	66	57	71	73	68	40	56	62	80	74	64	76	56	66	80		66.4
	Minimum	25	42	41	29	48	62	48	30	41	30	44	60	37	41	37	47	41	29	38	40	39	35	30	41	42	38	35	28	28	55		39.2
Lawrenceville	Maximum	59	54	48	52	50	74	66	66	51	63	70	69	54	60	62	52	52	57	51	44	40	58	66	68	52	58	55	57	70	73		58.4
	Minimum	26	38	29	22	39	44	36	28	33	26	49	47	34	34	32	39	36	31	33	33	35	35	46	49	36	33	40	27	27	54		35.5
Lebanon	Maximum	58	54	57	55	67	81	55	59	54	62	71	75	64	54	69	51	51	68	65	61	41	55	61	75	46	61	72	56	69	81		61.6
	Minimum	30	38	40	33	42	45	50	31	36	31	41	56	39	41	38	44	42	32	43	44	38	34	35	45	44	40	42	32	33	39		39.2
Lewistown/-2 SW	Maximum	66	54	60	55	64	79	51	60	58	66	75	74	65	57	73	63	53	67	64	65	43	58	67	73	46	62	69	61	74	80		63.4
	Minimum	24	36	40	29	34	44	47	28	33	29	33	51	36	39	40	42	40	31	37	41	40	36	38	43	41	37	41	28	28	36		36.6
Lock Haven[6]	Maximum	63	59	58	55	58	77	65	61	57	61	75	72	66	58	72	62	60	63	60	57	49	60	70	69	55	60	64	60	76	78		63.3
	Minimum	26	43	38	28	43	42	41	26	41	28	46	58	35	45	35	45	39	30	38	39	39	38	43	45	37	33	46	28	30	52		38.6
Marcus Hook/	Maximum	57	59	60	57	67	78	69	60	55	61	75	82	64	57	74	58	62	72	81	63	43	56	61	72	55	65	74	60	69	79		64.8
	Minimum	35	39	44	36	44	57	57	36	41	39	46	52	45	45	43	48	47	49	47	44	40	35	37	42	48	51	48	36	39	41		43.7
Martinsburg[1, 5]	Maximum	60	59	53	48	76	78	56	56	55	61	78	68	61	55	69	62	48	62	65	72	45	56	64	68	49	56	62	55	71	76		61.3
	Minimum	31	43	35	34	41	55	33	26	38	31	51	36	30	42	34	39	35	36	42	36	35	34	38	48	35	34	33	26	31	56		37.3
Meadville/-1 S	Maximum	53	53	51	53	74	65	38	51	54	67	74	54	50	64	59	51	49	51	52	45	44	62	76	63	44	60	55	54	71	70		56.9
	Minimum	22	37	27	31	40	50	36	24	32	28	40	44	32	29	29	39	34	37	36	35	36	38	38	54	39	25	40	20	26	44		34.7
Mercer[1-2.5 NE.	Maximum	54	57	54	51	74	66	41	54	52	68	74	58	48	63	62	52	48	57	46	49	41	59	77	63	44	59	55	51	71	68		57.2
	Minimum	37	35	29	34	43	41	26	22	33	32	53	32	30	31	31	33	33	35	38	41	38	37	44	40	34	29	25	21	32	56		34.9
Middletown[1-1.5 W.	Maximum	58	51	57	53	67	80	65	57	55	61	73	75	60	52	70	55	53	68	65	66	42	56	61	76	54	62	71	58	68	78		62.2
	Minimum	31	44	40	33	40	63	41	33	37	30	50	58	37	42	44	48	36	36	49	41	38	42	35	46	41	40	42	31	41	51		41.4
Midland[6]	Maximum	62	60	59	56	80	74	54	58	56	75	79	64	54	65	67	61	50	62	55	58	50	64	79	65	50	60	60	55	74	72		62.6
	Minimum	35	35	34	36	47	51	37	28	38	34	59	35	34	41	38	36	36	40	44	45	42	41	41	43	38	32	32	28	31	53		38.8
Montrose/-3 E	Maximum	54	47	48	49	60	72	39	53	41	60	66	69	50	50	56	49	45	53	46	38	34	50	59	65	42	54	60	51	64	72		53.2
	Minimum	23	35	31	25	32	39	36	25	27	30	34	50	31	31	32	37	34	29	32	32	33	27	30	35	35	30	33	22	25	34		31.6
Mt. Pocono[1-2 N.	Maximum	50	46	50	47	58	72	56	54	42	57	64	69	50	48	58	46	44	55	52	37	33	50	54	67	42	53	64	49	63	72		53.4
	Minimum	27	38	29	25	35	56	30	27	32	30	38	38	30	35	31	38	30	29	33	32	27	22	25	37	32	31	29	23	27	45		32.0
New Bloomfield	Maximum	61	53	58	52	67	79	72	59	54	61	72	75	59	53	68	63	53	66	66	64	55	58	63	72	50	71	66	68	72	80		63.6
	Minimum	27	42	39	26	42	60	42	26	39	25	35	52	35	43	40	48	40	28	37	37	38	35	36	43	42	35	26	29	30	53		37.7
Newburg[1-3.5 NW.	Maximum	52	49	46	42	64	70	58	52	50	58	64	68	56	44	60	52	42	58	66	60	32	48	52	66	46	52	62	62	66	72		55.4
	Minimum	22	38	26	22	36	54	33	22	34	26	38	40	33	33	27	42	28	34	32	28	30	28	28	34	36	32	32	25	22	11		32.0
New Castle[6-1.5 N.	Maximum	52	60	58	53	80	73	49	56	56	71	76	62	61	66	66	58	51	63	62	52	46	61	79	65	46	61	60	56	73	70		61.4
	Minimum	32	36	28	31	46	47	35	24	35	30	57	35	33	36	31	32	35	40	38	42	40	39	44	43	39	29	30	23	30	57		36.6
Palmerton[1]	Maximum	55	47	58	54	48	79	51	57	49	61	72	76	61	51	67	49	50	64	57	53	40	54	59	70	51	60	70	56	67	78		58.8
	Minimum	27	42	35	28	40	47	37	32	36	30	48	50	37	41	36	44	33	29	39	39	34	31	32	43	39	36	36	29	29	51		37.0
Park Place[1-1 NW	Maximum	50	49	50	49	57	75	64	54	48	56	63	68	54	46	60	46	44	58	51	48	38	50	56	67	43	54	65	50	64	73		54.8
	Minimum	31	38	32	29	35	56	31	25	34	34	41	41	29	37	35	36	31	31	37	34	31	27	34	38	32	32	30	23	33	49		34.3
Phila. Arpt.[1-7 SW.	Maximum	58	61	54	58	69	82	70	59	51	61	75	78	62	56	69	54	55	69	75	62	42	52	61	73	55	62	73	56	69	81		63.4
	Minimum	31	45	38	33	43	60	43	35	41	35	43	61	44	43	43	47	42	40	48	42	36	35	35	42	44	42	41	35	38	56		42.0
Philadelphia C.O.[1]	Maximum	57	60	54	57	68	81	78	59	51	61	75	77	67	54	70	55	56	68	75	60	42	53	61	72	57	60	72	54	68	80		63.2
	Minimum	37	47	39	39	43	62	44	38	40	43	47	63	45	45	46	47	47	42	49	42	38	35	38	42	44	42	45	36	42	57		44.1
Phila. Shawmont	Maximum	57	58	67	66	76	82	75	59	58	60	75	78	73	63	69	70	54	69	70	60	50	53	60	73	72	60	71	73	69	79		66.7
	Minimum	30	47	42	33	44	73	51	34	42	33	47	63	43	42	41	49	46	34	45	49	39	35	32	43	47	41	53	33	34	55		43.3
Philipsburg[1-7 E	Maximum	55	58	53	48	61	70	45	54	51	59	72	64	59	52	67	58	45	58	54	60	39	51	62	65	43	54	61	51	69	72		56.8
	Minimum	35	38	32	30	37	45	29	22	27	20	45	32	28	35	25	34	31	32	39	36	32	31	35	39	32	29	28	21	22	55		32.5
Phoenixville-1.5 SE	Maximum	59	58	59	57	62	82	79	62	58	62	76	78	74	70	70	79	68	71	80	70	64	59	61	73	70	62	75	57	70	79		68.1
	Minimum	25	43	42	28	42	60	51	30	41	33	58	62	61	52	45	47	44	29	37	46	39	35	36	42	44	39	34	28	29	53		41.8
Pittsburgh Arpt.[1-7.5 SE	Maximum	63	61	56	54	82	73	54	57	57	72	77	65	58	65	72	64	49	63	59	72	51	61	80	67	48	58	64	56	76	73		63.6
	Minimum	38	36	34	38	50	53	36	30	40	39	57	35	32	46	46	37	34	39	48	48	40	38	46	45	35	33	32	30	37	56		40.3
Pittsburgh City Office[1]	Maximum	62	62	56	55	83	74	58	58	58	73	77	67	57	66	71	65	51	65	60	69	49	63	81	69	51	60	66	57	76	74		64.4
	Minimum	39	39	38	40	52	57	38	33	43	37	60	37	35	47	42	38	38	44	50	49	43	42	50	47	38	36	36	32	38	59		42.6
Port Clinton/	Maximum	54	44	56	54	64	79	51	55	51	59	72	74	62	52	64	49	50	64	60	55	40	53	58	72	45	60	71	55	65	77		58.8
	Minimum	24	34	40	28	30	43	49	32	40	28	32	59	38	38	35	45	41	28	38	42	37	33	31	39	43	37	40	30	28	30		36.4
Putneyville/-2.5 SE.	Maximum	45	57	59	51	79	72	40	56	55	67	78	65	56	65	67	68	49	61	51	61	42	59	79	66	48	58	61	54	77	71		60.4
	Minimum	22	38	30	31	38	44	36	19	26	27	37	45	28	30	28	36	31	31	34	34	34	33	35	46	37	27	35	19	22	31		32.1
Quakertown-0.5 E	Maximum	57	57	54	55	51	78	77	58	56	60	72	75	71	59	66	65	57	65	65	56	46	52	60	72	68	59	71	54	68	77		62.7
	Minimum	25	39	39	27	30	48	47	32	39	28	40	62	32	40	32	45	41	31	36	41	36	32	28	40	44	36	43	30	28	51		37.4
Reading[1]	Maximum	57	53	58	56	66	82	64	60	53	62	75	76	63	54	68	57	52	67	67	60	42	55	61	76	55	61	73	56	67	81		62.6
	Minimum	33	45	43	37	42	64	43	35	41	35	49	55	41	44	41	46	43	40	50	42	37	35	35	43	42	41	39	34	37	58		42.3
Ridgway/	Maximum	61	52	56	51	69	72	58	59	55	67	78	65	61	66	70	61	49	59	49	52	40	60	65	65	41	59	59	56	65	73		59.8
	Minimum	11	32	27																													§§
Scranton[1]	Maximum	57	49	53	54	57	75	64	54	47	63	67	70	51	55	60	48	47	54	50	42	40	52	62	70	47	58	65	54	69	78		57.1
	Minimum	30	44	36	31	41	57	36	32	36	31	48	45	36	42	37	44	39	36	38	37	34	32	34	46	36	36	35	30	31	53		38.1
Selinsgrove	Maximum	59	52	64	58	65	78	72	54	55	63	72	72	69	57	65	65	54	64	61	60	53	57	61	71	69	61	66	58	68	78		63.4
	Minimum	30	40	45	35	42	62	43	27	39	27	50	56	34	45	36	46	40	31	35	38	38	36	36	48	41	33	40	28	28	51		39.3
Shippensburg	Maximum	61	60	56	51	77	79	70	59	60	64	73	75	70	56	70	59	59	67	74	68	50	57	64	75	70	60	69	59	70	80		65.1
	Minimum	29	41	39	27	41	58	44	29	40	30	42	57	34	45	40	48	40	39	49	40	38	34	34	38	42	37	46	28	29	53		39.7
Somerset	Maximum	61	59	54	48	80	76	64	60	55	63	75	65	66	61	69	66	51	60	69	78	61	52	69	68	50	54	62	54	75	72		63.2
	Minimum	25	40	33	33	38	50	34	19	38	22	52	47	26	44	25	46	32	29	37	42	36	32	40	49	38	31	37	17	20	53		35.5
Springs[6-1 SW	Maximum	60	55	48	47	77	69	59	60	50	61	73	66	56	57	66	63	46	59	61	78	56	48	68	68	48	53	61	52	73	72		60.3
	Minimum	29	38	32	33	37	*49*	*38*	*19*	*34*	*22*	*48*	*52*	42	42	30	45	29	29	35	35	33	31	37	42	38	32	34	18	24	48		§35.0
State College[1]	Maximum	60	55	56	50	64	73	58	57	54	61	74	66	59	55	71	61	48	61	58	62	40	55	65	68	49	57	64	56	72	76		60.0
	Minimum	32	42	35	32	43	58	34	27	39	31	51	38	32	43	35	39	36	35	41	38	36	35	40	49	32	33	48	28	34	60		38.5
Stroudsburg-2 E	Maximum	58	55	62	60	54	80	76	60	58	63	73	76	60	68	66	52	63	62	55	51	55	59	72	70	62	71	57	70	79			64.1
	Minimum	25	41	40	25	40	42	48	32	40	28	46	61	37	47	35	42	40	27	34	42	36	28	30	42	43	36	39	31	27	45		37.6
Tamarack/-2 S	Maximum	57	46	50	47	61	72	39	56	49	59	70	64	59	54	67	51	45	56	43	43	34	53	63	68	41	55	58	54	70	71		55.0
	Minimum	22	34	28	28	31	38	33	20	32	37	50	27	28	34	38	30	30	32	33	31	29	30	31	39	29	29	22	23	33			30.7
Tionesta.-1.5 SE	Maximum	58	52	56	53	71	70	47	55	50	66	74	57	75	66	65	58	47	56	50	47	41	59	72	77	65	60	57	52	73	70		60.0
Titusville-2 S	Maximum	54	49	52	52	72	72	61	52	52	67	75	66	51	66	61	55	50	58	52	50	41	61	74	73	52	56	55	50	70	67		58.7
Towanda-1 E	Maximum	30	38	27	32	38	53	31	18	36	26	55	35	30	28	27	35	32	36	32	39	36	35	42	42	36	26	37	18	31	55		34.5
	Minimum	60	58	53	53	52	76	69	57	49	65	68	71	54	56	63	52	54	59	51	43	41	54	67	68	45	58	64	56	69	77		57.6
Tunkhannock/	Maximum	24	41	33	22	42	48	38	28	38	25	50	45	34	36	30	40	38	29	34	36	35	33	36	42	36	32	40	25	25	55		35.7
	Minimum	58	49	53	54	67	78	45	57	47	63	70	74	54	54	61	49	50	60	53	43	40	54	63	70	45	49	66	56	69	76		§57.6
Uniontown	Maximum	23	42	36	22	38	42	41	30	35	25	39	57	34	37	30	38	35	29	33	36	36	30	35	46	35	33	34	26	25	47		§35.0
	Maximum	66	63	60	54	84	78	68	62	60	75	81	70	63	62	74	68	58	69	75	84	65	66	83	76	51	62	68	59	79	75		68.6
	Minimum	39	49	36	42	51	56	43	29	45	35	60	52	32	47	35	56	38	40	40	50	48	39	48	51	44	36	43	25	30	58		43.2

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum	55	60	57	58	81	75	60	59	63	70	77	69	56	64	68	58	45	62	54	62	45	63	82	64	46	58	52	55	67	60	...	61.5
	Minimum	35	34	37	33	52	53	38	25	42	29	58	37	34	45	33	40	38	39	45	45	42	39	45	46	36	34	36	24	35	35	...	38.8
Warren	Maximum	59	57	58	54	60	70	59	57	56	67	78	70	53	72	62	56	51	55	55	47	42	64	78	70	47	60	56	54	75	72	...	60.3
	Minimum	38	39	28	29	38	36	31	23	36	27	55	35	31	30	30	35	32	35	33	38	36	36	44	44	34	29	36	21	29	56	...	34.8
Waynesburg	Maximum	63	62	56	56	82	79	69	59	58	74	75	69	61	62	71	67	51	64	72	79	59	66	80	68	46	57	64	57	75	72	...	65.8
	Minimum	31	44	34	30	53	69	38	24	41	28	62	47	27	41	31	47	35	45	48	42	44	33	45	45	40	33	39	22	26	57	...	40.0
Wellsboro/	Maximum	60	49	50	58	61	72	41	60	47	68	69	68	55	56	64	52	50	57	53	39	37	58	65	68	48	58	60	56	70	75	....	57.0
	Minimum	14	30	28	19	23	41	37	20	21	23	27	49	32	33	26	31	34	33	30	33	33	34	35	30	34	30	35	21	23	25	....	29.8
Wellsville	Maximum	59	60	55	53	72	80	75	56	58	62	72	74	71	58	66	58	55	67	71	68	56	53	60	76	73	61	70	58	68	77	..	64.7
	Minimum	25	45	40	25	44	60	45	30	42	26	47	58	36	40	42	48	42	27	38	40	38	35	32	38	42	37	34	26	27	51	....	38.7
West Chester	Maximum	57	57	57	57	67	82	70	60	52	61	75	77	70	56	67	60	53	68	73	61	41	55	62	72	66	60	73	58	68	78	...	63.7
	Minimum	32	44	40	33	42	61	44	33	39	34	44	62	42	43	41	46	40	33	46	41	37	33	33	41	44	39	42	32	35	53	..	41.0
Wilkes-Barre Arpt. 1-3N.	Maximum	56	49	55	54	53	76	65	54	48	63	67	70	52	53	61	50	48	57	50	44	38	55	60	70	45	56	64	53	67	76	...	§56.9
	Minimum	29	43	38	28	42	53	37	29	34	29	50	44	36	38	36	44	29	36	39	36	33	30	34	44	35	34	33	28	32	52	....	§37.4
Williamsport Arpt.[1]-4 E	Maximum	60	50	56	53	54	76	57	56	53	62	72	71	59	54	66	51	51	62	51	55	42	56	61	64	44	59	67	57	70	72	....	58.7
	Minimum	29	43	33	27	42	53	37	29	34	29	50	44	36	38	36	41	44	29	36	39	38	37	39	41	37	36	35	29	29	53	....	37.5
Williamstown	Maximum	60	54	57	55	60	79	65	57	55	62	68	73	71	59	67	66	51	64	63	60	55	55	60	73	70	59	70	55	69	80	....	63.1
	Minimum	28	44	39	28	41	54	42	30	40	27	47	57	36	45	36	45	40	27	39	44	37	34	35	44	42	38	43	31	29	54	...	39.2
York-3 SW	Maximum	57	65	58	57	74	83	78	61	59	72	75	76	75	63	71	71	63	69	75	74	65	58	64	78	74	65	73	59	71	82	....	68.8
	Minimum	27	49	43	29	45	63	49	31	42	29	46	61	37	42	41	50	43	30	41	42	40	36	31	45	46	39	39	26	36	57	....	41.2

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.48	13	29.51	16	10.4	31	sw.	6	79	70	74	33	593
Harrisburg	30.47	10	29.57	16	9.5	31	sw.	6	77	54	60	61	393
Philadelphia	30.49	23	29.53	16	9.4	23	w.	7	78	54	64	62	354
Philipsburg	30.42	16	29.51	16	.....	50	sw.	6	78	58	66	....	607
Pittsburgh	30.45	13	29.51	16	12.4	56	w.	6	74	54	56	43	394
Reading	30.50	23	29.58	16	12.6	42	se.	16	69	....	....	61	389
Scranton	30.47	10	29.54	16	7.5	26	nw.	27	72	51†	....	30	523

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. ^ One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	5.1	12.0	6	3.6	21	18
Easton	Delaware	6.9	16.5	6	4.3	21	22
Lehighton	Lehigh	4.7	7.0	6	4.1	1†	9
Reading	Schuylkill	5.7	7.1	17	4.9	1	13
Wilkes-Barre	N. Br. Susquehanna	10.9	24.8	7	6.9	21	22
Williamsport	W. Br. Susquehanna	5.9	11.9	6	3.8	15	20
Newport	Juniata	4.9	5.7	27	4.1	15	22
Harrisburg	Susquehanna	6.1	11.9	7	4.9	3	17
Schenley, (nr) Lock No. 5.	Allegheny	18.5	27.2	7	15.4	16	24
Sutersville	Youghiogheny	4.7	6.8	4	3.5	23†	20
Charleroi (nr.), Lock No. 4	Monongahela	13.1	16.1	4	11.4	21	30
Pittsburgh	Ohio	*	20.8	7	*	.....	25
Midland, Dam No. 7	Ohio	*	26.8	7	*	.....	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																															
Fog, heavy		9			5					3					5	5					5				4						
Frost, killing	41		19	38				49		39			19	9	16		8	25				12	7		18	8	5	3	48		
Glaze																				1	2										
Hail																				2	1									1	
Rain, heavy						5																								3	
Sleet			2			2									1		1				2				2	1	2				
Snow, heavy																															
Thunderstorms	1	4		1	22					1					6					3	1			1					29	
Winds, high				5	5	34	25			12	25	22			17	9	16			4	4		7		6	29		5	8		

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T. , Trace (0.005 inch or less).
a, b, c, etc. Number of days missing, for example, b indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

(W. B. O., Philadelphia—7-23-47—1100)

1.05
VP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LII. MAY 1947. No. 5.

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GENERAL SUMMARY.

The fourth wettest May of record transformed the rainfall deficiency that had accumulated in the first four months of this year into an excess. The lowest temperature ever recorded for May occurred during a cold spell from the 7th to 10th inclusive. An area of less than 25 miles diameter in Schuylkill and Berks Counties suffered visitations of tornadoes on three days spaced four days apart. The nearest approach to such a frequency occurred in June 1917, when three tornado days were also observed.

A series of rapidly moving depressions, with associated fronts, resulted in measurable rain on eighteen days, a record equaled only in 1933 and 1943. Some snow occurred generally during the early cold spell, but with the exception of Meadville, where 3.4 inches fell in 24 hours on the 7th and 8th, amounts were of the order of a trace. On the 13th, rain extinguished a forest fire that had raged for two days near Milroy. Lightning set off some costly fires, notably on the 19th near Harrisburg, where $17,000 worth of farm equipment and livestock was lost in a series of fires, and on the 25th at Peach Glen, where a loss of $200,000 was sustained in the destruction of a factory by fire set off by lightning.

Although there was a temperature deficiency of two degrees, which is not unusual, it helped make this the coolest spring in seven years. Vegetation was delayed considerably and had been considered free of frost danger, when the cold spell of the 7th and following days struck, with temperatures sometimes too low to be raised much by smudgepots. A new low temperature record for the State was reported on the 8th at Donegal, Kane, and Somerset, the 16° at those stations breaking the previous minimum of 18°. Damage was done to cherry, apple, and peach trees. An ingenious farmer near Waynesboro used a helicopter on May 10 to stir up the surface air over his orchard and upset the inversion. This was a successful experiment, the temperature of the orchard being brought up in a few minutes from 26° to above 32°.

On the 21st a tornado struck at Shoemakersville, at 4:45 p. m., along a path about half a mile wide and six miles long, from Centerport to east of Mohrsville. It killed a thirteen year old boy, when the garage in which he and his brother had taken shelter was destroyed. His brother was carried 50 feet, but was unhurt. The building was carried 100 feet. On the 25th, a small tornado, accompanied by heavy rains and lightning, struck in the vicinity of Hamburg and Lenhartsville at 5 p. m. It damaged a Sunday school house, ripping off the roof and scattering parts of it for 500 feet. Other houses were unroofed, and trees and electric service poles blown down. On the 29th, a tornado at Pine Grove resulted in the death of a farmer and two horses, as it demolished a barn. The tornado damaged a number of other houses and trees in a path at least 1½ miles long. At Carlisle, North Middletown and Middlesex Townships, about 3:30 p. m., a tornado damaged scores of buildings on the same day along a fifteen mile path in which the intensity varied frequently. At Harrisburg, on the 29th, a gust of wind estimated at 55 miles per hour uprooted numerous trees and tore roofs off several houses and barns. These violent storms were associated with a cold frontal passage that caused an unseasonably cool, but pleasant, Memorial Day.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 57.7°, which is 2.0° below the 60-year normal for May. The highest monthly mean was 64.2° at Phoenixville, and the lowest was 51.3° at Kane. Extremes ranged from a maximum of 93° at Phoenixville on the 14th and 21st to a minimum of 16° at Donegal, Kane, and Somerset on the 10th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 214 stations, was 6.36 inches, which is 2.35 inches above the 60-year normal for May. The greatest monthly amount was 11.84 inches at Freeland, while the least was 2.16 inches at Dunlo. The greatest amount recorded in any 24 consecutive hours was 3.31 inches at Virginville on the 25th.

The average snowfall for the State was 0.2 inch, which is 0.2 inch above the 60-year normal. The greatest monthly snowfall was 4.5 inches at Kane. The greatest fall for any observational day was 3.4 inches at Meadville on the 7-8th.

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	57.3	91	24	4.24	T.	16	4	11	16
1889	60.4	96	25	5.91	0	11	11	9	11
1890	58.5	89	23	6.71	0	15	7	11	13
1891	57.3	93	20	2.12	0.2	8	10	10	11
1892	58.5	91	28	5.70	0	16	7	10	14
1893	57.9	93	26	5.54	0	12	11	8	12
1894	60.8	92	27	8.88	0	16	9	8	14
1895	60.6	102	22	2.68	0	9	13	10	8
1896	65.4	98	31	2.85	0	10	10	12	9
1897	57.7	88	25	5.24	T.	12	11	10	10
1898	60.0	94	22	5.11	0	15	8	9	14
1899	61.1	100	24	3.82	0	11	10	11	10
1900	60.4	96	20	2.79	T.	9	13	9	9
1901	58.9	91	28	5.56	0	15	8	9	14
1902	59.8	95	25	1.96	0	8	13	11	7
1903	61.8	94	18	1.67	0	7	16	9	6
1904	61.6	94	21	3.78	0	11	12	10	9
1905	60.8	93	22	2.59	0	12	11	9	11
1906	60.0	99	23	3.23	0	10	12	10	9
1907	54.8	91	19	3.08	0.1	11	11	9	11
1908	61.2	96	22	6.28	0.3	15	10	10	11
1909	59.2	92	23	2.90	0.1	10	12	10	9
1910	56.8	88	24	3.38	0	12	11	10	10
1911	65.2	99	20	1.97	0	7	17	10	4
1912	61.2	91	28	3.15	0	11	14	8	9
1913	58.5	93	21	3.86	0	10	13	8	10
1914	61.5	96	19	3.34	0	9	16	9	6
1915	56.2	84	21	4.16	0	14	10	8	13
1916	61.0	93	26	3.19	T.	13	12	11	8
1917	53.3	90	20	3.39	T.	13	9	10	12
1918	65.1	95	21	5.04	0	14	13	12	6
1919	59.5	98	27	5.80	0	14	13	7	11
1920	56.6	92	18	2.02	0	8	17	8	6
1921	59.8	93	22	3.93	0	11	14	8	9
1922	62.5	96	20	3.21	0	10	15	8	8
1923	58.3	93	20	3.50	0.6	8	19	6	6
1924	54.6	92	18	5.71	0	17	9	9	13
1925	55.2	98	22	3.49	0.2	11	13	10	8
1926	58.8	95	18	1.78	0	8	17	10	4
1927	58.2	92	23	4.14	0	16	9	9	13
1928	58.0	95	20	2.23	0	10	15	9	7
1929	58.5	97	23	4.81	T.	14	13	9	9
1930	61.2	99	25	3.03	0	10	15	8	8
1931	59.8	98	19	5.28	T.	15	13	9	9
1932	59.8	98	21	3.69	0	10	15	8	8
1933	62.2	94	24	5.86	0	18	8	10	13
1934	62.2	98	22	2.51	0	8	18	8	5
1935	56.0	92	21	3.00	0	10	13	8	10
1936	62.8	96	24	2.09	0	7	19	8	4
1937	60.7	96	24	3.39	0	11	14	10	7
1938	58.8	93	20	3.85	0	13	11	9	11
1939	62.8	99	20	1.58	T.	7	16	10	5
1940	59.2	93	22	4.46	T.	16	9	9	13
1941	61.3	102	21	2.25	T.	9	15	9	7
1942	62.5	99	22	5.88	0	12	10	10	11
1943	60.4	93	19	6.08	T.	18	6	11	14
1944	65.6	95	27	4.28	T.	12	12	11	8
1945	55.7	91	18	5.12	0.3	16	9	10	12
1946	58.3	92	23	7.25	0	16	9	8	14
1947	57.7	93	16	6.36	0.2	18	9	9	13
Period	59.7	102	16	4.01	T.	12	12	9	10

Climatological Data for May 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt 9-4 NE	Lehigh	384	6	58.8	−1.7	87	29	28	10	6.77	+3.27	1.49	5 6	0	17	5	10	16	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	61	57 8	1.4	89	29	26	10	4 40	+0.32	1.28	18	T.	16	14	14	3	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	5	58.4‖	.....	90	28	18	10	4.46	.....	1.50	25	T.	16	12	5	14	w.	Penna. Turnpike Comm
Canton 1 NW	Bradford	1,450	7	54.7	.....	81	24	21	8	5.35	.....	1.22	25	T.	17	12	8	11	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	478	78	61.3	−0.5	90	29	28	10	6.26	+2.45	1.31	29	T	16	15	5	11	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	51	59.8	−1.8	85	24†	25	10	4.31	+0.62	0.80	24-25	T.	19	11	11	9	s.	Charles A. Bender.
Coatesville	Chester	431	59	59.8	-1.7	86	13	25	9	5.78	+1.88	1.10	30 1	0	15	11	4	16	w.	Philadelphia Electric Co.
Curwensville Apt 6 NW	Clearfield	2, 215	4	52.8	.....	81	28‖	18	10	8 11	.....	1.48	21	0.3	23	5	4	22	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2, 020	5	53.6	.....	82	24	23	8†	10.12	+3 98	1.95	25	T	17	9	9	13	s.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2, 125	9	56.7	.....	84	24	27	8†	4.59	−0.05	0.89	14-15	T.	19	6	7	18	w.	U. S. Weather Bureau.
Emporium 1 E	Cameron	1, 100	60	56.0	−2.0	88	29	20	10	6.37	+2.02	1.11	21-22	0.4	22	6	6	19	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	49	61.8‖	−0.1	89	28	29	10	4 76	+1.35	0.85	29-30	0	16	11	13	7	s.	Ephrata Review.
Everett-0.5 SW	Bedford	1, 020	24	58.5	−1.4	91	29	24	10	3 44	−0.18	0.58	17 18	0	19	8	7	16	e.	Penna. Turnpike Comm
Freeland	Luzerne	1, 970	53	56.6	0 2	83	29	24	8	11 84	+7.75	2.70	25 26	0	21	.....	.....	.....	w.	Andrew B. Evansha.
George School	Bucks	184	40	59.4	−1.9	86	29	27	10	8.33	+4.86	1.41	30-1	0	14	12	10	9	w.	George M. Hart.
Gettysburg	Adams	553	73	62.2	+0.3	87	29	30	10	5.83	+1.91	1.13	21-22	0	18	14	10	7	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	58.0	−0.4	87	24	21	10	11.45	+7 21	2.55	21-22	T.	14	9	9	13	w.	Miss Sallie M. Johnson.
Hanover	York	600	42	61.8	−1.6	90	29	29	10	7.62	+4.20	2.25	21 22	0	18	10	10	11	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	77	61.1	−0.7	89	29	32	9	5 27	+1.83	1.61	25	0	17	5	9	17	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	36	57.1	−0.4	88	24†	22	10	8.15	4.49	1.40	25	0.2	19	9	12	10	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	31	61.5	−1.8	88	18	36	9†	5.50	+2.68	1.04	17-18	0	17	8	12	11	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	60.2	−0.3	91	29	21	10	3.86	−0.29	0 60	14	T.	19	8	5	18	w.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	59	61.4	+0.1	88	13	28	9‖	5.24	+1.93	1.25	19-20	0	17	14	7	10	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	49	57.9	+0.3	87	29	24	10	6 48	+2.71	1.60	21 22	T.	14	7	18	6	.....	Carlos P. Darling.
Lebanon	Lebanon	469	62	60.2	−1.1	87	28‖	29	9	8 68	+4.84	2.23	21-22	T	19	16	11	4	sw.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	8	60.2	.....	92	24	26	11	4.46	.....	0.66	14-15	T.	20	12	8	11	w.	American Viscose Co.
Lock Haven	Clinton	557	55	61.0	−0.8	92	29	27	10	1 34	+0.32	0 93	17 18	T.	19	13	5	13	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	63.8	−2.8	88	20†	35	9†	11.51	+7.92	1.52	22	0	17	5	10	16	sw.	Sun Oil Co.
Martinsburg[5]	Blair	1, 193	4	57.1	.....	86	29	26	10	3 59	.....	0.75	13-14	T	18	5	9	17	w.	U S Weather Bureau
Montrose-3 E	Susquehanna	1, 176	41	54.6	−0.6	83	24	26	8‖	6.29	+2.39	0.89	5-6	T.	17	6	8	17	s.	Harry S. Fancher.
Mt. Pocono Arpt. 2 N.	Monroe	1, 914	5	53.3	−0.8	83	24	25	8†	6.66	+2.58	1.36	25-26	T.	17	5	11	15	w.	U. S. Weather Bureau.
Palmerton	Carbon	555	28	58.2	−1.7	86	29	26	10	7.18	+3.50	2.23	25-26	T.	17	10	11	10	ne.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	76	62 0	−0.9	87	29	36	9	8.68	+5.42	1.91	22	T.	15	7	12	12	s.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1, 916	4	53.3	....	83	28	23	11	5.21	.....	1.35	17-18	0.3	21	6	5	20	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	37	64.2	+1.9	93	14†	32	9‖	6.88	+2.98	1.37	5-6	0	14	9	16	6	sw.	Phila.-Suburban Water Co.
Port Clinton[11]	Schuylkill	407	8	57.8	−3.2	85	13	26	10	10.42	+6.28	1.95	25	T.	18	11	4	16	..	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	61	58.8	−0.9	87	29	28	10	8.75	+4.32	1.27	5 6	0	18	12	9	10	w.	John E. Benner.
Reading	Berks	273	76	61.6	−0.3	89	24	34	9	5.58	+1.91	1.03	5	0	17	8	5	18	w.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	58.6	−0.8	89	29	31	8	6.99	+3.72	2 29	21-22	T.	18	7	12	12	sw.	U. S. Weather Bureau.
Seliusgrove	Snyder	476	56	59.4	−1.4	86	29	27	10	6.44	+2 40	1.08	17-18	T	18	10	10	11	s.	Dr. Merle V. Hoover
State College	Centre	1, 217	61	58.2	- 0.8	88	29	30	9	4.42	+0.37	1.12	17-18	0.2	18	9	8	14	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	27	60.4	+0.7	89	29	25	10	7.76	+4.26	1.73	30-1	0	19	9	4	18	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2, 250	6	54.2	.....	83	23†	24	9†	5.37	.....	0.91	17-18	0.5	19	8	10	13	w.	James E. Swartz.
Towanda-1 E	Bradford	754	52	58.2	+0.4	88	29	27	10	8 04	+4.66	2.24	24-25	T	17	8	9	14	w.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1, 319	76	55.2	−1.3	85	23†	20	10	5.44	+1.65	0.83	21-22	1	19	10	5	16	w.	M. S. Bliss.
West Chester	Chester	410	97	61.7	+0.7	88	13	29	9	6.94	+2.69	1.42	19-20	0	15	13	7	11	nw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	8	58.2	.....	88	29	30	8	7.89	.	1.65	22	T.	18	6	5	20	sw.	U. S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	2	58.3	.....	86	24†	29	10	6 23	.....	1.34	25	T.	17	6	5	20	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	30	59.4	−1.1	87	29	28	11	7 38	+2.72	1.93	25	T.	15	3	17	11	.....	Gordon E. Lower.
York-3 SW	York	390	58	62.6	+0.7	90	24†	26	10	8.79	+5.33	1.82	19 20	0	18	11	10	10	s.	York Water Co.
Division mean			....	58.8	.....	93	14†	17	10	6.68	.....	3.31	25	T.	18	9	9	13	w.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	11	55.6	.....	83	29	26	8†	5.42	+0.23	1.13	13-14	0.2	20	4	6	21	w.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	29	53.2	−2 2	80	23†	19	10	6.74	+2.94	1.29	2	1.0	22	7	7	17	w.	City Water Dept.
Brookville Apt.-1.5SW	Jefferson	1, 400	56	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	Civil Aeronautics Authority
Butler	Butler	1,077	33	57.6	−2.3	86	29	22	10	7.05	+3.45	1.45	24-25	T.	20	13	5	13	sw.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	36	54.4	.....	80	12†	20	10	6 66	+2.50	1.12	29	T.	19	6	3	22	w.	Penna. Electric Co.
Claysville	Washington	1, 170	43	57.3	−3 5	84	24†	20	10	5.34	+1.55	1.02	17-18	0	16	9	7	15	w.	Walter B. Paget.
Corry	Erie	1,410	32	54.9	−0.3	80	28	21	10	6.75	+2.88	1.12	21-22	T.	21	7	12	12	sw.	Geo. R. Mulderick.
Coudersport	Potter	1,653	22	51 5	−1.7	83	29	18	10	6.36	+1.86	1.13	20-21	T	21	9	15	7	s.	Potter Enterprise.
Derry	Westmoreland	1, 150	49	59.3	−1.5	86	28	24	10	4.77	+0.81	1.08	13-14	T.	15	9	17	5	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1. 746	3	53.4	.....	82	28	16	10	5.24	....	0.95	13-14	T.	20	5	23	3	w.	Penna. Turnpike Comm.
Donora	Washington	761	20	61.2	−1.9	87	28	28	10	4.63	+0.92	1.04	16-17	T.	15	6	14	11	sw.	Donora Zinc Works.
Ebensburg	Cambria	2, 170	29	54.6	- 1.9	81	28	23	10	4.66	+0.27	0.63	13	T.	21	1	17	13	sw.	John L. McGough.
Farrell	Mercer	855	33	60.6	+0.6	87	28	27	10	6 67	+3.34	0.97	4†	T.	12	10	11	10	se.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	3	55.8	.....	84	28	21	10	6.57	.....	2.40	17-18	T.	18	14	4	13	w.	U.S. Engineers.
Franklin	Venango	987	72	55.2	−2.4	83	28	23	10	6.45	+2.81	0.87	3	T.	21	12	7	12	w.	William K. Fuller
Greensburg-2 S	Westmoreland	1, 160	37	57.9	−2.6	84	28	18	10	5 56	+1.52	1.32	13-14	T.	16	8	5	18	sw.	Westmoreland Water Co.
Indiana 2.5 SE	Indiana	1, 102	45	57.6	−2.2	84	28†	18	10	5.57	+1.38	1.30	25	T.	19	8	18	5	nw.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1, 050	5	54.6	.....	81	28	21	10	7.51	+3.51	1.01	19-20	.....	19	.....	.....	.....	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1, 650	64	60.4	−0.6	91	28	27	10	4.92	+0.48	1.10	17-18	0.2	18	10	11	10	nw.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1, 750	31	51.3	.....	82	28	16	10	7.29	+2.79	1.14	1-2	4.5	22	6	4	21	w.	Spring Water Co.
Meadville-1 S	Crawford	1, 065	52	54.2	−2.8	81	28	21	10	7.40	+3.36	1.23	25	4.1	20	4	9	18	sw.	City of Meadville.
Midland	Beaver	780	10	57.3	−3.7	85	28	26	10	4.74	+0.24	0.92	25	T.	18	6	11	14	nw.	Perry P. Campbell.
New Castle 1.5 N	Lawrence	900	66	56.2	−3.5	85	28	24	10	4.42	+0 95	0.70	4	0.7	19	6	10	15	w.	New Castle Water Co.
Pittsburgh Apt. 7.5 SE	Allegheny	1,286	13	58.7	−1.5	85	28	30	9	3.78	+0.57	0.95	24-25	T.	16	5	6	20	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1, 270	3	54.6	.....	83	28	17	10	6.95	.....	1.55	17-18	T.	21	10	5	16	w.	U.S. Engineers.
Ridgway	Elk	1, 385	39	54.3	−1.6	84	28	17	10†	5.98	+2.01	1.27	17-18	T.	22	5	5	21	s.	West Penn Power Co.
Somerset	Somerset	2, 100	75	55.2	−1.5	82	23†	16	10	6.16	+1.32	1.11	17-18	T.	18	7	7	17	sw.	D. L. Grove.
Springs-4 SW	Somerset	2, 500	27	53.8	−1.7	81	24†	18	10	4.74	+0.54	0.91	2	T.	19	8	2	21	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1, 200	9	53.4	.....	82	28	21	10	5.90	+1.08	0.82	21-22	2.0	22	9	3	19	s.	U. S. Engineers.
Titusville-2 S	Crawford	1, 550	3	54.0	.....	79	12†	18	10	5.73	.....	0.60	4-5	0.5	21	2	26	3	sw.	U. S. Weather Bureau
Uniontown	Fayette	1, 040	58	60.5	−1.6	86	28	25	10	4.76	+0.65	1.28	17-18	T.	18	9	15	7	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	32	57.4	−3.7	86	29	23	10	4.67	+1.09	1.38	25	T.	17	8	15	8	....	Carnegie-Illinois Steel Corp.
Warren	Warren	1, 190	58	56.0	−0.6	85	23	21	10	6.09	+1.89	1.10	21 22	T.	19	10	14	7	sw.	Merrell L. Jordan.
Waynesburg	Greene	1, 100	17	57.9‖	−3.1	87	28†	19	10	5.53	+1.38	1.28	17-18	T.	14	10	14	7	sw.	Thomas S Knox.
Division mean			....	56.1	.....	91	28	16	10	5.79	.....	2.40	17-18	0.4	19	8	10	13	sw.	
Lake Drainage																				
Albion	Erie	900	3	.....	.....	.....	.....	22	10	6.52‖	.....	1.10	17	.....	17	7	12	12	sw.	Albion High School
Erie	Erie	705	73	54.0	−2.8	75	29	32	10	5.98	+2.58	1.34	25	T.	17	7	6	18	w.	U. S. Weather Bureau.
State mean		.....	....	57.7	−2.0	93	14†	16	10	6.36	+2.35	3.31	25	0.2	18	9	9	13	w.	

[See page 40 for explanation of reference marks.]

Daily Precipitation for May 1947

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	.89		.15			1.23	.15							.66	.81			.14	.14	.24	.03	.89	.12			2.85				.64		8.91
Equinunk[2]	Wayne	.90		.33		.01	1.57	T.	.41	T.					.32	.34		.03	.30	.10	.14	.01	2.46	T		.53	.65				.80		8.90
Hawley[2], 0.5 E	Wayne	1.31	T.	.40	.01	.05	1.10	.05	.21	T					.40	.20		.01	.26	.14	.31	.07	1.15	.06		T	1.40		.03		.58		8.15
Hollisterville[2]	Wayne	1.13	T	.26	.02	T	.01	.32		.03					.42	.59		.02	.08	.53	.63	.04	1.36	.02			1.91		.02		1.10		8.49
Lakeville[2], 1 N	Wayne	1.37	*	*		*	*	2.00	.03	T.					.26	.32		*	*	1.12	.30	*	1.10			T.	.10			.84		7.44
Matamoras[2]	Pike	.99	.14	.14			1.02		.17						.06	.52			.56	.06	.19		1.02	.14			2.08		.09		.39		7.57
Milanville[2]	Wayne	1.07		.30			1.20	.03	.21						.14	.10		T.	.30	.05	.52	T.	.86	.02		T.	.99	.05		T.	.5		6.71
Mount Pocono[1], 2 N	Monroe	.11	.32		T	.80	.05	.22	T	T.				.21	.17			.15	.69	.40	.11	.86	.46		T	1.35	.01	T	.01	.46			6.66
Pecks Pond[2]	Pike	1.09		.26	T.	T	1.18	.10	.22						.91	.31			.13	.80	.58	T.	1.78	.01			1.72					.42		9.07
Pleasant Mount[1, 5], 1 W	Wayne	.17	.50		.06	.68	.22	.47						.34	.55			.42	.18	.07	.40	1.75		.02	.62	.14			1.18				8.07
Stroudsburg, 2 E	Monroe	1.73	.15	.05		1.02		.10	T.	.01					.13	.02		.03	.20	.03	.46	.42	.82		.34	.39	1.40		.01		.43		7.76
Tanners Falls[1, 5], 1 SE	Wayne	.26	.60		.03	.76	.11	.27						.20	.85			.03	.43	.79		.82	.53		.10	.70	.02		.05	.45			7.00
Wind Gap[1, 5], 3 SW	N'rthampton	.07	.02		.04	.94	.05	.05							.03			.06	.51	.33	.30	.89	.34		.19	2.54	.04		.08	.73			7.24
LEHIGH																																	
Allentown Apt[1, 5, 9], 4 NE	Lehigh	.22	.04	.05	.25	1.46	.03	.07	T.					T.	.22		T.	.20	.25	.45	.27	1.00	.48			1.16		T.	.08	.44			6.77
Allentown[2]	Lehigh	1.82	T	.10	.01	.29	1.42		.05	T.					T.	.50			.15	.06	.53	.24	.86	.16			1.40	T.	.14		.43		8.16
Bethlehem[1]	N'rthampton	.19	.04	.01	.27	1.60	.05	.06		T.				T.	.32		T.	.03	.23	.36	.14	.62	.37			.76			.21	.55			5.81
Blakeslee Corners[1, 5]	Monroe	.05	.59		.20	1.02	.05	.29						.30	.03			.02	.54	.47	.17	1.31	.53		.03	1.27		.02	.05	.63			7.64
Gouldsboro[2]	Wayne	.92	.21			T.	.92	.05	.33	T.					.49	.47			.22	.53	.85	.06	1.64	.11			03	1.05		.06		.77		8.71
Lansford[2]	Carbon	1.40	.08	.40	*	.33	.80	.05	.22	T.					.21	.15			*	.63	1.20	.10	1.42	T.			1.87				.24		9.10
New Tripoli	Lehigh	.36	.49	.09	.29	.92	.23	.08	T.						.20			.03	.18	.06	.58	1.27	.47			.87	1.10		.09	T.	.83		8.44
Palmerton[1, 5]	Carbon	.04	.23	T.	.51	1.00	T.	.08	T.					.04	.14		T.	.06	.40	.25	.17	1.07	.38			2.18	.05		.03	.55			7.18
Zionsville, 1 SW	Lehigh	1.60	.05	.05	.10	1.10	.40	.10							.20				.40	.10	.80	.40	.75			.55	.25		.10		.40		7.65
SCHUYLKILL																																	
Conshohocken	Montgomery	4.24			.38	.73	T.	T.							T.			T.	.54		1.51	.31	1.02			.05	.26				.47		9.51
Fredericksville[2], 1 S	Berks	1.58	T.	.11	.02	.44	.61	T.	.04						T.	.24		T.	.27	.19	.49	.25	.75	.11	T.		.95		.16		.79		6.98
Geigertown[2]	Berks	1.18		.12	.13	.34	.22		.12						.02	.25			.23		1.36	.19	.60				.50	.06	.03		.50		5.85
Gratersford[2]	Montgomery	1.39		.07	.04	.19	.83	.21	.02							.43			.04	.09	.81	.19	.41	.35			.73				.58		6.38
Phoenixville[2], 1.5 SE	Chester	1.04	T		.19	.08	1.29		.03						.01	.21			.38	T	.85	.47	.57	.53	T.		.68				.52		6.88
Port Clinton[2]	Schuylkill	1.65	.08	.36	.04	.16	.86	T.	.16	T					.11	.29			.15	.18	1.22	.15	1.25	.05			1.95		.11		1.65		10.42
Pottstown[2], 0.5 S	Montgomery	1.19		.08	T.	.21	.51	.17	.12							.12			.20	.05	1.18	.14	.38	.32			1 11	T.			.48		6.26
Pottsville[2]	Schuylkill	.98	.33	.14	*	.50	.62		.22	T					.17	.58			.29	17	.90	.29	2.33				1.57				.52		9.61
Reading[1, 5]	Berks	.06	.41		.06	1.03		.04						.01	.78	T.	T.	19	.06	.14	.09	.63	.37			.57		.08	.20	.86			5.58
Strausstown[2]	Berks	1.50	T.	.23	01	.38	.76		.13						.10	.37			.20	03	.94	.12	1.37	.04			2.22		.11		1 66		10.17
Virginville[2]	Berks	1.32	.04	.28	.06	.13	.66		.08	T.					.06	.09		T.	.22	.15	.52	.36	.60	.05			3.31		.07		.75		8.75
Wernersville	Berks	.31	.44	.01	.05	1.33	.18	.06	T.						.17			.08	.22	02	.45	.42	.75			.36	.46		.08	.47	.04		5.90
LOWER DELAWARE																																	
Coatesville[2]	Chester	1.10	T.	.01	.10	.17	.14		T.		T.				05	.19	T.	T.	.33	.04	1.00	.40	.67	.42	T.	T.	.65	T.			.51		5.78
Doylestown	Bucks	1.39	T.	T.	.83	.49	.20	.01							.67			T.	.23	.04	61	.74	.90			.20	.24		.07		.54		7.16
George School[6]	Bucks	1.41	.01		1.14	.64	.07	.11							1.27				.17		.77	.30	1.11			.07	.33				.93		8.33
Maple Glen[7]	Montgomery	1.31			.67	.35	.36	T.								.70			.20		.77	.42	1.12			.17	.32				.77		7.16
Marcus Hook[2]	Delaware	4.05	.51	.01	.10	.25	.73		.03						.27	.09			.10	.10	.89	.88	.31	1.21			1.36				.62		11.51
Philadelphia																																	
Southwest Airport, [1]	Philadelphia	.63	T.	T.	.48	.81	.02	.07						T.	.28		T.	.01	.05	1.28	.09	.78	1.67		T.	.61				.41	T.		7.22
City Office[1, 5]	Philadelphia	.74	T	T.	.82	.82	.02	.05	T.					T	.42			.01	.03	1.52	.09	.89	1.91			.98			T.	.34	.01		8.68
Shawmont	Philadelphia	1.75			.65	.75	.26	.05							.30		T.	.10	.15	T.	1.00	.40	1.80			.10	.35			T.	.85		8.51
Quakertown, 0.5 E	Bucks	2.10	.02	.03	.41	1.05	.22	.12	T.						.62	.01		.02	.43		1.23	.16	.64			.66	.37		.21		.45		8.75
West Chester	Chester	1.54	.02		.24	.28	.09	.01							.29			.02	.25		1.42	.95	.89		T.	.09	.45				.40		6.94
West Grove[2], 1.5 SE	Chester	2.28	T.	T.	*	.23	.50		.02						.13	.02			.26		.08	1.43	.46	.86			.65				.60		7.52
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	.05	.58	.09	.01	.43	.01	.21						.31	.40			.04	.47	.10	.04	.68	.13			.42		.01		.05			4.09
Covington[2]	Tioga	.23	.08	.32		.09	.73	.07	.20	.02					.43	.11			.16	.28	.26	.08	1.53			.28	.24				.75		5.86
Lawrenceville	Tioga		.48	T.		.78	.12	.38	T.					.40	.70		T.	.10	.28		.20	T.	1.60			.24	.34	.08	T.	.78			6.48
NORTH BRANCH																																	
Berwick	Columbia	.42	.17			.68	.42	.35	T.						.25		T.	.06	1.43		.32	.14	.98		.12	.50	.16		.03	*	.75		6.78
Canton[2], 1 NW	Bradford	.49	.34	.12		.04	.85	.03	.41	T.	T				43	.02			.18	.12	.20	.02	.75				1.22		.02		.11		5.35
Danville[2]	Montour	1.04	.61	.24		.15	.95	.10	.30						.30				.30	.20	.73	.14	.87			.37	.65		.02		.73		8.30
Freeland[2]	Luzerne	1.80	.20	.45	.03	.05	1.64	.04	.29	T.					*	.30			.35	.44	.18	.14	1.96	.14	.01	.05	2.70		.03		1.04		11.84
Hop Bottom[2], 2 S	Susquehanna	.90		.50		.20	1.00	T.	.38	T.					.70	.63			.23	.17	.06	.04	.78			T.	.51		T.		1.06		7.16
Millville[1, 5]	Columbia	.08	.68			1.30		.37						.33				.27	.47	.26	.10	.37	.30		.08	1.03		.14	.05	.73			6.56
Monroeton[2], 2 S	Bradford	.46	.13	.36	T.	.14	.83	T.	.24	T.	T.				.70	.04			.18	.24	.05	.03	1.23			*	2.28					.44		7.35
Montrose[2], 3 E	Susquehanna	.84		.55	T.	.14	.89	.01	.48	T.	T.				.69	.31		.03	.15	.24	.08	.02	.77			.24	44				.41		6.29
Orwell[2], 3 N	Bradford	.73	.22	.14	.10	.24	1.12	T.	.48	.02					.86	.32		.01	.18	.21	.02	.01	1.18			.60	.96				.31		7.71
Park Place[1], 1 NW	Schuylkill	.32	.31	T.	.02	1.51	.03	.25	T.	T.				.26	.31		T.	.46	.26	.27	.09	1.82	.64		.02	1.50		.03	T.	.84			8.94
Pikes Creek[1, 5]	Luzerne	.06	.40		.15	1.02	.08	.10						.28	1.28			.12	.65	.86	.14	.10	.45		.17	.55		.01	.11	.84			7.97
Rush[2]	Susquehanna	.62	.28	.12	.14	.32	.60	.14	.25	.03					.59	.91			.23	.33	.03	.05	.71			.40	.32				.57		6.64
Scranton[1, 5]	Lackawanna	.02	.25		.26	.78	.12	.39	T.	T.				.18	.68		T	.09	.29	.45	.01	1.52	.78		.07	.26		.08	.76			6.99
Susquehanna[2]	Susquehanna	.59		.33		.12	.81	.07	.55	.05	T.				.47	.39		.03	.28	.24	.03	.06	.81			.86	.35				.58		6.62
Towanda, 1 E	Bradford	.45	.62	.07	T.	.82	.26	.29	T.	T.				.38	.76		.01	.06	.55		.05	.13	.98			2.14	.10				.37		8.04
Tunkhannock[2]	Wyoming	1.17	.55	.28	T.	.46	.90	.02	.20						.66	.29			.20	.05	.25	.02	.52			.29	.70				.87		7.43
Wilkes-Barre[1], 3 N	Luzerne	.01	.38		.33	1.37	.08	.36	T.	T				.25	.39		T.	.14	.65	.87	.05	.35	1.65		.02	.24			.05	.70			7.89
WEST BRANCH																																	
Bellefonte[2]	Centre	.58	.33	.38	.02	.19	.07	.18	.07	T.	T				.22	.55			1.30	.17		.01	.58			.24	.11				1.15		6.15
Carrolltown[2]	Cambria	.14	.27	.21	.18	.09	.01	.09	.21	.08	T.				.70	.08		.01	1.03	10	.26	.01	.43			.23	.40	T.			.09		4.62
Carter Camp[2]	Potter	.15	.76	.51		.15	.33	.15	.25	.01					.53	.46			.56	.52	.18		1.55			.10	.74		.09		.37		7.41
Cedar Run[2]	Lycoming	.40	.49	.51		.05	.38	.05	.30	.05	T.				.43	.46			.73	.28	.24		.71			.34	.59		.04		.28		6 33
Clearfield[2]	Clearfield	.09	.26	.31	.06	.12	.06	.11	.21	.07					.32	.43	T.	.02	1.66	.07	.01		.78			.13	.90	.03	.06		.08		5.81
Coalport[2]	Clearfield	*	*	.46		*	.08	*	.18	T.	T.				.46			.12	*	.68	.08		.55			.40					.20		3.21
Curwensville Apt[1, 5], 6 NW	Clearfield	.01	.80	.18	.10	.18	.11	.41	.07	T.				.66	.46	.02	.01	.91	.51	.08	.10	1.48	T.		.27	1.00	.11	.07	.06	.51			8.11
Driftwood[1, 5]	Cameron	.04	.69		.02	.19		.33	.04					.36				42	.29	.10	.16	1.36	.10			59	.04	.01		.18			4.92
Dushore[1, 5]	Sullivan	.10	.63		.12	.99	.06	.33						.37	.11			.10	.18	.01	.14	.36	.51		.22	1.13				.61			5.97
Eagles Mere[2]	Sullivan	.52	.03	.73		.26	1.18		.62	T.					.32	.69			.20	.65	.20	.08	1.04	T.		.73	1.22		.07		1.58		10.12
Emporium[2], 1 E	Cameron	.11	.33	.39	.26	.24	.01	.34	.06	.01					.39	T.		.01	1.02	.38	.21	.01	1.11	T.		.38	.40	.04	.30		.32	.02	6.37
English Center[1, 5]	Lycoming	.83	.02			.57		.27						.27	.16			.38	.49	.06	.10	.57	.27			1.18				.23			5.40
Galeton	Potter	.02	1.10	.04	T.	.30	.02	.18	.14	.02				.24	.86	.06	T.	.04	.48		.22	T.	1.42			1.20		.11	.10	.75			7.30

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield	.11	.26	.36	.08	.28	.03	.10	.23	T.					.27	.58	T		1.28	.05	.06	T.	.55			1.06	.53	.03	.13		.14		6 13
Lock Haven[2]	Clinton	.11	.32	.34	.02	.35	.30	.10	.28	T.					.19	.08			.91	.02	.11	.03	.50				.33		.02		.33		4.34
Medix Run[1, 5]	Elk		.60		.06	.16		.23	.03					.62	.05			.55	.30	.28	.10	1.45	.04		.14	1.08	.08	.07	.03	.15			6.00
Philipsburg[1, 5, 7 E]	Centre	.27	.81	.07	.01	.18	.03	.39	.03	T.				.24	.35	.03	.02	.74	.61	T.	.04	.48	.06		.03	.32	T.	.07		.36			5.21
Renovo[2]	Clinton	.28	.56	.27	.06	.15	.23	.06	.34	.01					.28				1.16	.09	.11	T.	.49			.07	.50		.06		15		4.87
State College[1, 5]	Centre	.08	.52	.04	.02	.15	T.	.28	.02	T.				.27	.18	T	T	.83	.31	.01	.03	.51	.04		T.	.28	T	.01	T	.54			4.42
Tamarack[2, 2 S]	Clinton	.24	.29	.38	.02	.24	.25	.09	.23	.01	T.				.31	T.	T	.01	.91	.05	.38	T.	.78			.10	.58		.08		.32		5 37
Trout Run	Lycoming	*	.88			*	.83	.35						*	.86			*	.35	12	.77	*	.66			1.20				.50			6.46
Tyrone[1, 5, 4 NE]	Blair	.05	.73			.10		.27						.20	.51		.07	.39	.34			.34	.01		.06	.31			.05	.70			4.42
Wellsboro[2]	Tioga	.13	.03	.50		.15	.71	.04	.32	.02	T.				.31	.06		T	.15	.43	.15	T.	.83			.02	.74	.03	.03		.79		5.44
Williamsport Apt.[1-4 E]	Lycoming	.04	.67		T.	.83		.32	.04					.23	.05		T.	.43	.37	.29	.02	.53	.19		T.	1.54		.02	.06	.80			6.23
Williamsport[2]	Lycoming	.24	.49	.16		.04	.79	.03	.35	T.					.21	.03			.83	.34	.15	.03	.93				.71		.04		.79		6.17
Williamsport[2, 4 SE]	Lycoming	.32	.45	.37		.06	.80	1	.36	.03					.17	.11			.59	.14	.67	.09	.77				1.44		.27		1.25		7.56
JUNIATA																																	
Altoona, 4.5 W	Blair	.03	.35	.25		.07		.36	.06					.44	.50	.03	07	.04	1.28	.03			.39			.13				.17			4 40
Breezewood[1, 0.5 E]	Bedford	.11	.22	.05		.15		.03	T.	T				13	.41			57	.20	.03	.08	.32	.03		.05	.38				.15			[3]3.21
Buffalo Mills[2]	Bedford	.56	.24	.13		.14		.10							.58	.10			.73		.33	.05	.37			.30	.26					.17		4.04
Burnt Cabins[1, 2 NE]	Fulton	.21	.20	.08		.06		.20	T.	T				31	.20		.06	.26	.18	.06	.02	.21	.16			1.50				.75			4.46
East Waterford[2, 3 E]	Juniata	.57	.41	.14	03	T	.11	.02	.23	T	T.				.45	.89	.01	T.	.26	.32	.05	.07	.35	T		.01	.46		.04		.17		4.59
Everett[2, 0.5 SW]	Bedford	.47	.17	.14	.02	.10	.11	.03	.02						.50	.22	.01	T.	.55	.03	.05	.04	.24			.22	.34				.18			3.44
Huntingdon[2]	Huntingdon	.21	.15	.11	.06	.10	.01	.19	.14	T.					.39	.60		.08	.51	.16	.12	.01	.47			*	.08				.15			3.86
Lewistown[2, 1 W]	Mifflin	.38	.24	.58	.02	.01	.05	.15	.10	T					.27	.66	T.	.01	.40	.01	.35	.03	.48			*	.30		.01		.41			4 46
Mapleton Depot[2]	Huntingdon	.37	.19	.06	.09		.09	.10	.17	T.					.35	.80			.35	.04	.13	.36	.34			.40	.30				.42			4.25
Martinsburg[1, 8]	Blair	.02	.55	.09	.01	.22	T.	.23	T.	T.				.56	.19	T	.13	.53	.11	.02	.19	.34	.01		.10	.15		T.	T	.14			3.59
McConnellstown[2, 4NW]	Huntingdon	.15	.20	.20	.03	.19	.03	.17	.16	T.					.33	.87		.11	.14	.28	.08	.02	.33			.04	.07				.23			3.44
Nefis Mills[1, 5, 3.5 NE]	Huntingdon		.45	*	*	*	*	*	.90					27	1.07		.06	.10	.35	.11	.04	.96	.15		.25			.02	.93			[4]4.26
New Bloomfield	Perry	.40	.68		.05	.16		.22	T					15	.56	.09		.20			.14	.12	.60			1.1	.32		.04	.57			5.35
Newport[2]	Perry	.91	.43	.12	T.	.04	.20	.03	.21	T					.50	.05			.20	.02	.07	.09	.70	.02		.04	.26		.04		.37			5.30
Saxton[2, 1 W]	Bedford	.31	.27	.03	.12	.07	.03	.12	.09						.40	.05		.12	.48	.04	.18	.12	.18			.06	.20				.35			3.19
Shade Gap[1, 5, 0.5 SW]	Huntingdon	.22	.24	.01		.17		.10						.54	.14			.32	.18	.01	.12	.32				.40		.10		.22			3.12
LOWER SUSQUEHANNA																																	
Arendtsville[2]	Adams	.71	.68	.01	.05	.03	.11	.10	.03						.31	.23	.01	T.	.36	.22	.32	.08	1.01	T.	.01		1.33		.04		.09			5.73
Beavertown[2]	Snyder	.33	.55	.15	*	.05	.26	.10	.21	.02					.23	.73		.02	.11	.42	.16	.20	.53			T.	.99				.35			5.42
Bloserville, 1.5 N	Cumberland	1.00	.62	T.	T.	.12		.22	T.						.32	.16	.03	1	.62	1	.33	.15	.40		.77	2.43			1	.19	.73			9.45
Carlisle	Cumberland	.82	.77	T.	.07	.27	T.	.25	T.							.24	.07	.15	.24	.17	.12	.12	.57			1.00		T.	.02	.31			6.26
Columbia	Lancaster	1.24	.54	.02	.03	.28	.03	.07							.41	.04		T	.60	.50	.36	.28	.96			.18	T.			.43	T.			5.95
Dauphin[2, 3 N]	Dauphin	1.50	.55	.34	T	.05	.38	T.	.16	T.					.27	.18		T	.18	T.	.54	.18	.79	.01			1.94			.05		.55		7.67
Ephrata	Lancaster	.81	.29	.08	.03	.47	.08	.05	T						.08				.19		.43	.73	.78			.33					.78	.07		4.76
Glen Rock[1, 5]	York	.29	.12	.07	.03	.29		.06						.09	.22	.04			.17	.38	.92	.08	.63	.55		.25					.23			4.72
Gordon	Schuylkill	.60	.25			.43	.45	.23	T.						.64				.12	.76		.55	.12	.52		1.00	1.02				.50			11.45
Grantville, 2 SW	Dauphin	.99	.20	.02		.40	.05	.20	T.					.02	.19	.01			.07	.16	.23	.32	.60	1.59		1.48	.01							7.42
Hanover[2]	York	1.21	.02	.01	.05	.05	.26	.04	.02						.19	.27	1	T.	.48	.40	1.77	.10	2.23	.02			.20					.30			7 62
Harrisburg Apt[1, 5, 3.5 S]	Dauphin	.08	.41	.01	T	.23		.17						.16	.26	.04	T	.17	.16	.04	.17	.90	.52			1.61			1					5.27
Holtwood[2]	Lancaster	.88	.02	.26	.07	.11	.13		.02						.09	.01			.65	.39	1.01	.28	.48	.23			.59		.14	.10				7 62
Huntsdale[2]	Cumberland	1.50	.27	T	.10		.06	.03	.16						.32	.69	T.		.68	.33	.35	.06	.63				1.15		T.			.28		5.50
Kirkwood[1, 5, 1 SW]	Lancaster	.09	.10			.30		T.						.08	.06			.55	.23	.95	.20	.53	.49			.49					1.50		7.96
Lancaster	Lancaster	.92	.17	.06	.08	.27	.03	.06							.26			.02	.48		1.15	.24	.78			.20	.02							4.57
Lebanon[2]	Lebanon	1.56	.07	.07	.03	.10	.15	.01	.13						.14	.23			.20	.06	.51	.43	2.20	.03			2.10		.04			.59			5.24
Middletown[1, 1.5 W]	Dauphin	.12	.29	1	.05	.14		.14						.05	.07	.06	T	.19	.08	.12	.02	3.78	.48			.89								8.68
Millersburg[1, 5, 2 E]	Dauphin	.13	.77		.02	.28		.20					.10	.24	.08			*	.10	.06	.06	.51	.47			1.73	.02		.02	.01	.14			5.95
Milroy[2]	Mifflin	.39	.25	.35	.18	.10	.15	.26	.13	T					.27	.50	T.	T.	.40	.15	.29	.07	.40			.50	.07				21	.03		4.99
Newburg[1, 3.5 NW]	Cumberland	.45	.56		.03			.56						.35	.10			.52	.23	.05	.24	.32	.06		.11	1.50		.02			1.03		5 43
New Park	York	1.75	.28	.10		.38		*							.54			.06	.79		1.22	.81	1.00			.46	.22							7.29
Pine Grove[2, 1.5 NE]	Schuylkill	1.03	.12	.19		.18	.56	.02	.18	T					.20	.62			.02	.18	.05	.63	.24	2.66	.01		1.71		T.		.45			8 54
Selinsgrove	Snyder	.28	.63		.01	.39	.21	.38	T.					.09	.39			.35	1.08	T.	.32	.06	.85			.98	.12		.03	.15	.09			9.05
Shamokin[2]	N'umberland	1.12	.36	.24		.10	.68	.09	.27	T.					.41	.18			.90	.40	.24	.03	.88			.25	.52		.02		.38			6.44
Shippensburg	Cumberland	.87	.31	.08	.02	.16		.28	T.	T					.61	.06		.18	.93	.03	.61	.09	.43			.52	.52		.7	1.07	.30			7.08
Sunbury[2]	N'umberland	1.13	.20	.50	T.	.02	1.06	.13	.18	T					.21	.05			.95	.21	.18	.08	.91			.01	.68		T.		.29			7.78
Wellsville	York	.79	.24	T.	.09	.14		.10							.38	.12	T	.15	.63	.85	.30	1.06	1.87			.56	.44		.10	.58	T.			6 74
Williamstown[2]	Dauphin	1.15	.18	.16		.07	.53	T	.22	T.					.24	.11			.15		.73	.11	1.19	.03			1.93				.58			8.34
York, 3 SW	York	.90	.19	.08	.04	.58	.04	.04							1.20	.04		.03	1.25		1.82	.52	1.80			.07	.11			.10	.06			7.38
York Haven[2]	York	.88	.21	.15	.16	.07	.34		.08						.28	.12			.24	.05	.57	.34	2.98	.01			1.48		.10		.27			8.79
Potomac Basin																																	
Chambersburg[6, 1 SW]	Franklin	.03	.30	.08	.02	.14		.21	T.	T.				.24	.22		T	.29	.27	.30	.02	.08	.42		.01	.79		*	.12	.77			7.80
Gettysburg	Adams	.63	.23	T.	.05	.11		.13	.01						.22	.25	T.	.33	.38	T.	.41	.73	1.13			.89	.08		.01	.50	.04			4.31
Hewitt, 2 SW	Bedford	*	.55	.03		.17		.17							.44		T.		.75	.08	.07	.03	*		.68	1.20				.28			5.83
Hyndman[2]	Bedford	.80	.37	.09		.10	.05	.06	T.						.20	.02	T.	T.	.58	.15	.13	.30				.12	.25							4.40
McConnellsburg[2]	Fulton	.56	.13		.16	T.		.14	T.	T.					.30	T.			.60	.18	.18	.09	.22			T.	2.05		T		1.48			3.90
Mercersburg[2]	Franklin	1.07	.14	.01	.14	.30		.13							.30				.48	.16	.68		.34			.12	.60				.46			6.09
South Mt. San't'm[2]	Franklin	1.08	.39	.10	.02	.04	.23	.03	.14						.33	.23		T	.62	.11	.20	.04	1.26				.90		.08		.47			4.93
GULF DRAINAGE																																	6.27
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.22	.24	.02	.02	.14	.05	.13	.10	T.					1.00	.05			.76		.05	.01	.59			.42	.67	.13			.29			4.89
Allens Mills[1, 5]	Jefferson		.98	.02	.09	.16	.03	.31	.08					.67	.02		.03	.07	.32	.40	.09	.51			.75	.10	.07	.13	.15				5.89
Blairsville[1, 6 NE]	Indiana	.10	.42	.26	.02	.15	.09	.39	.01	T.				.77	.36		.16	.54	.23	.01	.06	.47	.06		T	1.10	T	.03		.19			5.42
Boswell[2, 6 NW]	Somerset	.40	.25	.13	.16	.35	.27	.32	.18	.04					1.34	.36		T	.93		.10	.06	.32			24	.30				.33			6.17
Bradford, 4 W	McKean	.08	1.29	.10	.05	.18	.12	.24	.10	.02				.62	.18		.08	.12	.35		.42	.17	.31		T.	.61	.44	.21	.32	.78			6.74
Brookville[1, 1.5 SW]	Jefferson																									.34				.13			5.70
Buckstown[1, 5]	Somerset	.77	.62	.59	.08	.09	.07	.24						.64	.67		.20	.51	.29	.09	.10	.29				.23	.71	.15	.11		1.12			6.66
Clarion[2, 3 SW]	Clarion	.22	.53	.17	.17	.42		.23	.03	.02					.56	.08		T.	1.05		.25	.04	.57			.60	.31	.06	.30	.81				6.75
Corry	Erie	.02	.73	.30	.01	.23	.04	.30	.15	.03				.41	.15	T.	T.	.21	.30		.67	.80	.32			.73	.07	.21	.20	.65				6.36
Coudersport	Potter	.02	.41	.37	*	.23	.03	.26	.08					.67	.13		.01	.14	.55	.03	.44	*	1.13											4.77
Coudersport, 7.5 E	Potter																																
Derry	W'moreland		.40	.15		.25	.05	.35	T.	T.				.50	.58	T.	.02	.10	.53		.10	.09	.50			.90							5.24
Donegal[1]	W'moreland	.01	.44	.01	.02	.26	.12	.34	.03	T.				.75	.20		.32	.75	.10		.10	.47	.02			.72		.02	.01	.55			5.16
Dunlo[1, 5, 0.5 SW]	Cambria	.06	.41	.17	.04	.11	.02	.10	.03	.02								.02	.03		.04	.03	.51		.04	.02	.27				.24			2.36
Ebensburg[2]	Cambria	.27	.32	.14	.11	.18	.12	.34	.13	.02	.03				.63	.06			*	.61	.18	.02	.02	.45			.47	.20					.36		4.66
Ford City[2, 4 S]	Armstrong	.23	.33	.08	.14	.20	.02	.17	.08	.03					.56	.02			2.40	T	.06		.51			.41	.85	.15				.33		6.57
Franklin[2]	Venango	.07	.29	.02	.87	.69	.03	.26	.02	T.	.02				.68	.05		.03	.62	.04	.63		.59			.09	.66	.16	.30		.33			6.45
Glen Hazel[2, 1 NE]	Elk																																
Home[1, 5]	Indiana	.08	.52	.14	.10	.13	.03	.30	.01					.69	.09			.68	.42			.63			.23	1.19		.07		.33			5.64
Indiana	Indiana	.10	.55	.37		.09	.02	.35	.03	T.				.38	.35		.11	.06	.69	.06	.01	.28	.60			1.09	.21			.22			5.57
Johnstown[2, 0.5 W]	Cambria	.36	.50	.12	.01	.07	.09	.32	.08	.02	T.				.67	.04		T.	1.10	.22	T.	.01	.28			.21	.15				.67			4.92

Continued on page 37

Daily Precipitation for May 1947 (Continued from page)

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	.03	1.11	.11	.17	.09	.05	.30	.17	T.				.85	.03	.01	T.	.38	.37	.11	.32	.71	....		.01	1.05	.29	.12	.09	.89			7.29
Kregar[1], 4.5 SE	W'moreland	.17	.58	.30	.01	.36	.17	.61	.05	T.				.90	.25		.23	.81	.47	.07	.15	.40	.08			.51	.02	.02		.18			6.30
Lycippus 2.5 E	W'moreland	.09	.41	.07		.21	.11	.41	T.	.01				.60	.93		.11	.09	1.12	1	.09	.19	.63	.11		.69	.25			.32			6.77
Martinsville[1], 5	Fore	.05	.88	.13	.27	.06	.09	.21	.07					.82				.73	.60	.13	.17	.61			.18	.73	.20	.18	.06	.58			6.55
Meadville[2], 1 S	Crawford	.09	.44	.05	.02	.35	.11	.27	.18	.01	T.				.37	.40		T.	.26	.04	.90	T.	1.19			.11	1.23	.15	.55		.65		7.40
Mosgrove	Armstrong	.17	.46	*	.25	.38	.02	.22	.04	T.					.58	.09		.06	1.77		.41	.03	.59			.21	.83	.18	.08		.22		6.59
Parkers Landing[2]	Armstrong	.22	.40	.09		.41	.03	.26	T.	.05					.70	.05	T.	.04	1.18	T	.18		.80			.35	.35	.15	.14				5.08
Pittsburgh Cty Off[1, 5]	Allegheny	T.	.21	.61	.06	.04	.01	.20	T.	T.				.88	.48		.02	.28	.26	.05	.06	.52				1.03	.05	T.		.25			4.41
Port Allegany[2]	McKean	.18	.41	.49	.03	.12	.07	.22	.09	.02					.51	.51			.37	.07	.24	.02	.82			.33	.54	.46	.20		.51		6.02
Punxsutawney[2]	Jefferson	.28	.55	.29		.20	T.	.28	.07	T.					.55	.05	T.	.22	1.80	.04	.27	.10	.62			.37	1.16	.06	.02		.71		7.64
Punxsutawney[2], 2.5 SE	Armstrong	.18	.4	.13	.01	.13	.01	.54	.10	.06					.70	.17	.01	.11	1.55	.66	.45					.20	1.10	.16	.11		.29		6.95
Ridgway[2]	Elk	.13	.62	.18	.21	1	.06	.27	.10	.02	.01				.43	.04			1.27	.08	.17	.06	.42			.11	.57	.15	.19		.41		5.96
Saltsburg[2]	Indiana	.3	.26	.27	.12	.29	.02	.20	.09	T.	T.				1.12	.04		.01	.77	T.	T.	T.	.69			.57	.78	T					5.82
Seward	W'moreland	.24	.34	.17	.38	.18	.11	.16	.36	.11					.74	.12		.16	.86	.06	.08	T.	.52			.25	.36				.14		5.34
Sheffield[1], 2.6 W	Warren	.08	.82		.39	.01	.09	.25	.10	.06				.69	.30			.30	.30	.24	.17	.62	.02	.08	.28	1.04	.64	.20	.26	.49			7.43
Smethport[1, 5], 1 SW	McKean	.06	1.11	.04	.06	.07	.08	.21	.05					.51	.30			.18	.28	.28	.10	.47			.04	.61	.52	.19	.07	.70			5.92
Strongstown[1, 5]	Indiana	.09	.60	.08	.06	.16	.04	.18						.58	.20		.11	.39	.86		.10	.55			.07	.58				.11			5.09
Tionesta[2], 1.5 SE	Forest	.11	.53	.02	.15	.48	.01	.25	.12	.03					.66	.01	.01		.57	.05	.30	.05	.82			.25	.65	.08	.24		.47		5.90
Titusville, 2 S	Crawford	.01	.62	.10	.48	.60	.04	.28	.07	.01				.57	.02			.27	.10		.08	.20	.31		T.	.56	.48	.28	.45	.30			5.73
Union City[1, 5]	Erie	.24	.60	.05	.11	.01	.04	.27	.05					.42				.49	.01	.44	.04	1.04			.03	.93	.20	.06	.30	.40			5.79
Vandergrift[1]	W'moreland	T.	.43	.01	.0	.04	.01	.23	.02					.52	.38	.01	T.	.36	.40			.55				1.38	.03	.07		.18			4.67
Warren	Warren	.03	.35	.13	.01	.22	.06	.20	.08	.10					.38	T.			.64	.05	.78		1.10			.20	.92	.18	.36		.36		6.09
Youngsville[1, 5]	Warren	.03	.72		.25	.03	.03	.10	.11					.34				.04	.15	.34	.15	.49				.90	.21	.08	.18	.59			4.80
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.18	.18	.06	T.	.23	.17	.11	.16	T.	T.				.78	.10		.10	.70	.77	.24	.07	.18			.07	.50				.31		5.21
Connellsville[2]	Fayette	.77	.19	.21	.05	.10	.06	.31	.11						1.04	.23		.19	.64	.10	.11		.42			.09	.59				.12		5.33
Donora[1]	Washington	.09	.26	.03	.12	.07	T.	.31	.01					.35	.31		.01	1.03	.16	T.	T.	.58	T.		T.	.98	T.			.32			4.63
Greensboro[2]	Greene	.17	.05	.28	.04	.05	.06	.02	.15						.64	T.		.12	.61	.35	.04	.04	.34			.05	1.03		.01		.11			4.47
Greensburg, 2 S	W'moreland	.40	.34	.20		.15	.05	.38	T.	T.				.45	.87		.06	.26	.92			.01	.41			1.01	.04			.35			5.56
Irwin	W'moreland	*	.33	.05	T.	.20	.03	.32	T.	.02				.36	1.18		.04	.02	.68	T.		T.	.62			.94	.11		.01	.16	.08		5.15
Meyersdale[2]	Somerset	1.23	.30	.22	.60	.10	.06	.03	.01						.57	.02		.27	.78	.33	.30	.06	.20			.02	.20				.11		5.41
Murrysville, 1.5	W'moreland		.11	.04	.10	.03		.28						.75	.13			.33	.34	.02	.03	.47			1.31		.02		.15			4.11
Pittsburgh Arpt., 1.5	Allegheny	T	.31	T.	.11	.04	.01	.26	T.	T.				.46	.25		.04	.39	.35	T.	.02	.44	T.		.01	.94	T.	.02	T.	.13			3.78
Rices Landing[2]	Greene	.30	.20	.12	.13	.24	.05	.16	.10						.71			.43	.78	.23	.02	.04	.40			.27	1.10		.02		.29		5.59
Somerset	Somerset	.37	.40	.22		.12	.14	.28	T.					.31	.76		.25	.54	1.11	.10	.08	.06	.26			.51	.26			.39			6.16
Springs[2], 1 SW	Somerset		.91	.11	.01	.38	.12	.30	.01	T.				.53	.38	T.	.07	.66	.12		.28	.19	.01			.40	.03		.07	.16			4.74
Uniontown	Fayette	.05	.31	.11	.02	.16		.24	T.					.52	.20		.30	.02	1.28	.05	.06	T.	.37			.68	.20		.02	.17	T.		4.76
Waynesburg[2]	Greene		.59		.11	.27		.25	T.	T.					.80			.15	.71	.57	.03	.03	.53			.75	.30		T.		.38		5.53
BEAVER																																	
Beaver Falls[2]	Beaver	.14	.31	.22	.19	.63	.05	.12	.06	.03	T.				.76			T.	1.06		.32	T.	.46			.08	.62	.21	.12		.25		5.63
Butler	Butler	.17	.32	.08	.65	.06	.23		.03	.03				.07	.59	.01		.15	1.02		.30		.55			1.45		.22	.25	.75	.18		7.05
Farrell	Mercer	.07	.29			.97	.12	.29	T.						.97	T.			.71		.88		.58				.90	T	.27		.62		6.67
Greenville	Mercer		.5	T		.66	.06	.31	.04					.62	.27		T	.44	.07		.52	.44	.18			.93	T	.31	.63	.10			6.23
Jamestown[2], 2 NW	Mercer	.03	.35	.15	.01	.56	.11	.30	.01	.01	T.				.73	1			.30	.25	1.01	T.	.79			.30	.94	.25	.80		.61		7.51
Mercer Arpt.[1], 2.5 NE	Mercer	.40	.22	.05	.86	.05	.02	.30	.01	T				.78	.12		T	.43	.18	.53	.07	.50			T	.67	.15	.13	.09	.46			6.05
New Castle[1], 1.5 N	Lawrence	.31	.13		.70	.08	.05	.20	.02					.52	.02		.06	.41	.07	.16	.03	.61	T.			.53	.04	.15		.33			4.42
Pemmine[2], 1 S	Crawford	.02	.43	.12	.23	.51	.21	.23	.05	.02				T.	.49			.01	.34		.45		.86			.36	.63	.31	.54		.36		6.17
OHIO																																	
Claysville[2]	Washington	.39	.34	.18		.31	.06	.28	.02						.86			.11	1.02	.17			.51			.39	.33		.01		.36		5.34
Coraopolis[2], 1 E	Allegheny	.11	.20	.02		.33	.03	.17	.04	T.					1.00	.05			1.17	T.	.52	T	.52			.20	.74	.32	T.		.61		6.03
Midland[2]	Beaver	.14	.25	T.	.08	.26	.04	.12	.05	T					.77	.01		.03	.62		.32		.52			.10	.82	.29	.09		.26		4.74
Washington[1, 5]	Washington	.10	.15		.21	.10		.20	.04					.55	.13			*	*	*	.08	.48				.61	.06	.01		.23			3.88
LAKE DRAINAGE																																	
Albion[2]	Erie	.34		.32	.12	.31	.18	.27	.05	.04					.92				1.10		.50		.91			.30	.62	.11	.18		.25		§6.52
Erie[1, 5]	Erie	.18	.40	.14	.38	T.	.09	.23	T	T.				.59	.15		T.	.35	.31	.30	T.	.81				1.34	.22	.12	.07	.30			5.98
Raymond[1, 5]	Potter	.10	.87		.10	.23	.03	.24	.03					.52	.23	.08	.08	.17	.40	.18	.12	1.46	.01		.06	.46	.27	.16	.01	.17			5.98

[See page 40 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2], 1 SW.	Evaporation	.098	.196	.094	.068	.116	*.010*	.075	.083	.116	.049	.130	.173	.248	.081	.059	.107	.085	.112	.192	.159	.158	.149	.187	.217	.128	.080	.244	.155	.265	.237	.188	4.187
	Wind movement	58	71	48	19	49	105	53	118	107	57	40	28	51	129	15	69	6	39	53	47	53	86	38	22	24	61	51	26	35	85	63	1727
Ford City[2], 4 S	Evaporation	.041	.16	.071	.109	.094	.046	.072	.106	.063	.091	.101	.157	.229	.029	.135	.057	.072		.177	.100	.198	.124	.180	.170	.016	.269	.230	.189	.248	.188	.171	3.906
	Wind movement	53	49	30	28	55	97	76	119	83	58	42	9	47	31	53	23	24	22	68	43	13	104	10	27	4	63	52	25	30	79	37	1449
Hawley[2], 1 S.	Evaporation	**	.221	.062	.038	.049	.080	.101	.053	.108	.091	.131	.225	.334	.265	.035	.105	.006	.163	.089	.111	.194	.857	.035	.208	.234	.175	.299	.222	.232	.399	.225	6.643
	Wind movement	111	68	41	41	43	71	122	52	266	136	78	81	154	130	44	61	68	57	69	85	108	92	41	76	72	125	149	57	155	156	80	2889
Jamestown[2], 2 NW	Evaporation	.048	.198	.180	.094	.132	.000	.062	.070	.072	.046	.168	.218	.278	.001	.091	.120	.056	.086	.072		.132	.066	.158	.208	.066	*.058*	.184	.172	.180	.160	.134	3.394
	Wind movement	84	63	61	32	73	78	54	82	12	88	9	20	74	14	37	66	36	51	44	75	47	59	31	39	21	60	57	31	49	66	41	1640
Neffs Mills[2], 3.5 NE	Evaporation	.166	.189	.070	.050	.154	.094	.116	.124	.092	.076	.218	.229	.303	.372	.638	.000	.072	.050	.138	.100	.250	.166	.228	.210	.154	.150	.258	.148	*	.664	.240	4.972
	Wind movement	10	55	29	2	28	141	51	142	111	71	15	60	69	419	55	18	15	19	41	18	67	70	24	20	19	70	41	17	31	70	46	1499

** 1.417. *Italics* mean minus quantity. [See page 40 for explanation of other references.]

Daily Temperatures for May 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/.	Maximum..																																
	Minimum..	45	41	42	43	42	40	35	29	32	22	29	44	58	41	41	52	40	48	53	46	45	45	44	42	52	53	37	52	50	45	45	43.0
Allentown Arpt.[1],9-4 NE	Maximum..	79	51	53	70	59	67	56	48	49	62	73	82	86	68	57	64	72	69	82	83	76	71	81	86	77	77	78	87	87	71	71	70.8
	Minimum..	54	45	46	49	46	48	37	32	31	28	32	39	48	43	42	38	42	53	52	62	57	53	47	56	59	52	53	57	63	48	42	46.9
Allentown/.	Maximum..	79	61	54	68	66	68	56	50	48	62	71	82	86	70	62	64	70	70	83	83	78	70	82	86	77	75	74	86	88	72	70	71.3
	Minimum..	56	43	46	47	50	47	47	34	32	31	33	39	50	59	44	40	43	48	54	55	59	56	49	51	59	54	54	58	62	49	42	48.2
Altoona-4.5 W.	Maximum..	78	73	53	65	60	59	54	39	42	57	71	80	79	66	63	65	64	77	83	79	78	74	84	85	80	75	76	87	89	66	67	69.9
	Minimum..	54	50	35	40	45	44	38	29	29	26	31	41	54	55	43	46	55	53	53	59	57	47	45	53	56	45	51	55	57	36	37	45.8
Arendtsville/.	Maximum..	81	66	62	69	59	67	58	49	52	64	75	86	87	74	52	62	68	82	84	84	81	74	80	86	77	78	80	82	87	70	72	72.5
	Minimum..	56	54	46	48	50	48	45	30	27	29	33	38	48	55	42	43	47	56	56	61	62	57	47	56	59	49	54	59	61	46	39	48.4
Beavertown/.	Maximum..	79	61	61	67	58	61	52	45	47	60	75	81	81	69	55	61	61	79	83	81	81	71	81	80	76	80	65	85	83	66	78	[69.8]
	Minimum..	56	52	40	52	51	48	46	32	31	23	26	30	42	50	41	48	44	54	49	59	52	54	43	62	58	56	52	54	57	41	35	[46.3]
Berwick	Maximum..	79	79	68	68	67	63	62	48	47	62	71	84	86	81	59	60	67	74	85	83	82	77	82	85	76	78	76	87	91	67	70	73.0
	Minimum..	58	48	49	46	48	46	44	29	30	28	30	39	50	52	45	48	47	57	54	63	60	52	47	58	62	49	58	56	63	46	39	48.4
Bethlehem[1].	Maximum..	82	61	52	69	55	67	55	51	47	62	72	84	86	58	55	62	69	70	84	83	76	68	79	86	75	76	78	86	89	68	69	70.2
	Minimum..	60	46	47	50	43	43	46	34	32	34	38	50	61	43	43	40	48	54	65	63	58	52	50	61	61	53	57	58	68	48	43	50.0
Blairsville[1]-6 NE.	Maximum..	76	62	58	64	51	53	46	36	39	56	66	76	74	60	62	70	71	76	80	74	82	68	80	80	74	72	71	81	83	56	65	66.5
	Minimum..	55	42	42	40	40	42	28	26	26	26	38	51	55	46	45	43	55	58	56	59	48	45	52	59	45	44	47	56	42	35	42	44.8
Bradford-4 W.	Maximum..	73	74	59	61	59	52	44	37	40	54	67	77	77	60	57	62	66	71	77	77	75	69	80	80	73	72	71	79	79	59	64	65.9
	Minimum..	56	46	34	34	44	41	33	26	26	19	25	34	47	45	45	47	37	53	48	59	45	43	37	44	53	42	33	48	49	31	31	40.6
Burnt Cabins[1]-2 NE.	Maximum..	82	69	62	70	60	66	56	48	50	62	73	84	85	75	56	69	70	82	86	86	82	76	83	89	80	76	79	90	86	66	73	[73.3]
	Minimum..	54	44	41	42	47	49	36	27	27	18	22	32	41	48	40	41	51	54	48	48	56	50	41	51	60	44	51	57	54	40	32	[43.4]
Butler.	Maximum..	75	79	65	60	64	53	58	47	39	49	60	77	81	70	62	73	73	65	78	80	76	84	78	84	83	81	75	81	86	75	73	70.5
	Minimum..	51	51	39	40	43	45	38	30	31	22	26	40	44	56	48	49	57	51	51	62	59	44	42	50	45	42	46	53	56	40	35	44.7
Canton/-1 NW.	Maximum..	76	53	62	65	52	57	47	40	44	56	68	80	79	58	52	61	61	72	75	76	73	65	78	81	72	71	66	80	80	60	66	65.4
	Minimum..	54	49	40	41	49	45	41	21	25	29	34	42	51	55	40	40	45	43	52	50	51	46	47	57	51	41	44	50	56	37	37	44.0
Carlisle.	Maximum..	80	78	62	68	65	70	59	48	48	64	72	80	84	86	77	62	68	76	85	84	81	74	80	86	80	76	78	87	90	68	72	73.8
	Minimum..	58	52	50	50	50	50	48	31	30	28	33	37	38	50	54	43	48	56	54	61	60	57	48	56	63	50	55	57	58	45	43	48.8
Chambersburg[6]-1 SW.	Maximum..	79	70	64	68	58	66	55	48	51	64	70	84	82	75	57	65	70	81	83	83	80	74	79	85	77	72	76	85	85	69	70	71.8
	Minimum..	55	50	48	48	48	49	43	31	30	25	29	36	46	54	42	49	51	56	55	60	59	55	47	55	61	50	52	56	61	44	38	47.8
Clarion[6]-3 SW.	Maximum..	75	61	62	62	56	54	54	41	44	59	72	80	73	62	62	70	66	74	78	72	74	73	79	80	73	75	71	80	75	59	69	67.4
	Minimum..	54	47	35	35	41	42	30	28	29	20	23	29	40	50	47	45	47	52	48	58	52	45	39	46	53	42	39	50	46	33	35	41.3
Claysville/.	Maximum..	77	60	65	65	48	58	46	43	42	58	70	78	72	65	70	73	79	77	78	76	81	72	81	84	75	78	74	84	80	65	69	69.0
	Minimum..	58	48	39	47	43	43	44	29	31	20	27	30	43	57	49	51	58	59	53	60	61	43	48	51	59	45	47	50	58	33	34	45.6
Coalport/.	Maximum..	77	60	59	65	53	79	47	42	41	60	71	80	70	70	60	72	68	79	82	77	81	75	83	83	77	75	75	85	87	62	68	69.6
	Minimum..	55	50	36	37	39	44	43	29	28	18	21	25	31	41	44	44	50	52	48	51	56	46	40	44	48	43	16	49	52	31	29	41.1
Coatesville/.	Maximum..	80	56	56	69	61	67	66	50	50	62	70	82	86	74	58	65	71	76	81	84	85	70	79	84	78	75	77	84	86	68	70	71.6
	Minimum..	61	49	48	48	48	47	42	33	25	27	28	37	44	55	43	36	44	55	54	59	63	64	49	54	60	58	50	59	63	49	38	47.9
Columbia.	Maximum..	83	71	65	71	68	69	62	53	54	65	74	85	88	83	59	61	70	80	84	86	84	78	82	89	83	80	82	92	88	71	72	75.2
	Minimum..	58	51	48	50	48	49	45	34	32	29	30	38	46	55	43	47	48	55	57	63	67	59	50	60	65	55	55	60	68	48	41	50.1
Corry.	Maximum..	77	74	65	60	58	52	45	36	40	54	68	79	76	62	65	68	66	71	79	76	77	72	79	78	75	71	67	80	78	58	67	66.9
	Minimum..	56	48	40	39	44	40	34	27	26	21	27	38	53	49	43	48	40	55	55	53	49	44	42	50	58	44	36	50	45	35	41	42.9
Coudersport.	Maximum..	76	74	70	67	62	52	47	40	43	58	70	80	79	61	65	63	67	71	80	75	79	77	81	81	73	77	72	80	83	55	66	68.5
	Minimum..	56	51	35	39	42	45	36	26	25	18	22	29	43	47	44	41	40	52	49	58	47	38	44	42	46	43	39	49	46	32	30	40.5
Curwensville[1]-6 NW.	Maximum..	72	60	52	60	53	52	43	36	39	56	66	77	75	66	51	65	55	75	77	73	77	70	79	78	72	70	68	81	81	57	64	64.5
	Minimum..	54	37	37	39	41	41	25	25	24	18	27	43	51	47	40	43	49	50	51	56	49	43	47	54	44	41	40	51	40	32	34	41.1
Derry.	Maximum..	79	72	64	65	62	56	50	41	43	63	70	84	77	65	67	72	77	80	81	78	85	72	83	83	83	75	78	86	85	61	69	71.2
	Minimum..	60	49	43	41	45	45	40	31	30	24	28	34	49	55	51	54	57	61	52	64	64	48	47	52	63	47	46	60	50	41	37	47.4
Donegal[1].	Maximum..	74	62	60	60	50	53	44	37	37	52	66	75	73	62	63	70	73	74	80	74	80	67	78	81	73	69	72	82	80	56	63	65.8
	Minimum..	54	38	36	33	42	42	30	25	26	16	22	28	43	52	42	42	54	56	47	59	50	42	43	52	46	40	48	54	44	35	28	40.9
Donora[1].	Maximum..	79	67	67	66	55	61	49	45	50	62	72	83	77	69	74	77	80	83	82	81	85	75	85	86	78	77	76	87	84	61	71	72.4
	Minimum..	61	51	47	48	47	48	42	32	35	28	33	39	53	60	53	53	62	63	56	67	66	50	49	56	65	49	54	55	46	40	41	50.0
Eagles Mere/.	Maximum..	75	50	63	73	55	58	44	42	43	56	70	80	80	59	50	55	65	66	72	79	68	59	67	82	68	69	68	77	80	60	63	64.4
	Minimum..	48	50	42	42	45	43	40	23	23	25	26	35	48	55	38	38	41	47	52	55	52	45	45	49	57	41	41	48	55	37	37	42.7
East Waterford[6]-3 E.	Maximum..	76	66	55	63	55	56	50	38	39	55	68	80	81	67	46	62	62	74	79	77	72	68	78	84	71	71	72	82	81	61	66	66.3
	Minimum..	55	47	42	44	43	43	34	27	27	28	39	53	58	46	36	43	52	52	61	59	55	48	53	62	60	45	53	54	60	38	44	47.1
Ebensburg/.	Maximum..	73	59	56	57	48	51	43	34	37	54	66	74	75	61	58	69	68	73	73	72	77	70	79	80	72	70	71	81	80	55	63	64.5
	Minimum..	54	46	40	37	41	40	41	26	26	23	31	42	53	48	44	44	53	54	52	60	57	44	47	54	60	43	48	52	57	35	36	44.6
Emporium/-1 E.	Maximum..	78	61	61	67	56	58	46	39	47	62	73	81	79	68	58	70	68	78	81	78	83	77	81	84	76	76	74	85	88	61	74	69.9
	Minimum..	57	52	40	39	42	45	42	27	28	20	24	30	38	47	44	43	45	53	52	53	51	41	42	44	56	44	42	45	52	35	33	42.1
Ephrata.	Maximum..	82	80	68	70	63	68	61	49	51	64	73	84	87	79	58	62	68	77	84	86	83	76	80	87	78	77	79	89	87	68	73	73.9
	Minimum..	60	48	49	50	50	48	42	34	30	29	33	39	48	48	44	46	46	56	57	63	61	57	50	59	66	53	62	59	67	47	40	[49.7]
Erie[1].	Maximum..	67	59	61	63	51	47	46	39	43	51	62	75	68	49	60	64	61	70	70	65	72	65	73	69	71	72	61	72	75	57	64	62.0
	Minimum..	48	46	47	49	44	42	33	32	32	32	44	58	49	40	47	53	47	54	54	46	48	49	55	55	46	47	46	49	46	43	48	46.1
Everett[1]-0.5 SW.	Maximum..	80	64	62	68	55	62	52	44	44	61	72	83	84	70	54	71	70	80	83	80	80	74	85	88	80	79	81	89	91	64	72	71.7
	Minimum..	56	43	40	40	50	47	35	34	28	24	28	30	41	53	48	48	55	55	51	60	58	50	44	51	54	48	52	56	49	40	35	45.3
Farrell.	Maximum..	83	81	69	67	66	57	56	43	45	60	73	84	83	65	72	73	72	73	81	70	76	76	84	84	84	76	72	87	85	61	72	71.9
	Minimum..	60	52	46	52	46	49	36	34	33	27	31	41	56	50	51	56	60	62	57	60	53	48	50	60	50	49	47	57	66	43	45	49.3
Ford City/-4 S.	Maximum..	77	60	63	62	52	57	48	40	44	60	70	80	77	66	68	72	66	79	81	75	81	73	81	80	75	73	73	84	81	60	70	68.6
	Minimum..	48	50	38	38	41	44	46	29	30	21	25	30	37	47	47	43	48	56	51	53	57	45	43	46	52	44	47	49	55	41	35	43.1
Franklin/.	Maximum..	79	64	63	65	52	53	45	38	43	58	70	80	70	60	66	71	62	74	80	70	78	79	81	78	74	73	68	83	75	59	68	67.2
	Minimum..	57	50	40	40	42	44	43	31	31	23	24	30	38	51	48	49	46	50	51	52	54	45	44	45	53	45	41	44	55	36	37	43.2
Fredericksville-1 S.	Maximum..	77	74	54	68	63	65	56	47	47	59	69	80	84	75	56	60	66	71	80	82	77	74	77	85	75	73	75	84	85	65	68	70.0
	Minimum..	58	45	47	48	47	45	40	30	27	25	29	37	46	46	41	36	44	58	51	63	58	52	44	44	58	50	49	50	63	45	35	45.4
Freeland.	Maximum..	74	72	58	64	62	57	53	43	40	58	66	77	79	72	67	59	69	68	74	77	74	66	77	82	76	73	71	80	83	72	64	68.0
	Minimum..	55	41	41	43	43	40	37	24	25	26	35	49	60	42	37	38	46	50	54	59	52	45	48	58	60	44	61	53	57	39	38	45.2
George School[6].	Maximum..	75	67	52	66	62	68	64	53	51	62	70	81	84	76	53	66	70	71	80	82	82	73	78	82	78	73	75	83	86	80	68	71.3
	Minimum..	59	44	46	49	48	46	42	33	29	27	31	43	45	44	42	38	48	52	52	61	57	52	51	58	59	52	53	58	64	50	41	47.5
Gettysburg.	Maximum..	81	79	61	70	65	66	66	57	51	61	72	84	85	81	61	62	70	79	84	83	82	72	78	85	83	77	77	86	87	67	70	73.6
	Minimum..	58	56	48	51	49	50	49	33	31	30	34	39	49	49	43	48	52	58	71	62	64	58	51	53	64	51	55	61	64	47	43	50.7
Gordon.	Maximum..	79	72	65	68	61	61	56	45	46	60	71	82	84	71	54	60	62	78	81	81	75	71	81	87	76	76	76	86	85	67	68	70.5
	Minimum..	63	45	41	45	46	45	39	30	30	21	24	30	42	48	42	45	48	54	48	62	68	50	42	55	61	57	52	54	60	43	33	45.9
Greensburg-2 S.	Maximum..	78	78	64	63	64	60	58	43	44	59	70	79	74	67	70	74	76	79	80	77	83	72	82	88	82	73	74	84	83	67	69	71.3
	Minimum..	57	49	38	37	45	46	40	31	33	18	22	28	38	56	50	42	56	60	48	64	59	46	41	45	61	40	51	55	52	39	33	44.5
Hanover/.	Maximum..	80	67	64	69	57	67	60	52	51	61	71	84	86	76	55	61	73	79	85	85	80	72	80	88	85	75	78	88	90	67	70	72.8
	Minimum..	58	58	48	48	50	47	48	32	31	29	35	40	53	59	43	44	48	56	60	63	65	59	53	58	60	52	56	63	68	47	44	50.8
Harrisburg Arpt. [1]-3.5 S	Maximum..	82	68	62	67	61	65	57	48	48	61	72	85	85	74	55	62	67	79	86	84	80	73	81	88	78	76	79	88	89	66	71	72.2
	Minimum..	58	50	50	50	50	52	38	34	32	34	38	42	49	45	42	49	50	56	55	63	60	53	50	64	64	53	58	60	67	49	45	50.0
Hawley 0.5 E.	Maximum..	77	65	54	66	53	65	52	45	46	59	70	81	85	62	55	68	75	75	78	82	65	69	84	88	75	70	73	84	88	65	70	69.5
	Minimum..	56	43	45	48	44	46	40	30	29	22	27	35	47	42	40	41	43	53	49	62	52	49	41	53	57	49	52	51	60	45	34	44.7
Hewitt-2 SW.	Maximum..	80	65	62	65	63	62	60	51	46	62	75	85	85	77	56	72	73	81	84	80	84	79	86	89	89	80	81	80	90	79	72	[74.0]
	Minimum..	57	45	40	38	50	52	50	36	35	17	25	35	38	51	49	55	60	59	60	57	60	50	60	56	58	55	52	55	59	50	39	[48.5]
Holtwood[1].	Maximum..	79	64	63	68	61	64	59	48	47	57	67	81	84	71	59	59	70	78	89	81	81	72	75	79	75	75	77	82	84	66	70	70.5
	Minimum.	59	50	50	52	50	52	45	37	36	36	40	44	50	47	46	48	54	57	58	63	66	59	57	63	64	56	58	64	66	53	48	52.5
Huntingdon.	Maximum..	81	74	60	68	60	60	56	44	46	62	73	83	84	71	56	71	66	81	84	81	82	76	86	88	81	79	77	90	91	67	79	72.8
	Minimum..	55	59	41	43	49	52	37	33	35	21	26	32	42	56	46	50	54	57	51	61	60	52	45	57	60	47	56	59	54	51	35	47.6

Continued on page 39.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana 2.5 SE	Maximum	77	70	61	64	63	56	55	44	42	60	70	79	79	65	67	73	73	79	80	76	83	72	81	81	80	73	74	84	84	68	67	70.3
	Minimum	56	49	38	29	44	44	39	30	29	18	21	42	41	54	52	50	55	60	68	60	59	44	41	45	60	42	48	56	52	44	31	44.8
Irwin	Maximum	77	77	60	64	61	56	56	47	41	57	70	79	79	64	69	73	78	79	77	78	81	73	82	84	83	75	75	85	86	67	69	71.0
	Minimum	58	49	42	44	45	45	39	31	32	21	26	36	49	55	50	48	58	60	52	64	61	47	44	51	62	45	50	58	59	36	50	47.3
Jamestown 2 NW	Maximum	80	67	65	64	50	58	47	41	45	57	70	80	67	52	68	69	65	78	80	67	73	70	80	78	75	74	67	81	73	67	70	66.9
	Minimum	52	49	41	42	42	41	36	28	28	21	26	39	52	45	42	46	45	54	45	52	48	41	41	50	58	42	36	45	54	32	37	42.4
Johnstown	Maximum	80	67	62	65	55	60	49	41	44	65	74	83	81	67	63	75	72	79	84	80	84	77	89	88	80	78	82	91	87	63	72	72.2
	Minimum	60	52	41	41	47	46	46	32	32	27	30	35	47	57	50	50	59	60	55	65	62	51	46	51	60	50	56	59	56	45	37	48.5
Kane[1-1 N	Maximum	58	56	58	62	52	48	42	36	40	57	70	78	73	62	51	66	62	72	81	70	77	74	80	78	70	72	67	82	79	57	60	65.0
	Minimum	49	36	33	30	42	40	28	26	24	16	21	30	40	49	45	45	35	52	45	45	45	43	34	41	45	42	34	48	42	31	29	37.6
Lancaster	Maximum	82	78	66	74	67	72	64	55	53	65	75	84	88	81	58	61	69	75	81	86	82	78	77	86	85	78	81	85	86	71	73	74.7
	Minimum	59	49	45	50	51	47	48	31	28	28	28	33	42	54	43	45	46	55	57	61	60	57	50	55	60	52	50	58	65	47	44	48.1
Lawrenceville	Maximum	80	74	66	70	62	58	53	42	47	58	71	83	80	62	58	64	67	77	80	78	78	73	86	83	77	78	72	84	87	69	70	73.2
	Minimum	56	52	42	40	49	48	40	29	29	24	28	35	52	44	45	50	47	56	52	55	52	48	45	51	59	44	45	53	58	42	35	45.3
Lebanon	Maximum	80	55	63	69	59	65	56	48	50	61	72	83	86	74	57	58	65	75	83	84	81	72	80	86	78	74	77	87	87	69	71	71.1
	Minimum	59	48	48	49	50	49	49	33	29	30	32	44	48	53	43	15	46	56	55	57	59	59	50	56	66	52	55	60	63	48	43	49.4
Lewistown 2 SW	Maximum	82	66	62	70	61	64	54	48	48	65	74	85	86	73	54	69	61	81	87	85	84	77	86	90	82	80	79	89	90	69	74	73.4
	Minimum	55	56	48	46	47	49	47	34	34	27	26	31	47	48	42	44	51	52	52	54	59	57	49	49	57	51	50	58	56	45	39	47.1
Lock Haven[6]	Maximum	81	78	61	70	65	60	56	46	50	65	76	84	85	72	59	68	62	82	77	83	82	79	86	89	85	80	77	90	92	71	73	73.7
	Minimum	57	51	45	43	49	49	45	33	34	27	30	39	49	59	44	52	49	55	53	63	57	53	46	56	60	49	56	56	56	44	37	48.3
Marcus Hook	Maximum	80	67	67	72	65	73	68	56	52	67	76	81	85	80	62	68	73	76	82	88	85	72	79	85	80	75	85	86	88	75	78	75.0
	Minimum	60	48	49	49	53	50	52	37	35	35	47	48	51	58	45	44	46	56	57	61	64	65	56	59	63	57	58	63	65	53	50	52.7
Martinsburg[1]	Maximum	76	62	56	64	55	58	47	39	40	57	70	79	67	51	69	62	77	81	75	78	73	82	83	76	74	77	85	86	60	67	67	67.9
	Minimum	55	45	41	38	45	47	31	30	29	26	33	44	55	49	43	47	54	51	53	62	58	49	49	53	50	45	52	59	60	40	38	46.3
Meadville 1 S	Maximum	76	65	61	61	55	55	43	38	44	56	69	79	67	53	66	70	65	72	80	67	73	71	79	77	71	72	67	81	75	60	68	65.8
	Minimum	56	50	39	39	44	43	36	28	30	21	26	33	47	48	44	48	42	53	48	52	47	44	43	50	57	44	36	47	54	35	36	42.6
Mercer[1-2 5 NE	Maximum	74	61	62	60	48	53	45	38	42	55	66	77	66	57	65	68	59	73	78	67	75	69	77	77	71	70	68	80	72	56	66	64.4
	Minimum	54	43	40	39	43	43	29	28	27	22	28	46	53	45	16	48	48	53	49	58	48	42	46	52	44	42	38	51	39	36	36	42.3
Middletown[1-1.5 W	Maximum	80	67	61	66	60	66	56	48	48	62	72	84	86	74	57	61	67	78	84	85	81	72	80	87	77	76	77	87	87	68	71	71.9
	Minimum	58	50	50	50	50	53	40	35	33	35	33	41	48	46	43	50	49	57	57	64	67	53	51	61	65	55	58	60	60	49	45	50.5
Midland[6]	Maximum	77	63	64	65	53	59	54	41	44	58	68	79	72	62	67	72	68	78	80	72	80	82	81	80	74	75	76	85	77	60	69	68.9
	Minimum	52	47	44	45	41	48	35	31	33	26	29	38	46	50	49	49	57	60	54	60	50	46	47	52	52	46	48	53	48	40	39	45.7
Montrose 3 E	Maximum	72	48	63	64	53	57	46	40	44	53	66	79	80	58	52	56	68	67	76	77	67	66	78	83	71	70	67	80	82	60	60	64.6
	Minimum	52	47	43	44	45	45	40	26	26	27	31	42	49	55	39	40	43	49	53	56	51	45	45	53	59	45	45	48	57	40	40	44.5
Mt. Pocono[1-2 N	Maximum	72	55	51	61	50	60	48	41	41	54	64	76	80	58	50	58	68	69	76	78	64	64	76	84	67	72	68	80	82	58	63	64.1
	Minimum	51	41	42	45	42	42	30	25	26	25	27	41	56	36	36	35	41	50	49	55	52	43	40	58	56	45	50	52	58	32	32	42.5
New Bloomfield	Maximum	80	65	68	66	64	64	58	50	48	63	74	85	83	73	55	60	80	84	87	83	82	76	82	87	81	76	77	87	88	68	73	73.1
	Minimum	51	53	49	50	49	48	44	31	30	29	28	35	45	53	41	46	48	65	72	62	75	44	44	54	60	47	52	55	61	41	37	48.4
Newburg[1-3.5 NW	Maximum	72	56	52	60	48	56	48	38	40	54	63	76	73	68	42	56	63	72	76	76	72	64	73	78	74	65	70	78	80	58	62	63.3
	Minimum	44	38	38	40	40	40	28	28	26	20	34	32	40	40	36	42	48	49	47	52	52	40	40	50	50	44	50	50	48	36	40	40.7
New Castle[6-1.5 N	Maximum	78	64	66	64	50	57	49	41	45	59	71	80	68	60	70	70	62	76	81	71	79	74	84	82	75	74	70	85	86	69	70	68.1
	Minimum	52	50	40	48	44	46	33	29	29	24	27	36	47	48	48	50	54	60	52	55	49	44	43	52	49	45	40	55	50	40	38	44.4
Palmerton[1]	Maximum	77	60	53	67	58	65	54	45	46	61	72	82	84	66	55	60	68	67	78	83	73	72	78	85	74	72	75	85	86	67	70	69.0
	Minimum	60	45	45	49	46	47	36	33	30	26	30	39	49	43	43	43	45	54	56	63	58	52	46	58	61	53	53	57	64	48	36	47.4
Park Place[1-1 NW	Maximum	74	66	57	62	54	58	49	38	41	55	65	76	81	65	50	53	61	66	77	79	67	64	76	83	69	68	69	81	81	61	65	65.0
	Minimum	52	41	42	42	41	40	29	25	25	26	37	46	56	36	36	39	49	49	58	56	53	45	50	59	57	44	53	52	53	39	39	44.2
Phila. Arpt.[1-7 SW	Maximum	80	62	54	70	62	69	67	51	51	62	72	82	87	75	58	67	73	74	86	85	85	71	79	84	78	74	82	86	89	71	72.7
	Minimum	60	48	49	52	49	50	42	37	33	34	39	47	52	45	44	43	54	55	58	63	64	55	55	63	63	56	56	60	66	58	48	51.4
Philadelphia C.O.[1]	Maximum	78	59	53	67	61	67	65	49	50	61	70	80	85	75	57	65	71	72	85	82	84	70	78	82	78	72	81	85	87	69	70	71.2
	Minimum	56	47	49	52	49	49	43	38	35	39	48	51	58	46	44	43	56	55	63	63	63	57	59	62	62	56	60	61	64	53	53	52.7
Phila. Shawmont	Maximum	80	79	58	69	70	69	70	58	52	63	69	83	87	84	57	68	70	74	84	85	83	79	79	83	77	76	78	85	88	85	70	74.6
	Minimum	62	48	49	54	51	48	44	38	33	30	62	42	49	48	45	41	52	61	57	64	62	55	52	60	65	56	53	58	67	52	43	51.6
Philipsburg[1-7 E	Maximum	74	61	54	62	54	55	45	40	38	57	68	78	78	66	49	64	54	77	79	76	77	72	82	81	73	72	71	83	81	58	65	65.9
	Minimum	55	42	37	31	42	42	29	26	27	24	23	30	40	45	39	44	45	52	46	53	56	46	50	48	46	42	48	54	43	30	26	40.7
Phoenixville-1.5 SE	Maximum	83	77	55	71	69	70	68	64	61	63	73	84	88	93	80	78	76	79	91	91	93	86	86	91	91	84	86	87	88	82	74	79.4
	Minimum	61	47	49	51	51	48	42	33	32	35	32	36	44	49	45	36	47	56	58	64	67	57	47	58	60	54	51	57	64	50	39	49.0
Pittsburgh Arpt.[1-7.5 SE	Maximum	78	61	62	65	52	58	50	41	42	59	71	79	76	64	71	73	70	79	80	76	81	72	82	83	77	74	74	85	81	61	69	69.2
	Minimum	58	46	45	47	43	45	34	30	30	31	40	48	57	50	50	50	60	61	59	63	51	48	53	57	49	46	51	60	46	39	46	48.2
Pittsburgh City Office[1]	Maximum	78	65	63	64	55	61	53	42	45	60	73	81	76	65	72	76	70	80	82	77	82	74	85	85	77	76	76	88	83	62	71	70.9
	Minimum	61	52	49	51	47	49	37	34	34	35	37	43	55	51	52	54	59	62	58	65	53	52	52	58	53	50	53	61	48	45	46	50.2
Port Clinton	Maximum	76	51	58	69	57	64	54	46	47	60	70	82	85	70	54	59	65	68	80	82	77	71	77	83	74	74	74	84	83	67	75	68.9
	Minimum	53	46	45	50	51	46	46	33	29	26	29	36	45	52	43	44	44	49	53	53	58	54	43	57	63	52	50	54	62	47	37	46.8
Putneyville 2.5 SE	Maximum	81	59	60	61	54	57	46	41	44	59	69	80	77	65	63	72	62	78	80	76	72	81	81	80	77	75	71	83	82	60	68	68.2
	Minimum	54	47	38	36	38	41	40	27	27	17	21	31	38	49	46	44	48	53	48	50	43	53	42	41	50	42	44	47	53	35	31	41.1
Quakertown 0.5 E	Maximum	78	76	54	67	65	67	63	52	50	59	68	79	84	72	54	67	69	71	83	82	81	76	77	83	80	73	73	83	87	80	69	71.7
	Minimum	59	45	47	49	42	47	42	31	29	28	29	37	41	45	42	35	43	53	49	62	51	52	47	51	59	52	50	57	66	48	38	46.0
Reading[1]	Maximum	80	64	60	71	62	67	58	49	50	62	72	83	87	75	57	62	69	77	83	85	82	72	81	89	78	76	78	87	88	68	71	72.4
	Minimum	61	46	51	51	48	50	38	35	34	34	37	50	57	44	44	44	47	55	58	64	61	56	51	63	64	54	59	60	66	50	46	50.9
Ridgway	Maximum	77	57	60	63	57	51	44	40	44	61	71	81	77	67	56	69	63	77	80	74	81	78	82	80	75	74	72	84	81	59	69	67.9
	Minimum	58	46	35	34	37	44	41	27	27	17	17	33	37	49	45	44	47	47	52	51	49	45	39	43	51	45	47	47	48	31	30	40.7
Scranton[1]	Maximum	78	64	64	67	57	63	50	42	44	57	69	81	83	62	57	59	74	68	81	79	71	70	81	87	76	74	70	86	89	61	68	68.8
	Minimum	60	48	48	48	47	49	36	31	32	32	33	41	55	46	43	45	46	55	56	64	57	51	47	59	64	53	53	57	57	47	40	48.4
Selinsgrove	Maximum	78	76	61	67	63	61	60	47	48	61	71	82	84	73	57	57	61	76	81	82	82	75	79	85	80	74	73	85	86	68	71	71.1
	Minimum	57	49	42	44	40	47	42	32	29	27	29	37	46	55	44	48	46	56	53	63	58	54	46	59	62	48	57	57	65	45	38	47.6
Shippensburg	Maximum	80	79	65	69	69	64	63	47	48	63	71	85	83	73	57	55	70	80	84	81	80	77	82	87	84	75	80	86	88	68	71	73.0
	Minimum	57	53	48	47	48	48	43	31	32	27	31	39	42	48	43	49	50	55	54	61	59	56	46	54	61	49	54	56	58	43	40	47.8
Somerset	Maximum	75	75	59	60	60	55	52	39	38	55	69	77	76	66	61	70	71	74	80	75	78	72	82	82	81	72	75	82	81	65	67	68.5
	Minimum	52	41	34	34	40	40	34	27	28	16	20	25	39	54	46	45	53	57	45	56	59	45	40	43	57	42	51	55	49	38	30	41.9
Springs[6-1 SW	Maximum	74	60	55	60	51	51	48	39	37	52	67	75	73	60	61	69	71	74	78	72	73	68	79	81	73	70	73	81	80	56	66	65.4
	Minimum	50	42	34	34	37	41	32	26	28	18	25	30	47	54	44	45	50	57	48	57	55	45	42	45	54	45	55	51	51	36	30	42.2
State College[1]	Maximum	77	65	58	60	57	59	51	40	42	60	70	80	81	69	52	65	59	78	83	78	80	73	83	86	78	76	76	87	88	62	68	69.1
	Minimum	56	45	44	40	46	46	32	31	30	33	38	49	60	46	41	49	52	56	56	62	58	52	50	60	53	46	55	58	46	41	39	47.4
Stroudsburg-2 E	Maximum	76	78	56	67	66	66	65	54	49	63	74	84	87	84	56	69	72	69	83	84	84	70	78	72	78	77	78	85	89	88	70	73.3
	Minimum	58	46	48	56	48	49	45	30	29	25	28	46	48	49	43	48	42	52	53	62	55	53	42	62	60	51	52	51	62	46	36	47.6
Tamarack 2 S	Maximum	76	53	55	64	52	50	42	37	42	57	71	80	79	62	51	64	59	75	75	76	76	72	83	81	72	76	69	83	83	59	66	69.8
	Minimum	53	49	41	41	42	42	39	24	24	24	26	36	52	55	37	37	45	45	54	55	51	42	43	53	58	42	44	46	53	36	36	42.7
Tionesta 1.5 SE	Maximum	73	59	60	60	50	51	43	37	42	58	69	78	71	62	62	70	60	73	79	70	74	73	89	79	74	72	68	82	78	58	67	65.5
	Minimum	53	38	38	38	40	44	28	28	21	25	30	40	49	49	48	44	47	50	50	51	42	44	45	56	43	39	47	52	44	35	35	41.2
Titusville 2 S	Maximum	76	71	61	60	58	49	49	36	40	55	67	79	73	58	61	67	61	69	77	75	74	70	78	77	76	70	67	79	76	56	65	65.5
	Minimum	56	47	38	33	42	41	31	27	28	18	36	43	52	53	47	46	39	55	47	56	49	44	40	47	58	42	33	49	47	31	41	42.5
Towanda-1 E	Maximum	81	73	66	68	55	61	56	46	48	59	71	83	84	62	57	61	68	74	81	80	75	72	84	86	78	77	71	84	88	67	71	70.5
	Minimum	56	50	46	43	48	47	40	29	31	27	28	33	50	47	43	49	43	56	50	64	50	49	42	54	60	46	50	55	57	42	35	45.8
Tunkhannock	Maximum	76	54	67	67	56	63	53	51	47	58	71	84	85	65	57	61	70	71	79	83	75	70	81	86	77	74	71	84	88	63	70	69.6
	Minimum	57	47	46	44	45	47	43	26	28	25	28	35	49	57	43	44	44	50	50	64	53	49	43	51	56	47	51	53	66	45	36	45.9
Uniontown	Maximum	79	68	67	64	63	60	57	45	44	58	74	83	79	67	72	73	80	81	82	81	83	73	85	84	81	75	78	86	85	68	72	72.5
	Minimum	60	48	45	46	42	46	41	30	32	25	29	35	48	57	52	50	60	61	55	64	65	49	47	53	60	47	55	62	62	40	38	48.5

Continued on page 40.

Daily Temperatures for May 1947—Continued from page 39.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum	78	64	59	62	50	58	51	41	41	61	69	82	62	66	69	72	67	66	72	78	83	76	84	82	78	75	74	80	86	60	68	68.2
	Minimum	60	50	42	43	47	49	37	32	31	23	27	34	56	50	48	45	52	58	52	64	55	48	45	50	64	45	51	56	50	45	37	46.7
Warren	Maximum	78	75	71	64	62	49	47	39	43	70	72	81	71	64	62	69	65	75	66	69	80	73	85	82	75	76	70	84	80	76	71	69.2
	Minimum	58	49	42	38	45	43	32	28	27	21	35	33	49	50	49	49	44	54	50	50	50	45	42	49	46	43	39	50	48	39	34	42.9
Waynesburg	Maximum	78	68	64	64	62	57	55	39	45	59	73	79	74	67	72	77	81	79	82	79	83	73	84	84	78	75	79	87	87	61	70	§71.5
	Minimum	58	46	39	47	42	44	39	28	30	19	24	29	38	56	48	43	56	58	51	63	57	43	42	46	64	40	50	55	52	33	33	§44.3
Wellsboro/	Maximum	79	60	65	65	53	57	48	41	47	59	73	81	80	56	55	69	64	75	79	77	77	72	85	82	78	76	71	84	85	61	70	68.5
	Minimum	54	57	39	36	41	45	43	28	27	20	25	30	36	54	42	42	45	49	47	51	51	47	40	42	52	42	44	50	51	37	31	41.9
Wellsville	Maximum	78	71	62	66	62	66	62	50	49	60	70	82	84	74	54	61	64	79	83	84	80	72	77	84	78	77	76	84	85	68	70	71.3
	Minimum	55	53	47	46	50	50	44	31	25	28	30	34	42	51	42	48	46	56	51	60	60	57	47	56	58	50	50	57	61	46	37	47.4
West Chester	Maximum	81	78	55	69	67	67	66	50	50	62	70	83	88	78	60	66	70	78	85	84	83	75	79	85	80	76	79	86	87	80	72	73.9
	Minimum	60	47	47	50	49	47	46	32	29	31	38	43	52	46	43	40	51	54	53	63	61	54	52	60	63	52	58	61	67	48	43	49.5
Wilkes-Barre Arpt. 1-3N.	Maximum	77	61	65	66	56	61	50	42	44	57	68	82	83	64	57	60	71	71	80	80	71	70	81	86	75	75	71	86	88	63	67	68.6
	Minimum	58	48	47	48	46	46	34	30	31	31	33	48	59	44	43	46	44	55	55	56	57	49	46	60	62	52	58	56	63	45	40	47.9
Williamsport Arpt.[1-4 E]	Maximum	80	66	60	68	59	62	50	44	48	61	73	82	85	62	56	61	64	74	78	82	78	73	80	86	78	80	73	85	86	65	71	69.9
	Minimum	56	46	46	46	48	46	35	31	32	29	30	37	47	48	46	49	46	56	53	61	57	53	46	55	59	48	55	55	52	44	37	46.7
Williamstown	Maximum	79	78	65	67	64	63	58	49	46	59	68	82	85	79	54	58	62	71	83	82	81	73	79	86	81	76	74	86	87	67	68	71.3
	Minimum	56	47	47	49	47	46	44	32	31	30	28	36	45	54	41	46	45	55	50	63	59	54	44	58	65	50	52	57	64	46	36	47.6
York-3 SW	Maximum	81	68	65	69	70	67	65	54	50	63	74	84	86	82	57	63	73	82	86	85	84	78	82	90	88	80	81	90	90	74	73	75.3
	Minimum	58	57	48	49	49	50	44	30	27	26	30	36	44	56	43	48	54	57	56	63	65	59	48	60	65	51	57	63	67	47	39	49.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.47	10	29.50	29	8.5	26	sw.	29	81	72	78	40	340
Harrisburg	30.44	11	29.58	• 1	8.1	29	nw.	7	79	57	66	58	187
Philadelphia	30.41	11	29.60	7	7.7	24	sw.	29	83	58	66	58	165
Philipsburg	30.45	11	29.57	2	.....	49[a]	w.	29	79	56	67	.....	369
Pittsburgh	30.45	11	29.55	1	10.2	37	nw.	29	78	54	62	44	226
Reading	30.44	11	29.60	29	11.4	42	e.	2	75	.....	.....	53	184
Scranton	30.42	14	29.55	29	6.9	33	nw.	13	76	65†	.....	47	204

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. • One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	5.2	7.7	23	3.8	18	18
Easton	Delaware	8.0	12.9	27	4.8	18	22
Lehighton	Lehigh	5.3	7.6	26	4.2	17†	9
Reading	Schuylkill	7.6	12.2	26	5.4	18	13
Wilkes-Barre	N. Br. Susquehanna	10.5	15.8	23	7.5	14	22
Williamsport	W. Br. Susquehanna	6.7	10.4	23	4.4	14	20
Newport	Juniata	5.4	6.3	2	4.3	31	22
Harrisburg	Susquehanna	6.4	8.7	24	5.1	15	17
Schenley (nr) Lock No. 5	Allegheny	17.3	19.2	23	14.8	13	24
Sutersville	Youghiogheny	5.5	8.4	19	4.4	31	20
Charleroi (nr.), Lock No. 4	Monongahela	13.5	14.6	22	11.6	12	30
Pittsburgh	Ohio	*	*	..	*	..	25
Midland, Dam No. 7	Ohio	*	19.2	23	12.9	2	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																						2		2							
Fog, heavy	6	4	5	5	4	3	3							6		5	12	7	11	5			5	4							
Frost, killing								3	26	30	28	3																		1	2
Glaze																															
Hail		8	5		4	1	1							1			1								1			4			
Rain, heavy			1															1		4					2		1	6			
Sleet								1																							
Snow, heavy																															
Thunderstorms	8	27	17	4	18		1					11	11	1		10	34	32	12	19	3		14	27			24	7			
Winds, high	4	4			4	6	11	12	4			7	3						7	13				12	6			27	4	

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
• Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

(W. B. O., Philadelphia—8-13-47—1100)

1.05
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LII. JUNE 1947. No. 6.

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GENERAL SUMMARY.

Despite some uncomfortably warm days, this was a cool month. It was like June of last year in that respect, and the records would have to be turned back to 1928 for a lower June temperature. Unlike last year, rainfall was near normal, in spite of which this was the driest in four years. Wind was responsible for some of the more spectacular manifestations of weather, particularly in Mercer County, where a tornado wrought considerable havoc.

There were no frost occurrences, but a few places reported temperatures of 32° or below. Warm spells were rare, one coming around the 9th to 11th, and another at the end of the month. The last half was generally cool and rather dry.

Rain fell during five main periods of storminess. On the 3d, a depression which moved from Ohio into Pennsylvania, with an extensive front preceded by a squall line, caused general rains which were heaviest in the north portion. On the 7th and 8th, a low pressure area with several associated fronts brought heavy showers, thunderstorms, a tornado, and some non-tornadic high winds. The showers of the 14th were brought on by a slow-moving depression of moderate intensity with wave action along a warm front, followed by a squall line and then a cold front. The rains of the 28th were due to a solitary squall line passage.

The tornado on the 8th was of great intensity. It originated northeast of Akron, Ohio, entered Pennsylvania near Sharon, and caused three deaths and more than a million dollars of property damage in its passage across Mercer County. The towns of Sharon, Mercer, and Grove City were chiefly affected. The greatest toll was in Sharon, where, in addition to the three fatalities, more than 300 persons were injured, 51 of them requiring hospitalization. According to the Mayor of Sharon, 25 houses were destroyed and 300 others damaged. In a 15 block area containing at least a hundred houses, all were damaged. Two of the deaths occurred when a large garage was destroyed, the heavy roof crushing the men within. The death toll was considered remarkably low in view of the extensive damage. The tornado struck Sharon at 2:30 P.M., E.S.T., and plowed through a path up to four miles wide. Mercer was struck at 2:55 P.M., and Grove city somewhat later. Property damage in the latter two places was heavy, but only a few people were injured. The usual tornado stories cropped up. At a large lumber yard, thousands of board feet were scattered about like matchsticks. A case of Coca-Cola floated in the air. The sky blackened as if it were night. Hail fell, some stones reported as long as two inches, and there was heavy rain.

At Dillsburg, near Harrisburg, a large barn was demolished by wind on the same day. On the 11th, heavy hail fell in and around Harrisburg. Stones an inch in diameter were common, and some as large as eggs were reported. The city escaped severe damage from hail, but some trees were torn up by the high winds and some streets flooded. Lightning also caused damage to electrical equipment.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 85 stations was 66.0°, which is 2.1° below the 60-year normal for June. The highest monthly mean was 72.2° at Marcus Hook, and the lowest was 59.7° at Kane. Extremes ranged from a maximum of 98° at Burnt Cabins and Lewistown, on the 11th, to a minimum of 29° at Phillipsburg on the 4th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 214 stations, was 4.04 inches, which is 0.12 inch below the 60-year normal for June. The greatest monthly amount was 6.88 inches at Mercersburg, while the least was 1.86 inches at Scranton. The greatest amount recorded in any 24 consecutive hours was 3.23 inches at Donegal, on the 7th.

OBITUARY

We regret to learn of the death on June 23, 1947, of Mr. Jacob B. Lambert, cooperative observer at Stroudsburg, Pennsylvania. His services began in July, 1942, and continued until the time of his death.

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	68.4	100	30	3.04	.....	9	12	11	7
1889	66.7	95	33	5.43	.....	15	5	12	13
1890	70.1	97	33	3.42	.....	9	12	11	7
1891	68.2	100	30	4.50	.....	11	14	8	8
1892	71.8	99	40	5.64	.....	13	9	11	10
1893	69.8	100	38	3.12	.....	9	10	11	9
1894	69.6	102	30	2.57	.....	10	13	12	5
1895	71.4	104	32	3.50	.....	9	13	10	7
1896	67.4	98	32	4.64	.....	11	10	11	9
1897	64.8	96	28	3.38	.....	11	11	11	8
1898	69.6	100	33	2.79	.....	9	14	11	5
1899	69.9	101	32	3.51	.....	9	13	11	6
1900	69.9	97	35	3.60	.....	10	11	12	7
1901	69.1	103	32	3.47	.....	10	12	11	7
1902	66.0	97	32	5.97	.....	13	11	12	7
1903	63.5	90	34	6.53	.....	15	7	10	13
1904	67.9	96	32	4.06	.....	13	12	10	8
1905	68.0	99	30	4.39	.....	13	11	10	9
1906	69.3	97	28	5.43	.....	13	11	12	7
1907	63.6	98	30	4.99	T.	12	11	9	10
1908	68.8	102	28	2.36	.....	7	19	9	2
1909	68.8	96	34	4.48	.....	13	12	9	9
1910	65.4	95	32	4.31	.....	11	12	8	10
1911	68.3	99	38	4.71	.....	12	12	10	8
1912	65.6	96	29	3.36	.....	8	13	9	8
1913	68.2	99	20	2.26	.....	7	19	7	4
1914	68.6	101	25	3.71	.....	9	16	8	6
1915	65.6	92	31	4.00	.....	11	14	10	6
1916	63.7	89	28	6.14	.....	15	11	10	9
1917	66.8	92	32	5.38	.....	14	12	11	7
1918	66.0	98	29	3.46	T.	10	13	11	6
1919	71.2	102	32	3.90	.....	10	16	9	5
1920	67.0	99	32	4.97	.....	13	12	11	7
1921	70.6	101	26	3.12	.....	8	17	9	4
1922	69.5	96	30	5.11	.....	13	11	11	8
1923	70.9	103	32	2.73	.....	9	16	9	5
1924	65.8	98	26	5.57	.....	15	11	11	8
1925	71.9	104	29	3.04	.....	9	16	11	3
1926	64.1	94	23	3.63	.....	12	13	10	7
1927	63.8	99	25	3.72	.....	9	15	8	7
1928	65.5	93	30	7.96	.....	17	9	9	12
1929	67.8	98	28	3.56	.....	10	15	10	5
1930	69.1	100	22	4.20	.....	9	17	8	5
1931	68.5	102	28	3.71	.....	9	16	8	6
1932	68.5	98	26	3.15	.....	11	13	9	8
1933	70.9	107	28	2.58	.....	9	18	8	4
1934	72.9	104	35	3.64	.....	9	17	9	4
1935	67.4	96	33	4.22	.....	12	13	9	8
1936	68.5	100	33	3.80	.....	10	14	9	7
1937	69.5	99	38	4.37	.....	12	13	9	8
1938	67.1	99	32	5.14	.....	11	12	10	8
1939	69.9	101	35	4.46	.....	13	12	9	9
1940	67.8	95	31	4.11	.....	13	10	11	9
1941	68.6	99	31	4.95	.....	12	14	7	9
1942	69.0	96	34	3.82	.....	13	10	10	10
1943	73.0	101	35	3.33	.....	10	13	11	6
1944	69.3	100	29	4.53	.....	12	10	11	9
1945	66.7	103	27	4.07	T.	14	9	11	10
1946	65.8	100	28	6.05	.....	13	9	10	11
1947	66.0	98	29	4.04	.....	12	10	10	10
Period	68.1	107	20	4.16	T.	11	13	10	7

Climatological Data for June 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 9-4 NE	Lehigh	384	6	67.2	−2.6	92	11	43	4	6.02	+2.02	2.43	13-14	0	13	6	13	11	w.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	61	65.2	−1.6	91	10†	38	4	3.79	−0.31	1.05	7	0	9	13	14	3	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	5	66.5	.....	98	11	36	4	4.04	.....	1.42	7	0	10	18	3	9	w.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	7	62.4	.....	88	11	37	1†	4.34	....	1.13	2-3	0	9	17	3	10	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	69.2	−1.9	95	11	45	4	5.21	+1.26	1.78	8	0	12	18	2	10	se.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	51	67.5	−2.8	93	11	42	4	3.44	−0.51	0.80	28	0	10	13	8	9	s.	Charles A. Bender.
Coatesville	Chester	431	59	66.6	−3.8	92	11	39	5	4.58	+0.37	1.23	14-15	0	11	16	4	10	sw.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	4	62.1	.....	86	11	39	17†	4.51	.....	2.03	6-7	0	11	6	6	18	w.	U.S. Weather Bureau.
Eagles Mere	Sullivan	2,020	5	61.0	.....	84	11	37	3	4.94	+0.38	1.96	13-14	0	11	13	8	9	sw.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	9	64.9	.....	89	11	44	4	4.99	+0.94	1.99	7-8	0	10	7	7	16	s.	U.S. Weather Bureau.
Emporium-1 E	Cameron	1,100	60	64.4	−1.2	92	10†	35	4	4.83	+0.45	1.64	6-7	0	16	9	6	15	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	49	69.6§	−0.3	94	11	45	4	3.63	−0.74	1.22	7-8	0	12	13	12	5	e.	Ephrata Review.
Everett-0.3 SW	Bedford	1,020	24	67.0	−0.5	94	11	39	4	2.15	−2.52	1.05	7	0	10	5	10	15	se.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	53	63.4	−1.7	89	11	40	4	3.91	−0.94	1.07	7-8	0	12	9	0	21	s.	Andrew B. Evanusha.
George School	Bucks	184	40	66.4	−3.2	90	11	43	5	4.64	+0.87	1.44	14	0	9	15	9	6	w.	George M. Hart.
Gettysburg	Adams	553	73	69.4	−1.0	92	11	46	4	2.82	−0.96	0.81	13-14	0	11	13	12	5	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	64.5	−1.8	93	11	36	4	3.77	−0.65	1.25	13-14	0	10	8	7	15	w.	Miss Sallie M. Johnson.
Hanover	York	600	42	69.2	−2.4	95	11	47	4	2.99	−0.96	0.95	14-15	0	11	10	11	9	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	77	69.0	−1.3	92	11	47	4	3.67	+0.08	1.33	7-8	0	14	3	14	13	sw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	36	64.6	−1.6	96	11	38	4	2.96	−0.14	0.62	7-8	0	13	11	14	5	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	31	69.7	−3.1	95	30	50	5	3.53	+0.18	1.41	14	0	11	12	12	6	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	67.6§	−1.1	96	11	37	4	2.88§	−1.21	1.23	6-7	0	9	9	7	14	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	295	59	68.0	−2.3	91	11	42	2†	4.93	+0.93	1.31	11	0	12	17	7	6	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	49	66.0	−0.3	95	11	39	4	3.60	−0.20	1.25	14-15	0	10	10	14	6	.....	Carlos P. Darling.
Lebanon	Lebanon	469	62	68.5	−1.5	93	11	46	5	4.17	−0.01	1.47	7-8	0	12	18	8	4	sw.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	8	67.8	.....	98	11	41	4	2.97	.....	1.37	7-8	0	12	10	7	13	sw.	American Viscose Co.
Lock Haven	Clinton	557	55	68.2	−1.5	95	11	40	4	4.27	+0.16	1.48	30	0	11	14	7	9	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	72.2	−3.1	97	12	51	1	2.79	−0.99	1.11	14-15	0	10	1	16	13	e.	Sun Oil Co.
Martinsburg[8]	Blair	1,493	4	65.6	.....	90	10†	40	4	3.25	.....	0.94	6-7	0	11	1	13	16	sw.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	41	62.2	−1.5	89	11	39	4	4.19	+0.21	2.24	14	0	16	9	3	18	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	5	60.8	−0.9	88	11	38	4	3.70	−1.46	1.08	14	0	13	4	11	15	n.	U. S. Weather Bureau.
Palmerton	Carbon	455	28	65.4	−3.4	89	11	42	4	3.99	−0.33	0.87	7	0	15	16	8	6	ne.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	76	69.8	−1.6	93	11	52	5	4.70	+1.46	1.38	20	0	10	7	14	9	s.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	4	60.8	.....	89	11	29	4	5.91	.....	2.21	30	0	14	3	11	16	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	37	70.0§	−1.7	95	11†	41	5	3.35	−0.54	1.09	7-8	0	9	10	13	7	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	8	65.1	−4.1	90	30	41	4†	3.91	−0.55	0.69	14	0	13	22	3	5	.....	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	61	66.3	−2.2	91	11	40	5	4.85	+0.91	1.79	13-14	0	12	12	12	6	w.	John E. Benner.
Reading	Berks	273	76	69.3	−1.0	94	11	49	5	4.03	+0.48	1.94	7-8	0	10	8	10	12	s.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	66.5	−1.3	95	11	44	4	1.86	−1.81	0.60	7	0	12	6	16	8	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	56	67.3	−1.8	90	11	39	4	2.68	−1.24	0.77	14	0	10	7	14	9	s.	Dr. Merle V. Hoover
State College	Centre	1,217	61	66.6	−0.4	93	11	42	4	3.90	−0.19	1.17	7	0	13	7	12	11	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	27	67.2§	−0.2	94	11†	41	1†	4.76	−0.01	1.54	13-14	0	10	11	9	10	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	6	61.7	.....	87	11	40	1†	3.21	....	1.16	6-7	0	14	8	13	9	w.	James E. Swartz.
Towanda-1 E	Bradford	754	52	65.5	−0.5	94	11	36	4	2.88	−0.83	0.73	13-14	0	10	10	12	8	e.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	76	62.8	−1.8	92	10	33	4	2.31	−1.48	0.63	13-14	0	13	15	7	8	w.	M. S. Bliss.
West Chester	Chester	440	97	68.4	−1.3	93	11	44	5	3.05	−1.20	0.82	7-8	0	12	11	13	6	sw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N	Luzerne	544	8	66.0	.....	95	11	42	4	2.36	.....	0.70	7	0	11	3	15	12	sw.	U. S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	2	66.3	.....	93	11	39	4	2.67	.....	0.78	7	0	14	3	13	14	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	30	66.2	−2.1	93	11	41	4	3.71	−0.76	0.68	7	0	10	4	22	4	.....	Gordon E. Lower.
York-3 SW	York	390	58	70.2	−0.3	96	11	42	4	3.36	−0.39	1.07	7-8	0	11	14	10	6	s.	York Water Co.
Division mean			....	**66.4**	.....	**98**	**11**	**29**	**4**	**3.78**	.....	**2.43**	**13-14**	**0**	**11**	**10**	**10**	**10**	sw.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	11	64.8	.....	86	10†	42	4	5.38	−0.26	2.77	6-7	0	11	2	11	17	w.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	29	61.6	−3.5	88	10†	33	4	4.04	−0.62	1.13	2-3	0	11	6	17	7	w.	City Water Dept.
Brookville Apt.-1.5 SW	Jefferson	1,400	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Civil Aeronautics Authority
Butler	Butler	1,077	33	67.6	−1.0	93	11	37	4	3.61	−0.79	1.27	6-7	0	13	17	10	3	sw.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	36	63.8	.....	92	29	34	4	6.13	+1.52	2.65	7	0	14	10	4	16	e.	Penna. Electric Co.
Claysville	Washington	1,170	43	66.2	−3.0	89	10	37	4	6.25	+1.82	1.89	6-7	0	11	15	3	12	nw.	Walter B. Paget.
Corry	Erie	1,410	32	65.2	−0.2	90	29	35	4	5.44	+0.70	1.33	2-3	0	12	10	15	5	sw.	Geo. R. Mulderick.
Coudersport	Potter	1,653	22	62.2	−2.0	90	10†	32	4	4.04	−0.54	1.26	14	0	13	13	15	2	s.	Potter Enterprise.
Derry	Westmoreland	1,150	49	68.1	−0.9	92	10	41	5	6.50	+1.70	2.41	7	0	8	15	11	4	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	62.4	.....	86	10†	33	4	5.07	.....	3.23	7	0	12	9	19	2	w.	Penna. Turnpike Comm.
Donora	Washington	761	20	70.8	−1.2	93	10	45	4	5.82	+2.04	1.87	7	0	14	14	5	11	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	63.6	−1.3	86	11†	39	4	4.71	+0.12	1.12	7-8	0	11	5	11	14	sw.	John L. McGough.
Farrell	Mercer	855	33	71.1	+1.5	95	29	44	4	4.99	+1.53	1.50	13-14	0	9	13	9	8	se.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	3	65.6	.....	89	10†	39	4	2.98	.....	0.92	6-7	0	11	13	2	15	w.	U.S. Engineers.
Franklin	Venango	987	72	64.5	−1.8	89	10	39	4	4.68	+0.38	1.29	2	0	13	15	8	7	s.	William K. Fuller
Greensburg-2 S	Westmoreland	1,160	37	66.2	−1.7	89	10†	36	1†	6.11	+1.71	1.97	8	0	10	12	7	11	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	45	66.2	−1.8	90	10†	35	4	4.67	−0.24	1.45	14	0	8	9	17	4	n.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	5	65.2	.....	90	10	35	4	5.22	+1.67	1.19	2-3	0	14	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	69.0	−0.4	96	11	41	1	4.43	−0.58	1.59	7	0	11	15	3	12	s.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1,750	31	59.7	.....	88	10†	30	4	5.06	+0.32	2.19	2	0	14	12	7	11	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	52	64.1	−1.8	89	10	38	4	4.63	+0.59	1.31	2	0	13	5	18	7	sw.	City of Meadville.
Midland	Beaver	780	10	67.4	−1.6	90	10†	42	4	5.04	+1.06	1.47	6-7	0	12	15	4	11	se.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	66	66.4	−2.7	94	22	39	4	3.73	−0.47	0.91	2	0	13	13	10	7	s.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,386	13	68.5	−0.1	91	10	45	4	4.04	+0.23	1.59	6-7	0	12	5	9	16	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	3	63.6	.....	89	10†	34	4	4.53	.....	1.19	6-7	0	13	11	4	15	e.	U. S. Engineers.
Ridgway	Elk	1,385	39	63.1	−1.3	91	30	32	17	5.60	+1.39	2.18	6-7	0	13	9	5	16	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	62.8	−2.5	88	10	33	1†	6.66	+1.64	2.51	6-7	0	10	4	8	18	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	27	61.6	−2.4	85	10†	36	1†	3.74	−1.51	1.90	6-7	0	12	3	10	17	w.	Allen E. Yoder
Tionesta-1.5 SE	Forest	1,200	9	64.7	.....	90	23	38	4†	4.28	−0.17	1.56	2-3	0	13	19	3	8	se.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	3	62.8	.....	85	10†	30	4	3.65	.....	0.78	6-7	0	13	0	25	5	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	58	69.6	−0.7	91	10†	43	4	6.84	+2.09	2.25	6-7	0	9	12	10	8	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	32	67.7§	−2.1	92	10	42	1	4.97	+0.50	1.92	7	0	8	18	10	2	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	58	65.7	+0.2	93	10†	38	4	3.97	−0.47	1.55	1-2	0	12	19	8	3	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	17	66.4	−3.7	91	10	35	1	4.08	−0.20	1.55	6-7	0	11	13	11	6	w.	Mfr's Light & Heat Co.
Division mean				**65.4**	.....	**96**	**11**	**30**	**4**	**4.88**	.....	**3.23**	**7**	**0**	**12**	**11**	**10**	**9**	sw.	
Lake Drainage																				
Albion	Erie	900	3	65.2§	.....	90	29	34	9	5.55	.....	2.25	6	0	12	7	14	9	sw.	Albion High School
Erie	Erie	705	73	66.4	+0.2	92	10	44	4	2.78	−0.56	1.25	2-3	0	10	10	14	6	w.	U. S. Weather Bureau.
State mean			....	**66.0**	**−2.1**	**98**	**11**	**29**	**4**	**4.04**	**−0.12**	**3.23**	**7**	**0**	**12**	**10**	**10**	**10**	sw.	

[See page 48 for explanation of reference marks.]

Daily Precipitation for June 1947

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike			.02	.10			.09	.61	.41					.58	.64			.16			.05				.10		.08					2.84
Equinunk[2]	Wayne			.20	.23		.21	.08	.69	.03					.20	1.10			.30			.08				.16	.29				.35		3.92
Hawley[2], 0.5 E	Wayne			.02	.38		T.	.05	.62	.07					.84	.22			.20			.23		.04	.54	.24	.01	T.					2.96
Hollisterville[2]	Wayne			.28	.32		T.	.09	.78	.11					.16	.19			.09					T.	.11	.06	.01	T.					2.20
Lakeville[2], 1 N	Wayne			*	.35			*	.71							.16			.54			.23		.03	.05	T.	.21						2.28
Matamoras[2]	Pike			.06	.26				.62	.12					.17	.81			.16							.71	.22	.04					3.17
Milanville[2]	Wayne			.06	.22	T.	.05	.58		.03					.29	.26			.24	T.	.02				.18	.33	.04						2.30
Mount Pocono[1], 2 N	Monroe		.03	.33			.02	1.01	.45			T.		.01	1.08	T.	T.	.08	.14	T.	.34		T.	.16	.02	.03	T.		T.				3.70
Pecks Pond[2]	Pike			.09		.40		.19	.83	.34					1.00	*	.80		.24			.08				.06							4.03
Pleasant Mount[1, 5], 1 W	Wayne		.02	.38			.02	.82	.12					.02	1.78			.16	.25		.34		.04										4.61
Stroudsburg, 2 E	Monroe			.09				.44	.91						1.42	.12			.21		.4					.03	.32		1.18				4.76
Tanners Falls[1, 5], 1 SE	Wayne			.11				.52	.03						.78			.06	.12		.17					.34							2.13
Wind Gap[1, 5], 3 SW	N'rthampton			.15			.14	1.04	.56						1.94	.06			.23						.02	.06							4.20
LEHIGH																																	
Allentown Apt[1, 5, 9, 4 NE	Lehigh		.11	T.			.71	1.10	.66			T.		.02	2.42	T.		T.	.28		.04			.01	.08	.02			.05	.52			6.02
Allentown[2]	Lehigh			.06			.80	.85	.46				T.		1.02	1.33			.16	.08				T		12			05	.01		4.94
Bethlehem[1]	N'rthampton		.06	T.		T.	.44	.98	.78			T.		T.	1.79	.02			.22	.01	.02			.01	.09	.01	T.		.03	.12			4.58
Blakeslee Corners[1, 5]	Monroe		.02	.45			.05	.76	.23					.01	.50			.13	.09		.24		.08	.15	.06	.06			.03	.07			2.93
Gouldsboro[2]	Wayne			.16	.61			.18	.61	.12					.24	.40			.05	.03			.03		.80	.08							2.81
Lansford[2]	Carbon			.13	T.			*	*	2.68			T			.74			.25	.05		.25		.36	.15							4.86
New Tripoli	Lehigh			.02			.98	.68	1.06	.01					*	.31			.36			T.			.03	.14	T.		.02	.12	T.		3.73
Palmerton[1, 5]	Carbon		T.	.02			.33	.87	.49			T		.02	*	.98		.10	.14		.17	.01		.01	.09	.02			.04	.70			3.99
Zionsville, 1 SW	Lehigh			.10			.30	.25	1.35				.05		1.50				.15														3.70
SCHUYLKILL																																	
Conshohocken[2]	Montgomery							.47	.91	.22					.19	.65				.22		.51				.08			.35				3.60
Fredericksville[2], 1 S	Berks			.07				.37	.87	.74			T.		1.04	1.39			.18			.14				.11		T.		.20	.01		5.12
Geigertown[2]	Berks			T.				.30	1.39	.04					1.25	1.26				.04		.05				.15				.05	.04		4.57
Gratersford[2]	Montgomery							.46	.61	.33					.34	.74				.19		.43				.11				.06			3.27
Phoenixville[2], 1.5 SE	Chester			T.				.22	1.09	.18					.26	.91			T.	.20		.32				.13				.04			3.35
Port Clinton[2]	Schuylkill			.02				.57	.61	.60					.57	.69			.35	.03		.05		.04	.11	.22				.05			3.91
Pottstown[2], 0.5 S	Montgomery							.18	1.03			.07			.32	1.19	.16		.06			.13				.19							3.33
Pottsville[2]	Schuylkill			.14				.30	1.10	.58					.41	.65			.42					T.	.04	.10							3.74
Reading[1, 5]	Berks		.03				.14	1.13	.83			T.		.10	1.36	T.			.18		T				.05		T.		.03	.18			4.03
Strausstown[2]	Berks		T.					.12	.47	.46			.08		.54	.56			.27	.02					.20	.02				.01			2.75
Virginville[2]	Berks			.02				.68	.46	.40			T		.36	.92									T.	T.	.16			.50	.02		3.52
Wernersville	Berks			T.			.17	.03	1.45			.04			.54	.27			17			T			.38	.03			T.	.02			3.10
LOWER DELAWARE																																	
Coatesville[2]	Chester			.03				.60	.88	.21			.36		.57	1.23				.15		.02				.45				.08	T.		4.58
Doylestown	Bucks			T.			.18	.16	.94				.04		.98	.34			.12			.47				.15	T.		.18				3.56
George School[6]	Bucks						.48	.19	1.23						1.44	.03	T.		14			.81			T	.09			23				4.64
Maple Glen[7]	Montgomery							.58	1.00						.20	.78			.07	.07		.47				.05				.03			3.25
Marcus Hook[2]	Delaware			T.				.33	.47	.07			.07		.12	1.11				.43		.01				.08		T.		.10			2.79
Philadelphia																																	
Southwest Airport, [1]	Philadelphia		T.	T.			.86	.71	.61			T.		T	1.88	.05			.27		.44	T.			.07	T.	T		.26	T.	T		5.15
City Office[1, 5]	Philadelphia			.02			.39	1.04	.07			T.		T.	1.17	.05			.45		1.38	T.			.06	T.	T.		.07	T.	T.		4.70
Shawmont	Philadelphia						T.	.65	.80	T		T.	.03		1.25	.50			.20			.84					.03						§4.30
Quakertown, 0.5 E	Bucks			T.			.33	.24	1.41	.02					1.79	.27			.12			.43		.02		.19	.01			.02			4.85
West Chester	Chester			.02				.37	.82	.02			.60		.55	.27			.10			.02			T	.18	T.		.04	.06			3.05
West Grove[2], 1.5 SE	Chester			.02			1.43	1.09	.05				.30		.29	.60				.26		.10				.38		T.		.23			4.75
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga		.84	.43		.06		.16						.04	.77						T.				.33		T.				T.		2.63
Covington[2]	Tioga			.55				T.	.34						.10	.87			.10						.25								2.21
Lawrenceville	Tioga			1.20			.08	.35	.10						1.15	.10			.22		T.				.10	.15					.15		3.60
NORTH BRANCH																																	
Berwick	Columbia			.33			.10	.24	.67						.33	T.			.14	.06		T.	.02		.04	.07	.40						2.40
Canton[2], 1 NW	Bradford			1.13				.21	.54	T.					.51	.91	T.		.05	T.					.52	.27	.20						4.34
Danville[2]	Montour			.10	.11			.42	1.25	.08					.57	1.30			.13					T.	.02	.05				.19			4.22
Freeland[2]	Luzerne			.30	.27			.45	1.07	.19					.32	.40		.25				.33		.04		.26	.03	T.		T.			3.91
Hop Bottom[2], 2 S	Susquehanna			.60	.07		.03	.10	.57		.01				.20	1.42			.32	.04	T.	.40			T	.14		T.					3.90
Millville[1, 5]	Columbia		.02	.16			.19	.86	.04					.13	.80			.04	.05				.13	.08	.27	.02							2.79
Monroeton[2], 2 S	Bradford			.75	.23			.07	.37						.45	.60			T.	.20		.05				.31	.51	.11						3.55
Montrose[2], 3 E	Susquehanna			.31	.10		.09	.07	.35	T.			T.		.25	2.24		.02	.13	.07		.04		.01	.06	.14	.29	.02						4.19
Orwell[2], 3 N	Bradford			1.04	.09			.13	.24						.49	.70			.11						.02	.14	.14	.03						3.13
Park Place[1], 1 NW	Schuylkill		.10	.05			.86	1.10	.38					.07	1.02			.28	.05	T.	T.	.02	.15	.14	.05	.03			T.					4.30
Pikes Creek[1, 5]	Luzerne			.27			.09	.87						.10	1.04				.21		.20				.06	.04								2.88
Rush[2]	Susquehanna			.36			.08	.07	.28				.02		.30	2.05			.08			.30			.13	.10	.11	.02			1.59			5.49
Scranton[1, 5]	Lackawanna			.26			.15	.60	.01					.04	.32		T.	.16	.12		.04		.06	T.	.06	.04	T.			T.				1.86
Susquehanna[2]	Susquehanna			.32	.08		.48	.10	.25	.03					.18	2.18			.09	T		.57		T.	.09	.08	.46			1.48	T.			6.39
Towanda, 1 E	Bradford			.72				.17	.36						.73	.11			.15		.12				.18	.33	.01				T.			2.88
Tunkhannock[2]	Wyoming			.09			.03	.07	.45	T					.13	1.10				.07		.05		.08	.02	.10	T.							2.19
Wilkes-Barre[1], 3 N	Luzerne		T.	.42			.44	.70	.04					T.	.30	T.	T.	.12	.07		.05		T.	T.	.05	.15	.02							2.36
WEST BRANCH																																	
Bellefonte[2]	Centre			.43				.40	1.15	.35					.73										.06	.01		.02					3.15
Carrolltown[2]	Cambria			.39				.81	.47	.67					.03	.70			.06						.29	.49		.57		.02			4.50
Carter Camp[2]	Potter		.01	.32			.07	.34	.67						.22	1.00			.03						.08	.85	T.	.05			T.		3.64
Cedar Run[2]	Lycoming			.26			.28	.17	.37	.03					.28	.76			.04	.02					.17	.37		.06					2.81
Clearfield[2]	Clearfield			.10				.33	1.11	.17					.17	.51			T.	.05					.02	.33	.02	.14					2.95
Coalport[2]	Clearfield			.10				.50	.92	.50						.90									T.	*	.15	.18		.06			3.31
Curwensville Apt[1] 6 NW	Clearfield	T.	.01	.05			.43	2.01	.15			T.		T.	1.26	T.	.01	T.	.07						.29	.02	.21		T.					4.51
Driftwood[1, 5]	Cameron		.07			.19	1.13	1.47	.10					.09	1.08				.06						.26	.01					.07		4.53
Dushore[1, 5]	Sullivan		*	*			*	*	1.24			.50		.07	1.54			.06			.11			.02	.44	.09							4.07
Eagles Mere[2]	Sullivan			.93	.21			.23	.43	.04			T.		.64	1.96	T.		.10	T.				T.	.07	.28		T.			.05		4.94
Emporium[2], 1 E	Cameron	T.	.03	.44	.02		.14	1.64	.38	.07		.02	.03		.28	1.26			.07			T				.06	.22	.07			.10		4.83
English Center[1, 5]	Lycoming		.83	.13				1.10	.04			*	*	*	*	1.30		.22	.03					.24	.12					1.56		5.57
Galeton	Potter			1.56			.10	.10	.60						1.00	.10	T.								.34	.05	.15				.38		4.38

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Daily Precipitation for June 1947—Continued from page 43.

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																
Karthaus[2]	Clearfield			.05				.56	.89	.12					.25	.72									.10	.12	.02	.07		.01			2.91
Lock Haven[2]	Clinton			.39			.04	1.18	.90	.02					.49	.60			02						.44	.17		.02					4.27
Medix Run[1, 5]	Elk		.04	.02		.35	.31	1.22	.15						1.20				.03						.12	.02	.06						3.52
Philipsburg[1, 5, 7 E]	Centre		.09	.16			.19	1.62	.09					.11	1.07	.01	T.	.02	.03					T.	.20		.07		.04		2.21		5.91
Renovo[2]	Clinton			.14			.08	1.24	.85	.09					.08	.49			T	.01					.12	.27		.06					3.43
State College[1, 5]	Centre	T.	.17	.35			.08	1.17	.87					.05	.70			.08	T.					.02	.11		.02	T	.15		.13		3.90
Tamarack[2], 2 S	Clinton		.03	.21			.20	1.16	.28	.08					.27	.68	.01		.04	.01		T			.10	.13	T.	.01		T.			3.21
Trout Run	Lycoming		*	.78				.38	*						1.18			*	*					*	.34							2.68
Tyrone [1, 5, 4 NE]	Blair		.07	.26				1.63	.78						.86										.21		.27					4.08
Wellsboro[2]	Tioga			.59	.01		.02	.04	.38			T.			.11	.52			.04	.07					.13	.36	.03	.01					2.31
Williamsport Apt.[1] 4 E	Lycoming		.08	.22			.21	.78	.03					.23	.31	T.	T.	T.	.04		.22			.21	.27	.04	.02				.04		2.67
Williamsport[2]	Lycoming			.36	.06			.44	.55	.06					.34	.34						.24			.05	.20							2.64
Williamsport[2], 4 SE	Lycoming			.23	.10		.01	.52	.78	.07		.01			.63	.21	T.		T.	.07		.33			.16	.18		.01					3.31
JUNIATA																																
Altoona, 4.5 W	Blair			.55			.43	1.05	.54						.64										.10	.08	.12		.28				3.79
Breezewood[1], 0.5 E	Bedford		.95	.20			.25	1.09	.75					.13	.65									.08	.02		.25		.70				5.07
Buffalo Mills[2]	Bedford			.08				.90	1.78	.20						.47													.18		.19		3.80
Burnt Cabins[1], 2 NE	Fulton		.71	.03			.03	1.42	.43					*	.51										.18		.61		.12				4.04
East Waterford[2], 3 E	Juniata			.10				.59	1.99	.53					.70	.51			T.	T.				.03	.01	.32		T.		.21			4.99
Everett[2], 0.5 SW	Bedford			.13				.41	.72	.32					.05	.33									.02	.05		.03		.09			2.15
Huntingdon[2]	Huntingdon			.05				.38	.99	.75					.20	.28								.04	.07	.12	T.			T.			§2.88
Lewistown[2], 1 W	Mifflin			.09	.04			.27	1.37	.38					.19	.23			T					T.	.03	.19	.01	.02		.15			2.97
Mapleton Depot[2]	Huntingdon			.02				.28	.92	.81					.17	.31									.03	.04		.01		.06			2.65
Martinsburg[1, 8]	Blair		.02	.01			.01	.93	.67					.05	.21	T.	T.		T.				T.	T.	.26	T.	.04		.12		.93		3.25
McConnellstown[2] 4NW	Huntingdon			.14				.44	.91	.71					.17	.24									.02	.25		.20		.07			3.15
Neffs Mills[1, 5], 3.5 NE	Huntingdon		.16	.39				1.90	.62					.06	.14									.02	.18				.09			3.56
New Bloomfield	Perry		T.	.32			*	*	2.68			.40	.02		.74	.40			.03				T.						.21			4.80
Newport[2]	Perry			.19				.52	1.97	.32			.20		.59	.24			.05	.02					.10					.20			4.40
Saxton[2], 1 W	Bedford			.12				.38	.52	.46					.11	.49											.08	.12		.82			3.10
Shade Gap[1, 5], 0.5 SW	Huntingdon		.14	*			.06	1.15	.26					.32	.21										.24		.65		.25				§3.26
LWR SUSQUEHANNA																																
Arendtsville[2]	Adams			.06				.06	.85	.23	T.		.40		1.51	.48									T.	.06		.05		.36			4.06
Beavertown[2]	Snyder		.07					.37	.60	.16				.47	.50		.04							.10		.04	.02						2.37
Bloserville, 1.5 N	Cumberland			1.16			T.	.39	1.39			.30	.02		1.41				T					T.	.02				.45	T.			5.14
Carlisle	Cumberland		.05	.14			.02	.72	1.78			.07			1.22	.28			T.					.05		.12	.02		.74				5.21
Columbia	Lancaster			.02				.43	.66			2.41			1.33	T.			.03			.07			.07	.04		T.	.03				5.09
Dauphin[2], 3 N	Dauphin		.01	1.49				.40	.44	.46			.13		.57	.75			.23	T.				T.	.05	T.				.07			4.60
Ephrata	Lancaster			.01				.11	1.22			.58	T.		.67	.11					.04	.31			.15	.27				.13	.03		3.63
Glen Rock[1, 5]	York		.03	.05			.03	1.30	.19	.02		.36		.58	1.55										.07	.02	.03		.09				4.32
Gordon	Schuylkill			.32			.20	.60	.80						.85	.40			.21		.01		.22	.16						T			3.77
Grantville, 2 SW	Dauphin		.02	.06			.12	1.10	.62			.24		.02	.61	.24			.23			.08	.07	.05	T.				.06				3.52
Hanover[2]	York			.01				.38	.74	.30			T.		.34	.95				.03					.04	.01		.05		.14			2.99
Harrisburg Apt[1, 5], 3.5 S	Dauphin		.02	.01			.03	1.20	.31			1.08		.65	.17			.05	.03		T.		.03	.02	.01		T.		.06				3.67
Holtwood[2]	Lancaster			.07				.16	.51	.09			.33		.45	1.41				.05		T.				.20		.01		.25			3.53
Huntsdale[2]	Cumberland			.10				.17	1.46	.13			.33		.53	.18									T.	.12		T		.50			3.52
Kirkwood[1, 5, 1 SW	Lancaster			.03			.18	.56	.08			.40		.29	1.74				.10			.10			.54		*		*	.68			4.65
Lancaster	Lancaster			.03				.65	1.20				1.31		.61	.15			.03			.01			.08	.10	.01		T.	.75			4.93
Lebanon[2]	Lebanon			T.				.25	1.47	.53			.43		.20	.26			.22	T.		.20			.15	.38				.04	.04		4.17
Middletown[1], 1.5 W	Dauphin		T.	T.			.01	1.29	.19			1.10		.48	.12			T.	.11		T.		T.	.11	T.		T.		.02			3.43
Millersburg[1, 5], 2 E	Dauphin		.11	.09			*	*	1.35			*		*	*	2.55								.03								4.13
Milroy[2]	Mifflin		T.	.01				*	*	1.87					*	.71			T.				.22	T.	.07	.04	.01						2.93
Newburg[1], 3.5 NW	Cumberland		1.33	.03			.02	1.16	.43	.01		.02		.45	.70										.33				.27				4.75
New Park	York			.10				.06	1.25				.10		1.74	.12			.10						.60	.55	.08		.20	.02			4.92
Pine Grove[2], 1.5 NE	Schuylkill			.42				.46	.60	.19			.08		.51	.25			.26					.09	.04	.04				.21			3.10
Selinsgrove	Snyder			.06			T.	.68	.54			.04			.77	.22	T		.06					.07	.22	.02	T.		T.				2.68
Shamokin[2]	N'umberland			.19	.02			.18	1.28	.29			.01		.24	.99			.27					.04	.11	.06				.12			3.80
Shippensburg	Cumberland			.15			T.	.74	.90	.02			T.		.63	.07			.02					T.	T.	.17		T.	.18				2.88
Sunbury[2]	N'umberland			.05				.50	1.13	.15					.45	.62			.09	T.		T.		.04	T.	T.	.02						3.05
Wellsville	York			.02				.46	1.36				.76	T.	.93				.02						.06	.02	.01		.07	.13			3.84
Williamstown[2]	Dauphin			.51	T			.48	.68	.43			.28		.31	.48			.18	T.		.18			T.	.18							3.71
York, 3 SW	York			.02				.66	1.07			.02			.54	.70									.02	.05	.05		.03	.20			3.36
York Haven[2]	York							.19	1.87	.20			.42		.45	.33			.03			.04			.12			T.					3.65
Potomac Basin																																
Chambersburg[6], 1 SW	Franklin		.07	.11			.18	.75	.39					.15	.71				T.				T.	T.	.12		.16		.80			3.44
Gettysburg	Adams			.07				.34	.38			T.	.08		.81	.45			.02					T.		.04	.04		.50	.09			2.82
Hewitt, 2 SW	Bedford		*	.52				*	1.35					*	.60										*	.57		.12				§3.16
Hyndman[2]	Bedford			.22				.83	.18	.35					.03	.16				T.						.09		.97		.12			2.95
McConnellsburg[2]	Fulton			.35				.35	.96	.49					.28	.26										T.		.38		.40			3.47
Mercersburg[2]	Franklin			.30				.78	.41	.88					.75	.39										.03		1.48		1.86			6.88
South Mt. San't'm[2]	Franklin			.09				.50	.80	.25			.22		1.13	.91				T.					.02	.12		.12		.67			4.83
GULF DRAINAGE																																
Ohio Basin																																
ALLEGHENY																																
Acmetonia[2]	Allegheny			.14				1.49	1.35	1.60					.10	.37			.16								.02	.04		.01			5.28
Allens Mill[1, 5]	Jefferson		.13				.76	.92	.29						1.00			.01	.04					.03	.04	.17	.27						3.66
Blairsville[1], 6 NE	Indiana		.23	.43			.54	2.57	.81			T.		T.	.60			.09	.03					T.	02		.05	.01	T				5.38
Boswell[2], 6 NW	Somerset			.42				1.37	1.09	.64					T.	.18									T.	.06		.29		.07			4.12
Bradford, 4 W	McKean	T.	.51	1.13			.34	.41	.40				.31		.48	.17	.10		.06						.13		T.						4.04
Brookville[1], 1.5 SW	Jefferson																															
Buckstown[1, 5]	Somerset		.02	.16			.03	1.80	.79						.73										.16		.21		.17				§4.07
Clarion[2], 3 SW	Clarion		.03	.72				.80	2.65	.13			.18		.15	.44			.06	.02					.01	.04	.04	.86					6.13
Corry	Erie	.17	.86	1.33			.54	1.01	.18			T.			.98	.12	.03								.15	.01	.06						5.44
Coudersport	Potter		.03	1.11				.44	.21	03			.02		1.26	.06			.04						.05	.71	.05				.03		4.04
Coudersport, 7.5 E	Potter																															
Derry	W'moreland		1.06				.25	2.41	1.06						.66				.09							.28				69		T		6.50
Donegal[1]	W'moreland		.16	.28			.23	3.23	.57						.34			.02	.01						.02		.02		.16		.03		5.07
Dunlo[1, 5], 0.5 SW	Cambria		.04	.15			.18	1.82	.40						.34										.10				.02				3.05
Ebensburg[2]	Cambria			.99				.93	1.12	.40					.10	.30									.12	.45	.03	.25		.02			4.71
Ford City[2], 4 S	Armstrong			.19				.92	.75	.34					.23	.34			.04	.03						.03	.05	.06					2.98
Franklin[2]	Venango		.22	1.29			.07	.49	1.02	.16			.21		.22	.30	.05		.14							T.	.12	.39					4.68
Glen Hazel[2], 1 NE	Elk																															
Home[1, 5]	Indiana		.05	.07			.50	1.04	.43						.57	.02		.03							.11		.07						2.89
Indiana	Indiana			.09			.43	1.31	1.00						1.45				.08							.25	.06						4.67
Johnstown[2], 0.5 W	Cambria			.41				1.05	1.59	.99					.06	.17				T.					.12	.01	.01	T.	.01	.01			4.43

Continued on page 45

Daily Precipitation for June 1947 (Continued from page 44)

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	.02	2.19	.41		.07	.41	.82				.12		T.	.74	.02	.03	T.	.06						.02		.10		.05				5.06
Kregar[1], 1.5 SE	W'moreland		.02	.56			.66	2.48	.85					.02	.31		T.							T	.31		.36		.06		.03		5.66
Lyeippus, 1.5 E	W'moreland			1.00			.27	.98	1.86						.58				.10						.03		T.	.25	.03		T		5.10
Marienville[1, 5]	Forest	.05	1.39	.06		.10	.34	.54				.30		.14	.68			.02	.08								.38						4.08
Meadville[2], 1 S	Crawford		.63	1.31			.25	.29	.51	.01			.23		.18	.70	.11		.04							T.	.29	.08					4.63
Mosgrove[2]	Armstrong			.18				1.10	.92	.22			T.		.30	.37			.01	.04						.01	.11	.91					4.17
Parkers Landing[2]	Armstrong		.08	1.08				.50	1.50	.25			.10		.08	.40	.04		T.	.18						.22	.01	.28					4.72
Pittsburgh City Of[1, 5]	Allegheny		.16	T.			1.11	1.65	.80			T		.22	.62			.10	.03						T.		.06		T.		T		4.75
Port Allegany[2]	McKean		.02	1.90			.17	.33	.22				T		.14	.48	.02		.02						.11		.01						3.42
Punxsutawney[2]	Jefferson		.01	.05				.64	1.43	.16				T.	.05	.80	T.		.01	.02						.10	.05	.57		.14			4.08
Putneyville[2], 2.5 SE	Armstrong			.08				1.19	.99	.33			.02		.48	.46	.02		.02	.04						.20	.07	.63					4.53
Ridgway[2]	Elk		.02	.73			.39	2.18	.52	.04			.22		.32	.81	.03		.02	T.					T.		.05	.27					5.60
Saltsburg[2]	Indiana			.12				1.59	1.32	.99					.13	.69			11	T.						.18	T.	.11		.03			5.27
Seward[2]	W'moreland			.98				.87	2.07	.78					.31	.37			.04	.01					.02	.01							5.46
Sheffield[1, 5, 6 W]	Warren	.12	1.63	.06		.31	1.07	.46	.04			.20	.02	.33	.47			.03	.04														4.78
Smethport[1, 5, 1 SW]	McKean	.03	2.69	.23		.36	.36	.30				.15			.60			.03	.03						.07								4.85
Strongstown[1, 5]	Indiana		.10	.18			.62	1.29	.78						.47			.05						.02	.40				.05			3.96
Tionesta[2], 1.5 SE	Forest		.15	1.56			.16	.47	.11				.37		.40	.61	.05		.09	T.					T.		.07	.23	.01				4.28
Titusville, 2 S	Crawford		.76	.38			.34	.78	.02				.05		.67	.02	.10		.10						.18	.02	.23						3.65
Union City[1, 5]	Erie	.36	2.48			.53	.74	.73				.07		.21	1.01	.05										.02	.20						6.40
Vandergrift[1]	W'moreland		.02				1.07	1.92	.87						.95			.03						.07		.04			T.			4.97
Warren[2]	Warren		.15	1.40			.21	.44	.22				.45		.41	.58	.05								.03	T		.01		.02			3.97
Youngsville[1, 5]	Warren	.18	1.26	.01		.10	.70	.52				.30		.28	.63	.03									.03								4.04
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset			.23	.01			1.78	.36	.07					T.	.39			T.	.01						.16		.47		.05	T.		3.53
Connellsville[2]	Fayette			.51	T.			1.96	.63	1.05					.07	.55			T.							.07		T.	T.	.06	.47		5.37
Donora[1]	Washington		.25	.29			.62	1.87	1.60			.02		.03	.55			.05	.02						.11		.12		.07		.22		5.82
Greensboro[2]	Greene			.24	T.			1.13	.33	.08					.01	.70				T.						T.		.28		.01	.03		2.81
Greensburg, 2 S	W'moreland			.93			.15	1.87	1.97						.70				.10						.01		.04	.27	.07		T		6.11
Irwin	W'moreland			.61			.29	2.15	.47				.02		.58				.19						.08		.06	.24	.49		T.		5.18
Meyersdale[2]	Somerset			.10				1.08	.30	.12					.03	.22			.01	.04								.25		.05			2.20
Murrysville[1, 5]	W'moreland		.01	.31			1.15	1.15	.60					.01	.95			.12							.07	.04			.08				4.49
Pittsburgh Arpt.[1, 5]	Allegheny		.11	.01			.72	1.12	.36			T.		T.	1.14	T.		.15	.01						.02		.12		.22		.06		4.04
Rices Landing[2]	Greene			.38				1.78	.25	.87					.18	.28			.01							.17	.01	.63		.02	.05		4.63
Somerset	Somerset			.30			.69	2.51	1.53					T.	1.09										.06		.12	.06	.28		.02		6.66
Springs[6], 1 SW	Somerset		.12	.12			.30	1.90	.40	T.				.02	.30		T		.04						.03		.24		.22		.05		3.74
Uniontown	Fayette			.20			.39	2.25	.51					T.	1.18				T.						.04		.83		.07		1.37		6.84
Waynesburg[2]	Greene			.20	.02			1.55	.38	.27					.13	.54			T.							.22	.61			.13	.03		4.08
BEAVER																																	
Beaver Falls[2]	Beaver		.02	.78				1.63	2.08	.52					.31	.33			.24	T.						.02	.17	.03		T.	.02		6.15
Butler	Butler	.04	.10	.55			.02	1.25	.48						.25	.25	.05		.09							T.	.47	.07			.02		3.64
Farrell[2]	Mercer		.52	.92				.38							1.06	.44			.29							.23	1.12				.03		4.99
Greenville	Mercer	.11		1.35			.16	.85	T.			.01	T.	.03	.83	.01	.02		.19								.54		.02				4.12
Jamestown[2], 2 NW	Mercer		.91	1.19			.02	.62	.79				.28		.16	.84	.05		.10	T.							.13	.10		.02	.01		5.22
Mercer Arpt.[1], 2.5 NE	Mercer	.25	1.17				.28	1.05	.07			.18		.28	.49	T.	T.	.10	.17						.02	T.	1.04				.01		5.11
New Castle[1], 1.5 N	Lawrence	.04	.91	.01			.82	.86	.03			.05		.20	.39	T.	T.	.09	.10						T.		.22	T.			.01		3.73
Pennline, 2 S	Crawford		.89	1.23			.25	1.37	.47	.01			.08		.10	1.58	.04		.03									T.		.04			6.09
OHIO																																	
Claysville[2]	Washington			.37				1.89	.96	1.57					.65	.37			.11							.07	.14	.08		.04			6.25
Coraopolis[2], 1 E	Allegheny		.03	.24	T.			1.72	.38	.24					.28	.28			.23	T.						T.	.13	.05		.03	T.		3.61
Midland[2]	Beaver		.01	.56				1.47	1.09	.53					.26	.36	T.		.18	T.							.42	.07		.02	.07		5.04
Washington[1, 5]	Washington		.12				1.04	1.36	.83						.62			.14								.17		.03	.04	.08			4.43
LAKE DRAINAGE																																	
Albion[2]	Erie		1.85	.10	.15	.10		2.25		.21		.35		.10	.15	.20	.04													.05			5.55
Erie[1, 5]	Erie	.24	1.22	T.		.37	.12	.28	.01			.08		.05	.39	.02										T.			T	T.	T.		2.78
Raymond[1, 5]	Potter		.55	.85		.09		.33							.95		.03	.16						.02	.36		.08				.07		3.49

[See page 48 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2], 1 SW.	Evaporation	.190	.212	.096	.070	.228	.203	.121	.180	.067	.176	.194	.282	.244	.194	.056	.178	.103	.171	.041	.193	.170	.229	.246	.188	.122	.175	.099	.239	.059	.180		4.906
	Wind movement	26	38	63	42	33	42	40	53	23	19	33	40	36	48	43	62	31	24	7	34	20	41	30	17	30	21	14	16	9	11		946
Ford City[2], 4 S	Evaporation	.164	.133	.030	.304	.212	.219	.107	.082	.145	.129	.199	.304	.257	.214	.101	.093	.138	.126	.084	.172	.232	.238	.243	.239	.194	.206	.076	.161	.126	.166		5.094
	Wind movement	31	30	72	67	26	35	37	15	17	17	12	48	35	59	55	73	15	36	3	23	27	30	26	21	33	38	12	11	12	20		936
Hawley[2], 1 S	Evaporation	.221	.281	.124	.147	.233	.269	.037	.181	.098	.053	.203	.281	.272	.160	.034	.164	.133	.172	.113	.192	.122	.204	.210	.298	.072	.207	*.016*	.314	.083	.234		5.096
	Wind movement	147	224	162	86	81	153	99	42	30	51	56	96	69	44	122	111	68	59	36	74	27	29	23	37	71	127	40	30	40	37		2271
Jamestown[2], 2 NW	Evaporation	.194	.110	.065	.194	.198	.198	.142	.140	.136	.186	.246	.281	.123	.108	.134	.034	.168	.144	.214	.218	.264	.244	.252	.214	.158	.118	.156	.198	.140	.198		5.175
	Wind movement	35	30	39	61	34	44	23	38	17	24	53	37	33	70	35	56	14	35	31	40	44	42	32	22	23	28	22	22	16	22		1022
Neffs Mills[2], 3.5 NE.	Evaporation	.188	.180	.122	.232	.232	.216	.102	.592	.030	.200	.178	.298	.304	.096	.092	.123	.106	.188	.057	.207	.216	.309	.231	.036	.284	.176	.102	.163	.157	.082		5.499
	Wind movement	25	30	27	48	19	33	7	22	7	7	8	14	38	14	48	55	15	30	5	10	15	15	33	22	11	19	10	12	6	2		607

Italics mean minus quantity.

[See page 48 for explanation of other references.]

Daily Temperatures for June 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	73	68	73	75	73	81	85	75	75	85	81	86	62	58	67	69	70	71	72	83	73	77	81	83	80	82	82	80	90	80		76.3
	Minimum	45	45	50	35	52	59	60	63	34	52	64	69	47	56	45	46	43	52	50	62	59	62	60	51	55	62	56	61	66	64		54.2
Allentown Arpt.[1],9.4 NE	Maximum	77	78	70	77	75	88	70	59	86	90	92	89	72	80	75	72	79	71	74	79	76	83	83	73	82	82	90	87	87	90		79.5
	Minimum	46	56	51	43	45	55	54	52	52	58	65	61	57	57	56	54	58	55	54	49	54	51	55	52	55	57	58	63	65	68		55.0
Allentown/	Maximum	76	78	72	72	74	88	72	66	81	86	94	88	72	80	75	71	77	68	73	77	74	82	84	74	82	81	89	86	86	89		78.9
	Minimum	49	53	61	44	45	53	60	53	54	56	62	66	59	58	57	57	53	58	53	49	54	50	54	52	55	55	59	63	67	68		55.9
Altoona 4.5 W	Maximum	81	82	71	72	76	80	78	74	81	91	91	83	74	73	66	69	73	67	72	73	71	77	82	81	78	73	83	80	83	82		77.2
	Minimum	40	54	51	38	48	50	61	60	52	56	65	64	54	61	48	52	47	53	44	43	46	45	47	55	57	57	59	66	59	61		53.1
Arendtsville/	Maximum	80	79	74	74	76	85	82	87	82	90	95	92	71	75	76	71	78	69	72	77	73	81	85	80	82	82	87	75	87	89		79.5
	Minimum	43	53	61	44	44	54	64	56	58	60	63	65	62	63	58	55	52	59	51	51	52	49	53	55	59	56	58	61	63	65		56.1
Beavertown/	Maximum	78	76	71	73	70	84	74	64	81	89	93	68	71	78	70	72	76	69	74	78	75	82	86	79	80	78	87	87	89	86		77.9
	Minimum	62	60	59	36	51	54	59	57	51	55	60	62	51	57	47	53	42	54	45	39	46	45	47	53	53	58	54	59	64	65		53.3
Berwick	Maximum	79	81	79	73	78	84	70	65	80	89	95	89	84	79	76	75	76	69	74	77	75	83	86	81	80	79	87	89	90	91		80.4
	Minimum	48	60	58	42	48	56	63	56	53	57	68	64	53	59	54	55	50	57	52	47	51	49	51	53	56	57	57	62	66	68		55.5
Bethlehem[1]	Maximum	75	78	66	74	72	87	70	57	84	88	93	88	70	77	73	70	74	66	72	76	77	80	84	70	80	82	90	86	87	92		77.9
	Minimum	50	56	46	46	47	55	52	52	52	60	68	69	58	56	57	57	54	57	54	50	53	51	57	58	55	61	62	65	68	68		56.3
Blairsville[1]-6 NE	Maximum	75	76	66	72	80	75	81	71	77	86	85	75	80	70	64	65	70	63	66	72	73	74	81	76	72	74	81	77	86	82		74.8
	Minimum	44	60	45	42	52	59	59	56	58	61	70	59	58	53	50	48	50	51	47	49	50	49	56	56	57	58	61	62	59	6		54.9
Bradford-4 W	Maximum	71	64	64	73	81	81	77	68	79	88	88	86	78	76	69	66	69	69	68	70	72	77	80	79	74	76	83	82	85	85		75.9
	Minimum	37	54	45	33	45	59	55	57	45	50	58	48	42	60	47	50	35	48	36	35	38	38	41	48	47	50	47	54	57	61		47.3
Burnt Cabins[1]-2 NE	Maximum	80	81	71	73	74	88	85	74	86	90	98	92	72	79	78	74	80	75	74	76	74	81	84	80	83	82	88	74	90	90		80.9
	Minimum	40	57	46	36	50	56	59	59	57	57	65	61	57	60	47	51	46	49	41	41	47	42	44	50	56	58	54	60	60	62		52.1
Butler	Maximum	80	75	76	70	83	87	78	85	83	90	93	90	85	91	73	73	72	77	72	78	77	78	83	87	87	80	87	88	90	88		81.7
	Minimum	51	49	50	37	49	62	63	55	54	57	64	58	54	67	53	56	42	54	41	42	45	47	45	56	60	60	57	60	60	60		53.6
Canton/-1 NW	Maximum	71	71	61	70	69	81	66	64	74	85	88	76	69	60	64	68	72	68	67	72	71	79	83	76	74	76	83	82	86	84		73.7
	Minimum	37	51	46	37	46	51	59	52	51	53	65	60	46	53	45	49	44	49	45	44	45	45	50	54	51	58	56	63	59	63		51.0
Carlisle	Maximum	81	80	78	71	75	88	78	65	80	88	95	90	82	78	78	73	80	72	76	77	75	80	84	82	83	80	88	78	88	87		80.3
	Minimum	60	58	65	46	51	56	63	55	60	72	68	67	62	61	52	56	52	60	51	49	53	50	52	58	60	58	58	63	65	65		58.2
Chambersburg[6]-1 SW	Maximum	78	79	75	74	73	85	83	68	82	89	93	92	75	75	76	71	77	73	76	79	71	81	86	79	81	79	88	76	88	85		79.6
	Minimum	44	55	55	42	46	57	63	56	57	58	67	64	61	63	52	55	52	54	47	47	53	47	49	55	60	60	57	60	60	60		55.4
Clarion[6]-3 SW	Maximum	79	72	70	76	80	77	71	76	75	81	86	85	83	73	63	70	70	71	72	76	76	78	79	78	71	76	81	88	92	90		77.2
	Minimum	40	54	48	34	45	55	61	57	48	53	59	52	50	60	48	51	40	50	39	41	45	44	41	53	53	55	55	57	58	62		50.4
Claysville/	Maximum	79	77	68	76	82	79	84	77	81	89	88	80	87	74	66	69	73	65	71	77	78	77	81	80	76	80	84	83	88	84		78.4
	Minimum	41	56	49	37	46	64	68	63	57	60	68	59	55	66	56	52	50	53	41	42	47	48	46	48	53	55	56	59	60	66		53.9
Coalport/	Maximum	80	79	70	75	80	81	76	75	83	91	90	83	77	73	66	70	74	68	72	77	74	80	85	81	79	76	86	79	87	90		78.6
	Minimum	32	43	50	35	35	55	61	62	52	54	56	61	52	58	52	52	40	43	40	37	40	41	44	47	55	55	55	56	58	60		49.4
Coatesville/	Maximum	75	78	72	73	73	87	70	61	81	85	92	88	74	79	76	71	78	69	75	78	74	81	83	79	80	79	88	84	88	88		78.6
	Minimum	45	50	62	44	39	48	57	56	52	58	62	65	62	61	56	53	49	58	51	48	54	43	50	16	55	55	60	64	68	67		54.6
Columbia	Maximum	81	81	78	75	76	90	84	70	86	90	96	93	80	80	79	79	81	78	78	80	79	84	86	83	84	84	92	88	90	92		83.2
	Minimum	63	61	61	43	46	58	66	56	55	65	67	67	63	62	53	58	53	60	52	50	54	50	53	52	65	58	61	65	65	65		57.9
Corry	Maximum	72	65	63	78	83	81	73	75	82	89	88	73	87	78	62	69	71	72	69	75	79	82	86	84	76	79	86	85	90	86		77.9
	Minimum	49	46	46	35	54	65	58	58	50	59	70	52	48	56	49	49	40	51	45	40	44	46	47	55	59	57	51	61	59	67		52.6
Coudersport	Maximum	73	73	73	73	79	82	76	68	81	90	90	87	74	72	64	69	74	70	70	74	75	74	84	78	82	76	78	84	88	86		77.2
	Minimum	34	52	44	32	46	56	55	57	47	50	60	54	43	58	48	52	36	48	36	37	40	39	41	49	51	50	52	54	55	50		47.3
Curwensville[1]-6 NW	Maximum	75	72	66	69	76	77	67	70	77	85	86	75	73	68	59	66	69	64	67	70	70	75	79	76	73	71	80	74	82	84		73.2
	Minimum	45	55	45	40	47	61	59	52	49	56	66	53	48	51	48	43	39	46	39	46	48	48	49	53	54	57	55	59	57	63		51.0
Derry	Maximum	80	82	81	79	85	85	83	77	83	92	91	90	85	75	69	69	75	67	71	77	77	81	84	81	79	80	87	82	91	87		80.8
	Minimum	48	50	49	50	41	60	60	60	57	57	73	65	58	68	55	54	52	54	47	44	48	47	49	58	58	60	60	60	58	67		55.4
Donegal[1]	Maximum	76	76	64	70	80	76	81	70	78	86	86	79	80	71	64	64	71	60	66	75	73	74	79	75	74	74	82	76	85	83		74.9
	Minimum	34	51	44	33	46	63	58	55	51	50	60	58	56	52	51	49	46	46	41	40	43	47	41	54	51	52	54	54	52	62		49.8
Donora[1]	Maximum	82	81	72	79	86	82	85	73	86	93	92	85	89	77	69	72	76	65	75	83	83	82	86	83	80	84	90	85	91	90		81.9
	Minimum	48	65	52	45	57	69	66	63	63	64	72	67	60	69	58	55	55	57	48	50	52	54	52	62	60	65	64	67	65	70		59.8
Eagles Mere/	Maximum	67	70	62	67	68	77	63	65	75	82	84	78	69	63	62	65	67	63	67	68	69	75	80	72	72	71	79	78	82	80		71.3
	Minimum	39	47	57	39	40	46	54	51	49	49	60	62	47	49	48	47	45	45	47	48	49	49	51	54	52	54	58	61	61	63		50.7
East Waterford[6]-3 E	Maximum	73	74	64	67	69	81	75	63	76	82	89	82	71	68	67	65	72	63	69	70	68	76	80	75	74	75	82	72	81	78		73.4
	Minimum	51	60	50	44	48	60	59	51	57	63	71	68	54	58	51	50	50	54	51	52	50	53	58	56	57	63	62	64	62	65		56.4
Ebensburg/	Maximum	71	74	64	71	77	74	79	70	79	85	86	77	71	68	62	66	69	62	67	73	72	77	81	76	71	72	82	76	86	84		74.1
	Minimum	41	55	45	39	46	63	59	60	51	56	66	62	53	61	50	48	38	51	46	45	48	48	50	53	54	56	58	60	58	63		53.1
Emporium/-1 E	Maximum	79	79	70	78	83	84	72	75	84	92	92	78	80	75	63	72	76	73	73	79	78	82	87	85	79	80	81	89	90	89		79.9
	Minimum	37	45	49	35	40	48	57	57	50	50	54	56	45	58	47	50	40	43	40	40	43	43	44	54	54	52	57	55	60	61		48.8
Ephrata	Maximum	78	80	77	73	75	89	76	62	83	89	94	89	88	78	77	73	78	78	76	79	79	83	86	82	83	82	89	88	87	89		81.3
	Minimum	53	59	57	45	46	58	61	55	56	61	67	64	62	61	55	58	52	59	51	50	52	51	53	56	58	62	64	69	69	70		57.8
Erie[1]	Maximum	74	69	58	67	86	75	77	70	77	92	89	65	75	70	59	65	67	68	68	72	70	75	79	79	74	77	85	83	90	79		74.5
	Minimum	59	47	47	44	60	62	59	58	59	71	61	55	53	55	53	53	54	53	52	56	59	61	63	63	67	66	70	71	69	69		58.4
Everett[1]-0.5 SW	Maximum	84	82	69	73	77	86	86	76	81	90	94	89	72	76	73	70	78	66	75	79	72	80	86	80	83	80	89	79	90	89		80.1
	Minimum	49	51	45	39	49	56	61	56	55	58	67	62	60	60	60	51	53	49	50	44	43	45	47	55	54	56	60	60	60	61		53.9
Farrell	Maximum	79	68	68	80	88	87	79	79	87	94	94	85	93	82	65	74	77	74	73	80	83	85	88	86	82	81	92	91	95	92		82.7
	Minimum	54	54	51	44	59	71	68	64	59	68	71	59	56	61	58	56	49	56	49	50	56	56	55	60	62	64	63	70	69	72		59.5
Ford City/-4 S	Maximum	78	78	70	75	82	80	82	77	80	89	89	78	86	72	66	70	75	69	71	75	76	79	84	84	79	80	84	82	87	88		78.9
	Minimum	40	52	49	39	44	52	62	61	55	54	60	59	52	60	54	52	46	51	42	44	45	45	48	52	58	59	57	57	59	63		52.4
Franklin/	Maximum	75	66	63	74	82	81	72	78	82	89	88	71	84	73	65	71	74	73	71	78	78	81	85	84	77	77	85	83	88	85		77.8
	Minimum	40	40	49	39	41	54	63	61	52	54	60	54	51	55	51	52	42	44	43	44	46	50	49	51	56	59	55	56	62	63		51.2
Fredericksville-1 S	Maximum	75	79	72	70	72	85	72	59	78	85	90	85	71	75	72	68	74	67	69	75	72	79	81	74	79	78	85	83	84	86		78.5
	Minimum	42	59	57	42	36	54	54	52	52	55	60	63	58	56	51	50	48	55	49	47	51	46	51	47	48	54	54	58	64	64		52.6
Freeland	Maximum	78	71	68	69	69	80	65	56	75	87	89	82	76	70	67	66	72	66	66	72	69	78	82	71	75	76	83	80	87	85		74.2
	Minimum	47	54	45	40	42	54	55	48	50	58	65	64	50	51	49	49	42	48	47	49	52	54	55	51	60	60	64	63	65	65		52.6
George School[6]	Maximum	74	77	74	68	78	85	70	57	77	83	90	87	80	79	75	70	76	70	73	74	71	79	79	69	81	78	87	85	84	86		77.0
	Minimum	52	54	62	49	43	53	53	53	52	58	61	67	60	58	58	54	50	59	55	49	52	47	55	48	56	57	61	62	64	66		55.7
Gettysburg	Maximum	77	78	77	70	74	83	81	81	80	87	92	89	89	75	76	75	75	75	74	75	73	79	83	79	80	80	84	84	85	84		79.8
	Minimum	52	60	63	46	49	60	66	58	60	65	69	67	65	55	55	57	53	62	53	51	55	50	53	57	61	59	61	64	65	69		59.0
Gordon	Maximum	78	77	72	73	75	85	68	62	81	90	93	85	68	74	70	71	76	69	72	78	71	81	82	79	77	80	86	83	88	87		77.8
	Minimum	42	53	50	36	44	52	57	51	53	54	63	58	53	54	54	55	42	55	45	40	50	42	44	46	50	51	52	58	62	64		51.2
Greensburg-2 S	Maximum	80	79	76	78	83	82	84	75	81	89	89	86	87	75	71	70	73	70	72	76	77	78	83	82	77	80	85	82	89	88		79.9
	Minimum	36	58	51	36	46	58	63	61	55	53	59	65	55	67	54	54	45	54	46	41	42	42	45	55	52	54	55	56	56	64		52.4
Hanover/	Maximum	79	80	73	73	75	86	81	68	81	89	95	91	74	76	75	70	77	70	75	77	73	82	86	79	81	78	89	82	88	86		79.7
	Minimum	51	52	64	47	48	54	65	58	58	63	70	69	64	64	58	55	53	56	54	53	55	57	52	57	61	62	64	65	65	68		58.7
Harrisburg Arpt. [1]-3.5 S	Maximum	79	81	70	71	77	86	76	62	84	92	92	88	71	78	76	71	79	72	73	75	76	77	83	81	82	80	90	78	90	89		79.5
	Minimum	54	62	56	47	52	58	56	55	58	63	68	66	62	62	57	58	54	57	55	59	56	53	55	58	59	60	61	68	67	70		58.6
Hawley-0.5 E	Maximum	79	76	68	77	76	86	64	55	78	91	96	82	74	78	71	71	77	72	78	75	74	81	85	64	80	78	87	88	90	90		77.7
	Minimum	43	59	52	38	41	55	54	51	51	51	62	61	48	53	53	53	44	54	44	42	50	44	48	49	54	54	55	54	62	62		51.4
Hewitt-2 SW	Maximum	85	80	70	74	80	74	78	80	84	92	96	91	86	85	79	80	78	79	75	76	71	79	80	85	81	81	86	85	86			81.4
	Minimum	47	57	60	48	49	55	59	59	62	65	73	68	60	66	56	57	55	50	56	56	52	52	50	58	55	61	65	65	56	65		57.9
Holtwood[1]	Maximum	75	79	71	72	72	84	75	64	78	82	88	86	75	77	75	70	77	70	72	77	73	84	84	79	82	79	88	79	86	95		78.3
	Minimum	55	61	57	51	50	61	59	59	60	63	68	68	65	68	58	59	59	61	59	55	57	55	59	55	62	63	67	70	73	75		61.1
Huntingdon	Maximum	84	84	73	75	79	86	80	72	83	90	96	89	71	80	71	72	77	65	74	77	75	81	84	82	82	79	80	78	89	86		79.9
	Minimum	54	54	56	37	47	56	64	61	59	58	67	68	60	66	52	56	45	44	44	48	45	49	52	56	67	55	60	62	61	63		55.4

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Daily Temperatures for June 1947 Continued from page 46

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana 2.5 SE	Maximum	78	80	79	77	83	82	83	76	81	90	90	85	82	74	69	69	73	69	71	76	76	79	85	85	77	78	85	84	90	90		79.9
	Minimum	37	54	51	35	54	59	61	60	53	52	60	60	55	66	52	53	46	53	45	42	45	44	46	57	55	55	54	55	58	62		52.6
Irwin	Maximum	78	78	78	78	82	82	85	75	82	91	91	89	85	79	70	70	74	75	73	78	80	81	85	85	81	81	86	86	88	88		81.1
	Minimum	42	59	49	39	52	64	63	61	59	59	66	63	57	66	54	53	50	55	44	44	45	47	48	57	56	61	60	61	60	68		55.4
Jamestown 1-2 NW	Maximum	74	66	65	75	86	81	86	79	83	90	88	66	87	70	62	71	73	72	70	76	80	81	85	84	89	83	86	86	89	85		78.6
	Minimum	45	51	47	35	44	58	62	59	50	58	66	50	48	56	47	49	45	50	43	43	52	49	46	51	52	58	56	63	63	60		51.8
Johnstown 1	Maximum	84	83	70	78	84	83	87	77	85	94	96	87	81	76	64	76	81	65	76	80	78	83	83	85	81	81	93	84	93	93		82.0
	Minimum	41	55	52	42	48	63	63	64	58	56	66	70	59	66	57	55	50	57	47	46	47	50	59	57	59	60	60	62	65			56.0
Kane 1-1 N	Maximum	73	62	64	75	81	80	69	72	81	88	88	67	80	70	60	67	70	69	68	74	74	78	81	81	74	78	85	80	87	86		75.4
	Minimum	35	54	36	30	42	53	56	47	41	48	58	46	42	52	46	49	32	38	32	33	36	36	37	47	46	48	48	50	50	60		44.0
Lancaster	Maximum	76	77	77	75	71	87	81	69	83	86	91	90	86	78	76	74	79	76	76	78	77	84	85	82	83	83	88	85	85	88		80.9
	Minimum	50	53	59	42	42	53	64	55	54	58	64	62	61	62	52	53	50	59	50	47	53	46	50	49	50	55	59	61	64	66		55.0
Lawrenceville	Maximum	73	76	69	74	79	84	78	73	78	90	95	85	77	76	68	73	75	73	68	74	77	83	87	82	80	79	87	87	91	87		79.3
	Minimum	40	57	48	39	47	58	62	58	54	56	68	62	48	59	52	52	43	54	43	43	48	45	48	55	55	54	55	60	60	62		52.8
Lebanon	Maximum	78	80	72	74	74	87	79	61	82	89	93	88	73	80	76	72	78	72	74	79	75	83	88	80	82	80	89	80	89	90		79.9
	Minimum	49	55	63	48	46	57	65	55	57	61	68	60	63	60	53	56	50	58	50	49	53	52	53	53	53	58	58	65	71	67		57.1
Lewistown 2-2 SW	Maximum	82	83	73	74	79	87	78	67	84	90	98	91	72	82	73	77	78	72	76	80	76	82	87	85	83	85	90	78	90	88		81.2
	Minimum	42	44	57	41	46	55	60	59	59	61	61	67	56	57	52	56	48	49	48	47	47	50	50	52	59	57	60	61	64	64		54.3
Lock Haven[6]	Maximum	83	81	72	75	81	85	71	68	85	94	95	89	78	82	72	75	80	72	71	80	78	84	88	81	82	82	90	81	91	88		81.2
	Minimum	42	58	54	40	47	57	62	59	55	59	68	65	53	59	53	56	45	56	48	46	52	50	51	57	57	58	59	62	62	65		55.2
Marcus Hook	Maximum	77	81	81	79	75	91	84	66	82	88	94	97	76	84	83	77	85	70	83	85	75	83	83	79	88	86	91	88	89	92		83.1
	Minimum	51	61	67	53	52	58	64	57	57	60	66	71	65	64	61	59	59	64	58	60	59	56	56	54	61	67	69	69	70	70		61.3
Martinsburg[1]	Maximum	80	78	67	73	76	78	82	71	80	90	90	84	70	75	68	68	74	68	72	74	71	77	83	77	76	77	86	75	85	85		76.8
	Minimum	43	58	49	40	54	60	62	58	57	57	67	63	55	55	53	52	45	51	46	43	50	45	50	56	59	61	57	60	59	63		54.3
Meadville 4-1 S	Maximum	71	65	62	75	82	80	71	76	82	89	87	62	87	68	59	71	72	71	69	76	78	80	84	83	76	79	84	85	88	85		76.6
	Minimum	42	55	47	38	49	60	63	60	52	57	67	50	48	57	46	50	42	48	40	40	47	45	46	51	54	55	54	59	61	64		51.6
Mercer[1-2.5 NE	Maximum	73	66	62	72	81	78	71	75	80	78	86	66	85	69	61	68	72	69	68	74	76	76	82	80	75	76	82	83	85	80		75.0
	Minimum	46	49	41	37	52	64	62	55	54	61	64	56	50	54	50	46	42	48	42	47	51	51	48	53	54	58	56	62	63	65		52.4
Middletown[1-1.5 W	Maximum	79	80	71	73	74	86	79	64	82	90	94	86	72	77	75	70	79	72	74	78	74	82	85	80	82	79	90	78	90	90		79.5
	Minimum	51	61	62	44	52	57	56	55	57	64	69	67	61	63	58	60	53	56	53	52	54	51	53	57	59	60	61	66	67	69		58.3
Midland[6]	Maximum	80	74	67	70	84	86	84	78	82	90	90	78	88	76	66	70	74	68	70	75	78	78	84	81	78	81	85	85	90	83		79.1
	Minimum	46	59	50	42	53	60	64	62	57	61	64	52	58	51	54	54	49	56	46	47	50	52	50	54	58	60	61	64	65	69		55.7
Montrose 3 E	Maximum	76	70	58	70	71	82	63	55	73	84	89	71	70	72	64	66	70	68	65	71	75	79	84	69	75	73	81	83	85	86		73 3
	Minimum	44	48	48	39	41	48	55	51	48	48	60	58	45	50	51	50	47	51	45	47	50	49	52	53	53	55	58	62	62	64		51.2
Mt. Pocono[1-2 N	Maximum	71	71	63	68	67	80	62	53	73	82	88	78	68	70	64	63	69	64	65	70	69	76	79	65	73	75	81	80	82	82		71.7
	Minimum	45	55	44	38	40	52	49	48	48	52	65	52	48	49	49	45	42	50	44	48	49	47	49	47	51	56	56	58	60	64		50.0
New Bloomfield	Maximum	80	79	78	73	87	84	74	60	82	89	93	86	71	75	73	74	77	70	73	79	75	82	85	83	78	83	90	85	89	87		§79.6
	Minimum	41	57	58	40	63	70	57	54	57	57	69	60	55	67	66	55	45	46	46	44	48	46	47	55	56	55	55	60	63	63		§55 2
Newburg[1-3.5 NW	Maximum																																
	Minimum	42	50	35	36	41	54	48	54	53	62	58	56	54	50	42	42	38	44	44	36	42	40	43	48	48	49	50	53	53	57		47.5
New Castle[6-1.5 N	Maximum	78	70	66	75	85	79	76	79	85	92	90	71	88	72	63	72	75	72	71	77	83	94	85	82	79	81	87	87	90	83		79.6
	Minimum	45	56	47	39	50	61	63	53	53	60	66	52	50	58	51	51	44	50	41	42	48	50	47	52	54	59	57	62	62	67		53.1
Palmerton[1]	Maximum	76	76	67	70	72	84	68	57	80	85	89	85	69	76	72	71	75	69	71	74	72	81	84	70	79	79	88	83	86	86		76.5
	Minimum	50	58	50	42	48	56	54	53	53	55	66	59	57	56	54	52	49	56	51	46	52	48	53	50	55	57	58	60	66	68		54 2
Park Place[1-1 NW	Maximum	72	72	65	65	68	82	65	56	71	84	87	78	64	69	64	66	70	64	66	71	66	76	79	72	75	73	81	79	81	81		72.2
	Minimum	46	56	44	39	43	52	53	48	51	60	66	55	50	49	49	48	48	52	49	48	48	51	53	51	52	60	60	63	63	64		52.8
Phila. Arpt.[1-7 SW	Maximum	78	80	76	75	73	87	75	63	82	86	93	93	73	81	79	73	78	67	76	76	72	80	81	73	84	83	89	86	87	86		79.6
	Minimum	55	60	58	52	49	58	56	56	57	65	65	71	62	62	63	58	58	60	57	56	56	53	57	52	59	63	69	67	71	69		59.8
Philadelphia C.O.[1]	Maximum	76	78	74	72	72	84	74	61	81	85	93	91	72	80	77	71	77	68	76	77	72	81	81	71	82	82	89	85	85	86		78.4
	Minimum	56	61	60	54	52	57	55	55	56	66	67	72	62	62	65	61	59	61	58	59	58	58	60	57	60	67	68	70	70	70		61.2
Phila. Shawmont	Maximum	78	79	77	75	76	86	79	60	80	85	92	93	88	82	77	77	78	74	75	74	71	81	80	80	83	83	89	88	87	88		80.5
	Minimum	64	60	62	48	45	58	59	55	55	60	65	67	63	62	70	54	52	60	58	51	50	63	54	49	54	60	67	65	70	67		58.9
Philipsburg[1-7 E	Maximum	78	74	67	68	74	78	72	70	78	85	89	79	68	70	62	67	71	65	68	71	69	75	79	77	75	74	82	74	81	82		74.1
	Minimum	32	58	44	29	49	61	60	46	42	53	64	53	50	52	45	46	34	49	36	34	43	38	42	50	50	52	46	54	52	62		47.5
Phoenixville-1.5 SE	Maximum	77	78	77	74	74	91	85	76	83	88	95	95	73	85	84	82	82	85	83	85	85	86	83	77	87	81	90	87	88	87		§83.4
	Minimum	49	54	63	42	41	56	60	56	53	58	65	65	63	61	58	66	50	60	55	47	54	46	53	47	57	56	65	63	69	67		§56.6
Pittsburgh Arpt.[1-7.5 SE	Maximum	80	78	69	77	84	77	85	71	81	91	90	80	89	72	66	70	74	67	71	74	76	76	83	81	78	80	86	80	90	87		79.0
	Minimum	49	61	48	45	57	63	62	61	59	64	71	61	57	57	55	52	52	54	52	50	53	55	58	60	61	61	65	65	64	69		58.0
Pittsburgh City Office[1]	Maximum	80	79	70	77	85	80	85	78	84	92	93	80	89	75	67	72	77	71	73	77	78	79	84	84	79	83	87	83	91	90		80.7
	Minimum	51	63	51	48	61	64	64	62	61	64	75	63	60	60	57	55	56	56	52	53	54	56	56	62	64	65	66	69	66	72		60.2
Port Clinton	Maximum	76	75	70	72	70	88	70	60	82	85	88	86	68	67	72	71	77	69	72	77	70	82	85	78	80	80	87	84	86	90		77.1
	Minimum	47	46	68	41	41	52	57	53	53	55	62	62	58	57	52	53	47	55	49	44	50	47	50	49	53	54	55	59	64	66		53.1
Putneyville/-2.5 SE	Maximum	77	77	71	77	82	81	77	77	81	89	89	77	82	71	65	71	76	71	71	76	76	70	85	83	77	77	84	81	89	89		78.3
	Minimum	39	46	47	34	41	56	59	58	50	52	57	55	50	55	48	48	40	44	37	39	45	43	43	52	51	54	54	56	57	60		49.0
Quakertown-0.5 E	Maximum	75	77	75	78	76	86	78	58	77	86	91	87	82	79	74	72	75	73	72	75	74	80	82	73	81	81	87	87	88	88		78 8
	Minimum	45	58	57	42	40	53	56	52	52	55	62	63	58	59	55	53	48	57	53	45	51	45	52	47	55	54	58	60	66	67		53.8
Reading[1]	Maximum	76	78	73	72	75	89	74	63	82	89	94	89	71	80	76	72	78	70	75	78	73	83	86	79	83	82	89	85	87	90		79.7
	Minimum	55	64	54	49	49	60	55	54	57	63	69	66	58	58	59	59	57	59	55	53	56	54	56	55	58	62	64	69	69	70		58.9
Ridgway	Maximum	76	76	70	77	84	81	69	76	83	90	90	75	80	73	62	72	75	73	73	77	77	80	85	84	78	80	86	87	88	92		78.6
	Minimum	35	43	48	34	38	55	57	59	48	49	55	51	46	58	47	50	32	40	36	40	41	43	44	51	49	50	53	55	60	60		47.6
Scranton[1]	Maximum	76	80	71	74	76	86	68	60	76	90	95	77	74	77	68	69	73	70	67	73	74	80	82	73	77	81	85	89	91	88		77.3
	Minimum	47	64	50	44	51	59	60	54	54	56	69	59	53	56	56	54	49	57	49	48	55	51	53	58	57	60	57	61	66	70		55.7
Selinsgrove	Maximum	76	76	74	72	74	88	75	65	79	87	90	86	85	75	78	76	75	70	73	77	74	82	85	79	80	80	86	83	88	88		79.2
	Minimum	46	59	55	39	52	70	65	63	62	59	68	63	55	59	52	50	47	47	48	44	44	48	51	55	57	55	57	62	62	69		55 1
Shippensburg	Maximum	79	80	75	74	77	85	85	77	84	92	95	91	91	76	75	74	78	77	77	79	80	83	85	80	81	81	89	87	90	89		82 2
	Minimum	44	55	57	43	47	57	64	55	58	60	66	66	60	62	56	55	60	50	50	47	52	48	50	56	59	58	58	62	64	66		56.2
Somerset	Maximum	77	75	77	72	79	78	82	71	79	88	86	83	78	71	65	67	70	67	69	73	71	73	80	78	77	76	82	81	87	84		76.5
	Minimum	33	48	46	33	41	61	60	57	53	48	59	62	54	61	48	44	47	52	40	40	39	37	39	53	50	51	52	54	53	58		49.2
Springs[6-1 SW	Maximum	80	77	62	70	78	85	80	71	77	85	85	82	71	70	64	62	68	61	68	69	66	70	75	73	71	73	81	72	82	80		73.3
	Minimum	36	49	46	36	41	56	59	58	47	52	60	61	54	59	50	48	50	51	42	43	40	44	42	52	49	52	52	54	55	59		49 9
State College[1]	Maximum	81	80	69	72	76	80	73	71	80	88	93	83	71	78	66	70	75	66	72	77	73	79	84	86	77	77	87	78	88	86		77.9
	Minimum	45	64	51	42	53	63	61	58	52	60	71	58	53	57	52	53	48	54	48	46	52	50	54	56	56	61	56	62	60	66		55.4
Stroudsburg-2 E	Maximum	79	79	77	74	76	87	85	58	80	88	91	94	88	73	74	75	78	80	75	76	75	80	87	79	81	85	87	86	89	88		§80 8
	Minimum	41	65	55	41	41	55	57	53	53	63	66	53	52	53	50	46	56	48	48	54	52	54	48	55	56	57	57	60	64	67		§53 5
Tamarack/-2 S	Maximum	70	73	63	69	75	77	63	68	77	85	87	76	68	67	60	66	71	67	66	69	68	74	79	73	75	74	83	75	83	82		72.8
	Minimum	40	50	45	40	46	49	57	58	50	52	60	58	46	47	48	42	45	43	45	49	51	54	52	52	51	58	59	57	62	62		50 6
Tionesta/-1.5 SE	Maximum	76	68	66	80	83	78	75	80	81	89	89	73	82	72	61	68	71	72	69	76	80	83	90	84	76	85	85	82	87	86		78 2
	Minimum	40	43	48	38	38	60	59	50	52	60	59	54	49	51	50	46	47	48	42	45	43	45	49	51	54	52	52	54	58	55		51 2
Titusville-2 S	Maximum	72	70	64	72	80	77	69	74	81	85	85	71	79	74	63	66	71	67	69	75	74	78	81	81	73	75	83	81	83	82		75 2
	Minimum	46	58	46	30	51	63	60	59	46	59	62	49	42	58	48	49	38	49	39	37	41	43	44	51	53	57	50	59	60	65		50 5
Towanda-1 E	Maximum	76	77	72	72	78	85	74	66	78	89	94	81	76	77	68	71	76	73	71	75	77	82	86	75	80	78	86	90	91	88		78 7
	Minimum	39	61	47	36	45	56	62	55	53	54	70	56	48	55	55	54	44	55	45	43	46	46	50	52	56	57	55	57	61	63		52 4
Tunkhannock/	Maximum	76	76	65	74	76	87	67	61	77	88	93	77	74	77	71	73	75	73	70	75	76	83	86	74	79	80	86	89	91	90		§77 9
	Minimum	44	59	49	37	48	57	61	53	53	52	68	63	48	54	54	51	45	50	44	47	49	47	50	50	55	54	55	57	61	67		§52 7
Uniontown	Maximum	83	80	77	81	84	82	87	77	84	91	91	87	90	74	72	68	76	71	72	78	82	81	85	79	78	80	88	83	91	87		81 3
	Minimum	44	60	51	43	54	70	64	63	55	59	71	69	62	68	55	55	55	58	51	48	50	50	49	61	60	61	60	64	62	68		58.0

Continued on page 48.

Daily Temperatures for June 1947—Continued from page 47.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum	80	78	72	65	81	75	68	75	82	92	91	78	89	76	68	71	76	68	72	76	77	86	85	78	79	87	84	89	88	88	...	§79.1
	Minimum	42	58	54	48	43	65	64	61	57	58	65	62	58	60	58	54	48	52	44	45	47	49	58	59	61	60	60	62	68	71	....	§56.4
Warren	Maximum	79	67	65	79	85	85	80	74	84	93	93	70	84	76	62	73	76	74	71	76	82	84	87	84	82	82	90	90	90	89	....	80.2
	Minimum	42	57	44	38	51	59	60	57	50	55	65	52	47	53	49	50	40	50	42	43	45	46	47	49	52	56	54	58	57	67	....	51.2
Waynesburg	Maximum	84	80	71	78	85	83	86	75	83	91	90	83	90	88	69	68	74	70	72	78	79	78	82	78	78	81	86	85	89	88	....	80.7
	Minimum	36	51	49	39	43	61	61	62	54	54	61	62	55	68	52	53	45	55	44	42	43	43	41	48	48	60	53	58	60	65	....	52.2
Wellsboro/	Maximum	76	75	65	74	77	87	70	70	80	92	91	77	73	79	65	71	77	71	70	76	75	81	86	82	78	78	87	85	90	88	...	78.2
	Minimum	36	44	47	33	36	50	56	56	49	53	55	60	45	48	49	51	37	44	39	38	42	42	44	47	51	50	51	54	56	59	.	47.4
Wellsville	Maximum	78	78	76	71	74	86	80	70	80	87	92	88	84	77	75	71	76	74	74	76	75	78	82	78	80	79	86	78	86	87	...	79.2
	Minimum	44	53	61	42	43	43	64	55	57	58	65	63	62	64	50	55	47	59	48	46	52	46	48	55	58	54	56	60	65	64	....	54.6
West Chester	Maximum	78	79	75	74	74	87	77	61	83	88	93	89	82	83	77	71	78	74	75	78	74	81	82	78	82	78	89	88	88	87	....	80.1
	Minimum	49	54	59	48	44	53	58	54	54	61	64	66	60	59	56	53	52	59	54	51	53	51	51	55	56	59	65	65	67	66	....	56.6
Wilkes-Barre Arpt. 1-3N.	Maximum	79	77	69	73	75	84	65	60	78	90	95	79	73	76	70	70	74	70	69	73	75	81	82	74	77	80	86	87	88	89	....	77.3
	Minimum	51	61	48	42	49	58	54	53	53	57	69	57	51	55	56	55	48	56	48	46	54	49	51	52	56	50	56	62	65	70	...	54.7
Williamsport Arpt.[1]-4 E	Maximum	77	75	70	71	75	82	69	62	80	89	93	84	71	77	68	73	77	71	72	77	74	83	87	81	79	80	87	84	89	86	.	78.1
	Minimum	43	64	45	39	54	56	59	57	55	55	69	58	52	59	54	52	45	54	50	44	48	50	51	56	59	57	59	62	62	66	....	54.5
Williamstown	Maximum	78	78	74	73	74	85	75	75	79	88	93	85	85	77	74	70	76	75	72	76	73	80	83	79	79	79	86	86	86	88	....	79.4
	Minimum	45	57	55	41	43	54	53	64	53	57	65	61	56	58	48	55	44	55	46	42	49	44	46	50	53	53	54	60	64	66	....	53.0
York-3 SW	Maximum	80	81	80	75	76	88	82	76	85	92	96	93	83	80	79	79	79	80	77	80	80	85	86	81	84	83	91	88	93	92	....	83.5
	Minimum	52	60	62	42	44	57	66	58	59	60	67	66	63	65	52	55	49	61	48	45	54	47	48	53	59	57	61	65	66	66	...	56.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.40	22	29.65	14	7.3	22	sw.	11	80	66	72	61	73
Harrisburg	30.36	22	29.66	14	6.9	36	sw.	11	79	54	65	62	21
Philadelphia	30.36	22	29.67	14	7.8	22	sw.	2	82	57	68	57	15
Philipsburg	30.41	22	29.65	14	.....	36*	sw.	30	85	60	71	.....	159
Pittsburgh	30.36	22	29.64	14	9.1	26	nw.	11	81	55	62	51	36
Reading	30.36	21	29.68	14	9.5	43	e	7	76	.....	.....	60	20
Scranton	30.40	22	29.64	14	6.0	19	n.	3	77	54†	....	52	50

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.4	4.2	1†	2.4	30	18
Easton	Delaware	4.3	6.4	1	2.6	30	22
Lehighton	Lehigh	4.0	4.8	8	3.2	30	9
Reading	Schuylkill	5.7	8.8	9	4.4	28	13
Wilkes-Barre	N. Br. Susquehanna	6.7	15.7	5	3.6	30	22
Williamsport	W. Br. Susquehanna	3.9	8.0	9	1.4	30	20
Newport	Juniata	4.4	6.7	9	3.6	28	22
Harrisburg	Susquehanna	4.9	6.7	5	3.8	30	17
Schenley, (nr) Lock No. 5.	Allegheny	15.6	21.7	8	12.3	30	24
Sutersville	Youghiogheny	4.4	10.9	9	2.9	28	20
Charleroi (nr.), Lock No. 4	Monongahela	12.7	19.3	9	11.0	25	30
Pittsburgh	Ohio	*	19.2	8	*	.....	25
Midland, Dam No. 7	Ohio	*	26.8	8	*	.....	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																									1						
Fog, heavy			5			6	6	7	3	3			6			3		6		3						5		7	3	
Frost, killing																															
Glaze																															
Hail						1	5			2	1													1	1						
Rain, heavy					1		9			2			1						1												
Sleet																															
Snow, heavy																															
Thunderstorms	1	2	2	4		6	3	0	4	5	2	4			2	4		7	2	2	1		2			8		8	1	6	1	3		9	
Winds, high	3	3	8				8	1	1			9			5	7	3										3							

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T, Trace (0.005 inch or less).

[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.

Italics, data interpolated.

§ Partly interpolated.

§§ Incomplete.

† And other dates.

†† Daily amounts inconsistent.

‡ Received too late to be included in means and summaries.

* Included in next measurement.

// Windshield on gage.

/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

(W. B. O., Philadelphia—9-22-47—1100)

NOV 4 1947
UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LII. JULY 1947. No. 7.

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GENERAL SUMMARY.

This was the coolest July in 53 years, except for the year 1920, when this month's mean temperature was equaled. It was also the wettest July in 51 years. Some of the rainfalls were exceptionally heavy, and although there were no floods on the main rivers, caused considerable distress and much property damage through local flooding. Cloudiness was above normal, with the number of cloudy days being nearly double the normal. Warm spells of brief duration occurred about the 1st and 30th, when temperatures of 90° and above were general. A cool period with temperatures in the 40's occurred about the 24th.

Measurable rainfall occurred on 16 days, the greatest number of record. The average is 11 days. Thunderstorms were also frequent; a thunderstorm occurred somewhere in the State on all but four days. There were two main periods of heavy precipitation, the 7th and 16th. The former was the result of frontal action, while the latter occurred in convergence induced in a low pressure area. The heaviest recorded rainfall, however, was on the 22d and 23d at Erie. On that day the air moving southward over Lake Erie was unstable and of high moisture content, and it is believed that the 10° warmer lake and the upslope of the south shore were sufficient trigger action to start the convective process that caused the heavy rainfall. The official recorded maximum rainfall at the Weather Bureau station at Erie was as follows: 5 minutes, 0.63 inch; 10 minutes, 1.09 inches; 30 minutes, 2.02; 1 hour, 2.97; 3 hours, 6.32; 24 hours, 10.41. Unofficial measurements by Weather Bureau field investigators disclosed that at least 20 inches fell in parts of Erie. However, at Port Erie Airport, only 3.70 inches fell.

The heavy rainfall at Erie caused considerable flooding in low areas of the city, where 66 persons were evacuated by the Coast Guard and Red Cross, assisted by the Police and Fire Departments. There were no casualties and no serious injuries as a result of the rain. Engine rooms of many manufacturing plants were flooded and basements of houses and warehouses flooded generally in the downtown and eastern city areas. Damage was conservatively estimated at $250,000.

Lightning, wind and hail caused their fair share of trouble. At Hawley, on the 1st, a lightning storm caused damage to buildings and trees. At Corry, a gasoline station was struck by lightning on the 11th, while on the 14th, at Derry, some trees were ripped up and damage caused to gardens. Some hailstones the size of half dollars fell on the 14th in the vicinity of Scranton. At Franklin on the 16th a young man was killed by lightning while driving a tractor. On the 29th at Liverpool and vicinity, hail, wind, and rain caused extensive damage to crops and gardens, broke windows, uprooted trees and unroofed buildings. Hailstones of one inch diameter were reported.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 85 stations was 69.5°, which is 2.6° below the 60-year normal for July. The highest monthly mean was 77.8° at Marcus Hook, and the lowest was 63.2° at Springs. Extremes ranged from a maximum of 100° at Marcus Hook on the 30th, to a minimum of 38° at Kane and Phillipsburg on the 24th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 214 stations, was 6.23 inches, which is 1.92 inches above the 60-year normal for July. The greatest monthly amount was 19.81 inches at Park Place, while the least was 1.57 inches at Farrell. The greatest amount recorded in any 24 consecutive hours was 10.42 inches at Erie, on the 22d and 23d.

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	69.2	97	38	3.45		8	15	10	6
1889	71.6	96	39	6.80		13	12	10	9
1890	70.7	101	33	3.52		8	13	11	7
1891	67.8	97	34	6.32		13	11	10	10
1892	73.1	103	38	3.93		10	15	11	5
1893	72.1	102	36	3.15		10	15	12	4
1894	73.8	103	31	2.32		7	15	11	5
1895	69.1	102	34	3.24		9	12	12	7
1896	72.8	98	40	6.89		14	10	11	10
1897	73.4	103	41	6.26		14	10	11	10
1898	74.8	107	33	3.36		9	12	12	7
1899	72.3	101	35	3.91		10	12	11	8
1900	74.0	104	35	4.86		11	14	12	5
1901	76.4	107	45	3.88		11	10	13	8
1902	71.8	99	41	6.04		15	10	12	9
1903	71.2	98	35	5.36		12	13	12	6
1904	70.6	99	34	4.68		13	12	11	8
1905	72.6	99	39	4.87		15	10	12	9
1906	71.3	95	38	4.31		10	12	13	6
1907	71.5	96	34	3.84		10	15	12	4
1908	73.9	104	39	4.81		11	14	12	5
1909	69.7	98	34	2.14		7	16	11	4
1910	72.8	99	41	2.42		7	16	11	4
1911	73.7	105	36	2.81		8	16	11	4
1912	71.3	100	36	5.29		11	12	11	8
1913	71.8	101	40	4.16		11	15	10	6
1914	71.3	101	38	4.19		12	12	11	8
1915	70.7	98	40	5.28		15	10	13	8
1916	74.3	98	37	4.45		10	14	10	7
1917	72.1	105	40	4.33		13	12	12	7
1918	70.1	99	35	3.05		9	16	10	5
1919	72.6	104	34	5.90		11	16	8	7
1920	69.5	96	33	4.37		11	15	10	6
1921	75.9	104	45	4.13		10	15	11	5
1922	71.9	98	38	3.68		9	14	10	7
1923	71.0	100	32	4.24		11	15	9	7
1924	69.7	97	31	3.42		9	17	10	4
1925	70.5	101	32	5.57		12	13	11	7
1926	71.8	105	35	3.82		10	15	9	7
1927	71.7	100	29	4.97		12	14	11	6
1928	72.8	96	40	5.44		13	16	9	6
1929	71.8	99	33	2.81		8	18	9	4
1930	73.0	106	33	2.23		7	19	8	4
1931	75.2	105	39	5.28		12	15	10	6
1932	72.0	100	36	3.39		10	16	10	5
1933	72.5	104	35	4.26		8	17	9	5
1934	75.5	107	40	4.01		9	17	10	4
1935	75.0	104	42	5.63		12	15	10	6
1936	73.5	111	37	2.88		8	18	9	4
1937	72.4	101	37	4.47		12	14	10	7
1938	73.2	100	40	4.81		12	13	10	8
1939	71.7	100	36	3.12		9	14	11	6
1940	72.3	105	33	3.25		10	15	10	6
1941	73.1	104	29	5.11		12	11	11	9
1942	72.5	102	35	5.16		13	11	12	8
1943	72.6	100	31	4.47		12	12	12	7
1944	72.2	100	37	2.39		8	15	12	4
1945	70.4	103	32	5.75		14	8	10	13
1946	70.7	101	34	4.05		9	16	9	6
1947	69.5	100	38	6.23		16	8	12	11
Period	72.1	111	29	4.31		11	14	11	6

Climatological Data for July 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 9.4 NE	Lehigh	384	6	73.0	−1.2	93	1	51	24	4.93	+0.32	2.12	7-8	0	18	8	10	13	sw.	U.S. Weather Bureau.
Altoona-4.5 W	Blair	1,500	61	68.4	−2.5	90	1	48	3†	5.38	+1.44	1.47	16	0	16	13	17	1	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	5	69.8§	.....	95	3	42	24	4.33	.....	1.12	7	0	15	14	6	11	sw.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	7	67.4	.....	86	30	47	23	6.84	.....	1.30	6-7	0	23	12	6	13	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	72.9	−2.1	93	1†	50	23	4.98	+1.08	2.07	16-17	0	16	16	9	6	nw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	51	71.0	−3.8	92	30	47	23	5.61	+1.85	1.44	1	0	17	15	12	4	s.	Charles A. Bender.
Coatesville	Chester	431	59	72.4	−2.5	93	30	48	24	4.76	+0.10	3.12	7-8	0	13	14	5	12	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	4	64.6	.....	85	1	43	3	4.47	.....	1.20	7	0	13	1	10	20	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	5	65.0	.....	81	1	46	23†	9.62	+4.24	1.82	21-22	0	18	7	13	11	s.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	9	67.9	.....	87	30	48	23	7.55	+3.50	4.20	16	0	14	4	14	13	w.	U. S. Weather Bureau.
Emporium 1 E	Cameron	1,100	60	68.2	−1.6	89	30	43	3†	5.87	+1.48	1.02	6-7	0	20	6	3	22	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	49	74.2§	−0.8	94	1	52	23	5.85	+1.21	1.40	14	0	14	7	16	8	w.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	24	69.6	−2.1	94	30	49	3†	5.12	+1.21	1.35	6-7	0	13	2	17	12	e.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	53	68.0	−1.1	87	1	46	23	15.32	+10.11	5.86	7 8	0	23	1	1	29	sw.	Andrew B. Evansha.
George School	Bucks	184	40	72.8	−1.5	91	30	52	24	3.24	−1.39	0.84	9	0	10	16	9	6	sw.	George M. Hart.
Gettysburg	Adams	553	73	72.1	−2.5	90	30	53	8†	5.43	+1.61	1.85	1	0	15	14	13	4	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	69.0	−1.6	91	1†	45	3†	11.44	+6.53	2.74	7-8	0	16	10	4	17	w.	Miss Sallie M. Johnson.
Hanover	York	600	42	73.4	−2.4	92	1†	52	23	4.95	+0.59	2.36	21-22	0	14	12	13	6	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	77	73.4	−1.4	92	30	54	23	5.46	+1.63	2.03	16-17	0	15	5	9	17	w.	U. S. Weather Bureau.
Hawley 0.5 E	Wayne	980	36	69.6	−0.8	93	30	45	24	12.94	+8 69	4.29	16-17	0	16	11	15	5	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	31	74.4	−2.7	91	30	56	24	4.13	+0.20	1.66	7	0	18	9	10	12	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	69.9	−2.6	92	30	46	24	5.48	+1 55	1.72	16	0	14	4	12	15	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	59	71.9	−2.3	93	30	48	24	2.88	−1.53	0.69	6-7	0	15	15	13	3	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	49	69.4	−1.2	92	30	47	24	4.69	+0.61	1.30	7	0	16	4	23	4	.....	Carlos P. Darling.
Lebanon	Lebanon	469	62	72.8	−1.4	93	1†	50	23	8.00	+3.55	1.95	7-8	0	16	19	11	1	sw.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	8	72.1	.....	96	1	50	24†	6.39	.....	2.67	7	0	14	8	9	14	w.	American Viscose Co.
Lock Haven	Clinton	557	55	71.7	−1.8	92	30	47	23	7.36	+3.29	1 08	1 2	0	17	6	15	10	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	77.8	−1.2	100	30	59	23	3 31	−0.92	1.53	18-19	0	12	6	9	16	s.	Sun Oil Co.
Martinsburg[8]	Blair	1,493	4	68 0	.....	88	1	49	23	6.02	.....	1 40	7	0	15	1	15	15	w.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	41	67.4	−0.9	86	1†	47	24	7.03	+2.98	2.07	7 8	0	22	8	6	17	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	5	65.8	0.0	85	30	47	23†	12.52	+7.38	3.50	16-17	0	17	4	13	14	s.	U. S. Weather Bureau.
Palmerton	Carbon	455	28	70.9	−2.4	90	1†	49	24	9.87	+5.21	2.67	7-8	0	18	11	13	7	sw.	New Jersey Zinc Co.
Philadelphia C. O	Philadelphia	26	76	76.0	−0.2	92	30	61	23	2.49	−1.66	0.71	19	0	9	11	6	14	s.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	4	63.8	.....	86	30	38	24	5.91	.....	1.63	6-7	0	18	1	16	14	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	37	76.0§	+0 2	96	30	47	23	2.77	−2.09	0.72	9-10	0	11	17	11	3	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	8	69 8	−3.6	92	1†	47	24	10.59	+5.69	4.40	7-8	0	17	18	2	11	.....	Earl E. Karick.
Quakertown 0.5 E	Bucks	480	61	71.2	−1.5	90	1†	46	24	3.52	−1.42	1.00	7-8	0	16	11	15	5	w.	John E. Benner.
Reading	Berks	273	76	74.8	−0.4	94	30	55	24	6.66	+2.40	3.10	17	0	13	9	9	13	s.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	70 8	−0.9	90	1	50	24	9.70	+5.67	3.21	7-8	0	20	3	17	11	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	56	71.2	−2.2	92	1	47	23	5.98	+1 94	1.16	27-28	0	16	4	17	10	w.	Dr. Merle V. Hoover
State College	Centre	1,217	61	69.8	−1 2	88	30	49	23	3.04	−0.81	1.00	27-28	0	14	1	16	14	s.	Penna. State College.
Stroudsburg 2 E	Monroe	440	27	72.2§	+0.2	93	1†	47	24	7.93§	+2.81	2.99	7-8	0	16	13	15	3	nw.	Metropolitan Edison Co.
Tamarack 2 S	Clinton	2,250	6	65.8	.....	86	27	45	24	6 98	.....	1.18	6-7	0	17	3	11	17	w.	James E. Swartz.
Towanda-1 E	Bradford	754	52	70.2	−0.4	91	30	45	24	6.82	+3.11	1.30	21-22	0	21	1	19	11	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	76	67.4	−1.4	90	30	41	24	6.80	+3.16	1.65	7	0	24	6	13	12	w.	M. S. Bliss.
West Chester	Chester	440	97	73.8	−0.6	92	30	53	24	5.04	+0.27	2.66	15-16	0	12	13	12	6	sw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N	Luzerne	544	8	70.4	.....	90	1	51	24	11.28	.....	4.34	7-8	0	20	1	15	15	sw.	U. S. Weather Bureau.
Williamsport Apt. 4E	Lycoming	520	2	70.4	.....	90	1†	50	3†	7.79	.....	1.66	21-22	0	21	1	13	17	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	30	70.8§	−1.8	91	1	45	24	10.55	+5.56	4.14	21-22	0	17	5	21	5	.....	Gordon E. Lower.
York 3 SW	York	390	58	73.7	−1.0	95	1	47	4	4.40	+0.12	1.85	21-22	0	16	10	13	8	w.	York Water Co.
Division mean				**70.6**		**100**	**30**	**38**	**24**	**6.60**		**7.83**	**7-8**	**0**	**16**	**8**	**12**	**31**	w.	
Ohio Drainage																				
Blairsville 6 NE	Westmoreland	2,048	11	66.3	.....	86	15	48	23	7.35	+2.49	1.87	15-16	0	17	1	10	20	sw.	U. S. Weather Bureau.
Bradford 4 W	McKean	1,680	29	65.1	−3.0	85	30	40	24	6.37	+2.29	1.01	6-7	0	23	1	16	14	w.	City Water Dept.
Brookville Apt.-1.5 SW	Jefferson	1,400	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Civil Aeronautics Authority
Butler	Butler	1,077	33	69.6	−2.8	90	31	46	24	4.59	+0.35	0.95	27-28	0	15	13	11	7	nw.	Butler Eagle.
Clarion 3 SW	Clarion	1,114	36	67.2	.....	89	6†	44	3	3 86	−0 68	0.70	9-10	0	15	5	3	23	w.	Penna. Electric Co.
Claysville	Washington	1,170	43	67.0	−5.9	86	30	44	23	3 86	−0.36	0 81	6-7	0	16	8	13	10	nw.	Walter B. Paget.
Corry	Erie	1,410	32	67.6	−1.5	89	30	46	24	5.10	+1.98	0.99	14-15†	0	13	4	16	11	sw.	Geo. R. Mulderick.
Coudersport	Potter	1,653	22	65.8	−2.2	88	30	39	24	6.21§	+1.74	1.00	6-7	0	19	5	20	6	sw.	Potter Enterprise.
Derry	Westmoreland	1,150	49	69.8	−2.9	90	30	48	3	6.81	+2.22	1.85	15	0	14	7	17	7	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	63.8	.....	84	1†	40	3	9.84	.....	2.30	7	0	16	3	26	2	w.	Penna. Turnpike Comm.
Donora	Washington	761	20	72.6	−3.3	90	15	52	3†	5.92	+2.47	1.46	31	0	17	12	10	9	w.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	65.4	−2.9	84	1†	45	3	4.94	+0.82	1.85	7	0	14	4	8	19	w.	John L. McGough.
Farrell	Mercer	855	33	73.7	+0.1	91	30†	53	3	1.57	−2.02	0.88	15-16	0	7	19	7	5	sw.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	3	68.4	.....	89	1	47	3†	5.04	.....	1.10	16-17	0	15	11	5	15	w.	U.S. Engineers.
Franklin	Venango	987	72	67.8	−2.9	88	30	47	24	4.30	−0.13	0.82	14-15	0	14	16	6	9	w.	William K. Fuller
Greensburg-2 S	Westmoreland	1,160	37	67.8	−4.7	87	30	44	3†	6.34	+2.54	2.06	31	0	17	5	10	16	sw.	Westmoreland Water Co.
Indiana 2.5 SE	Indiana	1,102	45	68.2	−3.5	88	1	43	24	7.00	+2.40	1.75	15	0	17	3	25	3	nw.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	5	67.8	.....	90	30	44	3	8.51	+4.63	2.29	17-18	.....	14	.....	.....	.....	e	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	70.7	−2.3	94	1	48	24	4.36	−0.12	0.99	6-7	0	15	10	8	13	s.	Johnstown Tribune Pub. Co
Kane-4 N	McKean	1,750	31	63.4	.....	85	30	38	24	6.24	+2.07	1.73	15-16	0	19	6	2	23	nw.	Spring Water Co.
Meadville 1 S	Crawford	1,065	52	67.1	−2.6	88	30	46	3†	3.76	−0.39	0 84	13	0	16	4	12	15	sw.	City of Meadville
Midland	Beaver	780	10	69.1	−3.7	89	30	50	23	4.00	+0.33	2.02	27-28	0	13	7	13	11	nw.	Perry P. Campbell.
New Castle 1.5 N	Lawrence	900	66	68.6	−4.0	89	30	47	3†	1.96	−2.22	0.42	11	0	16	14	9	8	w.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,286	13	70 0	−3.0	88	30	50	23	4.89	+0.84	1.03	31	0	16	1	15	15	sw.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	3	66.6	.....	89	1	43	3	7.11	.....	2.06	27	0	17	10	9	12	sw.	U.S. Engineers.
Ridgway	Elk	1,385	39	67.0	−0.9	91	30	43	24	3.42	−0.83	0.91	6-7	0	16	3	4	24	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	65.4	−3.2	85	30	39	3†	7.18	+2.56	2.27	31	0	13	2	10	19	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	27	63.4	−4.0	83	1	40	24	9.23	+4.79	2.00	18 19	0	17	1	12	18	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	9	67.0	.....	88	25	46	3	5.02	+1.22	1.11	27	0	15	16	4	11	sw.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	3	65.5	.....	84	13†	43	3	5 23	.....	0.82	13-14	0	17	6	25	0	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	58	70.8	−2.6	90	1†	49	24†	6.30	+1.49	1.87	6-7	0	15	6	20	5	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	32	70.1	−3.4	90	1†	50	3†	3.79	−0.30	1.09	27-28	0	15	12	17	2	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	58	68.9	−0.9	92	30	44	24	6.00	+1.58	2.48	16	0	16	12	14	5	w.	Merrell L. Jordan.
Waynesburg	Greene	1,100	17	68.0	−5.1	94	14	41	23	7.69	+3.33	1.80	18-19	0	14	9	14	8	sw.	Mfr's Light & Heat Co.
Division mean				**67.7**		**95**	**15**	**38**	**24**	**5 57**		**3.40**	**15**	**0**	**16**	**7**	**12**	**12**	sw.	
Lake Drainage																				
Albion	Erie	900	3	67.2§	.....	88	13	46	21	5.55§	.....	1.17	6-7	0	14	.....	.....	.....	.....	Albion High School
Erie	Erie	705	73	70.4	−0.6	88	30	54	22	13.27	+10.26	10.42	22-23	0	14	6	11	14	w.	U. S. Weather Bureau.
State mean				**69.5**	**−2.6**	**100**	**30**	**38**	**24**	**6.28**	**+1.92**	**10.42**	**22-23**	**0**	**16**	**8**	**12**	**11**	w.	

[See page 56 for explanation of reference marks.]

Daily Precipitation for July 1947

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	....	1.11	.18	....	....	....	....	2.38	.08	.18	....	....	....	....	.42	.14	1.29	.07	.40	.52	....	.63	.27	....	....	....	....	.70	.02	....	.15	8.49
Equinunk[2]	Wayne	....	.85	....	....	.08	....	.01	3.10	.15	.12	....	.02	....	....	.05	.28	.53	.14	.30	.05	....	3.10	.05	....	....	....	....	.51	.02	....	.59	9.98
Hawley[2], 0.5 E	Wayne	T	.92	T.	....	T	.06	.32	3.81	.07	.11	....	.21	T.	T	.13	.17	4.29	....	.26	.25	....	1.70	.06	....	....	....	....	.38	T.	....	.20	12.94
Hollisterville[2]	Wayne	1.84	1.04	.24	....	.14	.08	.02	5.95	.19	.24	T.	.01	.53	.07	.10	.24	.65	.01	.39	.28	....	.63	.01	....	....	....	....	1.45	.09	....	.22	14.40
Lakeville[2], 1 N	Wayne	....	*	....	....	.97	....	....	2.36	.20	.03	....	....	.04	.25	.10	.07	1.70	.10	.31	1.11	....	4.00	....	....	....	....	....	.90	.03	....	.30	12.47
Matamoras[2]	Pike	....	.48	.14	....	....	.26	.28	1.53	.41	.07	....	....	....	....	.05	.73	1.92	.07	.11	....	....	.41	.22	....	....	....	....	1.32	.06	....	.09	8.48
Milanville[2]	Wayne	....	.50	....	....	....	....	.19	2.74	.08	.14	....	....	....	....	.09	.33	2.14	.04	.33	....	....	2.08	....	....	....	....	....	1.20	....	....	.31	10.20
Mount Pocono[1], 2 N	Monroe	1.09	.10	....	....	T.	.02	2.42	.70	.03	T.	T.	.08	T.	.71	.74	2.77	.75	T.	.20	....	1.21	.83	....	....	....	....	.11	.53	....	T.	.25	12.52
Pecks Pond[2]	Pike	....	.51	....	.07	....	....	.05	3.05	.03	.31	....	....	.29	.20	.60	.12	2.05	.03	.17	.02	....	1.29	....	....	....	....	....	.73	T.	....	.29	9.81
Pleasant Mount[1,3], 1 W	Wayne	.92	....	....	....	.06	.06	3.01	1.28	.03	....	....	....	....	.38	.23	.88	....	.16	.20	....	.85	.34	....	....	....	....	.03	1.06	....	.04	.90	10.55
Stroudsburg, 2 E	Monroe	....	.77	....	....	....	....	.05	2.99	.03	.10	.08	....	....	.70	.18	.29	.93	.01	.31	.55	....	.34	....	....	....	....	....	.32	....	....	.44	57.93
Tanners Falls[1, 3], 1 SE	Wayne	....	.60	....	....	.11	....	4.24	.96	.08	....	....	....	....	.31	.06	.49	.15	.12	.08	....	.60	1.59	....	....	....	....	.19	1.61	....	.01	.19	11.65
Wind Gap[1, 3], 3 SW	N'rthampton	.74	....	....	....	.06	....	1.52	1.22	.59	....	....	.20	....	.13	.18	.01	.30	.29	1.69	....	....	.19	....	....	....	....	....	.33	....	....	.03	7.48
LEHIGH																																	
Allentown Apt[1, 3, 3, 4 NE	Lehigh	.42	T.	....	.04	T.	....	1.39	.75	.36	.03	....	.01	.40	.02	15	18	.42	.12	.37	....	T	.04	....	....	....	....	....	.13	.05	T.	.01	4.93
Allentown[2]	Lehigh	....	.10	....	....	....	T.	....	1.42	.25	.04	T.	....	T.	T.	.01	.21	.64	.70	.36	07	....	.04	....	....	....	....	....	.13	.01	.02	T.	4.00
Bethlehem[1]	N'rthampton	.57	T.	....	....	.01	....	1.03	1.09	1.18	T.	T.	T.	.28	.01	.17	.09	2.82	.51	.26	....	.01	.06	....	....	....	....	....	.11	T.	.01	.02	8.26
Blakeslee Corners[1, 3]	Monroe	.66	.05	....	....	.05	10	4.43	.94	.20	....	....	.33	.14	.58	1.39	1.36	.91	.37	.20	.05	.32	.04	....	....	....	....	.26	1.29	.05	.02	.23	13.97
Gouldsboro[2]	Wayne	....	.75	....	....	.03	.05	.06	3.72	.23	.18	....	.15	....	.08	.40	.25	1.48	.07	.53	.04	....	.41	T.	....	....	....	....	.92	.06	.02	.28	9.69
Lausford[2]	Carbon	....	1.80	....	....	*	.82	4.00	.05	.52	.25	....	*	.94	2.08	.30	.90	.03	....	....	1.50	....	.40	.04	....	....	....	....	.66	....	....	....	13.79
New Tripoli	Lehigh	....	.22	T.	....	....	18	.17	2.03	.48	T.	....	.11	.12	.35	1.42	.38	.33	.01	1.74	....	.06	.06	....	....	....	....	....	.16	....	....	.03	7.85
Palmerton[1, 3]	Carbon	.37	....	....	....	.35	....	2.03	.64	T.	....	.04	.70	.49	1.85	.69	.22	.79	.01	.66	....	.27	.04	....	....	....	....	....	.46	.15	....	.08	9.87
Zionsville, 1 SW	Lehigh	....	.40	....	....	....	05	....	1.10	.15	....	....	....	....	....	.30	.50	.36	.90	....	....	....	.10	....	....	....	....	....	.35	....	....	....	4.15
SCHUYLKILL																																	
Conshohocken[2]	Montgomery	....	....	....	....	....	....	....	.35	.01	.95	.01	....	....	....	....	....	....	....	.55	36	.01	.08	....	....	....	....	....	....	....	....	....	....	2.32
Fredericksville[2], 1 S	Berks	....	11	.08	....	.12	T.	....	1.90	.06	.49	....	....	....	T	.03	.15	.49	1.08	.17	.48	....	.04	.12	....	....	....	....	.14	T	....	T.	5.46
Geigertown[2]	Berks	....	.11	.02	....	....	....	....	1.96	.12	....	....	.01	T.	.20	....	.34	.43	.23	....	....	....	.41	.11	....	....	....	....	.10	....	....	....	4.04
Gratersford[2]	Montgomery	....	.07	....	....	....	....	....	.37	.06	1.29	....	....	....	....	....	.07	.01	.08	....	.73	....	....	.64	....	....	....	....	....	....	....	....	....	3.35
Phoenixville[2], 1.5 SE	Chester	....	....	....	....	.08	....	....	.68	....	.65	.07	....	....	....	.09	.18	.41	T.	.23	.31	....	.05	....	....	....	....	....	.02	....	....	....	2.77
Port Clinton[2]	Schuylkill	....	.18	.09	....	....	....	.04	4.36	.03	.06	....	....	.04	....	2.90	.54	.42	.12	.90	39	....	.18	.03	....	....	....	....	.28	.03	....	....	10.59
Pottstown[2], 0.5 S	Montgomery	....	.08	....	....	T.	....	....	1.26	1.08	....	....	....	....	....	T	....	....	....	.12	.65	T.	T.	....	....	....	....	....	.08	....	....	....	3.27
Pottsville[2]	Schuylkill	....	.97	....	....	T.	....	*	5.25	.04	.10	.24	T.	T.	.03	1.00	.55	1.12	.50	.53	43	....	1.35	....	....	....	....	....	.42	....	....	....	12.53
Reading[1, 3]	Berks	.05	....	....	T.	T.	....	1.80	.56	.04	....	.07	....	.01	.39	....	3.10	.11	.36	....	....	.03	.04	....	....	....	....	....	.10	....	....	T.	6.66
Strausstown[2]	Berks	....	.03	.11	....	....	....	07	2.64	.05	.41	.01	.02	....	....	.80	.04	.58	.25	.83	.24	....	.60	.01	....	....	....	....	.26	T.	....	....	6.96
Virginville[2]	Berks	....	.13	....	....	....	....	....	2.85	.05	.02	T.	....	T.	....	.20	.12	.55	.11	.46	.46	....	.04	T.	....	....	....	....	.34	T	....	T.	5.36
Wernersville	Berks	....	.10	....	T	....	....	.59	.71	.08	....	.15	.07	....	.23	.38	T.	.78	.40	.43	....	.07	.10	....	....	....	....	....	.36	....	....	T.	4.45
LOWER DELAWARE																																	
Coatesville[2]	Chester	....	.01	....	....	.17	....	....	3.12	.07	.21	T.	T.	....	.04	....	.03	.08	T.	.12	.69	T.	.05	.11	....	....	....	....	....	....	.06	....	4.76
Doylestown	Bucks	....	02	.02	....	....	....	T.	.47	.30	.06	....	....	....	....	.60	T.	.94	....	.52	T.	T.	.28	....	....	....	....	....	.47	....	....	T.	3.68
George School[6]	Bucks	....	....	....	.12	....	....	.21	.43	.81	.01	....	....	....	....	T.	....	....	....	.61	....	....	.70	....	....	....	....	....	.01	.23	.08	T.	3.24
Maple Glen[7]	Montgomery	....	....	....	....	....	....	....	.32	.32	....	....	....	....	....	....	....	....	....	.50	.36	....	.18	....	....	....	....	....	.14	.45	T	....	2.27
Marcus Hook[2]	Delaware	....	.03	....	....	....	....	....	.40	.02	.08	....	....	T.	....	.56	.03	....	.42	.03	1.59	....	.08	T.	....	....	....	....	.13	.03	T	....	3.31
Philadelphia																																	
Southwest Airport, [1]	Philadelphia	.01	....	....	....	....	....	.25	T.	.20	T.	T.	T.	....	.12	T	....	.39	....	1.00	....	.08	.02	....	....	....	....	....	.05	....	T.	T	2.12
City Office[1, 3]	Philadelphia	T	....	....	....	....	....	.29	T.	.15	T.	T.	T.	....	.01	....	T.	.54	....	.71	....	.02	.12	....	....	....	....	....	.02	....	.63	T.	2.49
Shawmont	Philadelphia	....	....	....	....	....	....	T.	.12	.20	....	....	....	....	.05	T.	....	.10	....	*	1.15	T.	.10	....	....	....	....	....	.05	....	.05	....	1.82
Quakertown, 0.5 E	Bucks	....	.03	.05	....	....	.02	.05	.95	.64	.01	....	....	....	.07	....	.03	.84	.02	.43	.02	T.	.12	.19	....	....	....	....	T.	....	.05	....	3.52
West Chester	Chester	....	....	....	....	....	....	.47	.37	.04	....	.02	T	....	.10	.30	2.36	.21	....	1.02	....	.04	.03	....	....	....	....	....	.09	....	....	....	5.04
West Grove[2], 1.5 SE	Chester	....	.02	....	....	....	....	....	2.32	.09	.05	....	....	.07	....	.03	....	.70	.04	.95	.45	....	.07	....	....	....	....	....	.43	....	....	....	5.22
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	....	....	.05	.71	....	....	.61	.08	.12	....	.20	.06	.31	.07	....	T	.04	.13	.07	....	.01	.30	....	....	....	....	.16	....	....	.11	.19	3.25
Covington[2]	Tioga	....	.31	....	....	.14	....	.03	1.70	T	T.	....	.66	.55	1.20	....	T.	.33	....	.31	....	....	.12	.14	....	....	....	....	.67	....	.11	.66	6.93
Lawrenceville	Tioga	....	.38	.08	.32	....	....	1.30	.04	.03	T.	.15	.30	.03	T.	T	.15	.32	.10	.18	....	T.	.20	T.	....	....	....	....	.53	....	....	.58	4.69
NORTH BRANCH																																	
Berwick	Columbia	....	.58	.01	.58	*	.62	.32	2.90	.06	.97	.14	T.	.17	.30	.08	.22	.90	.03	.40	.15	.59	.23	....	....	....	....	....	1.54	.24	....	.31	11.34
Canton[2], 1 NW	Bradford	.03	.41	.09	.04	.27	....	.03	1.30	.07	.04	....	.52	.07	.47	.04	.05	.49	T.	.16	.05	....	.25	.07	....	....	....	....	1.24	.02	.13	.97	6.84
Danville[2]	Montour	....	.18	.12	....	.07	....	.22	.88	....	.24	....	....	.13	.22	....	.03	1.65	.04	.33	.35	....	1.05	.02	....	....	....	....	1.06	....	.02	.15	6.76
Freeland[2]	Luzerne	....	1.11	.05	....	10	.90	.43	5.86	.30	.46	.13	.02	.30	.05	1.37	.68	.10	.04	.20	.42	.02	1.24	T.	....	....	....	....	.96	.26	....	.02	15.32
Hop Bottom[2], 2 S	Susquehanna	....	.88	....	....	.27	....	.20	2.22	.21	.05	....	....	....	....	.09	1.13	.60	....	.50	....	....	1.10	T.	....	....	....	....	1.00	.07	....	.35	8.67
Millville[1, 5]	Columbia	.46	....	....	.02	.15	....	....	....	....	....	....	....	....	....	.12	1.16	.06	.19	.86	.02	.62	.55	....	....	....	....	....	.55	.31	.05	....	.98	§§
Monroeton[2], 2 S	Bradford	T	.39	.01	.08	10	.30	.08	1.30	.14	.02	.03	.08	.38	.01	T.	.06	.21	T	.17	.23	....	1.10	.07	....	....	....	....	.61	.08	.39	.60	6.44
Montrose[2], 3 E	Susquehanna	....	1.70	.07	.04	.14	....	.21	2.07	.26	.03	.02	.01	.01	.04	....	.07	.66	.04	.22	.06	....	.44	.07	....	....	....	....	.51	.03	....	.33	7.03
Orwell[2], 3 N	Bradford	....	.51	.13	.17	.10	.24	.04	1.51	.03	.02	.01	.06	.02	.94	.01	16	1.00	....	.16	.18	....	.92	10	....	....	....	....	.57	.06	.06	.40	7.40
Park Place[1], 1 NW	Schuylkill	.65	.17	....	.35	.11	.74	5.27	2.56	.36	.17	.01	.44	1.21	.29	1.04	1.53	.33	T.	.57	....	2.95	.34	....	....	....	....	.21	.36	....	....	.15	19.81
Pikes Creek[1, 5]	Luzerne	.88	.08	....	....	31	07	.95	.36	....	*	*	*	.38	....	.75	.93	.07	.73	.07	....	.39	.15	....	....	....	....	26	.42	....	.03	.26	7.09
Rush[2]	Susquehanna	....	98	.03	....	.12	....	.48	1.52	.04	.16	.15	.20	T.	.03	....	.30	.60	....	.57	08	....	.78	02	....	....	....	....	.65	.03	.02	51	7.27
Scranton[1, 5]	Lackawanna	.97	.16	....	T.	.21	....	2.12	1.09	T.	....	.06	.30	.07	01	.09	.46	.05	.10	.53	....	1.10	16	....	....	....	....	.41	1.13	....	.01	.67	9.70
Susquehanna[2]	Susquehanna	....	1.08	....	T.	.05	.02	.26	2.37	.15	.04	....	....	.25	....	.09	.18	.10	T.	.22	....	....	1.08	09	....	....	....	....	.21	.06	....	.64	6.89
Towanda, 1 E	Bradford	.45	.02	T.	.59	.43	.01	.48	.56	.12	.04	....	.22	.07	T.	T	.42	.02	.01	.42	....	29	1.01	....	....	....	....	....	.58	.34	.01	.73	6.82
Tunkhannock[2]	Wyoming	.01	.86	.05	....	....	.26	....	1.65	.15	.03	.43	....	....	.01	.23	1.65	....	....	....	.20	.34	.74	T	....	....	....	....	1.27	.07	....	.70	§8.65
Wilkes-Barre[1], 3 N	Luzerne	1.11	.05	....	....	.09	T.	3.17	1.17	.07	....	T.	.18	.12	.04	.13	.93	.08	.06	.74	T.	.47	.13	....	....	....	....	.68	1.38	....	.01	.67	11.28
WEST BRANCH																																	
Bellefonte[2]	Centre	....	.24	....	....	.15	....	.89	.47	....	.23	....	....	....	....	....	....	....	....	.15	.08	....	.05	....	....	....	....	....	1.55	....	....	.06	3.87
Carrolltown[2]	Cambria	....	.10	.06	....	T.	....	.59	.32	.05	.02	....	.22	.34	.02	.04	....	.64	.70	.35	.02	....	.21	....	....	....	....	....	.33	....	....	.08	4.09
Carter Camp[2]	Potter	.05	.05	.05	....	....	....	1.50	1.06	....	.17	.06	1.17	.21	.12	.12	....	.15	T.	.44	.05	....	.03	.04	....	....	....	....	.83	....	....	.42	6.52
Cedar Run[2]	Lycoming	1.02	.90	.05	....	.08	....	.11	1.06	....	.61	....	.94	....	.57	.25	....	.39	....	.38	....	....	.07	....	....	....	....	....	1.52	....	....	.32	8.27
Clearfield[2]	Clearfield	.02	1.28	....	....	....	....	.78	.71	....	.14	....	.03	....	.05	T.	....	.14	.39	.29	.02	....	T.	....	....	....	....	21	.28	....	....	.65	4.34
Coalport[2]	Clearfield	....	.15	....	....	....	....	.47	.44	*	....	....	.20	....	.43	.10	....	.20	.84	.35	....	....	....	....	....	....	....	....	.07	.02	....	.10	3.37
CurwensvilleApt[1] 6 NW	Clearfield	.25	T.	....	T	T.	....	1.20	T.	.01	....	1.03	T.	.26	T.	T	.14	.54	.35	T	....	.02	T	T.	....	....	....	.38	.08	....	.08	.13	4.47
Driftwood[1, 5]	Cameron	.08	.14	....	.07	....	.05	1.79	....	....	....	.39	.09	.12	.06	....	.55	.08	.33	.02	....	....	....	....	....	....	....	1.51	.09	....	.05	.81	6.23
Dushore[1, 5]	Sullivan	1.50	.28	.07	....	1.25	1.71	1.41	.14	*	*	*	*	*	.42	.55	.32	.01	.19	.36	.03	52	.59	....	....	....	....	.63	....	.49	.19	.40	11.06
Eagles Mere[2]	Sullivan	....	1.09	T.	....	T.	.21	.39	1.50	04	03	.10	.22	.48	.82	T.	.26	.62	T.	.25	.26	....	1.72	.10	....	....	....	....	1.42	T	T	.11	9.62
Emporium[2], 1 E	Cameron	.32	.24	.01	....	....	....	1.02	.21	T.	.02	.01	.80	.05	.03	.03	T.	.82	.70	.35	....	.07	.08	.16	....	....	....	.05	.78	....	....	.09	5.87
English Center[1, 5]	Lycoming	.11	.08	.03	.21	.02	.17	.71	....	.37	....	.76	....	.60	.10	....	*	....	*	.71	....	....	.04	....	....	....	....	1.07	.01	....	....	.44	5.43
Galeton	Potter	.01	....	.12	.33	....	.11	1.20	.29	.16	.39	.11	.90	.62	.02	.04	.18	.02	.03	.04	....	.10	T.	T.	....	....	....	....	.30	....	....	.14	5.14

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield	.55	.09	.11		.02	.28	.60	.94				.41	.05	40	.45		.52	.20	.27	.04		.03						.50			.10	5.56
Lock Haven[2]	Clinton	1.48	1.02	.06		.32	.01	.43	.60		.90				.18			.43		.81	.04		.05					.54	.03	.38	.08	7.36
Medix Run[1, 5]	Elk	.06	.05					1.35		.38		.12	.22				.08		.35	.03		.03	.06					1.65	.08		.03	1.60	6.09
Philipsburg[1, 5], 7 E	Centre	.29			T.		.68	1.06	T.	.24	T.	.55	.07	.01	.37	T.	1.35	.01	.11	.40		.04	.01					.45	.12		.01	.14	5.91
Renovo[2]	Clinton	.88	.10	.06		.37	.23	.23	1.45		.10	T.	.48		T.	.80		.12	.10	.35			.03	.06					1.25			T.	6.61
State College[1, 5]	Centre	.08			.08	.01	.54	.69	T.	.07	T.	T.	T.	T.	T.		.06		.34	.04		.02	.03				.72	.28		T.	.08	3.04
Tamarack[2], 2 S	Clinton	.15	.38	.23				.72	1.11	.01	.15	.05	.48	T.	T.	.96	.02	.44	T.	.94			.01	.01					.97		T.	.35	6.98
Trout Run	Lycoming	.24	*	.12	.18		.08	.74		.46				.98	.28		.78		.24			*	.18					1.78	.38			6.44
Tyrone[1, 5], 4 NE	Blair	.05			.06		.93	.47		.44		.28		.02	.40		.16		.56	.02		.03						.45	.16			.05	4.08
Wellsboro[2]	Tioga	.20	.18	.10	.12	.41	.03	.04	1.61	.03	.44	.03	.77	.54	.45	.04		.12		.72	.03		.11	.09				.03	.43	.01		.27	6.80
Williamsport Apt.[1] 4 E	Lycoming	.52	.07	T.	.12		.01	.81	.01	.07	T.	.01	.05	.71	.10	.08	.42	T.	.63	.27		1.47	.19					.94	.15	1.00	T.	.16	7.79
Williamsport[2]	Lycoming	.06	.90	.16		.10			.72		.29	.05		.08	.37	.02	.11	.62		.66	.13		.56	T.					1.17		.08	.05	6.13
Williamsport[2], 4 SE	Lycoming	.07	.54	.19		.48	.05	T.	1.29		.62	.03		.02	.64	T.	.31	.70	.04	1.11	.20		1.17	.01					1.35		80		9.62
JUNIATA																																	
Altoona, 4.5 W	Blair	.57	.03					.85	.15	.04			.34	.03			1.47	.29	.12	.27		.03	.36					.06	.23			.54	5.38
Breezewood[1], 0.5 E	Bedford	.65	.10				T.	1.12		.33	T.	.16	.22	.04			.60	.26	.05			.32	.25									.18	4.28
Buffalo Mills[2]	Bedford							.52	.98		.25							.18		.50			.30						.03				2.76
Burnt Cabins[1], 2 NE	Fulton	.68	.03		.10		.23	1.12		.25		.03		.11			.75	.06		.20		.04	.13						.05			.55	4.33
East Waterford[2], 3 E	Juniata	T.	.57			.01		.07	.40	T.	18	T.	.01	.01	.11	T	T.	4.20	.64	.12	.02		1.07					T.	.14				7.55
Everett[2], 0.5 SW	Bedford	.25	.23			.06		.17	1.18		.27		.15	.33	.40			1.28	.28	.37			.15										5.12
Huntingdon[2]	Huntingdon		.76	.02		.13		.43	.76		.12	T.	T.	T.	.06	.03		1.72	.06	.23	.01		.06					T	1.09			T.	5.48
Lewistown[2], 1 W	Mifflin	.01	.65		T.	.11		.07	2.60		.24	.05	T.		.50			.95	.04	.15	.03		.05						.94			T.	6.39
Mapleton Depot[2]	Huntingdon		.55	.03		.14		.07	1.79		.30	T.			.50			.74	.55	.17	T.		.10						.57				5.51
Martinsburg[1, 5]	Blair	.04	.08				.78	1.40	T.	.04		T.	.69	.19	T.		.93	.03	.11	.16		.15	T					.58	.28			.56	6.02
McConnellstown[2], 4NW	Huntingdon	.01	.25	.03		.09		.51	.74		.12	.14	.13	.03	.08	.07		.92	.54	.08	.10		.08						1.69				5.61
Neffs Mills[1, 5], 3.5 NE	Huntingdon	.64			.06			.64						.16			.33		.31	.08			.04					1.51	.45			.02	4.90
New Bloomfield	Perry		.36			.07	.07	.33		.03			.36		.08		.12	.60	.32	.18		.28	T						.97			.03	$3.80
Newport[2]	Perry	.02	.20			.04		T.	.31		.01	.06	.25		.29		.06	.60	.11	.07	.47		.36						.75	.04		T	3.64
Saxton[2], 1 W	Bedford	.18	.05					.22	.71	T	.05			.38	.55		.03	1.80		.38			.10						.28				4.73
Shade Gap[1, 5], 0.5 SW	Huntingdon	.07		.24		*	.81	.79		.30							1.27	.39	.58	.41			.07					.06	.03			.30	5.32
LAKE SUSQUEHANNA																																	
Arendtsville[2]	Adams		1.29					.02	.57		.10	.02	1.11	.12	.03		.05	1.93	.05	.08			.41						.08				5.86
Beaverlown[2]	Snyder	.05	.43	.02		.03		.08	.50	.03		.05			.38		.04	.65	.06	.23			.55	.02					.93				4.05
Bloserville, 1.5 N	Cumberland	.06	.40		.21	T.		.57	.02	.18		T.	.20	.36		T.	.07	.12	.18	.32		62	.25					.28			.08	3.92
Carlisle	Cumberland	.41			.09		.03	.33		T	T.	.12	.19		.24	.02	.28	1.79	.17	.28		.58	.25					.14	T.	T	.06	4.98
Columbia	Lancaster		.17		T.			1.08	.64	.02		.35	.25		T.	.05		.58	.05	.36		.30						.19			.02	4.06
Dauphin[2], 3 N	Dauphin		.17			T		.04	.38		.03	.03	.30	T.	.06	.07	.21	1.76	.76	.20	.18		2.09	T.					.25		.25		6.77
Ephrata[2]	Lancaster		.11		T.			.62	.54	.39	.04	.14	.08		1.40	.03		.82	1.22	.35		.03	.08										5.85
Glen Rock[1, 5]	York	.40						.27			.02	.37	.02	.06			.06	.18		.22		.44	.39									.04	2.47
Gordon	Schuylkill		1.06		.02		.11	.44	2.74	.02	1.33			.14		.64	.67	1.36		.34		1.44	.46						.53			.14	11.44
Grantville, 2 SW	Dauphin	.11	.18				.59	.43	.14	.12	.10	.20	.19		.09	.03	.31	.99	.08	.22		.91	.89						.17		T.	.02	5.77
Hanover[2]	York		1.05			.01		.10	.30	T.	.05	.02	.62	.08	.03		T.	.17	.01	.12	T		2.36						.03	T	T.	T.	4.95
Harrisburg Apt.[1, 5], 3.5 S	Dauphin	.34					.13	.39	T.	T.	.01	.37	T.	T	T.	T.	1.59	.70	.14	.24		.61	.49					.32	.10	.02		.01	5.46
Holtwood[2]	Lancaster		.11			.01		.01	1.66	.02	.16	.07	.23	.22	.02		.24	.44	.24	.18	.25		.11	.01					T	.15		T.	4.13
Huntsdale[2]	Cumberland		.33		T.			T.	.50	.02	.13		.18		.11		.03	.40	.24	.43			.86						.28	T.			3.51
Kirkwood[1, 5], 1 SW	Lancaster				.58			1.39		.17	.04					.08	.02	1.07	.42				T										3.77
Lancaster	Lancaster		.14		.07			.69	.38	.13		.04	.21		.06	.12	.05	.32	.28	.20		.05	.14						T.			T.	2.88
Lebanon[2]	Lebanon		.16	.06		.11		.60	1.95	T.	.09	.15	.48		1.10	.02	.04	1.03	.81	.34			.93						.13			T.	8.00
Middletown[1], 1.5 W	Dauphin	.04					.18	.08		T	.13	.11	T.		.10		1.23	1.14	.26	.27		58	.75					.01	.13	T		T.	5.01
Millersburg[1, 5], 2 E	Dauphin	*	*		*		.30	*	*	*	*	*	*	.71	*	*	*	*	*	2.46		.24	.40					.03	.45	23			4.82
Milroy[2]	Mifflin	T.	.53			*		*	1.63		.55	.10			T.	T.	*	*		1.55	T.		.35						1.89			.09	6.69
Newburg[1], 3.5 NW	Cumberland	.35			T.		T.	.57		.18		.28	.10	.05			1.23	1.07	.18	.18		.88	.07						.52		T.	.11	5.77
New Park	York		.16						1.29	.02		.48	.47			T.	.21	.12	.28	.35		.14	.47						.05			T	4.04
Pine Grove[2], 1.5 NE	Schuylkill		.25	.29		.01	.41	4.06	T.	.13	.36	.01			.24		.24	1.06	.05	.56	.24		1.62	.01					.35			T	9.89
Selinsgrove	Snyder			T.	T.	.02	T.	.41	.06	.09			.02		.07	.11	.94	.26	.99	.29		.41	.78						1.16		.22	.15	5.98
Shamokin[2]	N'umberland		.34					.42	1.43			1.60	.22		T	.49	.15	2.00	.02	.20	.24		2.16	.01					2.20	.04			11.52
Shippensburg	Cumberland	.49	T.				.44	.82	T.	.14				1.06		.06	.36		1.37	.48		.08	.08						.06			.13	5.63
Sunbury[2]	N'umberland		.08	.01		.11	.10		.77		T.	.05	.02	T.	.02	T.	T.	.78	1.19	.37	.11		.68	T.					.51	.26	.67	.19	5.92
Wellsville	York		.13					1.91	.06	T.	T		.35		.11	T.		2.24	1.44	.33		.46	.46						.11		.02	.04	7.66
Williamstown[2]	Dauphin		.18	.16		.11		.26	1.45		.36	.04	.12	.10			.42	2.33	.12	T.	.47		4.06	.08					.25	.04	T.		10.55
York, 3 SW	York		.14					.15	.23	.04	.90		.23	.02	.12		.05	.45	.02	.14		1.35	.50						.02			.04	4.40
York Haven[2]	York		.23					.08	.48	T.	.37	T.	.32		.01		T.	.27	1.12	.88	.02		1.05						.20				5.03
Potomac Basin																																	
Chambersburg[3], 1 SW	Franklin	1.44	.03		.06		.05	.55		.10		1.01	.17	.03	.23	T.	.40	.04		.45		.24	.12						.47			.22	5.61
Gettysburg	Adams	1.55	.30		T.		.03	.23		.09		.02	.94			.16	T.	.91	.02	.49		.15	.39						.04			.11	5.43
Hewitt 2 SW	Bedford	.29						1.60		.36			*	.86			.67		.26	.29			.67									1.88	6.88
Hyndman[2]	Bedford	.12	.20					.38	.42		.47		.19	.03	T.		.18	.11		.50			.18						T.				2.78
McConnellsburg[2]	Fulton		T.			.35		.26	1.02		.32	T.	.16	.10	T.		.25	.28	.10	.37			.19						.10	T.			3.50
Mercersburg[2]	Franklin	*	.24			.23		.19	1.62		.75		.98	.34	T.			.35	.18	.24			.16					.09	T.				5.37
South Mt. San't'm[2]	Franklin		2.00	T.		.02		.04	.88		.22		.65	.22	.04	.03	.04	.46		.22			.38						.04	.66			5.90
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny		.60					.53	.54	.01	.50	.02	.09		.12		.26		.25	.19			.01	.34					.03	.64	.24		.04	4.41
Allen Mills[1, 5]	Jefferson	.12					.02	1.27			.15	.61	.09	.17	.08	.16	.14	.69	.30			.07	.05					.40			1.16	5.51
Blairsville[1], 6 NE	Indiana	.63					T.	1.21	.11	.17	.17	T.	.36	.04	.03	.37	1.87	.06	.51	.17		.06	T.					.94	.37		T.	.28	7.35
Boswell[2], 6 NW	Somerset		.22					.98	1.33	.05	.78	.22			.02		.33	.15	.33	.73	.08		.82	.03					.77	.03		.03	6.90
Bradford, 4 W	McKean	.07	.03	.02			.04	1.01	.02	T.	.19	.08	.66	.03	.19	.90	.55	.10		.61	.03	.08	.54	.61					.07	.13	.02	T.	.39	6.37
Brookville[1], 1.5 SW	Jefferson																																
Buckstown[1, 5]	Somerset	.10					.03	.71	.16	.10		.26	.02	.03			.62	*	*	*	1.06							.27	.08			.70	$4.14
Clarion[2], 3 SW	Clarion		.17					.49	.14		.20	.50	.05	.22	.03		.03		.17	.64			.07	.32					.30			.53	3.86
Corry	Erie	T.				T.		.59	T.	T.		.65	T.	.16	.07	.99	.54	.18	.51	.25		.09	.40	.59					08				5.10
Coudersport	Potter	.67			.07		.13	1.00	.04	.06		.41	.54	*	.76	.28	.05		.86	.38		.03	.28	.04					.38			.23	$6.21
Coudersport, 7.5 E	Potter			.04	.12			1.02	1.03	.30	T.	.64	.37	.28	.11	.02		.54	.06	.34	.02		.30	.50	.02	T.			.39	.02	T.	.26	6.38
Derry	W'moreland	.24					T.	.99	T.	.20	.30	.20	.05	T.		1.85	.47	T.	.40	.32		.24	.13					T.	.32			1.10	6.81
Donegal[1]	W'moreland	.30			.10		T.	2.30	.05	1.10		.05	.01			.74	.46	.38	.80	.31		1.00						.20	.28			1.76	9.84
Dunlo[1, 5], 0.5 SW	Cambria	.22					.07	1.71	.04	.10		.23	.17	.27		.07	.69	.02	.31	.11	.05	.95						.81	.14			.90	6.86
Ebensburg[2]	Cambria		.32	.05				.77	1.08	.02			.29	.39	.12			.28		.57	T		.48						.37	.01		.19	4.94
Food City[2], 4 S	Armstrong		.40					.38	.13		.42	.37		.19	.20		.34	.95	.15	.17		.02	.03	T.					.73			.56	5.04
Franklin[2]	Venango							.70	.05		.42		.15	.65	.12	.82	.05	.02		.56			.02	.21						.44			.09	4.30
Glen Hazel[2], 1 NE	Elk																																
Home[1, 5]	Indiana	.12					.01	.82		.36	.11	.35	.50	.15	.18	.62	1.69	.03	.14	.05		.03	.02		.02			.60	.07			.30	6.17
Indiana	Indiana	.29						1.04	.05	.01	.55	.20	.11	.71	.07	1.68	.07	.05		.58		.02	.12					T.	1.12			.33	7.00
Johnstown[2], 0.5 W	Cambria		.30					.99	.51	T.	.04		.12	.21	.01	T.	.33	.60	.12	.46	.02		.24						.35			.07	4.36

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1, 5] 1 N	McKean	.02	T.		.01	T.	.25	.66	T.	.06		.21	.16	.28	.04	.17	1.56	.10	.67	.25	T.	.47	.22	.04				1.06			T.	.01	6.24
Kregar[1], 4.5 SE	W'moreland	.09			.06		.29	2.37	.07	.49	.12	.01		.02	.07	.86	.06	.09	.97	.40		.72	.01				T	.66	.30			1.83	9.49
Lycippus, 1.5 E	W'moreland	T.	.22		.33			1.08	.19	.29	.35	.07				.12	.78	.48	.22	.76	T.	T.	.98	.07					.74	.05		2.20	8.93
Marienville[1, 5]	Forest					.65	.52				.21	.06	.05	.84			.10	.29	.44	.03		.10	.50					.50			.06	.09	4.44
Meadville[2], 1 S	Crawford	T.	.01					.34	.24	.02	.01	T.	.28	.23	.61	.28	.26	.24	.57	.27	.04		.16	.20									3.76
Mosgrove[2]	Armstrong		.42					.76	.44		.36	.26	T.	.25	.22		1.14	.02	T.	.28			T.	.12				1.73	T.			6.45
Parkers Landing[2]	Armstrong		.15					.52			.33	.10	.03	.53	.32	T.	.12		.05	.28			.05	.68				.18	.01		.03	3.38
Pittsburgh City Of[1, 5]	Allegheny	.33	T.				.01	1.04	T.	.30	.01	.18	T.	T.	.10	.71	.03	1.54	.38	T		.03	.33					.64	.02		T.	.54	6.19
Port Allegany[2]	McKean		.24			.10		.60	.20	.02	.01		.25		.13	.50		.22	.60	.40	.02		.16	.43	.01			.03	.31			.32	4.55
Punxsutawney[2]	Jefferson		.15					.90	.20			.06				.05	.05	.30	.30	.31	.01		.05					.05	.50			.06	3.01
Punxsyville[2], 2.5 SE	Armstrong		.63					.49	.47	.02	.17	.44	.09	.19	.35	.18	.06	1.10	.39				.05	.03					2.06			.39	7.11
Ridgway[2]	Elk		.30	.09				.67	.24		.13	.10	.26	T.	.13	.04		.09	.12	.28			.07	.09	T.			.69			.12	3.42
Saltsburg[2]	Indiana	T.	.46					.26	.64		.44	.17	.04	.19	.02		.20	.08	.06	.63	T.		.10	.01			T.	1.14	T.		.12	4.56
Seward[2]	W'moreland		.64					.98	.46	.06	.46	.13	.14	.46	.12	.02	.61	.22	.07	.64	.12		.22	.03				.59	.02		.02	6.01
Sheffield[1, 5, 6 W	Warren	.06					.38	.63			.18	.26		.54		.04		.27	.54	.32		.10	.44				.96					4.72
Smethport[1, 5], 1 SW	McKean	.20	.17				.06	.83				.37			.05			.20	.44	.13		.25	.06				.55			.02	.27	3.60
Strongstown[1, 5]	Indiana	.06	.02					1.51			.38	.43	.63	.18		.04	.79	.74	.28	.13		.21	.07				.36	.07			.27	6.17
Tionesta[2], 1.5 SE	Forest			.32				.28	.06		.08	.29	.25	.25	.18	T.	T.	.18	.13	.40	T.		.31	1.03				1.11			.15	5.02
Titusville, 2 S	Crawford	.02				T.		.47			.63	.76	.02	.46	.82	.10	.30	.20	.65	.17		.03	.37	.10			.02	.11				5.23
Union City[1, 5]	Erie						.14	.30				.27		.78	.25	.39		.74	.56	.52		.18	.70	.17								4.95
Vandergrift[1]	W'moreland	.25						.52		.23	.19		.04		.05		.66	.01	.18	.06		.01	.05				T.	.77	.32			.46	3.79
Warren[2]	Warren						.05	.51	.02		.01	.10	.10		.35		.23	2.48	.01	.61	.09		.31	.70	.08				.35				6.00
Youngsville[1, 5]	Warren					.04	.20	.20		.04	.21	.10		.30	.02		1.00	.03	.28	.48		.68	.35	.21				.41					4.55
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.26	.24			T.		.62	.70	.02	.76		.04	.08			.21	.01	T.	1.07	.06		.12	T				T.	.24	.02			4.45
Connellsville[2]	Fayette		.40					.91	1.23	T.	.82		.08	.49			3.40			.82			.06	.05				.03	.65	.20			9.14
Donora[1]	Washington	.26					.10	1.12	T.	1.19	.07	.05		.03	T.	.06		.02	.70	.08		.30	.04				.04	.30	.10			1.46	5.92
Greensboro[2]	Greene	.42	.12					1.28	1.06	T.	.86	.21	.46	.15	.08		.05	.01		1.58			.03						.63	.37			7.31
Greensburg, 2 S	W'moreland	.12					.04	.56	.31	.32	.03	.10	.02	.17	.21		.20	.13	.42	.62		T	.60					T.	.43			2.06	6.34
Irwin	W'moreland	.10	T		T.		.01	.27	.83	.74	.12	.01	.14	.01	.05		.19	T.	.40	1.03		T.	.07	.05				.01	.39			1.85	6.27
Meyersdale[2]	Somerset	.07	.11					.83	.68	.10	.48							.20	.07	.72			.14						.10	.09			3.59
Murrysville // [1, 5]	W'moreland	.23					.05	.73		.37	.08	.04				.10	.03	1.07	.60	.08		.04	.23				.02	.33	.04			.73	4.77
Pittsburgh Arpt.[1, 5]	Allegheny	.05					T.	.84	T.	.65	.09	.14	.08		.01	.13	T.	.49	.73	.01		.06	.02				.01	.55	T.			1.03	4.89
Rices Landing[2]	Greene	.78	.35					.46	.65	.01	.73		.06	.48	.08		.52	.02		1.28			.40	.05				.01	1.17	.06			7.11
Somerset	Somerset	.06	.11		T.			1.75	.02	.28	.32	.05					.15	.87		.60			.07						.63			2.27	7.18
Springs[6], 1 SW	Somerset	.54					.12	1.44	.03	.74	.12	.08	.33		.01		.80	.33		2.00		.39	.02						.45	.01		1.82	9.23
Uniontown	Fayette	.33					.15	1.87	.05	.96	.40	T.	.37			T.	.39	.07		.90		T.	.03	.01				T.	.47	.02			.28	6.30
Waynesburg[2]	Greene		.18					.43	1.26	.06	.65		.28	.20	.55		.65			1.80		T.	.41	.05					1.11	.06		T.	7.69
BEAVER																																	
Beaver Falls[2]	Beaver	T	.66					.40	.13		.28	.02	.15		.56			T.		.81	.02		T.	T					.08	.02		.34	3.47
Butler	Butler	.83					T.	.78	.01		.14	.01	.04	.12	.14		.09	T.	.40	.15			.01	.25					.95			.67	4.59
Farrell[2]	Mercer							.29			.04	.13					.88						.07	.04							.12	1.57
Greenville	Mercer	.03						.47		.01	.07	1.45		.14	T.	.68	.27	.24		T.		.03	.02	.11							.01	3.48
Jamestown[2], 2 NW	Mercer	T.		.01				.20	T		.05	.10	1.53	.01		2.10	.45	1.40	2.29	.06	.01		.10	.20	T.	T.						8.51
Mercer Arpt.[1], 2.5 NE	Mercer	T.					.12	.63		.02	T.	.20		.28	.35	.56	.12	T	.50	.01		.07	.89					.54			.16	4.45
New Castle[1], 1.5 N	Lawrence	.22					.07	12	T.	.09	.02	.42	T.	T.	.06	.11	.01	T.	.19	.01		.09	.21	.01				.11			.22	1.96
Penuline, 2 S	Crawford		T.					.40			.03	.02	.87	.71	.23	.80	.35	T.	.50	.19	.01		.50	.59								5.20
OHIO																																	
Claysville[2]	Washington		.10					.61	.20	.06	.29	.08	.40	.24	.04		.11		.01	.43			.45	.18					.52	.19			3.86
Coraopolis[2], 1 E	Allegheny		.28					.82	.20	T.	.25		.50	T.	.55		.05	T.	.36	.97	T.	T.	T.	.20				T.	.31	.12		.68	5.29
Midland[2]	Beaver		.11					.47	.02	T.	.35	.15	.20		.03		.06	.03		.35				T.					1.73	.29		.18	4.00
Washington[1, 5]	Washington	.09					.10	.79		.52		.36	.04	.03	.03	.12		1.40	.50			.46	09					.38	.20			.10	5.21
LAKE DRAINAGE																																	
Albion[2]	Erie							1.17	.02			.20	.40	.86		.07	*	.65	1.09	.48	.05		.20	.60					.26				§5.55
Erie[1, 5]	Erie	T.	T.			T.	.12	.02	T.	T.	T	.24	T	.10	.02	.98	.23		.52	.02		.05	**	.05				.33	T		.22	13.27
Raymond[1, 5]	Potter	.39			.28	.02	.06	1.00	.03	.10	.52	.69	.03	.53	.15	.05	.15	1.30	.68	.10		.20	.78					.31			.07	.08	§7.54

[See page 56 for explanation of reference marks.]

** 10.37.

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2], 1 SW.	Evaporation	.093	.250	.203	.207	.193	.222	.171	.021	.052	.115	.192	.158	.110	.150	.186	.154	.186	.178	.130	.209	.147	.100	.172	.155	.126	.164	.183	.198	.130	.165	.216	4.936
	Wind movement	12	24	55	30	22	14	27	34	21	21	39	30	17	17	36	13	19	27	20	63	12	33	33	39	13	19	6	47	18	21	29	811
Ford City[2], 4 S	Evaporation	.172	.289	.231	.199	.185	.194	.216	.108	.072	.077	.195	.168	.136	.170	.152	.226	.264	.085	.133	.154	.132	.064	.118	.179	.143	.189	.158	.210	.125	.169	.241	5.154
	Wind movement	24	20	51	22	35	18	25	69	26	27	35	20	24	20	44	18	27	8	32	48	12	25	40	33	9	20	27	48	24	22	42	895
Hawley[2], 1 S.	Evaporation	.235	.427	.216	.234	.794	.207	.268			.052	.258	.014	.228	.184	.191	.133			.145	.243	.143			.214	.202	.205	.215	.339	.100	.008	.287	4.218
	Wind movement	42	87	78	56	62	67	30	79	26	29	25	38	109	76	60	33	31	72	132	77	58	33	22	88	63	35	88	135	47	35	109	1922
Jamestown[2]..2 NW	Evaporation	.134	.124	.229	.233	.214	.158	.278	.002	.101	.077	.196	.182	.154	.190		.143			.162	.058	.136	.038	.130	.050	.278	.205	.122	.158	.160	.192	.258	4.829
	Wind movement	20	25	35	26	22	26	21	80	60	30	26	26	21	30	31	36	21	7	49	23	21	23	29	26	6	25	31	41	16	29	56	912
Neffs Mills[2], 3.5 NE.	Evaporation	.095	*	.608	.135	.082	.321	.061	.050	.064	.072	.160	.156	.140	.196	.094	.130	.058	.090	.182	.224	.180	.042	.134	.132	.162	.194	.158	.418	.196	.152	.270	4.956
	Wind movement	12	23	15	7	59	5	50	21	10	8	5	37	16	14	5	4	6	2	8	2	3	4	4	2	8	4	24	10	8	9	50	436

Italics mean minus quantity.

[See page 56 for explanation of other references.]

Daily Temperatures for July 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/.	Maximum	78	72	78	80	81	85	67	68	75	80	78	80	88	85	86	79	81	85	66	75	69	64	71	80	84	80	83	76	86	87	80	§78.3
	Minimum	58	52	47	50	52	56	61	49	56	55	58	62	59	55	64	63	63	63	61	51	46	50	50	49	51	55	59	59	56	61	68	§56.1
Allentown Arpt.[1],9-4 NE	Maximum	93	82	82	85	89	90	81	67	80	84	82	83	87	88	88	85	84	88	84	83	78	78	75	82	86	88	88	84	87	93	83	84.1
	Minimum	66	58	56	55	59	65	64	60	62	68	70	62	59	65	68	69	67	65	64	58	57	63	54	51	56	57	64	66	63	65	63	61.9
Allentown/.	Maximum	93	83	82	85	86	90	83	69	79	83	82	83	86	87	89	87	83	87	84	79	78	78	75	82	86	87	89	85	87	93	84	84.0
	Minimum	69	61	53	55	59	62	68	60	60	65	70	61	62	65	68	68	67	65	67	57	57	60	55	52	56	57	61	68	52	66	70	61.8
Altoona 4.5 W.	Maximum	90	75	77	83	85	84	77	66	74	80	79	77	84	81	82	74	78	84	78	72	70	69	71	78	79	83	84	80	84	88	81	78.9
	Minimum	65	52	48	50	54	57	62	57	59	59	60	58	58	61	60	66	61	65	64	54	50	57	48	50	52	54	62	64	59	67	66	58 0
Arendtsville/	Maximum	92	83	83	86	88	89	72	73	82	83	82	82	87	88	83	85	86	87	85	79	72	72	77	83	85	87	87	85	85	92	78	83.2
	Minimum	66	57	55	56	56	59	65	61	59	60	64	56	57	65	66	69	66	65	69	56	55	61	51	49	51	55	62	61	65	68	64	60.4
Beavertown/	Maximum	91	79	80	83	66	88	69	69	81	84	82	82	85	85	86	79	84	86	86	83	77	73	73	82	84	84	86	82	85	90	78	81.4
	Minimum	60	52	46	48	50	57	66	61	56	61	65	55	65	59	63	69	64	61	65	50	50	58	4 5	45	50	52	57	57	62	64	65	57.4
Berwick	Maximum	94	91	81	81	85	90	90	69	81	81	82	83	86	85	88	89	86	87	87	77	77	76	75	82	84	87	88	86	85	91	89	84.3
	Minimum	65	58	50	52	58	64	67	58	59	67	67	60	60	62	68	73	66	65	68	56	54	60	49	48	51	57	61	66	62	64	67	60.8
Bethlehem[1]	Maximum	92	82	81	85	88	90	84	67	77	80	80	82	84	88	85	85	80	80	82	79	78	77	73	82	84	85	87	84	88	94	87	82.8
	Minimum	66	62	57	58	62	66	67	58	60	67	68	61	62	66	70	70	64	64	67	58	58	64	55	52	58	59	65	68	65	70	70	63.1
Blairsville[1]-6 NE.	Maximum	84	72	73	77	80	83	69	62	73	79	76	74	80	82	86	77	78	80	69	69	71	64	66	74	78	78	80	76	79	83	75	75.7
	Minimum	58	55	50	56	58	60	55	53	56	55	57	57	60	61	63	62	61	64	51	52	49	48	54	54	55	60	62	60	57	65	54	56.9
Bradford 4 W	Maximum	82	72	75	78	79	82	82	62	73	78	76	75	82	82	83	83	78	81	78	70	70	63	64	74	79	78	80	73	82	8	79	76.7
	Minimum	58	46	42	44	45	53	61	56	57	56	51	51	54	59	62	60	63	57	63	53	47	54	50	40	42	47	58	61	49	55	61	53.5
Burnt Cabins[1]-2 NE.	Maximum	92	80	79	82	88	90	74	70	82	84	83	84	90	88	85	86	88	88	85	80	81	77	77	84	87	89	88	84	87	95	78	§84.0
	Minimum	63	53	45	46	49	56	62	57	54	58	60	54	54	61	63	66	64	63	63	47	52	48	45	42	47	51	57	64	56	62	64	§55.7
Butler	Maximum	88	87	77	83	84	87	87	76	70	79	85	84	88	88	87	89	82	85	83	73	75	69	70	77	83	86	86	77	83	88	90	82.1
	Minimum	69	55	47	50	51	57	59	57	61	55	58	57	58	56	69	65	62	64	64	54	53	52	49	46	48	52	55	65	54	63	67	57.2
Canton/-1 NW	Maximum	84	73	75	78	80	82	65	65	76	78	77	76	82	80	81	74	80	80	77	70	75	70	75	77	78	80	79	77	82	86	73	77.1
	Minimum	61	54	49	52	53	58	63	55	57	59	63	57	56	59	63	69	65	64	64	53	51	57	47	53	51	55	61	61	57	61	63	57.8
Carlisle.	Maximum	93	82	80	85	87	89	78	72	82	85	83	82	85	87	84	85	83	88	85	77	75	75	75	81	84	87	90	84	86	93	86	83.5
	Minimum	69	58	54	55	57	62	66	63	58	64	65	60	61	66	67	70	67	66	69	58	58	62	50	51	56	57	67	68	64	73	69	62.3
Chambersburg[6]-1 SW.	Maximum	90	80	82	83	87	87	71	75	80	81	82	82	87	86	81	84	87	87	84	78	76	76	76	82	85	87	87	83	88	92	76	82 6
	Minimum	66	57	51	52	54	59	64	59	58	60	59	57	57	65	65	68	65	64	67	53	56	60	47	49	53	56	63	66	64	63	67	59.4
Clarion[6] 3 SW	Maximum	81	76	79	83	86	89	72	69	78	79	78	79	87	84	85	86	88	87	70	72	73	70	73	79	84	82	79	80	85	89	81	80.1
	Minimum	61	51	44	47	49	55	60	54	52	55	54	54	54	61	62	62	60	60	60	55	52	51	45	45	47	50	54	60	52	57	62	54.4
Claysville/.	Maximum	85	77	77	81	84	81	73	68	74	78	77	80	84	83	83	80	83	84	71	72	72	67	72	80	82	82	84	80	83	86	81	78.8
	Minimum	63	51	45	47	50	56	58	56	56	54	56	56	58	64	66	60	61	64	51	50	47	44	51	48	50	56	64	52	52	61	55.1	
Coalport/.	Maximum	90	78	77	83	86	88	72	68	77	82	80	76	85	85	84	80	85	84	77	74	70	72	74	80	84	85	84	82	85	90	79	80.5
	Minimum	64	51	42	42	42	51	57	56	58	53	55	55	52	58	59	60	60	63	64	55	49	51	48	44	47	48	51	64	54	56	64	54.0
Coatesville/.	Maximum	90	82	81	84	88	89	83	76	81	84	82	82	81	88	87	86	88	87	82	80	79	80	75	81	87	85	87	85	87	93	83	84.0
	Minimum	65	60	54	56	55	62	65	63	60	64	64	59	60	60	68	70	67	65	70	60	55	62	54	48	50	55	60	64	61	63	67	60 9
Columbia	Maximum	96	86	84	89	92	92	81	75	82	86	84	85	90	92	86	88	90	91	92	83	77	81	79	85	89	91	92	89	90	95	85	87.0
	Minimum	68	62	55	60	57	67	67	63	60	68	67	61	62	67	71	70	68	66	71	62	59	63	53	52	55	55	55	60	64	61	63	62.9
Corry	Maximum	83	74	78	80	82	85	72	63	77	83	78	78	87	81	86	83	82	86	73	72	70	62	71	76	80	82	82	77	84	89	84	78.7
	Minimum	59	51	48	49	51	60	61	53	55	57	56	54	60	62	62	64	61	63	59	50	55	50	50	46	47	52	65	61	56	61	69	56.4
Coudersport.	Maximum	78	80	82	84	84	78	75	67	74	82	80	80	87	83	81	80	83	82	80	74	68	67	64	76	81	84	82	77	84	88	84	79.0
	Minimum	44	46	50	49	49	53	47	54	56	54	56	52	52	55	60	59	64	60	58	46	50	50	49	39	44	49	57	55	53	56	64	52 6
Curwensville[1]-6 NW	Maximum	85	71	73	77	79	81	69	66	69	77	74	76	80	79	78	74	77	78	72	66	67	66	67	75	78	79	78	75	79	83	76	75.0
	Minimum	55	48	44	49	52	58	54	53	56	60	55	55	60	61	63	61	62	51	50	46	47	46	50	53	60	58	58	61	52	54.2		
Derry.	Maximum	88	78	75	82	86	86	71	68	79	82	84	80	85	87	86	83	83	85	72	75	74	67	72	79	82	85	86	81	81	90	83	80 5
	Minimum	69	58	48	51	51	58	63	57	60	61	64	61	59	62	66	64	64	68	62	57	53	54	51	49	50	55	54	65	67	67	62	59.0
Donegal[1]	Maximum	84	75	73	75	83	82	67	61	70	77	76	75	82	81	83	77	81	80	71	70	71	64	69	73	81	80	80	76	79	84	69	75.8
	Minimum	56	47	40	42	47	54	58	52	55	51	52	54	56	59	60	57	58	60	57	50	44	47	42	44	43	45	55	61	50	58	56	51.9
Donora[1]	Maximum	89	80	82	88	89	87	70	69	75	84	82	83	87	87	90	85	87	89	79	76	76	70	76	82	86	84	87	85	89	89	84	82.7
	Minimum	71	59	52	54	59	65	66	60	62	61	63	63	64	68	71	68	69	69	69	59	62	54	52	55	55	58	67	68	61	68	6	62.4
Eagles Mere/.	Maximum	81	71	72	75	76	78	65	62	72	72	72	74	78	75	78	72	75	75	75	68	68	68	66	73	76	77	77	74	76	80	78	73 5
	Minimum	64	52	49	49	55	55	61	54	54	57	62	57	56	56	61	63	61	62	63	52	52	55	46	46	51	58	60	62	59	60	62	56.6
East Waterford[6]-3 E	Maximum	85	73	73	78	82	82	68	68	70	74	73	76	81	78	75	75	76	78	77	70	71	68	68	75	78	81	78	77	81	87	77	75.7
	Minimum	63	56	52	58	60	65	61	55	56	61	61	59	60	64	65	64	63	64	62	51	59	55	48	56	61	64	66	61	61	68	64	60.1
Ebensburg/.	Maximum	84	70	73	77	80	81	67	62	75	78	76	74	79	80	82	76	78	79	71	69	69	65	66	74	79	79	80	72	79	84	72	75.2
	Minimum	64	53	45	50	54	57	60	54	55	55	57	58	55	62	61	62	59	52	63	51	49	52	47	47	51	53	51	61	56	62	64	55.5
Emporium/-1 E.	Maximum	88	76	80	82	84	88	76	70	79	84	84	82	88	83	83	88	84	84	80	74	75	72	71	81	85	85	84	80	85	89	83	81.5
	Minimum	63	53	43	49	48	48	61	57	58	57	56	56	56	58	62	64	63	61	64	49	50	49	44	43	47	49	57	61	55	57	64	54.9
Ephrata	Maximum	94	84	82	86	89	91	87	73	84	86	82	84	88	89	87	88	88	87	86	82	79	79	76	83	87	89	90	88	87	93	82	85.5
	Minimum	69	62	55	56	59	65	68	62	71	68	64	61	61	65	70	71	67	67	69	61	59	61	52	54	55	58	58	60	61	65	72	§62.8
Erie[1].	Maximum	78	70	77	79	82	82	67	67	73	76	76	76	86	85	86	80	82	85	70	71	69	63	69	76	80	84	83	74	82	88	80	77.3
	Minimum	65	62	60	65	67	65	61	61	60	64	62	62	66	68	68	69	68	69	59	55	62	54	56	60	63	67	67	64	63	74	60	63.4
Everett[1]-0.5 SW.	Maximum	91	81	82	84	89	90	69	68	78	81	80	80	85	85	84	87	84	85	80	76	78	72	74	80	85	88	88	85	87	94	78	82.2
	Minimum	63	55	49	53	51	56	53	59	59	55	59	56	55	62	60	64	64	62	60	53	53	53	49	49	51	52	57	67	62	63	65	57.1
Farrell.	Maximum	82	82	83	87	89	88	75	72	76	88	88	83	90	90	86	85	89	89	83	80	79	70	76	81	86	86	88	88	89	91	91	84.2
	Minimum	66	60	53	57	59	64	69	60	64	62	61	61	68	69	69	69	68	71	65	63	59	57	55	54	55	59	71	66	61	70	75	63.2
Ford City/-4 S	Maximum	89	77	79	83	86	86	74	69	77	82	80	81	84	85	87	81	82	84	73	73	72	74	73	80	83	83	84	79	84	88	82	80.5
	Minimum	64	54	47	47	51	52	63	57	56	56	56	54	57	61	65	64	61	63	66	57	52	52	48	48	50	51	53	64	55	57	64	56.3
Franklin/.	Maximum	83	74	80	85	84	84	72	68	75	79	80	80	85	83	83	82	85	84	68	72	72	67	72	79	83	81	83	79	87	88	82	79.8
	Minimum	63	55	49	51	51	55	60	54	57	55	56	56	58	62	63	65	63	54	65	54	56	51	48	47	49	49	53	61	57	59	63	56.4
Fredericksville-1 S.	Maximum	88	80	78	80	84	86	80	67	77	82	79	79	82	85	84	83	82	83	81	76	75	76	72	79	82	82	84	82	84	89	78	80.6
	Minimum	63	55	49	48	48	60	60	58	55	67	65	55	56	61	67	64	64	65	66	55	52	60	49	46	52	52	60	64	59	61	67	58.2
Freeland.	Maximum	87	82	75	70	80	84	73	64	73	76	75	76	76	80	80	77	81	80	78	73	72	73	76	76	80	81	80	75	79	85	83	77.4
	Minimum	65	53	49	64	57	56	61	53	56	64	62	56	58	61	61	65	62	62	63	52	54	55	46	50	57	61	62	61	59	64	63	58.5
George School[6].	Maximum	89	82	80	83	86	88	82	72	78	82	81	82	86	86	87	86	84	87	82	79	80	75	75	82	86	86	87	82	85	91	86	83.1
	Minimum	67	63	54	55	55	65	65	62	60	67	67	65	61	60	69	70	69	66	68	58	57	65	55	52	58	55	62	69	63	65	71	62.5
Gettysburg.	Maximum	89	79	78	83	85	87	81	72	80	80	80	79	85	85	82	83	82	85	84	81	73	74	73	79	81	84	85	83	84	90	88	81.7
	Minimum	69	60	56	57	59	62	67	58	60	63	67	61	60	68	68	71	67	67	69	58	58	63	54	53	56	59	65	70	64	66	69	62.5
Gordon	Maximum	91	83	80	82	86	87	77	67	77	81	80	79	84	84	85	82	83	85	82	77	70	78	73	81	84	85	84	82	85	91	79	81.4
	Minimum	61	56	45	47	52	60	58	57	55	65	65	54	57	59	65	58	62	61	67	55	50	59	45	45	47	50	58	63	57	58	65	56.6
Greensburg-2 S	Maximum	86	76	78	82	85	85	73	68	76	83	80	80	84	84	85	81	81	84	81	74	74	70	72	79	83	82	84	84	83	87	83	80.2
	Minimum	62	49	44	46	48	49	64	58	56	55	55	54	58	63	62	62	61	62	66	58	49	53	46	44	47	49	57	65	56	58	62	55.3
Hanover/.	Maximum	92	82	81	85	88	88	76	74	84	82	81	87	88	88	82	86	86	88	86	83	81	75	75	81	84	86	88	85	86	92	76	83.2
	Minimum	70	61	57	59	57	63	64	63	60	64	68	62	60	68	69	72	67	68	69	59	64	62	52	54	58	64	65	68	64	68	72	63.6
Harrisburg Arpt. [1]-3.5 S.	Maximum	92	81	80	83	90	91	76	72	81	84	84	81	87	89	85	86	84	87	84	79	73	77	75	84	87	87	87	83	87	92	79	83.4
	Minimum	67	61	58	59	60	65	67	62	61	67	63	61	62	67	71	69	68	67	66	60	57	60	54	54	58	60	66	68	67	69	70	63.4
Hawley-0.5 E	Maximum	92	80	80	81	87	88	73	63	77	79	82	81	86	85	85	78	84	87	84	79	76	72	74	83	84	85	86	80	86	93	83	81.7
	Minimum	62	54	48	48	51	59	62	56	60	63	63	59	54	57	63	66	64	62	64	52	53	62	51	45	51	52	58	64	56	59	62	57.4
Hewitt-2 SW.	Maximum	92	90	77	84	87	89	76	75	80	81	85	84	79	89	85	83	85	86	83	78	81	75	77	79	85	86	88	85	90	92	75	§83.3
	Minimum	62	61	55	57	61	62	60	60	60	64	50	55	54	59	56	63	62	62	62	45	58	60	55	50	55	57	62	66	65	65	61	§58.8
Holtwood[1].	Maximum	90	81	81	82	88	86	81	73	82	82	81	81	84	86	81	84	83	86	84	79	77	76	75	80	82	84	87	80	83	91	81	82 3
	Minimum	70	64	63	64	63	68	70	64	66	72	66	66	65	70	73	72	72	70	70	64	64	64	57	56	59	63	66	70	68	70	73	66 5
Huntingdon	Maximum	91	79	79	82	86	87	68	70	79	84	82	81	88	87	86	81	84	86	81	74	77	73	74	81	84	86	88	84	86	92	84	82 1
	Minimum	63	56	48	49	55	60	66	60	58	58	61	58	54	60	65	66	68	66	66	48	53	48	47	46	52	55	60	65	60	59	60	57.7

Continued on page 55.

Daily Temperatures for July 1947—Continued from page 54.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana-2.5 SE	Maximum	88	77	78	82	84	86	80	71	78	82	80	80	84	85	87	81	83	83	81	74	73	70	72	80	83	82	85	84	81	87	85	80.9
	Minimum	64	54	42	44	46	54	62	57	57	55	54	57	54	63	61	63	59	62	66	56	49	55	48	43	47	49	57	64	58	60	64	55.5
Irwin	Maximum	88	84	79	84	86	86	79	74	72	80	81	80	85	85	88	82	85	86	85	73	75	74	70	79	85	86	85	86	84	88	87	81.9
	Minimum	68	56	47	51	54	60	64	55	58	57	59	58	60	65	67	64	64	65	65	58	63	53	49	52	50	53	63	65	56	64	65	59.0
Jamestown 1/-2 NW	Maximum	82	75	80	84	87	84	75	70	75	82	76	82	88	85	88	80	84	85	66	75	74	70	75	80	81	82	85	77	88	90	81	80.0
	Minimum	60	49	44	49	52	58	62	55	59	54	56	52	61	60	62	61	63	62	61	48	55	50	47	48	49	54	63	55	53	57	69	55.7
Johnstown 1/	Maximum	94	79	80	84	90	89	73	67	79	84	82	82	87	86	88	74	85	87	78	78	76	70	74	82	88	89	89	82	84	92	78	82.3
	Minimum	67	57	49	50	54	58	65	59	61	57	59	60	56	62	63	67	68	64	67	60	53	57	52	48	51	53	61	66	61	64	69	59.1
Kane 1-1 N	Maximum	83	71	77	80	81	83	70	63	70	79	78	75	83	79	82	78	81	81	72	71	69	65	68	76	80	80	79	75	82	85	78	76.6
	Minimum	50	44	39	40	43	52	56	56	54	52	50	51	53	57	62	60	59	55	45	49	47	49	43	38	39	44	56	52	51	53	53	50.1
Lancaster	Maximum	89	85	84	84	87	87	85	72	81	83	81	81	88	86	85	84	86	84	83	80	78	76	77	83	82	85	87	86	88	93	80	83.5
	Minimum	65	58	53	53	55	60	65	62	57	65	65	62	57	64	68	68	65	64	68	59	56	61	49	48	52	55	60	67	62	61	66	60.3
Lawrenceville	Maximum	89	75	78	83	85	88	75	69	78	83	83	79	85	84	85	86	84	86	79	71	72	71	69	80	84	86	85	80	85	92	85	81.1
	Minimum	64	52	49	52	53	61	61	57	59	60	61	57	58	61	62	64	66	62	65	57	52	58	50	47	52	58	62	52	57	61	57	57.6
Lebanon	Maximum	93	82	82	86	90	89	78	73	82	84	82	80	85	88	86	87	87	86	86	78	74	78	75	83	85	88	88	86	87	93	80	83.9
	Minimum	68	63	54	56	57	65	65	60	59	62	67	60	62	62	68	70	66	65	68	58	60	60	50	51	55	58	64	66	63	64	70	61.8
Lewistown 1/-2 SW	Maximum	96	79	82	85	90	90	71	73	81	85	84	83	89	87	86	84	86	89	83	80	81	77	77	84	87	89	89	86	89	94	82	84.5
	Minimum	64	57	52	53	57	55	67	62	63	64	63	60	59	60	65	68	67	66	66	54	54	56	51	50	50	56	57	63	63	63	67	59.7
Lock Haven[6]	Maximum	91	79	81	81	86	89	77	70	78	85	80	83	87	87	88	83	86	85	83	77	78	75	75	83	86	87	88	84	88	92	84	83.1
	Minimum	64	57	50	53	55	62	66	60	62	62	63	61	59	63	68	69	66	66	67	53	55	60	47	49	55	55	62	66	62	64	68	60.3
Marcus Hook 1/	Maximum	91	91	88	92	94	91	84	81	82	86	86	90	90	92	89	89	84	98	82	85	82	82	83	89	87	88	88	85	94	100	86	88.0
	Minimum	72	68	63	65	65	67	70	66	66	69	71	67	66	67	67	73	73	71	73	65	64	67	59	61	64	66	66	69	70	71	74	67.6
Martinsburg[1, 5]	Maximum	88	74	77	79	84	82	66	66	75	79	80	77	84	84	82	81	82	81	76	73	73	68	69	76	82	84	85	81	81	86	75	78.4
	Minimum	63	55	50	51	55	59	60	57	59	59	62	59	57	62	62	66	62	63	57	54	52	50	49	52	51	55	61	62	59	63	61	57.6
Meadville 1/-1 S	Maximum	80	74	80	82	83	83	69	68	75	81	76	81	87	83	84	81	84	85	64	72	71	66	73	79	83	81	84	77	87	88	80	78.7
	Minimum	58	53	46	49	51	55	64	51	59	52	55	52	60	58	64	63	63	62	62	50	53	47	49	46	47	52	58	55	60	67	55	55.5
Mercer[1-2 5 NE	Maximum	80	71	76	80	82	82	71	66	71	78	75	78	84	82	82	77	81	84	66	72	71	66	70	77	80	81	83	76	84	87	78	77.1
	Minimum	55	49	45	51	53	59	55	53	59	56	55	54	60	62	63	63	62	62	57	53	52	49	46	48	50	54	63	57	52	62	53	55.2
Middletown[1-1.5 W	Maximum	93	82	81	84	90	90	77	73	84	85	83	81	86	89	88	86	84	88	86	78	74	78	76	83	86	88	88	83	86	93	84	84.1
	Minimum	68	61	56	59	61	63	67	64	61	68	65	63	61	63	70	69	69	69	67	61	59	60	54	53	58	60	69	68	66	67	71	63.5
Midland[6]	Maximum	86	74	79	82	85	83	74	72	69	80	79	81	87	85	84	80	84	87	70	74	72	68	73	80	82	84	86	80	81	89	82	79.8
	Minimum	64	55	51	53	56	60	60	58	61	60	59	59	62	58	58	65	65	66	61	58	52	54	50	52	54	58	64	60	52	63	62	58.4
Montrose 1/-3 E	Maximum	86	72	73	75	80	84	74	61	76	77	78	76	81	80	82	79	82	80	77	71	73	72	68	78	82	81	80	76	80	86	79	77.4
	Minimum	66	52	49	51	55	58	62	54	60	65	58	55	57	61	64	65	64	64	64	52	54	56	48	47	53	55	60	61	58	61	62	57.5
Mt. Pocono[1-2 N	Maximum	84	71	72	75	79	81	70	59	72	77	75	74	77	79	79	73	76	79	78	73	70	71	66	76	78	79	78	75	78	85	76	75.3
	Minimum	62	52	49	51	51	60	57	53	57	63	63	56	55	60	60	66	62	62	56	52	50	56	47	47	50	55	60	58	57	59	55	56.2
New Bloomfield	Maximum	90	81	81	89	88	91	79	72	83	84	83	81	86	88	82	81	86	86	85	78	76	76	75	82	85	87	88	84	86	92	88	83.6
	Minimum	55	55	48	50	52	57	64	60	55	62	55	55	55	62	65	68	62	66	52	52	57	60	47	45	54	54	59	65	59	62	65	57.3
Newburg[1-3.5 NW	Maximum																																
	Minimum																																
New Castle[6-1.5 N	Maximum	85	76	85	88	87	85	74	70	72	81	78	82	87	86	84	80	87	86	69	71	77	71	73	79	84	83	87	80	88	89	82	80.7
	Minimum	59	52	47	49	52	57	61	53	59	55	58	56	60	65	66	64	62	65	59	52	53	53	47	47	49	52	65	60	55	62	55	56.4
Palmerton[1]	Maximum	90	80	79	82	85	86	80	66	77	81	79	81	85	84	85	82	81	84	82	77	74	75	74	82	84	84	85	81	84	90	80	81.3
	Minimum	67	58	51	52	55	63	64	59	63	69	69	61	58	63	65	71	57	65	63	57	54	62	52	49	55	54	66	65	61	63	64	60.5
Park Place[1-1 NW	Maximum	84	75	73	74	81	81	71	62	72	75	74	75	80	78	79	76	79	78	76	72	65	71	67	75	79	79	79	77	79	85	74	75.6
	Minimum	61	54	50	54	57	61	59	53	54	64	60	56	59	61	63	63	62	63	58	53	56	52	46	53	59	61	61	60	60	64	56	57.8
Phila. Arpt.[1-7 SW	Maximum	91	84	82	85	90	90	83	74	80	84	81	85	89	89	88	88	84	87	81	81	81	79	77	83	87	87	88	83	88	94	86	84.8
	Minimum	70	67	60	62	63	68	69	65	65	69	70	66	64	69	70	72	69	69	67	63	61	67	59	57	58	62	67	72	67	69	72	66.1
Philadelphia C.O.[1]	Maximum	88	83	81	87	88	89	81	73	80	83	81	84	87	89	88	86	83	86	79	80	80	78	76	82	85	85	87	81	87	92	86	83.7
	Minimum	72	68	63	65	68	71	68	65	66	69	70	68	69	72	71	72	70	71	69	64	65	68	61	64	66	68	67	72	71	71	74	68.3
Phila. Shawmont	Maximum	90	90	84	85	89	90	90	79	82	83	82	81	89	88	88	87	86	87	83	82	82	80	80	82	87	88	87	85	87	94	87	85.6
	Minimum	68	66	55	57	59	85	70	64	61	70	70	62	65	68	71	74	72	67	60	70	58	65	52	52	56	60	65	72	64	64	70	64.9
Philipsburg[1-7 E	Maximum	85	72	73	78	79	80	67	66	72	77	75	75	81	78	78	73	76	79	74	69	70	67	68	75	79	79	80	76	80	86	75	75.5
	Minimum	57	44	39	42	41	56	56	55	57	61	57	53	48	58	59	63	60	58	51	47	45	46	43	38	42	48	56	58	56	64	53	52.0
Phoenixville-1.5 SE	Maximum	92	88	88	91	91	85	85	78	85	86	88	90	95	93	92	88	87	88	84	83	81	81	86	92	91	95	93	93	93	96	91	§88.7
	Minimum	64	62	52	57	64	64	64	63	60	69	68	61	59	69	69	72	80	66	70	59	56	64	47	64	50	67	68	64	64	60	63	§63.2
Pittsburgh Arpt.[1-7.5 SE	Maximum	88	77	78	83	86	85	70	66	74	82	79	77	86	85	87	82	85	85	72	75	72	65	72	80	83	83	85	83	84	88	80	79.9
	Minimum	64	59	54	57	58	64	62	56	59	59	61	60	61	65	65	64	67	66	59	57	57	51	50	53	59	60	64	65	61	65	58	60.0
Pittsburgh City Office[1]	Maximum	90	78	79	84	88	86	74	69	73	82	81	82	88	87	87	84	86	86	72	76	75	66	76	81	83	86	85	84	87	90	82	81.5
	Minimum	68	61	56	58	61	65	64	58	62	62	65	64	66	68	69	68	66	69	61	60	59	55	55	58	58	60	68	66	61	64	61	62.6
Port Clinton 1/	Maximum	92	80	80	82	82	86	79	70	78	82	80	80	84	84	84	83	83	84	84	78	74	75	73	82	84	86	88	82	86	92	80	81.8
	Minimum	65	57	48	50	53	61	62	59	54	60	62	62	55	61	62	60	65	64	65	55	52	54	50	47	49	53	55	65	60	60	67	57.8
Putneyville 1/-2.5 SE	Maximum	89	77	78	83	85	85	77	67	76	81	78	81	85	83	87	81	82	83	76	75	72	66	71	79	81	82	83	80	84	86	81	79.8
	Minimum	62	48	43	46	47	55	59	54	53	54	53	54	54	57	62	61	59	60	62	53	49	52	45	44	46	48	51	60	51	52	61	53.4
Quakertown-0.5 E	Maximum	90	86	79	83	87	90	85	71	77	81	81	82	85	87	87	85	84	85	85	76	78	77	75	80	84	85	87	82	86	90	86	83.1
	Minimum	65	60	50	51	52	61	64	59	55	64	67	59	57	63	69	69	65	61	61	56	52	63	50	46	51	53	61	67	58	61	69	59.3
Reading[1]	Maximum	93	83	83	85	89	89	82	73	81	85	83	83	88	90	87	87	85	87	85	80	77	79	76	83	87	87	88	86	88	94	83	84.7
	Minimum	71	63	58	60	60	68	67	62	61	71	68	63	64	68	71	71	68	66	67	62	60	64	56	55	59	63	69	69	68	70	71	64.9
Ridgway 1/	Maximum	89	75	80	84	85	89	73	66	72	84	81	79	86	84	85	80	83	83	76	72	74	67	73	80	84	83	84	81	86	91	83	80.4
	Minimum	61	49	44	44	45	53	60	56	57	53	51	54	53	56	60	62	60	59	69	53	47	52	51	43	45	46	49	61	53	55	66	53.6
Scranton[1]	Maximum	90	73	77	78	82	88	80	64	77	81	83	80	81	83	85	83	86	84	81	75	75	76	72	79	82	84	85	77	84	89	80	80.5
	Minimum	66	61	53	54	56	64	62	57	62	67	69	62	59	62	66	70	68	66	62	58	54	61	53	50	56	58	63	66	61	64	61	61.0
Selinsgrove	Maximum	92	82	81	83	87	90	85	71	80	82	82	82	86	86	87	82	85	86	84	81	71	76	73	81	86	84	86	83	85	90	89	83.3
	Minimum	63	56	50	51	53	62	62	60	60	62	64	59	57	62	65	68	66	65	63	59	54	56	47	48	52	54	60	60	62	62	68	59.0
Shippensburg	Maximum	91	80	82	84	89	91	78	70	83	83	85	81	87	88	85	86	87	87	85	80	78	76	75	83	87	88	88	84	88	92	86	84.1
	Minimum	67	58	51	53	56	61	65	60	58	61	58	59	59	65	69	66	66	65	53	56	60	50	50	54	57	64	67	62	66	68	60	60.3
Somerset	Maximum	84	74	75	77	82	83	73	67	73	78	78	76	82	83	84	81	80	81	78	73	73	73	69	75	81	80	82	79	82	85	82	78.2
	Minimum	62	48	39	40	45	50	60	54	57	52	50	54	59	61	56	60	55	61	62	50	45	51	46	39	41	43	54	61	54	60	62	52.6
Springs[6-1 SW	Maximum	83	71	72	74	80	81	67	61	70	75	75	74	79	80	80	78	79	78	71	72	71	63	66	72	77	79	80	75	77	82	70	74.6
	Minimum	59	49	42	43	47	51	60	53	55	51	50	54	52	60	56	58	55	58	58	51	46	50	46	40	44	47	52	60	53	57	60	52.2
State College[1]	Maximum	86	76	78	82	84	86	68	69	77	81	81	79	86	83	84	82	84	83	78	74	74	71	72	80	84	84	85	81	85	88	77	80.1
	Minimum	64	55	50	54	54	63	61	59	60	64	65	60	59	63	66	66	65	64	66	52	55	51	49	51	54	56	65	66	61	68	60	59.5
Stroudsburg-2 E	Maximum	93	93	80	85	82	90	82	80	79	80	83	82	84	85	87	86	83	84	86	83	83	78	81	78	85	89	89	86	88	92	82	§84.5
	Minimum	65	58	53	50	52	63	62	60	62	65	67	60	57	63	65	67	67	63	64	55	54	65	52	47	53	52	60	66	64	66	62	§60.0
Tamarack 1/-2 S	Maximum	85	70	75	85	80	83	74	62	72	76	75	77	82	79	77	74	77	77	76	65	70	67	66	76	78	78	86	77	82	85	79	76.3
	Minimum	64	51	47	48	54	56	60	53	54	55	60	56	56	58	61	63	62	61	61	50	50	53	46	45	48	55	58	60	54	56	62	55.4
Tionesta 1/-1.5 SE	Maximum	84	71	78	84	81	85	72	65	74	82	81	78	84	82	84	80	84	83	68	71	72	65	70	78	88	80	81	79	55	86	79	77.5
	Minimum	62	53	46	50	54	59	64	56	55	57	55	55	57	60	63	64	65	61	63	51	54	51	50	51	51	52	55	62	51	60	68	56.6
Titusville-2 S	Maximum	82	72	73	77	80	82	67	61	72	76	74	75	84	78	82	82	82	81	69	69	68	63	70	76	79	77	80	77	81	84	80	75.9
	Minimum	60	50	43	47	48	58	61	52	55	53	56	55	58	60	62	64	61	62	59	48	54	49	48	45	44	50	63	59	54	62	67	55.1
Towanda-1 E	Maximum	90	77	79	82	85	88	75	67	79	81	83	81	87	84	89	86	85	85	82	75	79	73	73	81	85	85	86	78	86	91	83	81.8
	Minimum	62	54	48	52	55	62	63	58	60	63	65	58	55	61	66	66	64	63	66	55	52	59	47	45	53	53	63	64	58	61	61	58.5
Tunkhannock 1/	Maximum	92	78	79	80	86	87	79	67	80	81	81	81	87	84	87	86	85	84	82	76	75	75	72	81	84	85	86	80	85	92	86	§82.0
	Minimum	64	55	48	50	55	61	64	55	56	64	65	57	56	59	63	64	64	63	66	55	51	59	46	47	52	54	56	64	58	60	64	§57.9
Uniontown	Maximum	90	80	80	85	88	87	74	68	78	83	80	82	87	86	90	85	84	86	77	76	76	70	75	79	86	86	86	82	83	89	83	82.0
	Minimum	67	57	51	52	52	61	64	58	59	59	60	61	62	66	67	65	66	68	66	57	53	55	50	49	49	53	62	65	60	65	69	59.6

Continued on page 56.

Daily Temperatures for July 1947—Continued from page 55.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Vandergrift[1]	Maximum	90	78	78	85	86	88	82	67	68	73	83	82	87	86	89	82	85	85	72	72	73	68	74	80	83	82	85	82	87	90	82	80.8
	Minimum	65	55	50	50	54	59	64	60	62	58	60	52	62	67	69	66	66	66	62	59	54	53	52	50	52	54	65	67	57	66	66	59.4
Warren	Maximum	90	78	82	85	87	88	79	66	75	85	83	82	88	83	89	82	83	86	74	78	73	65	72	82	86	86	84	79	89	92	83	81.7
	Minimum	63	52	49	49	50	58	58	57	56	57	56	52	57	61	67	64	64	62	58	52	51	53	49	44	48	52	62	61	51	60	66	56.1
Waynesburg	Maximum	87	79	79	83	87	84	74	73	76	81	79	80	86	94	93	84	83	85	78	75	75	67	73	79	84	83	83	84	84	87	86	81.5
	Minimum	59	49	43	45	47	55	62	57	53	54	54	55	53	60	61	59	60	61	66	51	51	45	41	43	52	52	64	63	55	56	62	54.5
Wellsboro/	Maximum	87	74	77	82	82	86	69	70	74	84	82	79	84	86	86	82	85	83	79	73	75	73	68	80	85	85	85	80	86	90	82	80.4
	Minimum	59	48	45	47	50	53	59	56	56	56	58	55	53	58	60	65	63	59	64	55	50	51	48	41	44	50	53	61	55	55	61	54.5
Wellsville	Maximum	91	81	79	83	86	88	77	73	82	83	82	81	85	87	84	85	85	85	84	80	76	75	74	80	83	83	85	84	85	90	86	82.6
	Minimum	65	58	50	52	52	58	64	62	57	62	66	61	56	65	65	69	65	65	69	58	60	62	47	48	52	56	62	66	61	62	67	60.1
West Chester	Maximum	90	83	81	84	88	90	81	74	82	83	82	84	87	87	88	86	86	86	84	81	81	79	75	83	87	86	87	84	87	92	85	84.3
	Minimum	67	67	55	60	60	66	67	61	62	69	67	61	61	67	69	68	69	67	68	59	59	63	55	53	57	60	62	59	64	66	70	63.2
Wilkes-Barre Arpt.[1-3N]	Maximum	90	75	77	81	83	89	79	64	79	81	80	80	80	84	84	82	84	84	80	77	74	75	72	80	83	86	85	80	84	89	79	80.6
	Minimum	66	59	52	53	58	62	62	55	61	66	67	61	59	62	65	68	67	65	60	57	54	60	52	51	55	56	65	65	60	65	61	60.3
Williamsport Arpt.[1-4 E]	Maximum	90	77	79	80	84	88	71	70	78	81	82	81	86	83	86	77	84	83	81	74	76	74	71	81	84	85	85	81	85	90	80	80.9
	Minimum	63	54	50	52	57	67	61	61	62	66	66	58	60	62	69	68	67	64	64	57	54	56	50	50	53	56	62	65	62	61	62	60.0
Williamstown	Maximum	91	86	80	85	86	89	87	72	78	80	80	79	84	86	86	83	84	85	84	79	76	75	75	79	82	85	86	82	85	90	88	§82.8
	Minimum	62	57	47	48	50	60	64	60	55	66	66	56	55	60	69	69	70	68	67	60	51	59	48	45	50	53	61	65	59	60	65	§58.7
York-3 SW	Maximum	95	86	84	86	90	92	83	74	86	84	84	83	89	90	86	89	90	90	87	84	80	79	78	85	89	90	89	88	87	93	91	86.5
	Minimum	67	58	52	47	54	60	68	64	57	65	67	61	58	66	69	70	67	60	70	57	57	62	48	50	53	57	63	68	61	64	67	60.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.38	25	29.65	18	7.3	24	sw.	27	83	71	75	37	15
Harrisburg	30.41	25	29.69	19	6.7	32	sw.	6	82	55	70	62	1
Philadelphia	30.38	25	29.69	19	7.4	19	sw.	27	86	56	69	56	0
Philipsburg	30.45	25	29.70	19	.....	27[8]	sw.	6	90	64	80	.....	88
Pittsburgh	30.40	25	29.70	19	8.4	33	nw.	1	83	59	66	49	16
Reading	30.39	25	29.67	19	8.8	35	nw.	2	77	.....	.....	56	0
Scranton	30.40	25	29.70	31	5.2	43	nw.	1	82	59†	.....	30	10

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. [8] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	4.2	8.0	9†	2.1	7	18
Easton	Delaware	5.8	12.2	9	2.0	7	22
Lehighton	Lehigh	5.1	11.2	8	3.0	7	9
Reading	Schuylkill	6.8	12.4	8	4.0	6	13
Wilkes-Barre	N. Br. Susquehanna	5.9	9.7	10	3.4	7	22
Williamsport	W. Br. Susquehanna	2.7	4.1	17	1.4	1	20
Newport	Juniata	4.2	7.4	17	3.5	7	22
Harrisburg	Susquehanna	4.5	5.3	12	3.7	2	17
Scheuley, (nr) Lock No. 5.	Allegheny	12.6	13.9	25	12.0	7	24
Sutersville	Youghiogheny	3.7	6.0	15	2.8	6	20
Charleroi(nr.), Lock No. 4	Monongahela	12.0	15.4	19	10.8	6	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																															
Fog, heavy	7							4			3		7				4	10	9			5	4			3	4	3	4	10	
Frost, killing																															
Glaze																															
Hail	1			2								1			1			1				2					3		2		2
Rain, heavy	1						5	1			1					5	1	1				1								1	
Sleet																															
Snow, heavy																															
Thunderstorms	31	11	1	23	6	21	15	3	14	10	31	30	37	28	31	38	37	34	14	2	13	16					36	15	12	12	32
Winds, high	7	3																				3									3

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

(W. B. O., Philadelphia—10-29-47—1100)

T1.05
VP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

L. F. CONOVER
HARRISBURG, PA.

VOL. LII. AUGUST 1947. No. 8.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

Summer arrived about six weeks late. The cool weather of the previous months offered no preparation for August's heat and humidity. This was the warmest August since 1900 and the second warmest in 60 years of record. It was the hottest month since July 1935; quite a contrast to August of last year, which was the second coolest of record.

Normally, August is two degrees cooler than July. This year it was four degrees warmer. Extreme temperatures were generally higher than at any previous time this year, and there were more days with 90° or above than in the three previous months together. Except for a cool spell during the first few days, during which the monthly minima were recorded, practically every day showed a temperature excess. The warmest part was in the middle of the month. Nights as well as days were hot and uncomfortable, as unusually high relative humidity accompanied the high temperatures. Sunshine was below normal, owing mostly to convective cloudiness caused by local heating.

Thermally induced thunderstorms occurred somewhere in the State on all but three days, and were reported most generally on the 9th, 26th, and 30th. Periods of precipitation were fairly evenly spaced, but amounts were spotty. At Philadelphia, the Weather Bureau City Office recorded almost double that of the Airport Station about seven miles away.

Thunderstorms were responsible for four deaths and minor property damage. At Carlisle on the 9th, the Carlisle Hospital was darkened for three hours after lightning had struck a transformer. Doctors and nurses worked by candlelight. On the 12th at Pennsburg, two baseball players died shortly after being struck by lightning during a ball game. Five others were felled momentarily by the bolt. At Oil City a swimmer was killed by lightning on the 20th. On the 26th a nine year old boy was killed by lightning at Bedford, while on the same day another nine year child survived being struck on the arm by lightning. Its arm was temporarily lamed. At Harrisburg on the 31st, a man suffered first degree burns from electric shock while using the telephone during a thunderstorm. Property damage during the various storms was mostly owing to fires set by lightning.

Although there were no floods on the main rivers, two steam railroads serving the Wyoming Valley were knocked out of commission by landslides and swollen waters as a result of heavy rains during a thunderstorm at Wilkes-Barre on the 17th. Street car service on the Nanticoke line was suspended for about a week. Plymouth trolley car service was curtailed because of roaring waters which came from the hill sections and covered Main Street. Trackless trolley lines at Sugar Notch and the substation at Ashley were hit by lightning, but service was not interrupted. A stone arch bridge over Black Creek, near Nanticoke city limits was washed out.

The warm August counterbalanced the cool June and July weather, and brought the three summer months to near normal. Precipitation for the period was above normal.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 81 stations was 74.0°, which is 3.7° above the 60-year normal for August. The highest monthly mean was 80.3° at Farrell and the lowest was 67.8° at Wallenpaupack Dam. Extremes ranged from a maximum of 100° at Farrell on the 12th and 13th, to a minimum of 37° at Mount Pocono and Wallenpaupack Dam on the 2d.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 209 stations, was 3.85 inches, which is 0.30 inch below the 60-year normal for August. The greatest monthly amount was 11.46 inches at Farrell, while the least was 0.87 inch at Holtwood. The greatest amount recorded in any 24 consecutive hours was 3.66 inches at Farrell on the 14th.

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	69.8	100	33	7.05	.....	10	13	10	8
1889	67.4	100	37	3.24	.....	8	15	10	6
1890	68.8	98	34	5.76	.....	12	9	14	8
1891	69.6	99	35	5.09	.....	12	8	12	11
1892	71.4	99	42	3.77	.....	9	14	7	10
1893	70.4	99	30	4.50	.....	8	14	10	7
1894	69.4	98	32	1.84	.....	6	13	12	6
1895	72.3	101	32	3.23	.....	9	15	11	5
1896	71.2	101	35	2.22	.....	8	14	11	6
1897	67.9	97	34	3.17	.....	9	14	11	6
1898	72.3	99	37	6.60	.....	12	11	11	9
1899	71.2	101	38	4.01	.....	7	14	10	7
1900	75.0	103	38	3.33	.....	9	14	12	5
1901	72.0	99	42	6.81	.....	11	10	12	9
1902	67.8	100	34	2.62	.....	8	13	13	5
1903	67.2	99	36	5.29	.....	14	9	12	10
1904	68.0	96	34	4.36	.....	9	15	10	6
1905	69.6	95	36	5.71	.....	12	12	12	7
1906	73.2	96	39	5.62	.....	12	10	12	9
1907	68.0	97	32	2.94	.....	10	16	9	6
1908	69.4	102	30	3.22	.....	7	15	10	6
1909	69.4	100	34	2.31	.....	7	16	9	6
1910	69.8	98	35	2.61	.....	6	14	10	7
1911	71.4	102	36	7.63	.....	13	11	8	12
1912	67.1	93	36	5.02	.....	14	9	12	10
1913	70.4	102	38	2.69	.....	8	17	9	5
1914	71.3	100	34	3.85	.....	11	13	11	7
1915	68.0	99	34	6.71	.....	15	10	11	10
1916	71.9	103	32	2.57	.....	8	17	10	4
1917	71.2	101	38	6.69	.....	10	15	10	6
1918	73.6	108	32	4.12	.....	11	16	10	5
1919	68.2	94	35	5.43	.....	12	13	10	8
1920	70.2	95	37	4.66	.....	15	9	12	10
1921	68.4	97	35	3.83	.....	9	17	8	6
1922	69.1	100	31	3.14	.....	10	15	9	7
1923	69.2	96	30	3.10	.....	9	15	11	5
1924	70.1	102	31	3.78	.....	9	16	10	5
1925	69.7	97	26	2.28	.....	7	18	9	4
1926	71.9	103	32	5.69	.....	15	11	8	12
1927	65.5	92	34	4.12	.....	12	12	10	9
1928	73.4	99	35	4.60	.....	12	13	11	7
1929	67.7	98	31	2.52	.....	7	17	8	6
1930	70.3	108	29	1.47	.....	7	15	10	6
1931	71.1	104	40	4.01	.....	12	11	10	10
1932	71.6	103	34	2.82	.....	8	19	8	4
1933	70.8	104	38	7.61	.....	12	13	9	9
1934	68.6	98	30	4.94	.....	11	14	8	9
1935	71.3	98	31	3.91	.....	11	13	10	8
1936	73.2	102	37	4.96	.....	12	13	11	7
1937	73.5	101	40	5.43	.....	12	13	9	9
1938	73.8	100	36	2.90	.....	8	17	10	4
1939	73.3	98	41	2.98	.....	8	15	10	6
1940	68.8	98	30	4.57	.....	11	11	9	11
1941	68.8	101	31	4.35	.....	8	17	9	5
1942	69.5	96	27	4.53	.....	11	10	11	10
1943	70.8	101	33	2.72	....	8	14	11	6
1944	71.5	103	30	2.56	.....	9	13	11	7
1945	69.3	99	34	3.79	....	9	14	10	7
1946	66.9	94	30	3.87	.....	10	9	12	10
1947	74.0	100	37	3.85	.....	10	11	10	10
Period	70.3	108	26	4.15	.....	10	14	10	7

Climatological Data for August 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 9-4 NE	Lehigh	384	6	74.3	+2.2	95	13	49	2	2.63	−1.77	0.91	12-13	0	11	8	11	12	e.	U.S. Weather Bureau.
Altoona-4.5 W	Blair	1,500	61	72.6	+3.5	90	12†	47	2	5.23	+1.79	1.45	9	0	12	10	15	6	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	5	74.2	.....	97	14	48	2	4.38	.....	1.64	20	0	10	11	5	15	se.	Penna. Turnpike Comm.
Canton-1 NW	Bradford	1,450	7	71.0	.....	92	12	41	2	5.39	.....	1.56	25-26	0	10	18	1	12	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	75.8	+3.0	95	14	51	2	3.45	−0.95	2.25	30	0	5	18	5	8	ne.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	51	74.9	+2.5	95	15†	51	2	5.81	+1.93	3.20	20	0	10	16	8	7	s.	Charles A. Bender.
Coatesville	Chester	431	59	74.2	+1.4	94	26	50	2	3.23	−1.35	1.17	16	0	9	12	5	14	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	4	70.7	.....	88	12†	45	1	4.11	.....	1.32	25-26	0	14	2	10	19	se.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	5	68.4	.....	84	12†	47	2†	4.95	+0.51	1.89	13	0	13	9	12	10	sw.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	9	70.9	.....	88	14	52	1	5.95	+1.82	1.96	26-27	0	12	11	7	13	se.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	60	74.1	+6.5	93	25	42	2	3.49	−0.24	0.99	9	0	14	8	7	16	se.	R. E. Palmateer.
Ephrata	Lancaster	365	49	76.4	+3.9	96	13†	52	2	1.79	−2.85	1.20	30	0	5	14	10	7	w.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	24	75.3	+5.6	95	12	53	1†	3.41	−0.41	1.45	17-18	0	13	5	4	22	s.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	53	71.0	+4.2	88	12†	46	2	2.77§	−1.38	0.81	27	0	12	7	2	22	w.	Andrew B. Evansha.
George School	Bucks	184	40	73.8	+1.6	93	13†	51	2	5.76	+1.17	1.71	16-17	0	11	11	9	11	e.	George M. Hart.
Gettysburg	Adams	553	73	74.6	+2.2	91	14	55	2	2.08	−1.93	0.79	26-27	0	11	16	7	8	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	72.0	+3.6	92	25	42	2	2.13	−2.27	1.14	30-31	0	11	13	8	10	e.	Miss Sallie M. Johnson.
Hanover	York	600	42	75.8	+2.2	95	13	55	2	1.28	−3.03	0.48	16-17	0	11	16	4	11	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	77	76.4	+3.8	96	25	58	2	3.24	−0.80	2.03	30-31	0	8	8	8	15	sw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	36	71.8	+3.8	93	13†	43	2	2.12	−2.00	0.61	9	0	9	15	10	6	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	31	77.4	+2.3	95	15†	59	2	0.87	−3.35	0.47	16	0	9	10	10	11	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	74.8§	+4.1	95	12	52	1†	8.77	+4.90	2.10	30-31	0	13	10	11	10	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	59	74.0	+1.6	94	15	49	2	2.94	−1.41	1.09	30-31	0	6	13	10	8	se.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	49	74.1	+5.7	95	12†	42	2	4.81	+1.01	1.62	21	0	8	16	10	5	....	Carlos P. Darling.
Lebanon	Lebanon	469	62	75.1	+2.9	95	13†	50	2	3.28	−1.06	1.80	30-31	0	9	20	7	4	sw.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	8	76.2	.....	97	14	52	2†	2.54	.....	0.93	30-31	0	11	16	9	6	ne.	American Viscose Co.
Lock Haven	Clinton	557	55	76.5	+5.1	95	12†	48	2	1.89	−2.16	0.65	30	0	11	14	9	8	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	78.2	+1.6	97	8	59	2	2.55	−3.01	1.06	16-17	0	10	8	9	14	sw.	Sun Oil Co.
Martinsburg[8]	Blair	1,493	4	73.0	.....	92	14	52	1†	3.17	.....	1.16	26	0	15	3	15	13	s.	U. S Weather Bureau
Montrose-3 E	Susquehanna	1,176	41	70.8§	+4.0	93	13	41	2	2.65	−1.44	1.09	8-9	0	13	9	4	18	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	5	68.1	+4.1	86	13†	37	2	2.88	−1.63	1.04	27	0	11	6	8	17	se.	U. S. Weather Bureau.
Palmerton	Carbon	455	28	72.4	+1.8	90	14†	46	2	3.37	−0.73	1.44	7-8	0	10	8	15	8	ne.	New Jersey Zinc Co.
Philadelphia C. O	Philadelphia	26	76	76.4	+1.6	93	15	61	2	7.15	+2.53	2.06	9	0	11	10	10	11	s.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	4	69.2	.....	90	12	41	2	7.01	.....	2.34	20-21	0	16	2	12	17	se.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	37	77.2	+3.6	98	27	48	2	2.98	−1.92	0.75	16-17	0	7	14	13	4	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	8	72.9	+1.7	95	14	45	2	1.71	−3.46	0.82	30	0	12	17	0	14	....	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	61	72.0	+1.6	93	13	44	2	3.08	−1.43	1.16	29	0	10	11	13	7	nw.	John E. Benner.
Reading	Berks	273	76	76.4	+3.5	95	13	54	2	3.61	−0.60	1.72	13	0	8	9	9	13	se.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	74.0	+4.2	92	14	47	2	1.39	−2.30	0.46	30	0	11	8	13	10	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	56	74.0	+2.6	93	14	42	2	3.62	−0.32	1.96	30	0	8	4	10	17	w.	Dr. Merle V. Hoover
State College	Centre	1,217	61	74.3	+5.4	93	12	50	2	2.97	−0.50	1.21	30	0	11	6	7	18	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	27	.....	....	95	14†	45	2	2.63	−2.23	0.73	16	0	10	13	9	9	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	6	70.4	.....	88	12	47	1†	1.79	.....	0.68	9	0	10	7	12	12	e.	James E. Swartz.
Towanda-1 E	Bradford	754	52	73.6	+5.0	95	12	44	2	3.00	−0.34	1.26	9	0	11	10	12	9	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	76	72.8	+6.4	95	12	40	2	3.45	−0.08	1.39	21	0	7	9	8	14	w.	M. S. Bliss.
West Chester	Chester	440	97	75.7	+3.5	94	15†	55	2	3.46	−1.27	0.71	16-17	0	11	11	12	8	sw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N	Luzerne	544	8	73.4	.....	93	12†	46	2	2.95	.....	0.81	16-17	0	12	5	12	14	e.	U. S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	2	73.9	.....	94	12	45	2	4.12	....	1.20	30	0	8	4	12	15	n.	U. S. Weather Bureau.
Williamstown	Dauphin	775	30	73.8	+3.1	92	13†	45	2	5.55	+1.33	2.35	9	0	6	3	24	4	....	Gordon E. Lower.
York-3 SW	York	390	58	76.6	+3.9	97	12†	48	2	2.66	−1.65	1.38	4	0	8	15	5	11	s.	York Water Co.
Division mean			....	**73.8**	.....	**98**	**13†**	**37**	**2**	**3.53**	.....	**3.20**	**20**	**0**	**10**	**11**	**9**	**11**	sw.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	11	72.8	.....	90	13	51	1	6.09	+2.10	1.29	17	0	13	3	12	16	w.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	29	71.2	+4.6	89	14†	40	1†	3.90	+0.56	1.40	15-16	0	14	7	16	8	se.	City Water Dept.
Brookville Apt.-1.5 SW	Jefferson	1,400	56	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Civil Aeronautics Authority
Butler	Butler	1,077	33	76.4	+6.4	96	13	49	1	4.67	+0.82	1.62	30-31	0	8	12	17	2	se.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	36	74.0	.....	94	12†	45	1	4.06	+0.15	1.27	21-22	0	9	7	9	15	e.	Penna. Electric Co.
Claysville	Washington	1,170	43	74.6	+3.3	92	12	42	1	2.90	−0.98	0.98	26	0	11	8	17	6	nw.	Walter B. Paget.
Corry	Erie	1,410	32	74.6	+7.6	94	13	44	1†	2.40	−1.08	1.33	25-26	0	7	6	18	7	sw.	Geo. R. Mulderick.
Coudersport	Potter	1,653	22	71.9	+5.7	91	12†	44	1	5.12	+1.73	1.41	4	0	9	14	13	4	s.	Potter Enterprise.
Derry	Westmoreland	1,150	49	75.8	+6.5	93	13	53	2	4.05	−0.17	0.94	17	0	11	22	9	0	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	70.6	.....	88	19	47	2	4.42	....	1.64	3	0	12	3	28	0	w.	Penna. Turnpike Comm.
Donora	Washington	761	20	78.5	+4.8	94	13†	55	1	4.15	+0.38	1.18	25-26	0	10	14	11	6	w.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	71.7	+5.0	89	12	47	1	3.58	−0.46	0.81	8-9†	0	15	3	5	23	se.	John L. McGough.
Farrell	Mercer	855	33	80.2	+9.1	100	12†	55	1	11.46	+7.78	3.66	14	0	8	15	5	11	sw.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	3	74.0	.....	92	12	47	1	5.28	....	1.55	30-31	0	14	19	1	11	e.	U.S. Engineers.
Franklin	Venango	987	72	75.2	+6.8	94	12	48	1	2.71	−0.95	0.91	21-22	0	8	15	10	6	w.	William K. Fuller
Greensburg-2 S	Westmoreland	1,160	37	73.6	+2.8	91	13	50	1	4.76	+0.57	1.41	17	0	12	23	1	7	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	45	74.2	+4.3	92	12†	49	1†	4.21	+0.17	1.73	19-20	0	11	4	22	5	nw.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	5	75.2	.....	94	12†	47	1†	3.40	−0.32	1.46	29-30	0	10	....	..	..	e.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	76.7	+5.6	96	12	53	2	3.25	−1.14	1.36	19-20	0	10	12	16	3	s.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1,750	31	70.0	....	90	19	38	1†	4.30	+0.69	1.88	16	0	9	10	6	15	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	52	75.0	+7.3	95	12†	43	2	3.59	−0.06	1.53	14	0	10	7	17	7	sw.	City of Meadville.
Midland	Beaver	780	10	76.8	+4.6	95	18	54	1	5.55	+2.01	1.24	7	0	10	12	5	14	se.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	66	75.8	+5.3	96	12	49	1	5.60	+2.26	2.36	30	0	10	17	11	3	s.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,286	13	76.6	+5.3	93	13	53	1	1.42	−1.81	0.61	21-22	0	11	2	13	16	s.	U. S. Weather Bureau.
Putneyville-2.5 SE	Armstrong	1,270	3	72.3	.....	92	13	44	1	4.08	....	1.34	26	0	9	14	5	12	w.	U. S. Engineers.
Ridgway	Elk	1,385	39	73.2	+6.7	94	12†	43	1	2.81	−0.89	0.85	21	0	10	5	8	18	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	71.0	+4.1	91	12	47	1	7.73	+3.24	2.28	19-20	0	13	4	12	15	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	27	68.8	+3.1	86	19	44	1	5.81	+1.20	2.32	19-20	0	13	3	8	20	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	9	74.8	....	94	13	47	7	3.95	+0.95	1.63	20	0	11	22	4	5	sw.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	3	72.1	.....	92	19	41	1	2.30	.....	0.78	29	0	11	2	28	1	se.	U. S. Weather Bureau
Uniontown	Fayette	1,040	58	76.6	+4.7	93	13	56	2	3.60	−0.92	1.74	3	0	14	7	22	2	s.	William W. Marsteller.
Warren	Warren	1,190	58	75.4	+7.6	96	13†	45	2	4.37	+0.64	1.48	8-9	0	10	18	13	0	w.	Merrell L. Jordan.
Waynesburg	Greene	1,100	17	74.6	+2.8	93	12†	48	5	2.98	−0.95	1.24	3-4	0	10	10	17	4	w.	Mfr's Light & Heat Co.
Division mean			....	**74.2**	.....	**100**	**12†**	**38**	**1†**	**4.33**	.....	**3.66**	**14**	**0**	**11**	**10**	**12**	**9**	w.	
Lake Drainage																				
Albion	Erie	900	3	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Albion High School
Erie	Erie	705	73	76.4	+6.8	94	7	55	2	2.06	−1.21	1.06	29-30	0	6	18	6	7	se.	U. S. Weather Bureau.
State mean			....	**74.0**	**+3.7**	**100**	**12†**	**37**	**2**	**3.85**	**−0.30**	**3.66**	**14**	**0**	**10**	**11**	**10**	**10**	w.	

[See page 64 for explanation of reference marks.]

Daily Precipitation for August 1947

Stations	Counties	Day of month																											Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	.03									.05							.20	.06			.44	.02					.60	T.			.10	1.50
Equinunk[2]	Wayne	.06								.15	.49					.38	.62	1.26	.01		T.	.30	.05					.02				.18	3.52
Hawley[2], 0.5 E	Wayne	.33								.41	.61					T.		.23	.07		.01	.40	T.					.02			T	.04	2.12
Hollisterville[2]	Wayne	.73					T.			.61	1.09				.05	.73		.03	.02	T.	.01	.06	.01					.02	.01		T.	.11	3.48
Lakeville[2], 1 N	Wayne	.28								.03	.07				.02	.09		.04	.12	.09	.06	.02	.04						.05			.04	6.95
Matamoras[2]	Pike	.16									.41							.42	.04			.49						.09					1.61
Milanville[2]	Wayne									.79	1.27					.09	.34	2.67				T						.05			T.	.15	5.36
Mount Pocono[1, 5], 2 N	Monroe							.84	.05					.07	.09		.06	.22	.05	T.	.04	.05				T.	T	1.04			.37		2.88
Pecks Pond[2]	Pike	.04							.56						.35	.25		.37	.02			.16	.04					.05			T	.11	1.95
Pleasant Mount[1, 5], 1 W	Wayne							.65	1.39							.53			.08		.26											3.21
Stroudsburg, 2 E	Monroe								.24						.17			.73		.05	.09	.02				.02	.47	.56				.28	2.63
Tanners Falls[1, 5], 1 SE	Wayne							.85	1.02					.58	.14		.33	.02				.32										3.36
Wind Gap[1, 5], 3 SW	N'rthampton							.01							.50		.16	1.14			.71					.33	.05				.74		3.64
LEHIGH																																	
AllentownApt[1, 5, 9], 4NE	Lehigh							.17	.04	.03			.03	.90			.05	.05	T.		.49	T.				T	.12	T.			.69	.06	2.63
Allentown[2]	Lehigh	.01							.48	.01	.09			1.02	.40			.30	T.			.55	.01					.34				.93	4.14
Bethlehem[1]	N'rthampton							.04	.03	.05			.43	.68			.10	.15	.01	.01	.58					.01	.05				.57	.02	2.73
Blakeslee Corners[1, 5]	Monroe							.59		.57								.13	.32			.10					.05	.53			.48		2.77
Gouldsboro[2]	Wayne	.12								.06	.12				.27	.48		.33	.06		.02	.46	.02									.22	2.16
Lansford[2]	Carbon	.08									.10				.14				.08			T.	.05				T.	.68	.09		•	1.50	2.72
New Tripoli	Lehigh							T.	.08					.06				.11	.02								.55			1.18	.10	2.10
Palmerton[1, 5]	Carbon							1.42	.02				.06	.76	.09		T.	.12								.06	.04			.79	.07	3.37
Zionsville, 1 SW	Lehigh							.02			.10			.20				.05			.95						.10			.90	.10	2.42
SCHUYLKILL																																	
Conshohocken[2]	Montgomery								.37	.78					.05			2.00				.73	.02					1.30				.73	5.98
Fredericksville[2], 1 S	Berks	T.							.07	T.	.19			1.30	.04			T.	.03	T.		.01						T.	.01	.02	.44	.77	2.88
Geigertown[2]	Berks								.93					.55	.18			.47				.33						.09				1.35	3.90
Gratersford[2]	Montgomery								.16	.10	.82				.96			.27				.48						.17	T.			1.24	4.20
Phoenixville[2], 1.5 SE	Chester	T.							.68	T.	.08				.05			.75				.53							.16	T.		.73	2.98
Port Clinton[2]	Schuylkill	.05							.06		.31			.31	.08						.02	.01	.01					.07	.02		.22	.60	1.71
Pottstown[2], 0.5 S	Montgomery								.29		.77			.30	.52			.08				.17						.01				.83	2.97
Pottsville[2]	Schuylkill	.13							T.		.17				1.65						T.						.18	T.		60	.30	3.03
Reading[1, 5]	Berks							.31	.05	.65				1.72			.04	T.	T.	T.	T.					T.	.05	T			.72	.07	3.61
Strausstown[2]	Berks	.01									.08			.99	.07						.05		.01			.10	.04			.40	.62	2.37
Virginville[2]	Berks	.05							.23		.60	.01										.12	T.				.57	.01	.39		.42	.81	3.21
Wernersville	Berks				.10			.07	.18		.02			.06	T													.07			1.02	15	1.68
LOWER DELAWARE																																	
Coatesville[2]	Chester				T.	.11			.14	.11	.12			.28	.13			1.17	T.			T.										.76	3.23
Doylestown	Bucks							.31	.11		1.31			.06			.31	.57	.02		.14	.02	T.			.09	.41	T.				3.32
George School[6]	Bucks							1.35	.23		1.17			T				1.71			.19	.05				.81	.05	T		.33		5.76
Maple Glen[7]	Montgomery							.03	.52	.05	.45							1.57	01			.18					.34	.19		.21	.01	3.77
Marcus Hook[2]	Delaware								.03	.02	.01				.04			1.05	.01			.16	T.				.14	.23		.35	.24	2.55
Philadelphia Southwest Airport, [1]	Philadelphia							.10	.26	.26				T.			1.35	.41	T.		.73	.06	T.				1.05	T.	.16		.02	3.65
City Office[1, 5]	Philadelphia							.33	1.27	2.06						.89	.17				.17	.02	T.			.33	.03	.05		.06	.01	7.15
Shawmont	Philadelphia							.10	.10	.25	.70					T.	1.47				.65	.02				.27	.01	.11		1.85		5.73
Quakertown, 0.5 E	Bucks							.30						.10			.11	.45	.05		1.16	T.				T.	.75	.62		1.07		5.78
West Chester	Chester							.63	.40	.02	.60							.71			.15					.12	.09			.64	.06	8.08
West Grove[2], 1.5 SE	Chester									1.35	1.56							1.15				.14				.05	.05	.20		.45	.20	3.46
Susquehanna Basin																											.87	.04			.30	5.41
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga									1.10				1.24		.12	.37			.38	.01	.55					.13				.76		4.66
Covington[2]	Tioga										.31							.64			.73	.06	2.28					.54				.72		5.28
Lawrenceville	Tioga									.14				.35		1.52	.20			.22		1.62					.12				.64		4.81
NORTH BRANCH																																	
Berwick	Columbia	.38							.30	1.99	T.						.10	.06			.05					.18	.06			.60	.03	3.75
Canton[2], 1 NW	Bradford									T.	.64						.04	.57			.30		.66			1.50	.06	.03		.72		5.39
Danville[2]	Montour	.12									.82			.86				.03			.12		.12				.05	.03		.77	.11	2.17
Freeland[2]	Luzerne	.15					T		T.	.48	.22						.18	.02	.13	.06	T.		T.		.09		.78	.03		•	.63	2.77
Hop Bottom[2], 2 S	Susquehanna	.50									.70					.22			.28		.07		.01								.57	2.35
Millville[1, 5]	Columbia									.24							.14			.06		.51								.40		1.35
Monroeton[2], 2 S	Bradford	.13									1.17					.04	.06	1.14	T.		.16		.31	.03						.49	.20	3.73
Montrose[2], 3 E	Susquehanna	.28								.56	.53				.03		.42	.10			.03	.01	.03				.01		.08	.02	.55	2.65
Orwell[2], 3 N	Bradford										.11					.09	1.81	.49			.41		.28				.32		.03		.02	4.40
Park Place[1], 1 NW	Schuylkill							T.	T.	.12	.84			.24			T.	.02	.01	.01	.01	.06				T.	.06			.81	.01	1.38
Pikes Creek[1, 5]	Luzerne									.83							.15	2.03		.18		.10				1.68		.11		1.30	.06	6.44
Rush[2]	Susquehanna	.01								.01	.40						.04	.04	.03		.07		.63	T.			.02			.77	.01	2.03
Scranton[1, 5]	Lackawanna								.08	.26					.09		.06	.27		.06	.01	.01	.02			.07				.46	T.	1.39
Susquehanna[2]	Susquehanna	.29									1.59						.38	.97	.01		.02		T.						.16	.30	.14	3.86
Towanda, 1 E	Bradford								T.	1.26	T.				.01	.09	.30	.01		.33	.02	.21	.02			.05	T.	T.		.70		3.00
Tunkhannock[2]	Wyoming	.57									.19				.15	.23		2.22			.43		.12					.03		.40	.10	4.47
Wilkes-Barre[1], 3 N	Luzerne							.07	.03	.40					.28		.01	.80		.74	.01	.01	T.			.03	T.	T.		.55	.02	2.95
WEST BRANCH																																	
Bellefonte[2]	Centre									.15							.42				.75	.35					66			.65	T.	2.98
Carrolltown[2]	Cambria	.64							1.30	.37								.32	.27		.14	.25	1.40	.27			1.70	T.		.10	.70	7.46
Carter Camp[2]	Potter				T.	.15				.65					.18	.12	.08				.22		.35			.31	.25			.27	.06	2.64
Cedar Run[2]	Lycoming	.03								.22						.02	.55				1.15		.33	.02		.53	.22			.62		3.69
Clearfield[2]	Clearfield	.05			.11	.27				.01				T.	.01		.47	.29	.54		.05	.96	.15	.01			1.02	.02		.72	.11	4.79
Coalport[2]	Clearfield	T.								•					.17			.08			.05	.85		1.03			1.52			.93	.50	6.03
CurwensvilleApt[1] 6NW	Clearfield				T.			.01	T.			T.	.09		.43	.37	.84	T.	.39	.20	.01	T.	T.		.34	.98	.04	.01	.08	.32	T.	4.11
Driftwood[1, 5]	Cameron			1.43	.70				.35						.06	.08	.16		.79	.01	.11				•	•				•	.35	4.04
Dushore[1, 5]	Sullivan							.88	.99					.30		.18				.19		.19			.04	.01				.80		3.58
Eagles Mere[2]	Sullivan	.20							.04	.16					1.89	.03		.93	.04		.29		.32	.06		T.		.04		.34	.61	4.95
Emporium[2], 1 E	Cameron				.25	.22				.99	.05	.02	.03			.04	.19	.14	.05		.27		.94					T		.29	.01	3.49
English Center[1, 5]	Lycoming								.56						.26	.26	.48			.80		.12			.15	.12	.04			.47		3.26
Galeton	Potter				T.				1.10					1.70		T.	1.50	.42	.04	1.44	.12	.24	.32				.30	T.	.02		T.		7.20

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield	.09				T					.70			T.	.03		.20	.41	.88		.06	.27					T.	.03			1.22	.16	4.05
Lock Haven[2]	Clinton	.05									.21				.21		T	.13	.04		.21	.02	.01					.36			.64	.01	1.89
Medix Run[1, 5]	Elk			.25						.21						.44	.15	.11		.02	.05	.01					.10			.02	21		1.57
Philipsburg[1, 5, 7] E	Centre			T.					1.46					.38	.04	.26	.13	.72	T.	.05	2.29	.06	.04			.24	.28	T.	01	.08	.99	.05	7.01
Renovo[2]	Clinton	.70			.02					1.16							.12	.13	.19		.35		.12				.06				.36	.04	3.25
State College[1, 5]	Centre								.10			T.	.24		.46	T.	.01	T.	.03	.50	T.	T.			.01	.35		T.	.04	1.21	.02	2.97
Tamarack[2], 2 S	Clinton	.20			T.					.68			.02				.15	.08	T.		.28		.10					.08	04	T	16	T	1.79
Trout Run	Lycoming								T.	.48							.84			1.78		1.05				.46	.64	.48		.24		5.97
Tyrone[1, 5], 4 NE	Blair			.02					2.28				.22	.54	.33			.80			.27					2.68		.10	.14	1.62	.07	9.02
Wellsboro[2]	Tioga						T			.12								.10			.96		1.39	T.	T.		.11	.27			.50		3.45
Williamsport Apt.[1] 4 E	Lycoming								.58				T.	T.			.80	.02	T.	.64	T.	.33	T.			.52	.03	T		T.	1.20		4.12
Williamsport[2]	Lycoming	.09								.19				.02	.19		1.32	.04			.57		.76				.22	04			.67	.14	4.25
Williamsport[2], 4 SE	Lycoming	.16								.67				.02			.10	.45	.10		.43		.64	T.			.19	.07	.02		.95	.16	3.96
JUNIATA																																	
Altoona, 4.5 W	Blair								1.45				.28	.12		.10	.50	.95		.14	.06	.99				.19				.18	.27	5.23
Breezewood[1], 0.5 E	Bedford			.28					.62							.02	.11	.11	.02	1.56	.02	.05			.41	.11				.26	.10	3.67
Buffalo Mills[2]	Bedford	.42			.08					.31				.05	.11			.22			1.02		1.41				.17			.06		3.85
Burnt Cabins[1], 2 NE	Fulton			.22					.55								13	.32	.02	1.64		.71				.57				.17	.05	4.38
East Waterford[2], 3 E	Juniata	.05			.51					1.13	.01	T.		T.			T.	.18	T	T		.78	.07	.01				1.96	.06	T.	.39	.80	5.95
Everett[2], 0.5 SW	Bedford	.14			.09					.11					.04	.09	.39	T.	1.21			1.39	.61	.02				1.75			.58	2.10	8.77
Huntingdon[2]	Huntingdon	.18			.30					.23								T.			.03	.02	.0			T.	.01	.60	.01		.63	.93	2.54
Lewistown[2], 1 W	Mifflin	.06			.01					.38							.07	.03	.02		.83	.18					.72			.43	2.47	5.48
Mapleton Depot[2]	Huntingdon	.10		T.	.25																											3.17
Martinsburg[1, 8]	Blair		T.						.02	.10				.02	.13		.14	.08	.01	T.	.01	.13	.36			.53	1.16	.01	T.		.44	.03	5.82
McConnellstown[2] 4NW	Huntingdon	.13								.17				.01	.18	.51	.40	68	T.		.99	.08	.02					1.32	.01		.22	1.10	3.19
Neffs Mills[1, 5], 3.5 NE	Huntingdon			.51					.04	.15						.06					.46				.43	.27				1.20	07	3.72
New Bloomfield	Perry									T.	1.20						T.	.16										.20	.38		.90	.68	
Newport[2]	Perry	.05									1.70							.02	.03		.55					.02	.52	T.		.53	.90	4.32
Saxton[2], 1 W	Bedford	.38			.13				.08	.05				T.	.45	.03	T.		T	.13	.05	12					.23			.39	.15	2.74
Shade Gap[1, 5], 0.5 SW	Huntingdon						1.18		.35						.10		*	.15		1.90	.50					.25				*	.54	4.97
LWR. SUSQUEHANNA																																	
Arendtsville[2]	Adams	.08			.01				.21		.73							.13	.09	T.		.08	.09	.03				.34	.08		.37	.10	2.34
Beavertown[2]	Snyder									.31								.50					*								.90		3.43
Bloserville, 1.5 N	Cumberland				.05					.30	.08		.65				.06	.06			.16	.06	.25				1	.63	.06		.84	.88	3.66
Carlisle	Cumberland								T.	.90							.05										.25			1	.60	.70	3.66
Columbia	Lancaster				.36			T.		.45							T.	.48				.03					.03	.20	T.	1	33	.92	3.45
Dauphin[2], 3 N	Dauphin	.04								.49								.06	.02		.13	.10	.12					.20	.52		1 19	.20	2.94
Ephrata	Lancaster				.14			T.						T.	T.			.03	T.		T.							.12			.58	1.12	3.38
Glen Rock[1, 5]	York				1.01				.05								1.40	.02									.24			1 20	.30	1.79
Gordon	Schuylkill	.08							.03	.23			.11					.05			.07	.01								.10		2.82
Grantville, 2 SW	Dauphin				.02				.15	.28							.01				.12		.08				.07	.03		81	.83	2.13
Hanover[2]	York	.10			T.	.01				.11				.05				48	.31			.01	.01	T.			.07	.03		.84	.04	3.06
Harrisburg Apt[1, 5], 3.5 S	Dauphin			T.	.02			T.	.89								.03	.04	T.	.07	T.		T.				.10	T.		1.07	.45	3.06
Holtwood[2]	Lancaster	T			.06	.03		T		T.	.05							.47	T.			.02	.02				.16	T.		1.85	.18	3.24
Huntsdale[2]	Cumberland	.07			T					.76	T.					.11		.04	T		.07	.02	.14	T.			.03	.01			18	0.87
Kirkwood[1, 5], 1 SW	Lancaster																.94			.10							.75	.07		20	.35	2.58
Lancaster	Lancaster				.08			T.									T.	.21			.55					02				*	.78	1.84
Lebanon[2]	Lebanon				.72			.07		.32							T	.02	T.	T.	T.		T.				1.01			.89	.20	2.94
Middletown[1], 1.5 W	Dauphin			T.	.01				2.08									T.			.02	.02	.25			.12	T.			.95	.85	3.28
Millersburg[1, 5], 2 E	Dauphin								1.20				1.04							.07	.07	.03					*			2.48	.25	4.96
Milroy[2]	Mifflin	*								.90	T.		.03	.74		.15	T.				.04	.04	.17					.63			*	2.30	4.71
Newburg[1], 3.5 NW	Cumberland				.56				.38			.08					.02	.02			.76	.05	.02			1.35	.02			*	1.85	4.05
New Park	York				.04					.21							.81					.03	.40							1.08		4.34
Pine Grove[2], 1.5 NE	Schuylkill	.04								.43				.98				T.		.14		.10				.02						1.51
Selin grove	Snyder									.30											.76	.04	.26				.61	T.		.10	.91	3.31
Shamokin[2]	N'umberland	.23								.91				T.			T.				.10		.04				.18			82	1.14	3.62
Shippensburg	Cumberland							T.				.57					.01	.06				.75	.03			.25	.53			.58	1.20	3.59
Sunbury[2]	N'umberland	.13								.60	T.							01	T		.58		.30				1.60	T.		.50	.15	3.92
Wellsville	York				T.			T.	T.	.45								.50			T.		.08				.10	.03		.80	1.58	4.13
William town[2]	Dauphin									2.35					82						.15		.92			T.	.07	T.		1.19	.08	2.30
York, 3 SW	York				1.38					.45								.02					.02					.22		T.	1.09	5.55
York Haven[2]	York									.60								.07			.19	T.				.14	.10	.15		.40		2.66
Potomac Basin																											.09	.03		1.03	1.10	3.11
Chambersburg[6], 1 SW	Franklin				.08					.17		.02				1.03	.12			3.20	T.	.19				.53	T			.42	.05	5.81
Getty burg	Adams				.01				T	.43	.01					.07	.05	.07			.10					.34	.77	.02		.21		2.08
Hewitt 2 SW	Bedford				*					*				*		.47	*	.73	1.55		1.26		.56		.14							5.16
Hyndman[2]	Bedford	1.53			.09					.10				11		.82		.05	2.26		T.	.29				.65	.63			T		6.53
McConnellsburg[2]	Fulton	.20			T.					.52						.42		T.	T.	T.		3.54				T.	.25			T.		4.93
Mercersburg[2]	Franklin	.34			.91					.68								.03	1.48	.03		.95	.02							.24		5.02
South Mt. San't'm[2]	Franklin	.24			.53					.31				T.				.12	.21			.55	.38			.05	1.06	.05		.42	.09	4.01
GULF DRAINAGE *Ohio Basin*																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.31													.01		.02	.37	.90	.02		.29	1.00	.37			.05	.52				.70	4.56
Allens Mills[1, 5]	Jefferson									.39				.15		.12	.61			.06	1.26	.43					.20			.07	.31		3.60
Blairsville[1], 6 NE	Indiana			.06	.53					.04							.46	1.29		.41	.13	.81	.40		.09		.77				1.09	.01	6.09
Boswell[2], 6 NW	Somerset	.88			.33						.52						.06	.85	.23	.01	.69	.70	.19	.88				.36			.08	.35	6.13
Bradford, 1 W	McKean							T.	.10						*	.17	1.40	.03		.04	.23	.02	.32		*		.51	T.		.02	.96	.10	3.90
Brookville[1], 1.5 SW	Jefferson																																34.27
Buckstown[1, 5]	Somerset			.39	01					.41					.34	.03	.12	.37	.09	.72	.10	.08	.76				.71			.14		.72	4.06
Clarion[2], 3 SW	Clarion	T.									T.				.03	.01	.58	.02					1.27	.05				55		.83		2.40
Corry	Erie								T.						.19	.20	T.								1.26	07			.02	42	.24	5.12
Coudersport	Potter				1.41							.14	.04	T.			16	.20		T.	1.05		.40				.61	T.			1.11		2.21
Coudersport, 7.5 E	Potter	.15								.03						T.	20	.32			.61		.03								.87		4.05
Derry	W'moreland			.60	T.					.31	T.						23	.94	.05			.27	.07		.08		.54				.42	.54	4.42
Donegal[1]	W'moreland			1.64						.70						.02	.40	.46		T.	.03	10	.75		.02		.12	.02			T	.16	4.66
Dunlo[1, 5], 0.5 SW	Cambria			.37				.59							.10		02	2.46			.24	*	*			.93	.55				.68	.07	56.01
Ebensburg[2]	Cambria					.07	.07		.81	.02			.05					.10	.33		.03	.23	.36				.30	.81	.02		.05	.33	3.58
Ford City[2], 4 S	Armstrong	.23			.18					.23					.06	.09	.07					.03	.43	.48		1.10	.07	.71			.05	1.55	5.28
Franklin[2]	Venango								.03						.30	.01						T.	.90	.01				20			.68	.58	2.71
Glen Hazel[2], 1 NE	Elk																																
Home[1, 5]	Indiana			.19												.03	.29	.30			1.18	.75	.07			.02	.20			10	1.34		4.47
Indiana	Indiana				.02												.08	.41	.07	.05	1.73		.66	.40			.24				.15	.40	4.21
Johnstown[2], 0.5 W	Cambria	.74		T.	.01				T.	.01			.14					.26	T.		.48	.88	.38	T.				.15			T.	.20	3.25

Continued on page 61.

Daily Precipitation for August 1947 — Continued from page 60

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1, 5] 1 N	McKean				T.					.10				T.		.30	1.88	.06		.23		.73	.04			T	.03			T.	.93		4.30
Kregar[1, 5] 1.5 SE	W'moreland		T.	.89	.01					.31						T	.36	1.06		.11	.57	.09	.76		.21	T	.04				.31	.20	5.04
Lyeippus[1, 5] 5 E	W'moreland				1.75					T.	1.05				1.12	.08	.22	T.	.08		.75	.13	.48	.12			.25					.72	6.75
Marienville[1, 5]	Forest																.05	.44		.68	.29	.12					.19			.18	.91		2.86
Meadville[1, 5] 1 S	Crawford															1.53	.22	.07				.14	T	.08		.01	.17	.02			.73	.02	3.35
Mosgrove[2]	Armstrong	.28								.01						.27	.04	.51	T.			.13	.30	.21			.03	.42			.26	.6	3.11
Parkers Landing[2]	Armstrong			.03												.28	.47	.40			.03	.17	1.00					.01			.81	.49	3.69
Pittsburgh City Of[1, 5]	Allegheny		T.		.37											10	.17	.14			T.	.77	T.			.06	.51				.81		2.37
Port Allegany[2]	McKean	T.			.01						.51				.02		.36	.07			.79		.71				.34	.28			.75	.02	3.86
Punxsutawney[2]	Jefferson									.01						.85	.30	.07			.05	2.07						.85			.2	.55	4.97
Putneyville[2] 2.5 SE	Armstrong	.30									.04				T.	T.	.44	.51				.04	.46					1.34			.29	.66	4.08
Ridgway[5]	Elk										.22						.03	.05	.01		.79	.17	.85				T	.12			10	.17	2.81
Saltsburg[2]	Indiana	.02		T.	.07					T.					.02		T.	.44	T			.35	.31	.02		.12	.34	.45		T		.61	2.75
Seward[2]	W'moreland	.34				.03												.44	.04		1.79	1.64	1.28	.53		.51		.19	.03			.41	7.23
Sheffield[1, 5, 6] W	Warren									.07						.68	.29					.50					.16			14	.65		2.49
Smethport[1, 5, 1] SW	McKean									.04						.31	.28	.10		.66		1.26	.89			.06	.36				.58		4.04
Strongstown[1, 5]	Indiana				.05												.28	.09		.51	.98	.79	.16				.16				.80	.07	3.81
Tionesta[2] 1.5 SE	Forest	.01									T.					.01	.62	.03	.30		.11	1.63	.32					.04			.52	.36	3.95
Titusville 2 S	Crawford								.10					.02		T.	.53	*	.06			.09	.27							10	.68	.41	2.30
Union City[1, 5]	Erie														1.96	.18	.08									.80				16	.36		3.54
Vandergrift[2]	W'moreland	.40		T.	.58						.12						.39	.12	.01			.21	.30	.12		2.80	20	.18				1.65		6.43
Warren[2]	Warren									1.06	.42						.46	.14	T.		.06		.62				4.8	.03			.9	.20	4.37
Youngsville[1, 5]	Warren															.20	.30			.31		.71				.15				11	.59		2.37
MONONGAHELA																																	
Confluence[2, 1.5] NW	Somerset	1.69			.04					T.	.40			.03	T.		T.	.30	.19		.55	.17	.02	.91		.01	T	.18				.11		4.60
Connellsville[2]	Fayette	2.61			.41						.38				.06		.04	.62	.31			.13	.12	.08				.05				.13		4.94
Donora[1]	Washington		T.	.84						.07					.02	.74	T.	T.			T.	.83	.09			.64	.54				.02	.30		4.15
Greensboro[2]	Greene	.23			1.07						1.36	.01			.34			.47	.37			T.	.13	.03	T.		1.80	.10				.20		6.71
Greensburg, 2 S	W'moreland				.92						.35				.10	.01	.05	.60	.81		*	1.34	.13			T.	.15					.30		4.76
Irwin	W'moreland			T.	T.								T		.01	T.	.09	.04	1.35		T.	.09	.20			.33	.55	.02			.02	.18		2.88
Meyersdale[2]	Somerset	3.10									.24					.04	.34	.15	.10		1.15	1.37	.24				.53	.82						8.08
Murrysville[1, 5]	W'moreland									.30			.29				.13	1.03			1.55	.32	.05								.40	.05	4.92
Pittsburgh Arpt.[1, 5]	Allegheny		T.	T.	.01								T.	T.		T.	.18	.17	T.		.02	.60	.01	T	.01	.01	.17				18	.11	1.42
Rices Landing[2]	Greene	.04			1.02				.66						.02			.38				.04	.24	.12	.22		.05	.04				.25	3.08
Somerset	Somerset			T	.51				.28	.36	.24					T.	.18	.72	.24		2.28	.12	.44			.44	1.85	T.				.07	7.73
Springs[6, 1] SW	Somerset								.52	.15	.02				.62	.21	.36	.15	.05		2.32	.01	.97				42					.01	5.81
Uniontown	Fayette				1.74					.52	.07		.18		.02	.01	.01	54	T.		.11	.07	T.	T.		.08	.06	.01	T.			.23	3.60
Waynesburg[2]	Greene				.17	1.07			.42							.07		.20	.14				.35		.04			.42				1.	2.98
BEAVER																																	
Beaver Falls[2]	Beaver	.33		.01					.03	.27							.05	.99	.02			.02	1.41					22			.14	1.32	4.81
Butler	Butler														.71		.26	.06				.64	.51	T			.07				.80	1.62	4.67
Farrell[2]	Mercer															3.66	.84					.13	2.12			1.45		.16		T.	.61	2.49	11.46
Greenville	Mercer			.01											.34	.02	1.31				.29		.52		T.		.16			.23	.43	.88	4.19
Jamestown[2, 2] NW	Mercer														.01	.22	.06	T.			.06	.01	.29	T.			T.	.08		.11	1.46	1.10	3.40
Mercer Arpt.[1, 2.5] NE	Mercer		.03											T.		.25	.25	.05		T.	1.21	.29	.27		07	T.	.29			.15	1.23		4.08
New Castle[1, 1.5] N	Lawrence		.01												T.	T.	.54	.02			.03	1.88	.02		T.	T.	.29			45	2.24	.12	5.60
Peanline[2, 1] S	Crawford			.01											.80	.17	.11	.04					.04	T.				.04			.57	.91	2.69
OHIO																																	
Claysville[2]	Washington				.51				.14				.06		.09	.01		.05			.01	.65	.09				.98					.21	2.90
Coraopolis[2, 1] E	Allegheny	.07	T.			.08										.02	.24	.26	.01			.47	.19	.16			T.	.12				.02	.39	2.03
Midland[2]	Beaver	.24		T.	.88				1.24							T.	.44	.84	.66				.55					.14				.01	.56	5.55
Washington[1, 5]	Washington			.34				.41							.19	.61		.59			.51	.40	.20			.39					.06	.20	3.90
LAKE DRAINAGE																																	
Albion[2]	Erie																																
Erie[1, 5]	Erie		T.							T.					.01	.27	.29																
Raymond[1, 5]	Potter				.02				.14							.10	.18			.92			.10			.53	.12			.02	.83		2.06
																																	2.96

[See page 64 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2, 1] SW.	Evaporation	.076	.191	.170	.174	.167	.217	.270	.142	.159	.117	.119	.167	.155	.156	.162	.160	.083	.067	.138	.191	.132	.066	.100	.128	.118	.102	.096	.067	.161	.117	.195	4.363
	Wind movement	24	29	19	27	25	27	33	19	19	16	16	12	13	12	19	23	17	15	25	17	15	10	14	17	12	12	15	12	22	23	21	580
Ford City[2], 4 S	Evaporation	.187	.185	.154	.153	.179	.198	.262	.134	.118	.154	.186	.076	.265	.117	.175	.097	.074	.121	.169	.139	.097	.098	.151	.169	.260	.110	.128	.116	.170	.136	.250	4.828
	Wind movement	34	30	10	10	12	5	23	15	11	19	36	5	11	10	25	29	6	19	17	13	12	17	12	10	28	10	13	33	13	16	51	555
Hawley[2], 1 S.	Evaporation	.149	.213	.192	.120	.173	.196	.196	.132	.310	*.33*	.097	.178	.163	.129	.107	.244	.051	*	.130	.154	.042	.125	.265	.036	.175	.176	.073	.050	.140	.248	.131	4.061
	Wind movement	96	51	35	39	40	29	15	25	22	20	25	30	35	18	36	50	28	23	34	52	50	7	15	27	31	36	100	6	5	7	144	1131
Jamestown[2, 2] NW	Evaporation	.244	.208	.136	.148	.180	.198	.248	.191	.083	.128	.128	.152	.208	.164	.174	.060	.080	.096	.112	.182	.130	.134	.096	.112	.110	.128	.098	.160	.141	.165	.158	4.552
	Wind movement	57	29	31	30	10	25	34	19	27	18	41	22	6	20	36	32	6	14	15	9	19	37	2	21	14	6	47	28	6	21	44	726
Neffs Mills[2], 3.5 NE.	Evaporation	.134	.190	.076	.196	.040	.228	.302	.092	.090	.138	.072	.094	.104	.122	.176	.108	.018	.128	.040	.134	.164	.040	.004	.120	.140	.180	.112	.040	.120	.138	.250	3.790
	Wind movement	13	16	7	5	6	6	3	3	4	3	10	5	2	6	6	8	3	7	1	4	6	5	1	3	4	2	3	6	9	13	5	175

Italics mean minus quantity.

[See page 64 for explanation of other references.]

Daily Temperatures for August 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Allentown Arpt.[1,9-4 NE	Maximum	78	82	82	83	86	90	81	83	87	76	85	92	95	94	93	89	74	74	90	92	72	86	92	92	94	93	67	79	87	76	87	84.9
	Minimum	55	49	59	60	60	61	58	66	64	64	62	67	69	68	70	72	66	65	68	68	67	66	62	64	65	67	62	63	60	65	64	63.7
Allentown/	Maximum	78	80	83	83	86	89	81	82	86	77	85	91	93	93	93	89	75	74	89	90	73	84	90	92	93	93	71	79	85	77	86	84.5
	Minimum	58	48	52	51	61	62	58	63	65	66	63	64	70	70	70	72	70	65	66	70	68	67	62	65	67	69	63	62	61	64	64	63.7
Altoona-4.5 W	Maximum	74	76	80	82	82	85	84	83	85	76	84	90	90	83	87	79	81	74	87	88	79	75	82	85	87	84	72	83	81	83	82	82.0
	Minimum	50	47	55	66	67	57	56	60	62	61	66	65	70	68	66	68	68	68	67	65	67	68	67	63	67	66	64	62	59	64	60	63.2
Arendtsville/	Maximum	79	81	79	78	85	88	89	87	88	78	82	91	94	94	93	92	80	75	89	95	76	78	89	91	94	92	68	83	87	86	87	85.4
	Minimum	57	53	59	63	62	57	60	62	66	62	66	64	67	67	65	68	68	67	67	70	68	67	65	63	65	65	67	62	62	62	64	63.9
Beavertown/	Maximum	76	79	78	80	84	88	88	87	87	79	81	92	91	92	90	85	81	78	90	89	78	77	86	90	91	87	69	82	82	80	85	83.9
	Minimum	50	44	52	67	64	57	54	60	66	66	66	62	65	67	62	64	66	68	68	64	66	67	63	73	63	66	66	62	58	60	60	62.5
Berwick	Maximum	80	79	82	82	86	88	88	89	86	83	83	91	90	94	94	91	81	77	88	90	87	76	88	91	93	87	78	81	82	82	85	85.5
	Minimum	54	47	57	66	61	61	58	66	66	63	66	66	72	71	68	69	69	68	70	70	69	69	65	64	66	67	65	62	62	63	64	64.6
Bethlehem[1]	Maximum	79	81	82	86	89	88	76	81	88	76	86	93	94	93	93	91	72	72	88	92	70	87	93	94	95	92	70	80	86	74	86	84.7
	Minimum	58	51	60	62	62	64	61	66	66	68	65	67	71	70	72	71	66	61	66	68	66	66	65	68	72	70	60	62	63	64	66	65.2
Blairsville[1-6 NE	Maximum	69	79	83	85	84	85	85	81	83	83	86	89	90	86	81	78	80	82	85	86	81	78	83	83	84	83	73	78	80	82	76	82 0
	Minimum	51	53	60	63	63	62	62	65	65	59	66	67	69	67	67	68	68	67	66	67	65	66	65	65	65	67	64	62	61	62	61	63 6
Bradford-4 W	Maximum	70	77	83	84	84	85	85	88	81	81	86	88	88	89	85	79	84	85	87	86	85	81	83	87	89	80	78	80	78	80	79	83.1
	Minimum	40	40	48	55	57	57	52	52	59	58	57	64	63	63	61	67	67	70	66	63	66	66	68	63	61	62	54	60	55	60	60	59.2
Burnt Cabins[1-2 NE	Maximum	80	82	84	82	86	88	90	90	92	78	85	95	96	97	96	92	87	78	94	93	77	72	87	93	96	90	68	82	87	85	86	86 7
	Minimum	55	48	57	64	61	53	56	58	62	61	69	63	67	64	62	64	66	67	69	65	68	66	64	60	62	62	63	62	57	61	61	61.8
Butler	Maximum	83	80	88	90	92	92	91	89	91	90	90	94	96	95	92	88	88	88	90	94	95	90	87	90	90	86	85	82	87	87	85	89 2
	Minimum	49	64	56	55	61	59	54	65	64	63	64	65	68	68	68	67	69	67	67	69	63	68	66	65	65	67	67	69	59	65	66	63.5
Canton/-1 NW	Maximum	69	75	77	80	82	85	85	88	84	79	78	92	89	89	85	82	74	77	87	85	71	73	82	89	88	80	66	81	78	74	78	80.7
	Minimum	49	41	48	62	62	60	59	62	63	62	62	65	67	69	63	66	67	64	64	63	65	64	63	64	65	63	60	60	59	60	60	61.3
Carlisle	Maximum	78	80	80	78	85	88	89	87	90	82	82	90	93	95	94	90	80	78	88	90	86	87	87	92	94	92	80	80	85	84	84	86.1
	Minimum	60	51	62	67	65	59	58	65	68	63	66	70	71	69	67	70	70	67	71	68	69	68	66	64	68	69	65	62	63	64	64	65.4
Chambersburg[6-1 SW	Maximum	78	80	81	81	85	88	89	88	89	81	84	91	93	94	95	90	88	76	88	95	76	75	88	90	93	90	70	83	86	84	87	85.7
	Minimum	57	51	59	67	65	56	58	63	65	63	69	64	69	67	64	68	68	68	69	70	68	68	65	64	65	65	64	62	59	63	63	64.1
Clarion[6-3 SW	Maximum	74	81	88	90	88	89	88	88	88	84	90	94	94	90	86	80	90	94	91	88	86	87	92	92	79	79	85	82	84	82	86.9	
	Minimum	45	47	52	62	60	57	53	60	59	61	60	65	66	66	61	67	68	70	64	65	64	65	61	64	64	64	60	64	58	62	57	61.1
Claysville	Maximum	74	80	86	87	87	88	86	87	84	89	90	92	90	89	81	83	87	89	90	89	82	85	89	88	89	84	82	83	85	87	79	85.8
	Minimum	42	51	57	64	62	61	62	64	65	60	65	66	67	68	66	66	68	66	67	68	66	67	65	65	65	70	65	61	58	63	64	63.4
Coalport/	Maximum	76	81	85	85	84	88	87	87	90	83	89	94	98	93	88	82	87	80	88	90	84	83	84	91	90	86	72	83	83	84	85	85 8
	Minimum	44	41	53	55	64	55	54	56	58	60	61	64	65	65	61	66	67	68	65	64	65	68	66	60	63	62	62	63	56	57	57	60 3
Coatesville/	Maximum	77	82	82	80	85	88	82	82	89	81	87	89	93	92	93	92	76	74	87	91	77	85	90	91	92	91	70	80	87	81	86	85.0
	Minimum	60	50	56	64	57	56	58	65	63	62	61	68	68	68	67	70	69	66	67	70	69	65	63	61	61	64	67	66	64	60	64	63 5
Columbia	Maximum	80	84	83	88	87	90	90	87	92	81	87	94	97	98	97	95	82	78	90	97	77	86	94	95	96	96	83	85	92	84	90	88.9
	Minimum	59	53	60	66	59	60	58	71	66	65	67	67	72	72	68	70	70	68	68	70	69	68	70	66	68	71	65	65	68	63	67	65.9
Corry	Maximum	72	82	86	90	89	90	90	88	80	85	90	90	94	91	84	80	88	90	92	93	90	87	88	90	90	75	85	83	89	83	79	86.3
	Minimum	44	44	53	59	60	62	56	60	63	60	64	69	66	68	65	74	68	73	66	68	67	71	67	65	67	65	63	60	59	63	63	62.8
Coudersport	Maximum	76	77	83	82	84	86	85	89	86	84	86	91	88	90	90	84	81	79	88	89	85	83	84	90	91	84	74	81	79	82	80	84 3
	Minimum	41	45	51	55	61	56	55	54	59	58	61	64	63	65	61	65	65	66	67	63	59	65	61	63	61	61	58	61	56	61	59	59.5
Curwensville[1-6 NW	Maximum	69	75	81	81	78	82	82	83	84	75	83	88	86	88	86	82	76	82	76	84	85	78	77	80	86	85	79	68	77	77	80	80.2
	Minimum	45	46	56	63	62	59	58	60	60	59	64	65	67	64	64	65	68	65	68	63	66	66	65	62	62	64	60	59	60	65	63	61.2
Derry	Maximum	75	83	87	88	89	90	89	89	87	87	92	90	93	91	84	85	91	88	90	91	88	81	88	88	87	85	78	83	85	87	80	86.5
	Minimum	54	53	57	61	67	67	58	69	62	62	72	68	71	68	68	69	69	73	66	68	67	71	67	65	67	65	63	60	57	69	64	65.1
Donegal[1]	Maximum	69	78	83	84	83	83	83	80	84	80	86	86	86	87	83	79	82	83	88	87	82	79	82	86	86	82	77	78	82	84	76	82.2
	Minimum	50	47	50	56	57	57	53	60	58	56	62	62	62	64	66	61	61	61	65	62	59	61	61	65	61	59	63	60	59	61	61	59.0
Donora[1]	Maximum	77	85	89	88	93	91	86	88	89	89	92	93	94	92	85	87	90	89	92	94	88	85	89	91	92	85	84	86	85	90	84	88.5
	Minimum	55	59	62	65	67	66	63	69	69	65	71	72	74	73	72	71	72	74	73	75	71	71	70	72	72	69	67	64	64	71	67	68.5
Eagles Mere/	Maximum	67	71	72	74	77	81	80	80	79	74	72	84	84	84	82	73	72	72	80	81	70	69	78	82	83	76	64	74	71	68	75	75.8
	Minimum	49	47	47	59	61	61	62	64	64	59	60	64	66	68	64	64	68	61	61	65	63	63	63	63	66	65	60	57	57	60	59	61.0
East Waterford[6-3 E	Maximum	70	74	72	70	77	81	83	80	82	70	74	86	86	88	85	81	76	70	84	86	69	67	81	85	87	83	66	75	78	77	78	78.1
	Minimum	52	53	59	63	62	63	61	66	62	60	63	67	73	72	68	68	66	63	66	68	64	64	65	67	70	65	60	58	64	60	61	63.7
Ebensburg/	Maximum	70	78	83	82	82	83	82	82	82	79	84	89	87	87	83	77	80	77	87	86	81	75	87	85	84	81	72	79	81	82	77	81.4
	Minimum	47	48	55	62	63	57	56	60	59	58	65	66	66	66	63	65	66	66	65	64	64	66	66	64	66	66	62	65	62	59	62	62.0
Emporium/-1 E	Maximum	74	84	87	90	88	87	88	91	87	86	89	92	92	92	88	86	88	86	92	92	78	81	86	92	93	85	85	85	83	87	83	87.0
	Minimum	43	42	52	53	61	61	59	57	59	59	62	65	68	68	63	65	68	68	67	65	66	66	66	64	66	66	62	65	62	59	62	61.2
Ephrata	Maximum	78	81	84	81	87	89	89	82	86	83	86	92	96	96	95	93	82	76	89	94	76	84	91	93	95	94	84	82	86	81	86	86.9
	Minimum	57	52	61	65	60	61	59	70	65	64	65	68	72	72	68	72	70	67	69	68	68	65	65	67	70	65	62	60	66	62	65.8	
Erie[1]	Maximum	68	78	84	86	87	92	94	80	78	81	87	88	87	90	83	77	82	88	89	86	88	83	86	88	87	75	78	81	76	85	73	83.4
	Minimum	56	55	65	69	67	71	70	71	69	67	71	78	78	78	72	69	71	74	75	78	78	74	71	71	74	66	64	67	65	67	62	69.3
Everett[1-0.5 SW	Maximum	80	81	83	85	84	88	88	89	89	80	86	95	94	92	92	87	88	77	92	91	78	80	85	91	92	90	74	84	85	89	83	86.2
	Minimum	58	53	55	65	61	55	59	68	65	65	68	72	71	70	67	67	71	70	70	69	69	70	63	62	65	64	65	62	57	64	61	64.4
Farrell	Maximum	78	88	91	92	96	95	94	93	91	90	95	100	100	97	89	80	86	89	92	92	92	90	88	88	88	80	88	89	86	80	89	89.3
	Minimum	55	58	64	70	71	71	68	69	73	68	71	75	76	73	72	75	76	78	76	77	75	74	79	74	72	72	70	71	68	68	62	71.0
Ford City/-4 S	Maximum	74	81	86	89	87	87	86	86	87	86	90	92	91	91	85	83	85	88	91	90	87	84	88	90	89	85	79	83	85	86	82	86.2
	Minimum	47	50	52	58	61	59	55	58	64	61	63	62	66	67	64	67	68	69	65	66	64	67	65	65	63	64	62	61	60	61	59	61.7
Franklin/	Maximum	76	80	90	89	88	87	87	90	86	85	90	94	91	89	85	81	88	89	93	93	89	87	88	92	90	79	84	86	81	83	80	86.8
	Minimum	48	49	50	56	64	62	56	57	64	63	63	64	69	69	67	68	71	73	69	68	67	68	69	68	67	66	63	63	63	63	64	63.5
Fredericksville-1 S	Maximum	73	77	80	80	83	86	80	80	85	77	73	86	91	90	89	87	75	70	86	88	73	85	87	89	90	89	75	79	84	76	84	82.2
	Minimum	53	45	51	59	55	57	55	64	60	61	58	61	65	66	64	65	67	61	66	68	65	65	59	60	63	65	61	61	58	60	62	60.8
Freeland	Maximum	74	74	76	76	83	83	82	81	82	83	81	88	88	87	86	82	74	69	84	84	83	78	83	88	88	81	78	75	80	78	72	80.7
	Minimum	50	46	56	58	58	62	57	63	63	59	60	65	72	68	65	66	63	59	63	65	60	62	61	66	69	65	58	56	61	64	57	61.2
George School[6]	Maximum	78	80	81	83	85	88	83	79	85	81	85	89	93	92	93	90	80	73	87	88	73	85	88	91	92	91	71	73	84	80	86	84.1
	Minimum	58	51	58	59	59	63	66	64	64	58	63	69	67	69	71	65	64	63	69	65	65	62	64	62	61	64	64	62	62	64	64	63.4
Gettysburg	Maximum	75	77	78	77	82	84	85	83	85	83	79	87	90	91	90	89	81	78	85	90	88	76	85	88	90	90	76	78	84	83	84	83.5
	Minimum	60	55	62	67	65	59	61	66	59	63	68	67	72	71	67	70	70	69	71	72	69	69	68	65	67	68	64	63	62	65	67	65.8
Gordon	Maximum	74	81	80	78	86	87	88	85	83	78	82	91	89	91	91	83	79	74	87	89	78	77	89	91	92	89	75	79	83	78	82	83.5
	Minimum	50	42	54	63	57	55	53	62	63	58	66	61	67	65	63	65	69	64	67	65	65	66	59	60	60	62	62	61	56	60	58	60 6
Greensburg-2 S	Maximum	79	81	85	88	87	88	84	85	88	86	90	90	91	89	84	82	83	87	89	90	86	88	88	88	84	79	84	85	86	81	85	85 7
	Minimum	50	52	53	57	59	57	52	62	64	61	61	63	66	64	64	66	68	69	64	65	64	70	63	63	64	63	61	58	56	67	60	61.5
Hanover/	Maximum	76	80	81	80	84	88	89	86	87	85	81	90	95	94	94	90	80	76	87	93	80	79	89	93	93	93	69	80	86	85	87	85.4
	Minimum	60	55	60	60	64	61	62	67	66	64	68	68	70	73	69	71	70	68	69	71	69	69	65	68	70	68	68	63	62	66	67	66.2
Harrisburg Arpt. [1-3.5 S.	Maximum	73	82	81	79	86	90	90	85	91	80	85	93	95	95	95	91	79	77	90	90	78	79	92	94	96	94	72	80	83	83	85	85 9
	Minimum	56	58	65	68	64	63	60	70	67	64	69	69	74	72	69	72	71	68	72	70	70	70	68	66	70	70	65	65	64	63	65	66 8
Hawley-0.5 E	Maximum	74	81	78	84	88	88	83	87	84	78	86	91	93	90	93	79	73	70	90	86	72	83	85	91	92	89	69	75	82	77	85	83.2
	Minimum	50	43	54	57	58	59	55	63	64	62	59	61	67	67	63	66	66	60	70	72	70	69	69	70	65	65	60	60	63	64	60	55	55	58	60	60 4
Hewitt-2 SW	Maximum	82	83	85	86	83	85	86	87	82	86	95	95	96	94	92	87	85	86	91	90	76	83	85	88	90	90	89	86	85	88	89	86	85	87.3
	Minimum	55	58	58	64	67	60	61	62	65	72	70	65	69	65	66	66	60	70	72	70	69	69	70	65	65	65	66	60	67	60	62	64.9
Holtwood[1]	Maximum	75	81	81	80	84	88	86	82	90	82	86	90	91	92	93	91	81	77	89	91	77	87	91	91	92	93	75	80	84	84	84	85.4
	Minimum	61	59	67	68	64	64	64	72	70	70	69	72	73	73	73	72	72	70	72	73	71	72	70	70	72	73	68	66	68	68	71	69 3
Huntingdon	Maximum	76	80	82	82	84	88	88	88	90	77	85	95	93	94	92	82	88	77	90	90	76	75	86	91	91	88	71	86	86	86	84	85.2
	Minimum	52	52	58	68	67	62	60	61	65	62	66	67	69	67	64	66	69	69	68	66	66	67	67	64	64	67	68	66	65	64	61	64 4

Continued on page 63.

Daily Temperatures for August 1947 Continued from page 62

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Indiana-2.5 SE	Maximum	80	83	87	89	87	87	88	85	87	87	90	92	92	91	86	82	86	85	91	90	86	86	88	89	91	86	74	84	84	85	86	86.7
	Minimum	49	49	64	58	60	58	54	64	59	60	66	63	66	64	61	67	66	70	61	65	65	67	64	62	62	63	61	58	56	65	65	61.8
Irwin	Maximum	81	82	87	87	91	90	89	86	89	85	91	91	92	91	87	83	87	88	91	90	86	86	86	89	89	83	79	84	87	87	82	88.0
	Minimum	52	55	57	55	62	61	56	66	65	61	65	67	69	69	69	67	70	70	67	70	66	69	65	64	67	64	62	60	56	67	62	63.9
Jamestown/-2 NW	Maximum	74	84	89	90	92	91	89	86	90	85	92	94	94	93	84	84	88	89	93	92	90	84	87	90	92	80	85	8	89	84	76	87.3
	Minimum	47	47	58	59	64	63	61	62	64	61	63	66	67	67	67	67	67	70	68	68	67	67	68	67	69	68	63	62	58	67	5	62.8
Johnstown/	Maximum	75	86	89	86	90	90	90	88	92	85	94	90	94	95	91	83	87	83	93	91	86	84	85	90	92	91	78	86	85	90	82	88.2
	Minimum	56	53	58	66	64	61	57	68	64	63	67	67	69	68	67	69	69	72	71	68	68	70	70	68	68	68	67	60	66	64	64	65.2
Kane[1]-1 N	Maximum	72	78	84	85	83	85	85	89	84	79	87	89	88	88	83	78	86	80	90	88	82	89	85	88	8	79	72	84	79	82	78	83.2
	Minimum	38	38	46	55	55	52	50	50	55	53	56	62	61	61	60	65	66	65	65	60	64	64	64	58	59	58	56	56	5	61	4	56.7
Lancaster	Maximum	80	82	81	79	84	88	85	82	87	84	81	90	93	93	94	91	89	76	88	80	75	84	87	89	90	90	69	81	8	86	85	84.6
	Minimum	54	49	59	65	57	55	55	67	62	63	63	64	68	67	67	68	58	67	70	70	69	68	6	64	66	68	67	63	61	64	64	63.5
Lawrenceville	Maximum	71	80	84	87	88	90	90	92	87	82	89	95	93	95	90	79	81	84	92	88	82	86	87	93	95	78	72	85	78	84	83	85.5
	Minimum	48	42	55	63	63	62	62	61	63	62	62	63	68	68	65	68	68	68	67	67	67	68	6	66	66	67	62	62	59	62	56	62.7
Lebanon	Maximum	76	81	80	82	86	90	89	85	88	80	85	91	93	95	93	92	76	79	89	93	76	83	91	92	97	95	68	82	88	81	81	85.8
	Minimum	56	50	58	64	61	61	58	66	65	64	64	68	72	71	68	70	72	66	66	68	67	67	64	64	67	69	64	62	60	62	62	64.1
Lewistown/-2 SW	Maximum	77	82	82	82	88	89	91	90	91	80	84	96	95	97	95	90	86	80	94	95	78	75	90	95	95	92	71	87	87	87	89	87.4
	Minimum	58	52	52	61	68	63	61	61	66	66	65	65	68	72	66	65	67	69	72	68	68	71	69	65	65	68	62	64	63	63	64	65.6
Lock Haven[6]	Maximum	81	83	85	83	88	90	91	91	90	82	84	95	87	95	91	85	85	79	93	92	85	75	88	94	94	86	71	87	84	85	89	86.7
	Minimum	53	48	59	68	67	64	65	67	67	63	69	68	73	75	66	70	72	70	70	68	70	70	69	67	70	68	65	65	62	65	63	66.3
Marcus Hook	Maximum	85	85	84	86	89	83	84	97	96	83	89	91	93	95	94	94	77	76	89	95	76	93	93	94	94	95	73	77	93	81	86	87.7
	Minimum	64	53	63	66	64	65	68	71	68	69	67	70	71	74	73	76	72	69	69	73	69	69	68	65	72	74	70	66	66	68	68	68.6
Martinsburg[1,8]	Maximum	73	76	79	82	82	85	85	86	86	75	85	91	90	92	88	80	83	76	89	89	77	77	85	88	85	85	72	83	82	83	79	82.9
	Minimum	52	52	56	66	65	57	57	61	61	61	67	65	69	69	63	66	68	67	69	65	68	68	67	67	65	64	68	64	60	63	61	64.1
Meadville/-1 S	Maximum	73	81	89	90	91	90	89	88	83	85	97	95	92	94	83	80	90	91	95	91	91	87	89	92	92	77	86	87	81	83	79	87.4
	Minimum	46	43	52	60	61	61	57	61	65	58	62	66	66	67	65	68	67	72	68	69	67	68	69	67	64	65	58	63	61	61	60	62.5
Mercer[1-2 5 NE	Maximum	71	80	86	87	87	86	88	86	82	83	89	91	90	90	81	78	85	86	90	90	87	83	85	88	8	77	82	82	80	82	77	84.5
	Minimum	48	50	58	62	65	63	62	60	63	62	65	67	68	67	66	69	68	70	68	66	67	66	68	67	65	63	62	62	60	62	65	63.4
Middletown[1]-1.5 W	Maximum	75	81	82	80	86	89	88	84	89	81	84	92	95	94	93	88	82	77	89	92	78	80	89	91	94	93	72	80	88	80	80	85.6
	Minimum	57	54	62	68	64	62	62	72	67	64	71	72	76	73	70	73	72	70	73	71	71	70	67	67	71	7	66	65	63	65	67	67.6
Midland[6]	Maximum	73	81	88	79	89	90	86	84	85	87	91	92	91	89	84	84	86	95	93	92	89	85	86	9	91	81	84	85	80	86	82	86.7
	Minimum	54	57	61	65	65	66	64	63	62	65	67	68	70	70	71	74	72	74	72	72	70	71	70	71	70	68	68	64	63	67	63	66.8
Montrose 3 E	Maximum	67	74	78	81	84	88	88	88	82	79	81	90	93	89	88	80	74	72	87	86	68	76	82	90	89	80	70	78	78	74	75	80.9
	Minimum	45	41	47	58	60	62	60	64	64	59	60	62	65	69	65	66	67	67	62	67	63	63	62	61	66	64	61	56	58	6	62	60.8
Mt. Pocono[1-2 N	Maximum	68	72	72	76	79	82	79	79	80	71	79	85	86	85	85	77	68	69	81	81	66	79	83	85	81	84	63	74	77	68	76	77.3
	Minimum	41	37	51	56	58	57	54	64	61	60	57	61	68	68	64	65	62	60	64	64	61	58	57	61	65	62	57	58	58	6	56	58.9
New Bloomfield	Maximum	78	81	82	77	86	87	90	87	89	80	76	81	93	92	93	82	80	78	90	89	76	75	87	91	93	93	88	70	80	80	85	84.3
	Minimum	54	46	59	67	61	57	54	64	63	63	69	66	62	67	66	69	67	66	70	65	66	68	65	60	67	64	66	63	61	60	60	63.1
New Castle[6]-1.5 N	Maximum	77	83	89	91	90	90	89	88	85	89	94	96	95	92	87	81	89	91	94	92	92	85	87	91	92	81	85	80	84	86	81	87.9
	Minimum	49	52	57	64	62	62	58	61	65	60	63	67	69	67	67	69	69	71	67	70	67	67	69	67	67	65	64	60	62	65	57	64.8
Palmerton[1]	Maximum	74	76	80	80	84	85	82	77	84	76	82	85	89	90	90	82	72	70	88	86	71	82	86	88	90	87	66	77	83	74	83	81.3
	Minimum	55	46	56	62	62	63	56	66	67	65	62	66	69	69	68	69	66	65	68	69	67	66	61	63	66	66	61	62	61	64	59	63.4
Park Place[1-1 NW	Maximum	67	72	74	74	79	82	81	79	80	73	78	88	88	87	86	78	74	68	86	84	71	75	83	87	89	85	69	76	78	72	79	78.8
	Minimum	49	45	56	60	60	63	59	63	61	60	61	65	71	71	66	67	62	60	64	64	61	63	65	66	68	65	57	57	61	57	57	61.5
Phila. Arpt.[1-7 SW	Maximum	80	81	83	84	87	86	78	84	88	79	85	89	93	94	95	92	75	78	87	88	73	85	88	93	92	94	73	76	85	82	87	84.8
	Minimum	63	58	60	63	62	64	68	68	65	67	65	66	72	74	72	71	69	68	69	69	68	68	65	65	73	72	67	65	62	66	68	66.8
Philadelphia C.O.[1]	Maximum	80	80	81	80	85	86	79	83	87	78	85	88	91	93	93	91	74	73	85	88	74	86	88	92	91	92	73	74	88	81	87	84.1
	Minimum	65	61	63	65	68	69	69	68	68	68	67	69	72	75	74	71	68	67	70	69	68	69	71	72	74	72	68	65	68	67	69	68.7
Phila. Shawmont	Maximum	80	83	82	81	88	87	87	84	87	89	86	90	94	94	95	92	85	73	87	86	75	87	90	92	94	94	82	76	89	85	87	86.4
	Minimum	60	54	71	62	60	60	62	70	66	65	63	64	71	70	70	72	69	67	64	73	67	67	68	85	70	72	68	63	64	68	66	68.6
Philipsburg[1]-7 E	Maximum	70	74	76	79	77	81	81	83	83	73	80	90	86	88	82	78	82	71	85	86	71	70	79	85	87	81	67	79	79	79	79	79.4
	Minimum	42	41	59	64	58	54	50	55	55	59	66	59	67	61	59	65	65	65	65	60	65	66	61	56	59	59	61	61	58	61	52	59.0
Phoenixville-1.5 SE	Maximum	83	83	83	85	87	93	90	88	92	93	91	97	96	95	97	95	86	85	91	89	95	81	85	82	84	95	98	87	91	92	91	89.6
	Minimum	62	48	55	61	63	58	75	69	65	67	62	88	68	68	68	68	70	69	64	62	73	61	61	61	66	63	66	64	59	63	63	64.8
Pittsburgh Arpt.[1-7.5 SE	Maximum	75	82	86	87	87	85	86	85	87	86	92	92	93	91	85	82	88	89	91	91	88	83	87	89	91	85	78	84	87	88	81	86.5
	Minimum	53	58	63	62	67	65	61	65	68	63	69	72	72	69	69	69	71	71	70	71	68	69	69	70	70	67	65	65	66	65	64	66.7
Pittsburgh City Office[1]	Maximum	76	83	90	87	87	87	87	87	87	88	92	93	93	92	85	83	89	90	93	94	88	84	87	91	92	85	82	86	88	90	82	87.7
	Minimum	56	60	63	68	69	69	65	71	70	66	72	73	75	76	75	73	75	74	74	75	71	72	72	73	72	70	68	66	67	67	65	69.7
Port Clinton/	Maximum	75	80	81	80	85	88	86	80	87	79	84	90	91	95	92	88	75	73	89	91	75	85	89	92	93	91	67	82	85	80	82	84.3
	Minimum	53	45	50	54	57	59	55	57	63	63	63	63	69	67	65	66	72	65	64	68	67	68	62	62	62	65	65	62	63	58	56	61.5
Putneyville/-2.5 SE	Maximum	76	80	86	70	89	86	86	86	88	90	83	98	92	90	89	83	81	86	86	91	91	86	86	87	90	89	85	78	84	92	84	85.5
	Minimum	44	45	51	56	58	60	58	54	55	56	58	60	63	64	64	62	65	65	66	62	63	64	65	63	61	59	59	60	61	55	57	59.1
Quakertown-0.5 E	Maximum	77	78	81	81	85	87	81	80	86	85	86	90	93	92	92	88	75	72	86	90	72	83	88	90	91	89	74	76	82	78	84	83.6
	Minimum	53	44	54	56	55	56	55	65	61	63	58	61	65	65	65	68	65	62	62	68	61	63	58	61	60	66	61	60	57	62	60	60.4
Reading[1]	Maximum	79	81	82	83	86	89	84	81	88	79	85	92	95	94	94	92	76	75	88	94	75	85	89	92	94	94	71	81	87	77	87	85.5
	Minimum	59	54	62	68	63	64	61	71	66	67	67	71	74	72	74	74	69	67	71	70	68	69	66	68	73	71	64	65	65	65	67	67.3
Ridgway/	Maximum	77	83	89	90	88	90	90	90	89	82	91	94	93	94	88	82	85	85	92	93	86	84	87	93	93	79	79	85	88	85	84	87.4
	Minimum	43	45	50	53	58	56	54	55	56	56	58	63	64	63	59	66	67	68	61	63	63	65	66	62	62	61	62	62	56	59	56	59.1
Scranton[1]	Maximum	70	78	80	83	86	89	85	87	88	80	85	92	92	92	90	83	75	76	89	85	74	82	87	92	92	86	70	80	80	78	80	83.4
	Minimum	54	47	57	62	62	63	60	68	66	64	62	66	73	72	68	71	67	66	70	70	67	67	64	65	68	67	65	64	63	64	62	64.6
Selinsgrove	Maximum	77	78	80	78	86	88	88	88	88	81	81	87	84	93	91	84	83	77	88	89	80	81	88	90	91	86	77	82	88	84	85	84.5
	Minimum	53	42	51	68	64	61	58	62	65	61	65	64	66	68	64	68	71	68	69	67	69	68	68	62	65	66	64	63	65	61	60	63.4
Shippensburg	Maximum	80	82	84	83	87	90	91	88	89	82	84	94	94	95	94	91	85	80	92	96	88	77	89	92	95	91	70	85	88	87	86	87.4
	Minimum	57	52	61	66	64	57	59	63	66	62	68	65	71	68	67	69	68	67	67	69	68	68	66	62	63	68	65	61	62	62	64	64.4
Somerset	Maximum	73	80	84	82	83	84	84	85	85	80	87	91	90	88	83	78	83	81	89	88	84	81	83	87	86	82	76	81	83	85	79	83.4
	Minimum	47	49	51	59	57	52	48	57	56	55	61	58	60	60	59	64	64	63	63	61	62	62	66	58	59	60	62	62	57	54	61	58.6
Springs[6]-1 SW	Maximum	70	78	80	78	79	79	81	82	78	82	85	85	85	80	79	81	75	86	84	81	79	80	81	79	80	81	79	80	72	78	80	79.8
	Minimum	44	47	50	63	62	53	49	55	56	53	64	56	58	58	57	60	62	64	64	60	59	65	65	58	58	59	61	59	53	60	60	57.8
State College[1]	Maximum	74	79	79	83	82	88	88	89	88	77	84	93	92	92	89	80	86	78	90	89	76	73	85	91	90	85	70	83	81	82	83	83.8
	Minimum	53	50	62	67	66	60	62	62	64	69	69	65	73	68	65	70	70	68	69	66	69	68	67	63	67	65	64	63	62	63	61	64.8
Stroudsburg-2 E	Maximum																																
	Minimum	52	45	53	56	57	60	54	66	66	64	62	64	66	68	67	68	68	65	62	67	62	65	58	63	64	67	61	63	63	59	63	61.9
Tamarack/-2 S	Maximum	71	73	78	79	80	82	81	85	81	72	78	88	85	87	81	79	81	78	86	84	67	70	79	85	86	77	73	79	76	80	79	79.5
	Minimum	47	47	49	57	63	61	61	62	63	58	59	64	67	69	63	65	66	64	63	65	63	64	63	64	65	64	59	59	60	61	60	61.2
Tionesta/-1.5 SE	Maximum	78	83	90	89	93	92	87	90	84	82	89	91	94	90	84	79	94	87	91	91	86	87	89	90	90	78	84	85	83	85	79	86.9
	Minimum	51	52	55	59	64	67	47	59	57	60	62	63	68	68	65	67	70	65	66	66	65	66	67	67	65	65	62	65	65	62	60	62.6
Titusville-2 S	Maximum	71	78	85	84	84	83	83	86	80	80	88	90	87	86	80	78	86	85	92	89	87	82	82	89	88	75	82	82	79	80	76	83.1
	Minimum	41	43	52	59	60	61	55	57	62	60	64	68	63	62	64	68	70	71	66	64	66	65	66	62	64	62	58	63	58	62	59	61.1
Towanda-1 E	Maximum	73	79	82	84	88	89	89	90	85	82	86	95	94	92	90	82	76	80	92	87	77	78	88	93	93	82	71	84	80	79	80	84.5
	Minimum	49	44	54	62	60	61	60	60	63	62	62	63	67	69	63	69	70	67	67	67	67	67	65	63	67	64	64	60	59	61	65	62.6
Tunkhannock/	Maximum	71	79	82	83	87	89	89	90	87	80	85	94	92	90	91	83	75	76	89	86	74	77	88	90	90	84	70	81	79	78	81	83.5
	Minimum	51	43	54	60	59	61	57	64	65	62	61	63	68	69	65	67	69	65	66	68	67	66	64	63	64	63	64	58	58	59	63	62.1
Uniontown	Maximum	76	84	85	87	89	91	88	85	85	86	91	92	93	90	85	84	87	89	90	91	87	80	88	90	90	86	78	83	83	90	84	86.7
	Minimum	58	56	59	61	67	66	63	69	66	60	69	69	70	69	68	69	71	72	69	68	67	71	71	68	69	68	68	63	60	69	66	66.4

Continued on page 64.

Daily Temperatures for August 1947—Continued from page 63.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	75	83	90	91	90	92	91	91	83	85	92	95	96	94	90	82	87	88	96	94	89	88	87	93	95	72	85	87	76	86	82	87.9
	Minimum	47	45	55	58	62	60	57	59	64	60	63	68	69	68	65	71	69	71	67	66	67	68	70	66	66	64	58	64	61	62	61	62.9
Waynesburg	Maximum	79	82	86	88	90	89	86	84	86	89	91	93	92	91	84	84	87	91	91	93	82	84	90	89	91	87	82	86	88	89	82	87.3
	Minimum	54	51	55	60	48	56	56	62	64	60	62	63	66	70	62	63	67	67	66	66	64	66	64	65	70	65	66	60	57	62	64	62.0
Wellsboro/	Maximum	72	80	85	87	88	90	90	91	90	82	81	95	93	93	89	82	83	80	92	88	75	81	86	94	92	78	71	84	81	83	81	85.1
	Minimum	49	40	43	60	60	60	60	57	59	58	62	62	67	65	61	63	67	66	66	65	65	66	64	63	63	65	68	62	56	58	62	60.5
Wellsville	Maximum	76	79	79	78	84	86	87	85	87	83	81	89	92	92	92	90	80	76	88	90	87	80	88	90	93	92	73	80	85	84	86	84.9
	Minimum	55	48	60	66	59	56	55	65	63	61	68	64	70	68	63	76	66	66	70	67	68	68	64	62	65	65	65	62	58	62	64	63.5
West Chester	Maximum	78	81	83	84	86	88	79	86	87	83	86	89	93	93	94	92	78	84	87	89	82	85	90	91	92	94	82	82	87	83	87	86.3
	Minimum	59	55	59	64	60	61	64	68	65	65	63	64	69	71	69	70	69	65	70	71	65	66	64	63	66	71	66	64	63	64	66	65.1
Wilkes-Barre Arpt. 1-3N.	Maximum	71	78	81	82	86	87	84	87	85	79	84	93	90	91	90	81	75	74	88	84	73	80	87	93	93	84	73	80	80	77	80	82.9
	Minimum	53	46	61	61	60	62	58	68	64	63	61	68	72	71	68	70	67	65	69	69	66	67	62	65	68	67	62	61	63	63	65	64.0
Williamsport Arpt.1-4 E	Maximum	73	78	79	80	85	88	89	91	86	81	81	94	82	93	90	85	75	77	90	89	75	74	86	90	90	83	72	83	81	77	83	83.2
	Minimum	53	45	59	66	62	62	61	60	63	61	68	66	70	68	67	69	70	68	70	69	70	69	66	67	69	67	67	63	61	65	61	64.6
Williamstown	Maximum	75	80	79	78	85	87	88	86	87	83	83	91	92	90	90	89	82	75	88	90	84	84	86	91	92	91	79	79	85	81	85	85.0
	Minimum	55	45	57	66	59	57	54	63	65	60	67	69	65	62	64	67	71	66	68	65	66	67	62	60	64	65	64	65	58	60	60	62.5
York-3 SW	Maximum	78	82	82	81	83	91	92	87	90	88	86	97	97	97	96	95	84	78	93	96	86	82	92	94	95	96	77	82	89	87	88	88.4
	Minimum	59	48	63	66	60	58	56	70	66	63	68	66	71	69	66	68	70	69	71	69	69	69	62	63	66	67	67	63	59	64	66	64.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.21	12	29.89	26	6.1	17	sw.	30	87	68	79	62	3
Harrisburg	30.32	11	29.81	26	5.5	26	n.	9	88	60	70	58	1
Philadelphia	30.34	11	29.81	26	6.6	22	e.	8	90	62	77	51	0
Philipsburg	30.31	11	29.92	26	.....	30a	sw.	9	95	69	89	.....	17
Pittsburgh	30.25	12	29.91	26	6.7	26	nw.	26	88	60	68	43	1
Reading	30.32	11	29.81	26	6.8	30	e.	20	82	....	....	68	0
Scranton	30.34	11	29.89	26	4.6	21	nw.	19	84	61†	....	34	6

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. a One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.2	5.3	18	2.0	31	18
Easton	Delaware	3.0	7.0	17	1.8	26†	22
Lehighton	Lehigh	3.6	4.2	1	3.2	26	9
Reading	Schuylkill	4.2	5.1	1	3.6	29	13
Wilkes-Barre	N. Br. Susquehanna	3.9	7.6	23	2.9	16	22
Williamsport	W. Br. Susquehanna	1.6	2.6	22	1.0	16	20
Newport	Juniata	3.9	8.0	31	3.4	8	22
Harrisburg	Susquehanna	3.9	4.4	25	3.6	18	17
Schenley, (nr) Lock No. 5.	Allegheny	12.2	13.0	23	11.8	10†	24
Sutersville	Youghiogheny	4.5	10.4	1	3.2	16	20
Charleroi(nr.), Lock No. 4	Monongahela	12.0	12.8	4	11.3	17†	30
Pittsburgh	Ohio	•	•	.....	•	.....	25
Midland, Dam No. 7	Ohio	•	•	.....	•	.....	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																															
Fog, heavy	3	5		7	7	13	7	7	21	10	6	7	6	9	5	6	9	6	7	7	9	11	13	12	12	7	5	9	9	7	
Frost, killing																															
Glaze																															
Hail	1		1		1							1							1	2					1					1	
Rain, heavy			2				1	1	2		1	4	1		1					1					2			1		3	
Sleet																															
Snow, heavy																															
Thunderstorms		3	13	6	1	1	3	23	36	2		6	16	19	15	24	15	2	22	25	19	6	1	5	21	33	2		8	37	13
Winds, high									4											4										3	

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).

a, b, c, etc. Number of days missing, for example, b indicates two days missing.

Italics, data interpolated.

§ Partly interpolated.

§§ Incomplete.

† And other dates.

†† Daily amounts inconsistent.

‡ Received too late to be included in means and summaries.

• Included in next measurement.

// Windshield on gage.

/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.
8 Data recorded at Altoona-Blair County Airport.
9 Official Station designation is Allentown-Bethlehem Airport.

(W. B O., Philadelphia—11-25-47—1100)

37.05
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER
HARRISBURG, PA.

VOL. LII. SEPTEMBER 1947. NO. 9.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

The hot summer weather that was August's chief characteristic continued up to the 15th of this month. From then on there was a decided change to colder, and the remainder of the month was as cold proportionately as the first part was hot. As a result of the balance between these two extremes, the mean temperature was exactly normal, pointing up the fact that a "normal" month may not have normal temperature distribution, and may be, as this was, a combination of some uncomfortably warm as well as uncomfortably cold weather. That there must have been something more than normal fuel consumption, however, may be deduced from the number of degree days (based on a mean temperature of 65°), at some localities ranging to three times the normal.

Rainfall was below normal but occurred with sufficient frequency to prevent excessive dryness. The first week was rather rainy owing mostly to shower and thunderstorm activity caused by a frontal passage. Again on the 15th there were general thunderstorms and heavy rains induced by an extensive front behind which ranged the cold weather that continued until the very last. The rains that followed in the next week were cold frontal and were accompanied by much windiness on the 21st and 22d.

A tornado that wrought the most damage near Burgettstown began about 2:00 a. m. at Eldersville with heavy thunder and lightning, but with little rain. The total path was 10 miles long and about a hundred yards wide. Two people were killed and about 20 houses and barns were damaged, the total property loss being about $100,000. In its path from Eldersville to Racoon, 17 houses were wrecked, at least five being completely destroyed. The roof of one house was found about a mile away and boards were found four miles away. The damage was worst at South Burgettstown. The most spectacular damage at that place was that of a machine shop constructed of brick, which suffered $15,000 damage. A lumber yard also suffered considerable damage. Public utilities were disrupted and among other damage, corn fields and orchards were laid waste.

The killing frost on the 23d ended what was probably the shortest growing season of record: 138 days. Nearly all late corn was killed by frost, while the buckwheat crop was damaged in the northern parts of the State. The lowest temperature recorded, 17° at Hawley on the 23d, was the lowest of record for September. In contrast to the shortness of the growing season this year was that of last year, which was the longest of record.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 64.2°, which is the 60-year normal for September. The highest monthly mean was 71.6° at Marcus Hook and the lowest was 58.0° at Hawley, 1 S. Extremes ranged from a maximum of 95° at Phoenixville on the 20th to a minimum of 17° at Hawley, 1 S. (Wallenpaupack Dam) on the 28th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 216 stations, was 2.35 inches, which is 1.08 inches below the 60-year normal for September. The greatest monthly amount was 5.21 inches at Graterford, while the least was 0.24 inch at Huntingdon. The greatest amount recorded in any 24 consecutive hours was 2.53 inches at Coudersport, 7.5 E. on the 2d. A trace of snow fell on the 22d and 30th at scattered stations.

OBITUARY

Mr. Bryson Greenawalt, who served as Cooperative Observer at McConnellstown since October 1, 1944, died on July 10, 1947.

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	59.6	84	29	4.84	.....	10	8	11	11
1889	61.9	92	30	5.05	.....	13	8	8	14
1890	62.2	91	25	4.57	T.	11	10	9	11
1891	66.6	94	32	2.39	.....	7	17	8	5
1892	62.4	90	29	2.81	.....	7	16	7	7
1893	61.2	90	26	2.67	.....	8	9	12	9
1894	66.6	95	24	6.30	.....	10	10	10	10
1895	67.8	100	21	1.71	.....	6	16	9	5
1896	63.6	98	26	4.82	.....	10	13	8	9
1897	63.8	100	24	2.18	.....	5	18	7	5
1898	66.0	100	25	1.70	.....	6	16	8	6
1899	61.8	93	23	4.70	T.	10	12	9	9
1900	68.4	100	27	1.77	.....	6	13	10	7
1901	63.6	95	29	3.39	.....	9	14	7	9
1902	62.7	99	28	4.66	.....	11	12	8	10
1903	63.2	94	27	2.09	.....	6	17	8	5
1904	63.7	95	21	3.37	.....	9	13	10	7
1905	64.0	95	27	3.41	.....	7	15	9	6
1906	67.0	99	30	2.46	.....	7	15	9	6
1907	64.8	95	29	6.37	.....	14	8	10	12
1908	65.6	99	26	1.60	.....	3	17	9	4
1909	62.8	96	26	2.27	.....	6	15	9	6
1910	65.5	95	32	4.49	.....	10	13	8	9
1911	64.9	92	26	5.29	.....	10	13	9	8
1912	65.5	95	25	5.57	.....	12	12	7	11
1913	62.4	97	24	3.28	.....	8	13	7	10
1914	61.5	98	21	0.99	.....	5	18	7	5
1915	66.5	96	25	2.56	.....	8	16	9	5
1916	62.5	98	23	3.77	.....	8	17	8	5
1917	59.0	91	25	2.31	.....	6	16	9	5
1918	58.7	88	28	3.97	.....	10	12	8	10
1919	64.4	96	28	2.07	.....	8	16	8	6
1920	64.5	91	24	3.99	.....	9	16	8	6
1921	68.9	98	31	4.68	.....	11	13	9	8
1922	66.3	100	22	1.48	.....	4	19	7	4
1923	64.8	92	22	3.55	.....	10	13	10	7
1924	59.8	99	26	6.44	T	11	11	7	12
1925	67.5	99	24	2.80	T.	8	11	12	7
1926	64.2	99	26	5.81	.....	12	11	7	12
1927	64.9	97	27	2.08	.....	6	18	7	5
1928	60.4	94	25	2.33	T.	9	12	9	9
1929	65.7	101	24	3.71	.....	9	14	8	8
1930	67.8	101	27	2.45	.....	9	15	10	5
1931	69.1	104	29	3.15	.....	9	16	8	6
1932	65.2	105	23	1.45	.....	6	16	9	5
1933	66.3	98	32	4.66	.....	12	13	8	9
1934	66.4	94	31	6.58	.....	12	12	8	10
1935	62.2	95	24	3.51	.....	8	15	7	8
1936	66.5	96	28	2.17	T.	8	14	7	9
1937	61.5	97	25	1.90	.....	7	17	7	6
1938	62.0	95	26	4.74	.....	12	11	8	11
1939	65.9	101	27	2.95	.....	9	14	8	8
1940	61.4	95	21	3.41	T.	7	15	8	7
1941	66.0	98	24	1.33	.....	5	18	7	5
1942	63.7	96	19	4.38	T.	10	13	8	9
1943	61.4	102	18	0.72	T.	5	15	9	6
1944	63.4	100	23	3.85	.....	12	10	9	11
1945	65.9	96	29	6.42	.....	14	8	10	12
1946	64.3	96	26	3.30	T	7	16	8	6
1947	64.2	95	17	2.35	T.	8	12	11	7
Period	64.2	105	17	3.43	T.	9	14	8	8

Climatological Data for September 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 9-4 NE	Lehigh	384	6	65.3	+0.5	90	13	30	28	2.81	−0.59	1.04	15-16	0	8	6	15	9	e.	U.S. Weather Bureau.
Altoona-1.5 W.	Blair	1,500	61	63.4	+0.3	87	15	27	28	2.25	−0.82	1.12	12	0	10	16	11	3	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	5	63.6	.....	91	4	28	27†	1.55	.....	0.64	10	0	7	16	6	8	sw.	Penna. Turnpike Comm.
Canton-1 NW	Bradford	1,450	7	60.4	.....	84	8†	24	28	2.10	.....	0.87	2	0	8	14	8	8	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	66.7	+1.2	92	13	28	28	1.34	−2.12	0.56	15	0	10	17	6	7	se.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	51	65.9	−0.4	92	4	29	27†	0.96	−2.13	0.33	22	0	7	18	5	7	s.	Charles A. Bender.
Coatesville	Chester	431	59	65.2	−1.1	89	11†	30	27†	2.88	−0.88	1.25	15-16	0	12	12	3	15	sw.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	4	59.7	.....	81	12†	26	23†	2.99	.....	1.71	4-5	0	11	6	9	15	se.	U. S. Weather Bureau.
Eagle Mere	Sullivan	2,020	5	58.6	.....	80	8	29	23†	4.05	−0.94	1.37	15	0	9	15	8	7	sw.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	9	62.2	.....	84	15	32	23	2.36	−0.60	1.02	15-16	0	11	10	11	9	se.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	60	61.8	+0.3	89	13	21	28	3.91	+0.05	1.00	2	0	10	9	11	10	nw.	R. E. Palmateer.
Ephrata	Lancaster	465	49	67.6	+1.2	91	13	32	27	3.12§	−0.45	1.03	4-5	0	8	17	6	7	se.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	24	64.0	+1.0	92	14	25	27†	0.78	−2.27	0.32	22	0	8	12	9	9	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	53	62.0	+1.8	83	8†	28	23	2.14	−1.67	0.76	22	0	7	11	4	15	w.	Andrew B. Evansha.
George School	Bucks	184	40	66.4	−0.1	89	13	32	27	4.22	+0.65	1.58	15-16	0	8	16	9	5	nw.	George M. Hart.
Gettysburg	Adams	553	73	67.8	+1.7	90	15	31	28	0.49	−3.03	0.12	15†	0	9	17	5	8	sw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	63.2	+0.8	89	13	24	28	1.92	−1.99	0.82	21-22	0	9	17	8	5	s.	Miss Sallie M. Johnson.
Hanover	York	600	42	67.2	−0.5	90	4†	32	27	2.49	−0.73	1.35	1-2	0	7	14	7	9	se.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	77	66.8	+1.0	90	14	32	28	1.35	−1.70	0.51	22	0	6	8	12	10	se.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	36	61.9§	+0.8	89	13	22	28	1.70	−1.91	0.73	15	0	7	18	10	2	nw.	Mrs. Delia M. Pennell.
Holtwood	Lancaster	200	31	68.9	−0.2	90	13	39	27†	1.77	−0.88	0.68	1-2	0	11	10	11	9	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	65.5	+0.9	90	12†	28	28	0.24	−3.12	0.19	22	0	3	13	13	4	w.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	59	66.2	+0.5	88	13	29	28	2.73	−0.65	0.90	15 16	0	13	17	8	5	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	49	63.5	−1.6	90	13	25	27†	2.46	−0.62	1.18	2	0	5	18	7	5	....	Carlos P. Darling.
Lebanon	Lebanon	469	62	65.6	−0.2	90	13†	30	27	2.78	−0.69	0.74	4-5	0	8	18	8	4	e.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	8	66.2	.....	93	15	29	28	0.62	.....	0.28	15-16	0	5	16	7	7	w.	American Viscose Co.
Lock Haven	Clinton	557	55	66.7	+1.8	91	12	28	28	2.05	−1.33	0.51	5	0	12	20	5	5	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	71.6	+0.7	94	2†	41	28	1.87	−1.19	0.53	21-22	0	13	6	13	11	e.	Sun Oil Co.
Martinsburg[8]	Blair	1,493	4	63.0	.....	87	12	26	27	0.65	.....	0.18	22	0	9	8	14	8	s.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	41	60.2	−0.3	87	8	27	28	3.35	−0.51	1.49	2	0	13	12	9	9	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	5	58.9	+0.5	82	14	25	27	2.12	−2.80	0.79	21 22	0	8	7	15	8	se.	U. S. Weather Bureau.
Palmerton	Carbon	455	28	63.2	−0.9	86	13	26	28	3.94	+0.22	1.35	2	0	11	9	12	9	ne.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	76	69.2	+1.2	89	13	40	27	2.91	−0.23	1.31	15-16	0	9	9	13	8	s.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	4	58.4	.....	82	15	19	27	1.69	.....	0.58	4 5	0	10	7	12	11	s.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	37	69.6§	+2.4	95	20	28	28	2.81	−0.57	0.74	15-16	0	6	15	8	7	sw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	8	63.0	−2.2	87	12†	27	28	3.45	−0.60	1.23	2	0	8	15	2	13	.....	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	61	64.4	−0.5	88	13	24	28	2.83	−0.82	1.04	15-16	0	8	17	9	4	s.	John E. Benner.
Reading	Berks	273	76	67.3	+0.7	90	13	34	28	3.28	+0.07	0.96	15-16	0	10	9	9	12	se.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	64.5	+1.6	89	13	30	28	1.82	−1.35	0.86	15-16	0	5	5	18	7	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	56	65.4	+0.6	91	14	25	27	1.44	−1.99	0.50	15	0	7	16	11	3	sw.	Dr. Merle V. Hoover
State College	Centre	1,217	61	63.3	+0.5	88	12	28	28	0.77	−2.25	0.34	13-14	0	9	7	15	8	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	27	.....	.....	91	14	25	28	3.23	−0.39	0.92	22	0	6	14	12	4	w.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	6	59.2	.....	81	13	28	23†	2.31	.....	1.00	12	0	9	7	13	10	e.	James E. Swartz.
Towanda-1 E	Bradford	754	52	64.0	+1.6	89	13†	25	28	2.18	−1.08	0.97	2	0	9	10	15	5	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	76	61.3	+1.4	89	13	22	28	2.71	−0.37	1.20	1-2	0	10	12	5	13	w.	M. S. Bliss.
West Chester	Chester	440	97	67.8	+2.1	91	13	33	27	3.43	+0.43	0.83	2	0	10	13	8	9	se.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	8	63.8	.....	89	8	28	28	1.61	.....	0.93	22	0	4	6	16	8	sw.	U.S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	2	64.4	.....	87	8†	28	28	2.08	.....	0.80	12	0	8	8	17	5	s.	U. S. Weather Bureau.
Williamstown	Dauphin	775	30	65.1§	+0.1	90	13	25	28	1.54	−2.17	0.71	22	0	6	6	22	2	.....	Gordon E. Lower.
York-3 SW	York	390	58	68.4	+1.9	92	13†	26	27†	2.64	−0.70	1.22	1-2	0	9	13	13	4	se.	York Water Co.
Division mean			....	**64.4**	.....	**95**	**20**	**17**	**28**	**2.25**	.....	**2.20**	**2**	**T.**	**9**	**12**	**10**	**8**	se.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	11	62.6	.....	85	11	31	23†	2.09	−1.16	0.56	13	0	7	5	14	11	w.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	29	60.8	+0.5	83	7†	21	28	2.97	−1.22	0.88	2	T.	11	15	10	5	se.	City Water Dept.
Brookville Apt.-1.5SW	Jefferson	1,400	56	61.6	+1.2	86	11†	26	27	2.77	−0.39	1.18	13	0	9	9	11	10	e.	Civil Aeronautics Authority
Butler	Butler	1,077	33	66.0	+1.8	92	12	28	27	1.98	−1.15	1.05	21-22	0	7	15	2	13	se.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	36	63.6	.....	86	4	27	28	2.13	−1.63	0.82	21-22	0	8	10	8	12	e.	Penna. Electric Co.
Claysville	Washington	1,170	43	65.4	−0.2	88	4	27	27	1.62	−1.62	0.80	21-22	0	6	10	15	5	s.	Walter B. Paget.
Corry	Erie	1,410	32	64.3	+3.2	90	8	29	23	3.21	−0.77	1.19	2	0	9	11	14	5	sw.	Geo. R. Mulderick.
Coudersport	Potter	1,683	22	60.3	+0.2	86	8	20	28	4.86	+1.72	2.38	2	0	8	17	10	3	s.	Potter Enterprise.
Derry	Westmoreland	1,150	49	66.8	+1.3	89	10	28	27	2.32	−0.84	0.57	15-16	0	8	15	11	4	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	60.9	.....	89	12†	22	27	1.17	.....	0.40	15	0	7	11	18	1	s.	Penna. Turnpike Comm.
Donora	Washington	761	20	68.5	+0.4	90	4†	34	27	1.39	−1.43	0.58	22	0	7	.....	.....	.....	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	61.2	‡0.0	84	12	27	27†	1.73	−1.69	0.49	15	0	9	5	11	14	s.	John L. McGough.
Farrell	Mercer	855	33	69.8	+4.6	93	4	36	27	2.61	−0.23	0.98	15	0	6	21	8	1	se.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	3	63.2	.....	87	6†	31	27	1.42	.....	0.52	21-22	0	6	17	7	6	e.	U.S. Engineers.
Franklin	Venango	987	72	63.8	+1.1	86	4†	29	28	1.99	−1.53	0.99	21-22	0	9	17	8	5	s.	William K. Fuller
Greensburg-2 S	Westmoreland	1,160	37	64.5	−0.9	88	11	26	27	2.18	−1.06	0.64	15	0	8	23	4	3	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	45	64.1	−0.3	87	7†	26	27	2.30	−1.42	0.51	15	0	10	7	20	3	w.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	5	63.8	.....	89	11	30	27	3.25	−0.10	0.95	21-22	0	10	.....	.....	.....	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	66.3	+0.9	90	4†	31	27	1.81	−1.67	0.68	13	0	8	10	15	5	s.	Johnstown Tribune Pub. Co.
Kane-1 N	McKean	1,750	31	58.5	.....	84	8	21	28	4.69	+0.92	1.70	2	T.	10	15	5	10	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	52	63.2	+1.1	88	8†	31	27†	3.52	−0.08	1.01	21-22	0	9	10	15	5	sw.	City of Meadville.
Midland	Beaver	780	10	65.1	+0.1	87	9†	32	27	2.67	+0.10	1.13	21-22	0	9	13	12	5	se.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	66	64.6	+0.2	89	11	30	27	2.01	−1.07	0.95	21-22	0	8	18	9	3	s.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,286	13	66.3	+1.6	89	11	36	30	1.52	−1.06	0.56	21-22	0	8	9	14	7	s.	U. S. Weather Bureau
Putneyville-2.5 SE	Armstrong	1,270	3	61.0	.....	36	4†	24	27	2.87	.....	0.92	13	0	9	13	12	5	nw.	U.S. Engineers.
Ridgway	Elk	1,385	39	60.8§	+0.8	89	14	23	28	4.29	+1.00	1.60	2	0	8	9	11	10	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	61.2	+0.5	85	12	22	27†	2.85	−0.63	0.66	12	0	8	8	7	15	se.	D. L. Grove.
Springs-1 SW	Somerset	2,500	27	59.2	−0.7	82	12	25	27	3.51	+0.09	0.90	12-13	0	11	6	10	14	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	9	62.6	.....	87	10	29	28	2.40	−0.94	0.94	21-22	0	9	13	5	12	sw.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	3	62.6	.....	85	7†	26	27	3.13	.....	0.94	21-22	0	9	2	27	1	se.	U. S. Weather Bureau
Uniontown	Fayette	1,040	58	68.5	+2.0	91	10†	32	27	2.56	−0.66	0.80	13	0	7	13	15	2	sw.	William W. Marsteller.
Warren	Warren	1,190	58	64.6	+2.4	90	8	28	28	3.44	−0.82	1.08	2	0	7	22	4	4	se.	Merrell L. Jordan.
Waynesburg	Greene	1,100	17	64.3	−1.4	89	10	24	27	2.01	−1.39	0.61	15	0	7	13	12	5	w.	Mfr's Light & Heat Co.
Division mean			....	**63.6**	.....	**93**	**4**	**20**	**28**	**2.59**	.....	**2.53**	**2**	**T.**	**8**	**12**	**11**	**7**	s.	
Lake Drainage																				
Albion	Erie	900	3	65.0	.....	89	9	34	23†	4.08	.....	1.94	21-22	0	9	18	7	5	sw.	Albion High School
Erie	Erie	705	73	66.7	+3.1	90	11	41	28	3.65	+0.26	1.57	21-22	0	7	10	13	7	se.	U. S. Weather Bureau.
State mean			....	**64.2**	**‡0.0**	**95**	**20**	**17**	**28**	**2.35**	**−1.08**	**2.53**	**2**	**T.**	**8**	**12**	**11**	**7**	s.	

[See page 72 for explanation of reference marks.]

Daily Precipitation for September 1947

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike		1.30	.30		.36						.09				.15	.34						.38	.38								3.30
Equinunk[2]	Wayne		1.09	.59		.27	.03								.01		.30				.25		.34	.12								3.00
Hawley[2], 0.5 E	Wayne		.02	.17		.07											.73				.06		.33	.32								1.70
Hollisterville[2]	Wayne		T.	.04	T.	.02	.03	.02	.09								.22			.18		.06	.84	.28						T.		1.78
Lakeville[2], 1 N	Wayne			T.		T.	.27										.96				.10		T.	.65						.15		2.13
Matamoras[2]	Pike		.58									.27					.42				.32		.27	.61								2.47
Milanville[2]	Wayne		.34			.43											.51				.13		.28	.27								1.96
Mount Pocono[1], 2 N	Monroe		.55			.16		T.		T.	T	T.				.34	.20			.04	.02	.16	.65							T.		2.12
Pecks Pond[2]	Pike		.24	.10		.01	T.								T.		.45				.20	.02	.89	T								1.91
Pleasant Mount[1, 5], 1 W	Wayne		1.01			.55										.25	.18			.10			.57							.03		2.69
Stroudsburg, 2 E	Monroe		.6			.80			.13							.25	.45						.92									3.23
Tanners Falls[1, 5], 1 SE	Wayne		.30			.12										.12	.13			.14			.58									1.39
Wind Gap[1, 5], 3 SW	N'rthampton		.79			.21					.10				.20	.19	.30			.01	.09		.68									2.57
LEHIGH																																	
Allentown Apt[1, 5], 4 NE	Lehigh		.58		.01	.22		T.		T.	.37					.94	.10				.04	T.	.55									2.81
Allentown[2]	Lehigh		.64	T.	.15	.15	.08	.02				.04					1.22				.02	T.	.56	.22								3.10
Bethlehem[1]	N'rthampton		.74		.12	.30		.02		T.	.03					1.17	.34				.02	.01	.67									3.42
Blakeslee Corners[1, 5]	Monroe		.54			.37										.25	.10					.04	.89									2.19
Gouldsboro[2]	Wayne		.27	.14		.05			.02							.72					T.		.61	.27						.04		2.12
Lansford[2]	Carbon		1.50	T.	T.	.09	.27		T.		T.	.02					.43				.14	*	.90	.28								3.63
New Tripoli	Lehigh		.99		.22	.21		.01				.15				.06	.65				.08	.06	.99									3.42
Palmerton[1, 5]	Carbon		1.35		.06	.51		.07			.26	.10			T.	.57	.09			.08	.02		.83									3.94
Zionsville, 1 SW	Lehigh		.75		.05	.40					.35					.65	.45					.05	.60									3.30
SCHUYLKILL																																	
Conshohocken[2]	Montgomery		.21		T.	.17	*	.38				.20					1.00						.08	.65		.36						3.05
Fredericksville[2], 1 S	Berks		.56	.06	.05	.26	.03	T.	.50	.01		.06					.87					.03	.30	.13								2.86
Geigertown[2]	Berks		.21			.69	.05										1.36					.02	*	.82		.05						3.20
Gratersford[7]	Montgomery		.28			1.18	.31	.02				.87					1.62						.02	.91									5.21
Phoenixville[2], 1.5 SE	Chester		.26			.72	.02					.49					.74					T.	T.	.58									2.81
Port Clinton[2]	Schuylkill		1.23		.13	.65	.06										.46					.11	.41	.40									3.45
Pottstown[2], 0.5 S	Montgomery		.40		.08	.83			.09			1.02					.77					T.	.38	.81		.08							4.46
Pottsville[2]	Schuylkill		1.30		.13	T.	.20		T.								.64					.23	.85	.12									3.47
Reading[1, 5]	Berks		.46		.65	.39	.02	.20		T.		.04				.95	.02				.04	T.	.51										3.28
Strausstown[2]	Berks		.95		.09	.33			.08								.57					.10	.18	.38									2.68
Virginville[2]	Berks		.49		.15	.25	.03		T.								1.55					.01	.33	.29									3.10
Wernersville	Berks		.58		.50	.49		.08	T.							.27	1.17				.06	T.	.71										3.86
LOWER DELAWARE																																	
Coatesville[2]	Chester		.48		.02	.15	.04	.01	.06	.03	T.						1.25	T.				.02	.07	.34		.41	T.						2.88
Doylestown	Bucks		.93		T	.23	T.	T.		T.	1.32					.18	.14				.05	T.	.67			.31							3.83
George School[6]	Bucks		1.47		.01	.21	T	.06	T.							1.48	.10						.63			.26							4.22
Maple Glen[7]	Montgomery		.35		.36	.30			.07			.33					.93						.41	.15		.33							3.23
Marcus Hook[2]	Delaware		.12			.08	.13	.04	.06	.16		.22					.11					.02	.02	.51		.35	.05						1.87
Philadelphia																																	
Southwest Airport, 1	Philadelphia	.05	.10		.03	.21	.09	T.	.18	T.	.17					.85	.01			T	T.		.66		.01	.35							2.71
City Office[1, 5]	Philadelphia	T.	.18		.01	.28	.04	T.	T.	T.	.07					1.24	.07				T.		.71		T.	.31							2.91
Shawmont	Philadelphia		.36		.05	.25	.05	T.	T.		.18	T.				.65	.25						.77		T.	1.10							3.66
Quakertown, 0.5 E	Bucks		.66			.28	.03	T.			.13					.51	.53				T.	.05	.64			T.							2.83
West Chester	Chester		.83		.09	.19	11	T.	.01		.40				T.	.42	.34				T.		.64			.40							3.43
West Grove[2], 1.5 SE	Chester		.58		.23	.19	.24	.23									.42					.05	T.	.60		.42	T.						2.96
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga		1.18			.06							.02	.39		.18				.03	.10	.38	.18									2.52
Covington[2]	Tioga		1.85											.34			.07				.04	.05	.31							.04		2.70
Lawrenceville	Tioga		1.18										.50	T.			.25						.38							.15		2.46
NORTH BRANCH																																	
Berwick	Columbia		.03		.03	.21										.33	.49				.19	.05	.52									1.85
Canton[2], 1 NW	Bradford		.87			.11	.02							.29			.20				T.	.08	.45							.08		2.10
Danville[2]	Montour				.02	.15	.03										.37				.15	.26	.63	.06								1.67
Freeland[2]	Luzerne		.40			.60	.05		.03								.15					.15	.76									2.14
Hop Bottom[2], 2 S	Susquehanna		1.04	.57		*	.40	.11									.27				T.		.35	.24								2.98
Millville[1, 5]	Columbia		*	*		*	.15									.35	.02			.05	.18		.37									1.12
Monroeton[2], 2 S	Bradford		.92	.65		.11	1.22		T.					.69	T.		.35				.02	.04	.32	.09							.07		4.48
Montrose[2], 3 E	Susquehanna		.66	.83		.26	.07	.05						.07	.01		.68				.01	.01	.52	.17							.01		3.35
Orwell[2], 3 N	Bradford		.35			.44	.08							.13			.38						.53								.06		1.97
Park Place[1], 1 NW	Schuylkill		.58		.01	.14		T		T.	.01	.21				.40	.02				.02	.12	.05	.74						T.	T.		2.30
Pikes Creek[1, 5]	Luzerne		.03			.05																											§§
Rush[2]	Susquehanna		1.85			.09	.14	.34						.06	.05		.41				.09		.62								.02		3.67
Scranton[1, 5]	Lackawanna		.12			.11										.70	.16				T.		.73							T.	T.		1.82
Susquehanna[2]	Susquehanna		1.36	.02		.02	T.							17			.66				.14		.54	.04							.02		2.97
Towanda, 1 E	Bradford		.97		T.	.14	T.						.12	.01		.07	.38				.01	T.	.45							T.	.03		2.18
Tunkhannock[2]	Wyoming		.50				.35					.02					.51						.35	.02									1.75
Wilkes-Barre[1], 3 N	Luzerne		.20			T.						T.				.32	.16			T.	T.		.93										1.61
WEST BRANCH																																	
Bellefonte[2]	Centre		.04		T.	.65								.32					.15		*	.20											1.36
Carrolltown[2]	Cambria		.04			T.	.28						1	.24	.23		.48						.27	T.							.27		1.81
Carter Camp[2]	Potter		1.41			.10								43	1.04		.21				.24	.24	.25	.03							.06		4.01
Cedar Run[2]	Lycoming		.68			.11								53	.08		.02				.11	.48	.12										2.13
Clearfield[2]	Clearfield		.23			.92	.03							13	.09		.09						.17	.02							.11		1.79
Coalport[2]	Clearfield		.40				.10							44	.56								.20										1.70
Curwensville Apt[1] 6 NW	Clearfield	.01	.10		1.40	.31			.01	T.	T.	T.	.34	.15	T.	.18					T.	.01	.34							.14	T.		2.99
Driftwood[1, 5]	Cameron		.32		.52	.41							.20	*	*	*	.98	.13	.05				.19							.02			2.82
Dushore[1, 5]	Sullivan	*	1.75										.20			1.03	.04						.50										3.52
Eagles Mere[2]	Sullivan		.96	.16				T		.13			T.	.66			1.37				.04	.12	.47	.14							T.		4.05
Emporium[2], 1 E	Cameron		1.00		T.	.25				T				.72	.84		.13				.12	.32	.35	.03							.14		3.91
English Center[1, 5]	Lycoming		.39										.81			.40	.02				*	.70	.25										2.57
Galeton	Potter		2.20			.04							.30	.20	.40		.20				.04	.32	.46							T.	.20		4.86

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield		.34			.48	.03							.10	.70		.24					T.	.14	T						.25		2.28
Lock Haven[2]	Clinton		.39		.03	.50	.01							.28	.01		.25				.09	.28	.18	.01						.02		2.05
Medix Run[1, 5]	Elk		.30		.01	.67							.35	.80	.02	.19						.02	.20						.05	.02		2.63
Philipsburg[1, 5, 7 E]	Centre	T.	.21		.20	.38				.02			.39	.02		.14					T.	T.	.26						.06	.01		1.69
Renovo[2]	Clinton		.28		.08	.32								1.05			.03				.03	.12	.17							.01		2.09
State College[1, 5]	Centre		.03		.06	.07		T.	T.				.09	.33	.01	.01					T.	T	.16						.01	T.		0.77
Tamarack[2], 2 S	Clinton		.22			.20		T	T.					1.00	.41		.04				.02	.15	.19	T						.08		2.31
Trout Run	Lycoming		.18		*	.88							.20	.44			.24				*	.75	.16									2.85
Tyrone [1, 5, 4 NE]	Blair	.26									.10		.08			.14							.06									0.64
Wellsboro[2]	Tioga		1.20			.01			T.					.80	.11	.01	.07				.04	.06	.36	T.						.05		2.71
Williamsport Apt.[1-4 E]	Lycoming		.17		.22	.08						T.	.80			.11	.03			T.	.43	T.	.24						T.	T.		2.08
Williamsport[2]	Lycoming		.76		.19	.12								.31			.10				.09	.46	.27							.04		2.34
Williamsport[2], 4 SE	Lycoming		.15		.13	.14	T.							.47			.12				.16	.53	.25	.03						T		1.98
JUNIATA																																	
Altoona, 4.5 W	Blair					.10	.06				.10		1.12		.30		.28				.03	.03	.16							.07		2.25
Breezewood[1], 0.5 E	Bedford					.10	.05	.10			.13		.18			.05							.38						.01			1.60
Buffalo Mills[2]	Bedford						.20								.17		.10						.21									0.68
Burnt Cabins[1], 2 NE	Fulton						.18	.07			.64		.01			.35					T.	.02	.28									1.55
East Waterford[2], 3 E	Juniata				T.	.04	.02	.01	.01		.01	.84			T.		1.02				.01	.02	.19	.19						T.		2.36
Everett[2], 0.5 SW	Bedford					.01	.14		.04		.20	T.					.03					.04	.30	.02						T.		0.78
Huntingdon[2]	Huntingdon					T.	T.	T.		T.				T.	.05							T.	.17	.02						T.		0.24
Lewistown[2], 1 W	Mifflin				T.	.15	.02				T.	T.		T.			.28					T.	.12	.05						T.		0.62
Mapleton Depot[2]	Huntingdon					.01	.04	.03	T.			.09		T.	.16							T.	.12	.07						T.		0.52
Martinsburg[1, 8]	Blair				T.	.13		.02		T.	.03		.13	T.	.05	.04					.01	T	.18						.06			0.65
McConnellstown[2], 4NW	Huntingdon					.03	.15	T.	.01			.20		.03	T.		.02					.06	.22	T						.01		0.73
Neffs Mills[1, 5], 3.5 NE	Huntingdon					.10							.03										.15									0.28
New Bloomfield	Perry				.03	.71											.52					.06										1.32
Newport[2]	Perry					.58	.02		.05			.01	T.				.30					.03	.11	.25									1.35
Saxton[2], 1 W	Bedford						.05	T.	.05		T.	.21		.14	.10		.03						.26	.04						.09		0.97
Shade Gap[1, 5], 0.5 SW	Huntingdon							*	*		*		*			.63							.30									0.93
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams		.05			.05	.04	.02	1.00	.05		.29	.31				.08				T.	.05	.10	.10	T.								2.14
Beavertown[2]	Snyder					.04											.94							.09									1.07
Bloserville, 1.5 N	Cumberland		.06		T.	T.	.04	.05	T.	.02	.10						.50				.08	T.	.30										1.10
Carlisle	Cumberland				.02	.06	.09	.08	T.	.06			.03			.06	.50				.06		.38							T.			1.34
Columbia	Lancaster		.43			.23	.03	.62	T.	.05						.21	.25				T.		.34										2.16
Dauphin[2], 3 N	Dauphin		.78			.40	.02	.02	T		T.	T.	.02				.40				T.	.07	.09	.45						T.			2.20
Ephrata	Lancaster		.27			1.03		.04	.14							.50	.70				.02		.42										$3.12
Glen Rock[1, 5]	York	.64	.05			.04	.03	.44								.68	.06						.36										2.30
Gordon	Schuylkill		.02		.06	.21							.08			.06	.45				.05	.17	.82										1.92
Grantville, 2 SW	Dauphin		.18		.07	.53	T.	.11	.01		T.					.17	.41				.01	.02	.69										2.25
Hanover[2]	York		1.35			.01	.04	T.	.28	T.							.29				T.	T.	.30	.22									2.49
Harrisburg Apt[1, 5], 3.5 S	Dauphin	T.	T.		T.	.12	.01	.31	T.		T.	T.				.36					.04	T.	.51										1.35
Holtwood[2]	Lancaster		.68			.13	.05	.07	.05	T.		.01					.15				T.	.01	.08	.28		.26							1.77
Huntsdale[2]	Cumberland					.02	.03	.06	.16	T.		.15					.30					.06	.15	.20										1.13
Kirkwood[1, 5], 1 SW	Lancaster		.12			T.	T.									.26	.01					.05	.35		.04	.26							1.09
Lancaster	Lancaster		.40		.05	.52	.03	.31	.02	.02		.03				.23	.67				.02	T.	.42		.01								2.73
Lebanon[2]	Lebanon		.55			.74	.02		.08	T.							.72					.02	.28	.37									2.78
Middletown[1], 1.5 W	Dauphin	T.	.05		T.	.05	.02	.04			T	T.				.22					.04	T.	.57										0.99
Millersburg[1, 5], 2 E	Dauphin		.10		.50											.54							.42										1.56
Milroy[2]	Mifflin					.22								.15									.35										0.72
Newburg[1], 3.5 NW	Cumberland					T.	T.	.01			.30					.32					.05		.29	T.									0.97
New Park	York		.98			.06	.08	.15								.11	.55				.01	T.	.05			.37							2.36
Pine Grove[2], 1.5 NE	Schuylkill		1.22		.21	.16	.01		.10							.04	.91					.04	.59	.39						T.		3.67
Selinsgrove	Snyder		.02		.01	.19											.50				*	.29	.43										1.44
Shamokin[2]	N'umberland		.10		T.	.20	.05		.03							T.	.67				.03	*	.92	.14									2.14
Shippensburg	Cumberland				T.	.09		.20			.18						.45					.04	.19										1.15
Sunbury[2]	N'umberland		.04			.19	T.										.65					.35	.42	.20						T.		1.85
Wellsville	York	T.	.06		.04	.04	.02	.15	01								.07				.01	.02	.54							T.		0.96
Williamstown[2]	Dauphin		.22		T.	.29	.09		.23	T		T.										T.	.35	.36									1.54
York, 3 SW	York		1.22			.30	.10	.34				.02				.10	.13				.02		.41										2.64
York Haven[2]	York		.31			.05	.04		.19	.06							.10					.03	.30	.34									1.42
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin					.08	.02	.10			.09					.25					T.	.09	.33										0.96
Gettysburg	Adams			.02		.02	.04	.10	.01		T.						.12				.01	.05	.12										0.49
Hewitt, 2 SW	Bedford					.15				*	.57				*	.33							.26										1.31
Hyndman[2]	Bedford		T.			T.	.28			T.	.06	T.			.10		.23						.23										0.90
McConnellsburg[2]	Fulton						.10	.30	T.								.48						.20	T.									1.08
Mercersburg[2]	Franklin		T.				.03	.11	T.			T.					.23					.05	.22										0.64
South Mt. San't'm[2]	Franklin		.06			.09	.05	.06	.12	.03	T.	.21					.24					.05	.08	.36										1.35
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny		.16		T.	.03	.26								.05		.11						.60							.16			1.37
Allens Mills[1, 5]	Jefferson		.31		.76	.20							.08	1.32		.30							.51						.16				3.64
Blairsville[1], 6 NE	Indiana				.07	.30						T.	T.	.56		.54						T.	.49						.12	.01			2.09
Boswell[2], 6 NW	Somerset				.03		.17						.31	.05	.91		.87						.45							.18			2.97
Bradford, 4 W	McKean	.04	.88			.16								.22	.10		.28				.20	T.	.80	.06					.12	.11			2.97
Brookville[1], 1.5 SW	Jefferson		.12	T.	.10	.11							.22	1.18		.29						.12	.42						.21				2.77
Buckstown[1, 5]	Somerset				.03	.14								1.43		.31							.28						.04				2.23
Clarion[2], 3 SW	Clarion		.38			.07	.05								.36		.25						.77	.05							20		2.13
Corry	Erie		1.19			.02							T.	.15	.17	.32	.02						1.10						.22	.02			3.21
Coudersport	Potter		2.38										.03	*	1.18		.24				.29		.74										4.86
Coudersport, 7.5 E	Potter		2.53			.13								*	.81		.16				.25	.07	.51	.01									4.47
Derry	W'moreland				.03	.25						T.	.38		.27	.44	.13						.45						T.	.37			2.32
Donegal[1]	W'moreland					.10						.30	.10	.02		.40							.15						.10	T.			1.17
Dunlo[1, 5], 0.5 SW	Cambria					.20							.08	1.37		.33						.02	.26						.15	.02			2.43
Ebensburg[2]	Cambria					.01	.10		.01				.34	.13	.23		.49						.22								.20			1.73
Ford City[2], 4 S	Armstrong		.14			T.	.44							T.	.06		.13						.52	T.						.13			1.42
Franklin[2]	Venango		.08		T.	.05	.01								.17		.40						.82	.17					.07	.22			1.99
Glen Hazel[2], 1 NE	Elk																																
Home[1, 5]	Indiana		.22		.05	.15										.27	.05						.39						.10				1.23
Indiana	Indiana		.08			.15	.02						.43	.15	.22	.28	.23						.41							.33			2.30
Johnstown[2], 0.5 W	Cambria						.09						.05	.25	.68		.51						.16	.02						.05			1.81

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean		1.70		.54	.17							.06	.33		.56					.04	.39	.68						.27	T.		4.69
Kregar[1], 4.5 SE	W'moreland			T.	.15					T.		T.	.05	.25		.82						.03	.50						.13	.07		2.00
Lycippus, 1.5 E	W'moreland			T.	T.	.25						.10	1.80	.37		T.	.30						.50						.04	.30		3.16
Marienville[1, 5]	Forest		1.08		.27	.08							*	*	*	1.94						.41	.45						.23			4.36
Meadville[2], 1 S	Crawford		.51			.52	T.						.24	.08			.76						.68	.33				T.		.22	.18		3.52
Mosgrove[2]	Armstrong		.03			.25	.10								1.56		.31						.65	.02							.13		3.65
Parkers Landing[2]	Armstrong		.29			.20	.11								T.		.30						.77						T.	.30		1.97
Pittsburgh Cty Of[1, 5]	Allegheny		.24		T.	.28							T.	.04		.17						.28	.35						.07			1.43
Port Allegany[2]	McKean		.84			.11	T.						.07	.01	1.55		.18				.14	.12	.65	.13							.17		3.97
Punxsutawney[2]	Jefferson		.17			.89	.05							.01	.47		.05						.37								.15		2.16
Putneyville[2], 2.5 SE	Armstrong		.59			.18	.07						.20		.92		.21						.67	.07							.11		2.87
Ridgway[2]	Elk		1.60		.02	.22								.10	1.07		.32						.76	T.							.20		4.29
Saltsburg[2]	Indiana		.05			.01	.20							.13	.09		.25						.52								.10		1.35
Seward[2]	W'moreland		.08				.22						.31	.10	.76		.38						.31	.04							.06		2.21
Shefield[1, 5, 6 W]	Warren		.80		.52	.01								.11		.18						.66	.46						.24			2.98
Smethport[1, 5, 1 SW]	McKean		1.56		.10	.05								1.32	.03	46					.14	.37	.49						.11			4.63
Strongstown[1, 5]	Indiana	.03			.03	.10								.13	.67		.47					.04	.35						.19	.05		2.06
Tionesta[2], 1.5 SE	Forest		.20			.45	T.							.16	.21		.15						.84	.10						.12	.17		2.40
Titusville, 2 S	Crawford		.35			.76								.10		.72	.02						.91	.03						.14	.10		3.13
Union City[1, 5]	Erie	.27	.38		.02	.02							.38		.60	.71						.60	.39						.21			3.58
Vandergrift[2]	W'moreland		.15		.06		.17								.40		.10						.63								.45		1.86
Warren[2]	Warren		1.08			.53								.25	T.		.42					T.	.82	.14					T.	.20		3.44
Youngsville[1, 5]	Warren	.19	.35		.61								.61			.46						.48	.38						.23			3.31
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset					.04	.26						.06	.03	.60		.47						.44	T.							.14		2.04
Connellsville[2]	Fayette					.08	.21							.14	.18		.37						.51	T.							.12		1.61
Donora[1]	Washington				.01	.26							.05	.10		.35							.58						.04			1.39
Greensboro[2]	Greene					.03	.40	.03						.04	.32		.28						.67	.08							.18		1.98
Greensburg, 2 S	W'moreland					.19							.31		.46	.44	.20						.50						.03	.05		2.18
Irwin	W'moreland				T.	.25							T.		.10	.10	.35						.63						.02			1.45
Meyersdale[2]	Somerset		.13			.01	.29				.02			.25	.85		.28					.01	.28									2.12
Murrysville // [1, 5]	W'moreland		.05			.30						.01	.03	.03		.19						.13	.37						.05			1.16
Pittsburgh Arpt.[1, 5]	Allegheny		.01		.01	.24							T.	.45		.23						.17	.39						.02			1.52
Rices Landing[2]	Greene					.01	.19							.96	.15		.68						.62								.21		2.82
Somerset	Somerset				.09	.12							.66	.42	.58		.52						.42						T.	.04		2.85
Springs[6], 1 SW	Somerset		.88			.24	.26				.01		.54	.90	.16	.40	.01						.51						T.	.10		3.51
Uniontown	Fayette					.40	.01						.10		.80	T.	.36						.68						T.	.21		2.56
Waynesburg[2]	Greene					.06	.25							.10	.19		.61						.57							.23		2.01
BEAVER																																	
Beaver Falls[2]	Beaver		.10			.07	.19							T.	.10		.32						.89	T.					.02	.36		2.05
Butler	Butler		.09			.15									.18		.31						1.05	.05					.15			1.98
Farrell[2]	Mercer		.10			.40											.98						.85						.16	.12		2.61
Greenville	Mercer				.24	.43							.10			.67	.01						1.00						.36	.02		2.83
Jamestown[2], 2 NW	Mercer		.25			.86	.01							.34	.01		.40						.92	.03					.22	.21		3.25
Mercer Arpt.[1], 2.5 NE	Mercer	T.	.13		.12	.07							T.	.02		.39					.01	.48	.45						.43			2.10
New Castle[1], 1.5 N	Lawrence		.10		.01	.05								.16		.42						.49	.46						.32			2.01
Pennline, 2, 1 S	Crawford		.50	.02		.05								.02	T.		.23						1.20	.17					.16	.28		2.63
OHIO																																	
Claysville[2]	Washington					.27							.06	.04		.40	T.						.80						.05	T.		1.62
Coraopolis[2], 1 E	Allegheny		.25			.06	.20							T.	.01		.30						.62						.01	.11		1.56
Midland[2]	Beaver		.15			.05	.24							.05	.03		.60						1.13						.02	.40		2.67
Washington[1, 5]	Washington					.24								.12		.30						.27	.47						.04			1.44
LAKE DRAINAGE																																	
Albion[2]	Erie		1.60	.06		.07								.01			.13						1.48	.46					.02	.25			4.08
Erie[1, 5]	Erie	.68	.71			T.								T.		.26				T.	1.17		.40					T.	.40	.03		3.65
Raymond[1, 5]	Potter		.85			.08							.33	.52	.04	.20				.17	.35	.46	.27						.10			3.37

[See page 72 for explanation of reference marks.]

Daily Evaporation(inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2], 1 SW.	Evaporation	.140	.156	.156	.130	.158	*.022*	.166	.084	.077	.179	.193	.086	.124	.154	.144	.212	.141	.177	.160	.082	.104	.208	.122	.096	.050	.084	.109	.101	.136	.069	....	3.766
	Wind movement	35	24	35	21	25	33	15	9	15	66	41	17	17	19	23	58	39	44	26	23	34	79	94	17	11	31	52	36	47	62	....	1048
Ford City[2], 4 S	Evaporation	.103	.118	.186	.136	.132	.088	.140	.124	.120	*.128*	.166	.158	.084	.094	.165	.178	.133	.173	.217	.115	.125	.172	.183	.093	.061	.144	.093	.078	.143	.043	....	3.637
	Wind movement	5	35	50	16	34	10	22	5	27	30	30	13	20	20	13	40	30	16	27	3	20	81	83	13	19	30	35	21	36	51	....	835
Hawley[2], 1 S.	Evaporation	.229	.234	.115	.125	.194	.056	.128	.035	.155	.022	.209	.268	.122	.182	.171	.175	.180	.138	.241	.082	.070	.090	.118	.108	.063	.096	*	*	*	.467	....	4.073
	Wind movement	56	35	98	48	36	33	29	10	13	23	44	90	112	81	30	84	76	28	55	84	51	167	107	50	33	68	72	54	43	129	....	1839
Jamestown[2], 2 NW	Evaporation	.160	.156	.162	.130	.238	.066	.094	.150	.174	.202	.178	.152	.150	.086	.189	.087	.112	.167	.107	.118	.114	.193	.115	.096	.102	.130	.130	.064	.114	.024	....	3.960
	Wind movement	31	12	39	18	22	27	17	11	27	64	85	47	29	43	11	36	19	32	24	34	38	66	57	24	49	38	26	33	47	54	....	1010
Neffs Mills[2], 3.5 NE.	Evaporation	.116	.120	.218	.136	.094	.046	.112	.070	.142	.154	.078	.154	.068	.132	.040	.310	.084	.244	.130	.093	.078	.084	.110	.114	.174	.144	.110	.116	.018	.090	....	3.574
	Wind movement	9	3	37	30	15	4	7	6	13	15	19	16	8	11	5	41	23	13	6	6	13	66	58	11	21	34	21	32	23	46	....	612

Italics mean minus quantity.

[See page 72 for explanation of other references.]

Daily Temperatures for September 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	72	76	84	85	85	80	83	87	89	88	87	85	82	85	82	70	81	86	84	85	81	55	60	76	69	72	66	63	58	59	...	77.0
	Minimum	45	62	45	63	65	57	62	57	64	67	68	70	67	62	58	44	44	54	56	65	57	49	34	40	46	42	34	42	38	36	...	53.1
Allentown Arpt.[1,9-4 NE	Maximum	80	86	85	87	79	79	84	86	80	87	86	88	90	89	80	74	77	80	86	58	78	74	60	59	68	60	60	62	68	56	...	76.2
	Minimum	57	66	60	59	66	66	66	70	68	68	68	68	67	70	66	53	48	50	55	53	57	44	35	40	44	35	31	30	34	38	...	54.4
Allentown/	Maximum	79	86	84	86	89	77	86	86	79	85	86	88	89	90	80	74	76	80	87	63	78	69	64	61	69	60	61	62	69	54	...	76.6
	Minimum	60	61	60	60	64	67	67	69	69	69	69	71	69	70	66	62	48	50	52	64	54	59	37	40	42	35	31	32	36	40	...	55.4
Altoona-4.5 W	Maximum	79	80	83	86	75	83	77	82	83	82	82	85	83	81	87	71	74	77	85	73	78	71	60	57	70	57	54	55	64	58	...	74.5
	Minimum	55	66	59	62	65	62	65	62	65	67	67	62	61	62	59	52	44	50	55	56	53	45	31	36	46	32	29	27	38	38	...	52 4
Arendtsville/	Maximum	83	85	87	92	77	75	80	84	83	85	88	88	90	90	89	77	77	83	88	60	76	67	63	61	71	61	61	66	69	59	...	77.2
	Minimum	67	67	60	60	60	61	60	59	59	72	67	67	64	64	65	58	56	58	54	57	52	60	33	39	40	38	33	34	34	40	...	54.3
Beavertown/	Maximum	79	83	84	85	77	77	80	88	84	82	88	89	90	89	89	74	77	79	86	86	73	64	60	59	68	58	61	61	67	55	...	76.4
	Minimum	53	56	57	58	62	63	63	68	68	67	68	64	63	65	66	53	43	46	47	54	55	58	30	31	41	30	26	23	37	43	...	51.9
Berwick	Maximum	84	85	84	87	84	86	84	89	88	86	90	90	91	90	88	85	79	82	87	86	72	76	59	62	69	64	60	64	69	64	...	79.5
	Minimum	57	69	57	60	66	65	64	68	66	68	70	67	67	68	64	57	46	48	54	53	54	57	32	39	48	32	29	28	36	44	...	54.4
Bethlehem[1]	Maximum	80	84	83	87	78	76	84	86	76	86	86	88	90	92	82	74	77	80	86	63	78	67	59	60	68	60	59	62	68	52	...	75.7
	Minimum	60	68	65	62	65	67	68	71	69	68	70	70	71	71	68	65	50	52	60	62	56	45	88	40	48	39	35	34	37	39	...	56.8
Blairsville[1-6 NE	Maximum	81	74	78	81	71	82	79	79	81	83	85	84	81	78	83	65	73	78	79	78	83	56	59	63	62	58	54	62	58	47	...	72.3
	Minimum	60	62	61	65	64	61	62	63	65	66	64	65	61	61	54	50	49	56	60	56	56	35	31	43	41	37	34	33	43	41	...	53.0
Bradford-4 W	Maximum	79	76	78	81	78	81	83	82	80	78	83	82	83	79	81	66	73	80	80	78	79	78	56	68	66	57	55	60	55	53	...	73.6
	Minimum	47	61	53	54	59	58	57	59	59	62	62	61	65	60	48	43	37	42	49	56	54	43	29	31	40	32	24	21	40	31	...	47 9
Brookville	Maximum	82	77	82	83	75	83	83	84	82	82	86	85	86	80	84	68	75	80	85	70	83	57	58	69	64	55	58	62	54	48	...	74 0
	Minimum	49	58	55	59	62	58	58	58	61	61	66	68	62	57	53	47	42	45	49	58	57	34	28	33	39	31	26	27	46	27	...	49.1
Burnt Cabins[1-2 NE	Maximum	82	85	88	91	78	78	75	86	85	84	85	88	90	89	90	73	77	80	90	64	76	68	62	62	66	60	60	64	68	56	...	76.7
	Minimum	56	61	55	58	64	61	64	67	70	69	69	64	62	62	61	46	41	43	50	54	54	40	28	35	40	29	23	23	37	33	...	50.6
Butler	Maximum	87	87	84	87	89	81	86	89	87	88	88	92	84	88	88	90	74	81	87	89	87	88	57	69	75	67	58	68	56	57	...	80.1
	Minimum	50	67	57	66	67	64	59	60	64	65	61	70	66	52	54	47	42	44	53	60	56	51	33	35	50	36	28	33	33	40	...	52.0
Canton/-1 NW	Maximum	76	79	79	82	74	79	83	84	79	79	80	82	83	84	81	69	73	75	83	55	70	62	55	61	58	51	57	57	64	46	...	71.3
	Minimum	48	51	55	58	58	59	58	61	63	65	66	65	63	63	57	47	42	46	54	54	54	53	27	30	43	30	27	24	34	34	...	49.6
Carlisle	Maximum	82	87	87	88	80	80	80	86	85	84	90	90	92	89	90	80	76	80	90	78	78	74	59	60	70	62	61	62	70	64	...	78.5
	Minimum	62	69	60	64	65	67	68	68	68	68	68	68	65	66	67	66	57	47	58	51	51	57	35	38	50	35	30	28	33	47	...	54.9
Chambersburg[6-1 SW	Maximum	83	84	87	92	74	76	80	85	84	84	86	88	88	89	91	76	79	82	88	70	75	71	61	62	73	64	64	64	70	61	...	77.7
	Minimum	63	69	57	62	67	63	67	69	68	67	66	63	64	65	65	55	45	48	54	53	53	47	32	38	50	35	29	29	34	45	...	54.1
Clarion[6-3 SW	Maximum	84	77	83	86	77	85	83	85	83	85	86	85	86	86	86	71	76	82	86	78	84	77	60	71	65	58	60	65	54	54	...	76 6
	Minimum	51	62	54	58	62	57	58	59	60	63	62	62	62	60	53	49	43	46	51	59	57	42	29	45	46	34	28	27	42	34	...	50.5
Claysville	Maximum	84	80	85	88	79	81	84	85	87	86	87	84	83	82	86	73	81	85	85	87	86	79	65	70	63	59	59	67	60	56	...	77.9
	Minimum	54	66	57	67	65	59	61	61	65	65	63	69	65	68	59	46	45	50	56	56	63	47	30	38	49	38	27	31	41	36	...	52.9
Coalport/	Maximum	81	79	83	86	78	82	82	84	43	85	86	88	85	84	87	72	75	80	85	65	83	58	62	72	71	63	64	66	65	56	...	$76.3
	Minimum	51	53	55	56	63	58	57	60	59	60	65	63	59	60	54	50	42	41	42	48	55	54	30	30	35	31	24	21	26	34	.	47 9
Coatesville/	Maximum	81	85	85	86	79	75	86	86	77	88	89	87	89	87	84	74	79	83	86	61	80	68	57	61	69	60	60	62	69	56	...	76 3
	Minimum	58	63	58	61	66	66	67	68	68	68	67	68	69	64	63	46	47	50	55	54	60	34	37	40	35	30	30	31	37	54	...	54.2
Columbia	Maximum	82	88	88	90	80	78	84	88	84	90	89	91	93	92	90	78	80	84	90	80	80	74	64	63	72	66	65	67	72	65	...	80.2
	Minimum	61	69	60	66	67	67	70	69	70	60	70	67	70	64	68	62	50	50	59	53	51	51	54	60	35	40	53	35	33	30	35	49	...	56 5
Corry	Maximum	82	77	82	83	80	88	86	90	86	87	86	84	84	82	84	68	79	84	83	78	82	80	58	69	64	54	59	68	56	54	...	76.5
	Minimum	45	62	60	59	63	60	57	60	62	67	68	70	66	60	54	47	40	52	53	62	58	43	29	36	46	39	30	30	46	39	...	52.1
Coudersport	Maximum	77	79	81	83	78	84	80	86	81	80	83	84	79	81	85	70	74	79	83	76	80	72	57	67	67	58	56	55	61	55	...	74.4
	Minimum	50	46	51	52	58	61	58	57	60	60	65	64	56	52	50	46	38	40	47	50	52	44	28	30	43	29	21	20	26	32	...	46.2
Curwensville[1-6 NW	Maximum	75	74	79	77	73	78	78	78	77	78	79	81	80	77	81	66	69	74	79	63	77	59	55	62	62	53	54	57	56	47	...	69.9
	Minimum	54	56	56	61	61	58	62	62	64	64	64	63	60	59	51	53	47	47	50	55	51	53	32	26	37	37	34	27	26	41	...	49.5
Derry	Maximum	87	80	85	86	82	88	82	83	87	89	87	87	88	85	88	73	79	86	86	80	88	79	65	65	66	57	59	65	62	58	...	78.4
	Minimum	58	69	61	68	67	60	64	62	65	70	70	70	63	63	60	54	47	54	55	58	62	51	31	39	46	33	28	38	51	40	...	55.2
Donegal[1]	Maximum	82	76	81	83	68	82	82	78	81	82	85	89	84	79	89	65	73	78	80	76	83	70	61	62	60	53	56	60	64	50	...	73.7
	Minimum	53	56	53	60	61	54	58	59	63	65	60	59	59	58	53	44	40	53	51	51	56	36	24	33	43	26	22	31	34	27	...	48.1
Donora[1]	Maximum	87	83	87	90	83	87	86	85	85	86	90	88	86	84	89	75	81	85	89	85	88	71	64	68	67	59	62	66	62	53	...	79.0
	Minimum	61	70	63	69	69	67	66	67	69	71	70	72	69	67	68	53	51	51	60	63	65	57	36	43	53	40	34	36	48	38	...	58.0
Eagles Mere/	Maximum	70	73	77	78	70	76	74	80	74	75	75	77	76	76	75	63	66	69	75	54	67	58	49	53	56	47	49	51	56	44	...	66.1
	Minimum	53	65	57	59	60	62	62	63	63	64	64	65	64	66	63	49	49	50	53	50	46	53	29	29	40	31	31	29	29	33	...	51 0
East Waterford[6-3 E	Maximum	73	77	79	81	74	75	71	79	74	74	76	81	80	82	84	67	69	71	81	71	65	65	55	58	63	55	55	55	61	54	...	70.0
	Minimum	59	65	63	65	64	63	64	65	65	64	66	65	66	65	62	51	54	55	60	48	49	43	32	41	47	36	37	38	41	38	...	54.3
Ebensburg/	Maximum	80	74	78	80	71	82	78	82	81	82	82	84	81	78	83	62	74	77	79	79	72	53	59	58	63	52	57	59	59	49	...	71.6
	Minimum	57	60	58	62	63	57	59	61	63	63	63	62	60	60	59	48	43	49	54	59	53	52	28	38	40	31	27	27	38	33	...	50.9
Emporium/-1 E.	Maximum	82	70	82	85	85	85	84	87	83	85	85	87	89	83	87	71	77	82	86	64	78	61	62	70	65	60	59	65	58	61	...	75.9
	Minimum	49	59	53	55	57	59	59	60	65	61	65	61	62	62	54	47	41	41	14	50	43	51	28	30	34	31	26	21	35	32	...	47.8
Ephrata	Maximum	80	86	89	87	82	76	82	87	82	87	87	90	91	90	84	74	79	83	87	83	77	75	61	62	69	67	62	68	67	60	...	78.3
	Minimum	65	68	61	64	67	67	67	69	63	67	74	68	70	69	67	61	47	50	63	52	55	58	35	40	53	37	32	33	34	49	...	56.8
Erie[1]	Maximum	75	75	78	81	82	80	83	80	88	88	90	80	83	82	78	68	80	85	80	71	85	58	60	67	61	55	56	66	59	48	...	74.1
	Minimum	57	65	66	70	68	67	67	70	72	71	74	74	72	66	60	57	55	62	63	60	57	46	42	48	49	44	44	41	48	43	...	59.3
Everett[1-0.5 sW	Maximum	83	83	87	90	72	82	77	84	84	83	86	90	90	92	90	76	78	80	89	65	81	72	62	59	69	68	61	62	70	58	...	77.4
	Minimum	60	60	57	61	60	63	65	65	65	68	64	64	63	62	60	46	42	44	43	55	55	41	31	36	40	32	25	25	33	35	...	50.7
Farrell	Maximum	86	85	87	93	81	87	88	89	89	91	91	91	83	87	88	75	84	86	90	89	87	87	65	73	70	60	61	67	67	60	...	81.2
	Minimum	56	70	65	70	70	72	67	67	70	71	73	73	73	67	61	52	51	55	61	68	62	47	37	43	47	40	36	37	51	37	...	58.3
Ford City/-4 S	Maximum	83	78	84	86	77	87	82	83	83	86	87	86	86	83	87	72	78	83	85	83	86	59	63	72	65	57	60	65	59	52	...	76.6
	Minimum	52	53	58	57	65	59	55	61	60	61	63	63	62	62	54	47	41	45	46	50	54	54	32	32	37	34	31	32	37	38	...	49.9
Franklin/	Maximum	85	79	84	86	75	84	86	85	84	84	86	84	82	83	85	72	76	82	86	82	83	55	59	72	65	57	60	63	58	51	...	75.8
	Minimum	53	54	59	60	63	63	61	62	63	65	66	69	67	65	55	49	46	46	49	55	60	53	33	33	39	40	31	29	32	38	...	51.9
Fredericksville-1 S.	Maximum	78	83	81	84	75	77	84	84	76	84	84	85	87	87	80	72	75	79	84	76	76	75	58	58	66	57	58	62	68	59	...	75.1
	Minimum	58	65	60	59	64	63	63	68	67	66	64	65	64	66	68	53	50	58	57	55	55	55	30	32	30	33	34	34	41	42	...	54.0
Freeland	Maximum	74	76	79	77	76	77	78	83	78	78	80	82	82	83	80	75	72	74	80	73	73	64	63	59	64	57	54	61	58	61	...	72.4
	Minimum	54	62	58	58	62	61	62	64	65	64	65	65	65	65	65	51	47	48	51	44	47	46	28	39	46	30	30	36	32	36	...	51.5
George School[6]	Maximum	81	86	85	85	77	76	86	87	76	85	88	87	89	88	88	75	77	82	85	77	80	75	59	60	64	62	61	62	70	59	...	77.1
	Minimum	59	67	59	61	66	67	68	70	67	66	70	71	70	68	60	48	49	54	52	57	53	35	40	47	36	32	36	33	42	55	...	55 8
Gettysburg	Maximum	83	89	86	89	86	75	78	82	82	84	88	87	89	89	90	82	77	80	88	84	75	75	61	60	69	67	60	63	67	66	...	78.4
	Minimum	62	65	69	65	69	67	69	70	71	69	70	67	68	68	66	60	48	50	56	54	54	60	36	36	52	40	34	31	44	50	...	57.3
Gordon	Maximum	76	82	82	85	77	78	80	86	80	83	86	88	89	88	85	75	75	80	87	53	71	69	63	58	67	58	58	62	67	59	...	74.9
	Minimum	57	62	57	57	64	61	63	64	68	64	64	64	64	63	60	57	41	43	48	50	50	53	30	35	55	29	25	24	30	43	...	51.5
Greensburg-2 S	Maximum	84	83	88	86	82	85	83	82	85	87	88	86	85	82	86	72	78	84	85	83	86	81	65	67	66	63	59	62	60	57	...	77.8
	Minimum	56	68	53	59	66	60	61	59	60	64	61	62	60	60	56	52	41	46	50	56	58	53	31	36	46	31	26	26	35	43	...	51.2
Hanover/	Maximum	82	85	86	90	75	77	79	84	86	88	87	88	90	90	90	74	80	83	89	69	76	68	59	62	69	60	61	65	70	57	...	77.2
	Minimum	66	67	63	66	70	67	67	67	70	70	70	68	70	69	70	60	51	53	54	59	60	53	37	39	44	40	32	33	37	47	...	57.3
Harrisburg Arpt. 1-3.5 S.	Maximum	79	84	85	87	78	77	80	85	81	84	87	87	90	90	89	73	76	78	86	72	79	76	63	61	66	58	59	60	68	60	...	76.6
	Minimum	64	70	64	65	68	67	70	70	70	70	72	68	68	69	66	54	51	51	58	52	56	48	38	42	50	40	34	32	37	42	...	56.9
Hawley-0.5 E	Maximum	79	84	80	85	78	82	81	84	80	80	82	87	89	84	83	71	75	79	83	69	69	73	56	60	61	58	58	59	66	57	...	74.4
	Minimum	48	61	54	52	58	62	61	66	62	65	65	62	62	64	59	51	42	45	49	48	54	42	30	34	45	30	26	22	27	38	...	$49.4
Hewitt-2 SW	Maximum	87	85	85	90	89	83	81	80	83	84	81	84	90	90	90	89	70	85	87	66	78	62	65	66	70	68	62	65	70	71	...	$78.5
	Minimum	66	65	60	64	63	65	63	66	67	67	65	64	68	65	65	53	58	59	60	54	58	32	28	35	35	38	32	35	35	38	...	$54.1
Holtwood[1]	Maximum	81	86	84	86	79	77	81	84	82	85	86	88	90	87	84	73	82	84	87	72	79	77	61	64	68	59	61	66	70	59	...	77.4
	Minimum	64	70	64	68	70	70	72	72	73	73	74	72	73	72	70	58	55	56	64	55	61	54	45	46	52	46	39	39	43	43	...	60.4

Continued on page 71.

Daily Temperatures for September 1947—Continued from page 70.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Huntingdon	Maximum	81	82	85	88	78	80	80	85	85	85	88	90	90	87	90	80	78	80	87	75	79	74	62	61	70	60	61	64	70	58	....	77.8
	Minimum	58	67	55	60	65	63	65	67	68	66	64	67	64	62	60	46	47	51	57	56	43	32	36	47	31	29	28	36	41	....	....	53.2
Indiana 2.5 SE	Maximum	85	84	82	85	81	86	87	83	84	87	87	86	84	81	87	71	77	82	83	80	86	82	62	67	66	63	60	68	62	60	....	77.9
	Minimum	53	67	53	58	64	57	58	60	59	62	63	62	60	60	55	49	44	47	50	56	58	49	30	36	43	31	26	29	34	35	....	50.3
Irwin	Maximum	86	82	85	88	86	89	85	85	87	88	88	86	84	85	85	73	81	86	87	86	85	80	65	66	66	66	57	65	62	58	....	79.1
	Minimum	56	67	60	65	66	62	64	61	64	64	65	67	63	62	59	50	45	45	54	58	56	53	30	38	47	34	27	31	41	39	....	53.1
Jamestown/-2 NW	Maximum	82	81	85	87	79	83	85	88	86	87	89	86	81	84	83	72	80	83	88	84	85	58	63	70	65	57	60	65	60	51	....	76.9
	Minimum	46	52	57	60	62	63	53	59	61	65	65	67	65	57	56	43	45	47	53	58	57	50	31	32	39	39	30	33	35	38	....	50.6
Johnstown/	Maximum	88	82	86	90	76	84	84	86	87	87	88	87	87	86	90	74	77	83	86	72	84	62	67	66	68	60	61	64	67	53	....	77.7
	Minimum	64	68	60	64	68	62	65	65	64	68	65	64	65	64	61	56	47	48	52	60	60	58	35	40	42	38	31	31	40	41	....	54.9
Kane[1]-1 N	Maximum	81	73	79	82	75	81	83	84	79	79	82	81	83	79	81	67	73	78	82	82	80	70	56	68	61	52	51	60	54	47	....	72.1
	Minimum	43	52	50	53	59	54	53	54	55	62	60	60	63	54	48	41	35	40	46	54	54	32	26	29	32	26	22	21	42	27	....	44.9
Lancaster	Maximum	80	85	83	84	80	76	82	85	81	86	85	86	88	86	82	77	76	79	85	80	77	75	63	61	70	63	61	61	67	61	..	76.8
	Minimum	60	68	60	61	67	67	69	68	69	66	68	67	69	67	65	60	48	48	56	52	54	59	35	40	51	36	30	29	33	48		55.6
Lawrenceville	Maximum	80	80	83	86	79	85	86	89	85	81	87	88	90	87	88	74	78	83	87	60	70	69	61	70	59	55	55	63	64	57	....	76.0
	Minimum	52	63	57	57	60	62	62	63	65	65	64	63	65	64	57	50	45	45	51	53	53	45	30	35	47	30	25	25	39	38	....	51.0
Lebanon	Maximum	81	85	85	87	77	78	85	87	83	87	87	89	90	90	87	74	78	82	88	58	77	69	60	62	68	59	61	63	70	55	....	76.7
	Minimum	60	62	59	61	64	54	66	68	69	68	69	66	68	67	67	59	49	49	50	54	50	56	34	35	41	37	30	31	35	46		54.5
Lewistown/-2 SW	Maximum	83	86	88	90	78	83	81	88	85	85	90	91	91	90	93	77	79	82	89	64	76	67	64	62	69	60	62	65	71	59	....	78.3
	Minimum	60	60	60	60	64	66	65	66	70	72	70	67	66	67	65	58	49	48	51	54	55	56	34	34	40	34	31	29	33	41	....	54.2
Lock Haven[6]	Maximum	85	85	86	89	80	87	83	90	88	87	90	91	90	88	90	80	80	85	87	78	75	74	64	64	68	60	62	66	68	59	....	79.3
	Minimum	56	68	58	61	66	65	65	67	65	70	68	65	68	67	60	53	49	50	53	54	54	53	33	39	47	33	29	28	38	42	....	54.1
Marcus Hook/	Maximum	83	94	93	92	81	78	88	87	81	89	91	90	92	91	90	81	81	89	94	66	83	76	64	63	71	68	66	68	73	65	....	80 9
	Minimum	67	67	68	70	72	70	71	78	72	72	72	72	74	74	72	68	57	61	68	58	55	65	42	47	50	45	46	41	47	57	....	62.3
Martinsburg[1, 8]	Maximum	79	78	80	84	72	78	77	82	81	81	85	87	85	82	85	68	74	77	82	65	77	74	59	57	67	57	58	60	66	55	....	73.7
	Minimum	56	64	62	64	65	60	64	63	68	67	67	64	62	64	59	49	45	50	54	53	55	38	30	37	44	34	26	29	40	33	....	52.2
Meadville/-1 S	Maximum	83	78	84	87	79	84	86	88	88	85	87	84	80	82	79	72	78	82	85	85	84	54	59	71	62	49	60	64	57	47	....	75.4
	Minimum	48	51	56	59	62	62	58	58	62	62	67	69	65	59	52	47	43	47	52	56	59	52	33	36	38	37	31	31	42	37	....	51.0
Mercer[1]-2.5 NE	Maximum	81	76	82	84	74	81	83	83	83	84	81	78	80	83	68	75	80	83	82	82	82	56	57	70	60	54	58	62	56	47	....	73.5
	Minimum	51	62	59	62	64	64	60	60	65	65	66	68	64	59	53	44	47	51	54	58	54	36	30	37	37	31	28	34	46	30	....	51.3
Middletown[1]-1.5 W	Maximum	80	84	86	87	78	78	82	86	83	86	87	88	89	88	89	73	78	81	87	70	78	76	60	61	68	59	61	62	70	59	....	77.1
	Minimum	64	67	62	65	68	68	68	69	70	70	72	70	70	68	68	54	50	51	60	53	56	46	36	42	47	37	34	32	35	38	....	56.3
Midland[6]	Maximum	83	78	85	86	78	81	83	85	87	85	87	82	81	82	86	72	79	82	84	85	85	59	60	70	63	57	60	60	58	53	....	75.9
	Minimum	55	65	60	61	68	64	65	65	67	67	66	69	65	63	52	48	50	58	58	62	52	42	37	43	40	40	32	38	46	36	....	54.3
Montrose/-3 E	Maximum	76	80	78	81	75	81	77	87	80	80	81	81	84	84	80	67	75	76	81	54	71	62	54	60	59	50	51	58	60	42	....	70.8
	Minimum	48	51	57	58	59	59	62	60	62	62	62	65	63	64	63	52	45	47	53	47	47	53	29	29	39	28	30	27	34	36	....	49.7
Mt. Pocono[1]-2 N	Maximum	74	78	76	78	73	76	79	81	76	78	78	80	81	82	77	66	70	73	79	51	67	68	54	53	60	51	52	56	60	53	....	69.3
	Minimum	51	61	54	53	60	60	60	62	63	63	64	65	64	61	61	42	41	45	51	44	50	35	29	35	36	30	25	27	34	30	....	48.5
New Bloomfield	Maximum	80	84	85	88	81	78	79	85	85	82	84	89	90	88	89	82	77	80	87	76	75	74	72	59	68	61	64	61	70	61	..	77.8
	Minimum	57	56	56	60	64	63	65	63	66	68	67	68	68	64	62	55	43	44	50	54	60	54	30	35	47	31	28	24	31	43	..	52.2
New Castle[6]-1.5 N	Maximum	85	80	85	87	78	85	87	86	86	86	89	86	82	85	86	73	80	85	87	86	86	59	63	72	64	58	62	65	58	51	....	77.4
	Minimum	49	62	58	63	66	66	59	60	63	64	66	70	65	60	56	45	44	48	54	59	57	39	35	36	40	34	30	32	47	31	....	51 9
Palmerton[1]	Maximum	75	83	81	84	76	77	81	84	78	82	83	85	86	85	77	72	73	77	84	58	73	67	58	58	66	57	58	59	66	57	....	73.3
	Minimum	55	62	58	58	65	65	65	65	70	69	68	70	69	68	67	64	50	45	47	54	52	56	40	34	38	43	34	28	33	37	....	53.0
Park Place[1]-1 NW	Maximum	73	78	77	80	74	76	77	80	76	77	80	82	82	83	76	69	70	73	81	62	68	69	54	53	61	52	52	54	61	52	....	70.1
	Minimum	54	60	59	61	62	62	63	64	63	63	66	65	65	64	61	51	50	52	58	45	49	36	30	39	36	31	31	32	37	30	....	51.3
Phila. Arpt.[1-7 SW	Maximum	81	87	87	87	79	75	85	85	78	85	88	88	90	89	90	75	78	83	87	66	81	76	59	61	66	62	61	64	71	59	....	77.4
	Minimum	65	70	65	65	70	69	71	72	70	70	70	73	72	70	58	54	55	60	55	60	47	40	46	51	42	36	41	42	40	..	....	59.1
Philadelphia C.O.[1]	Maximum	80	87	86	85	78	76	83	86	76	84	87	87	89	88	88	75	78	82	86	64	81	76	59	60	66	62	62	62	70	60	..	76.8
	Minimum	66	72	68	71	71	72	71	74	70	70	72	74	73	73	71	64	61	62	64	55	61	50	43	50	52	44	40	43	48	43	....	61.6
Phila. Shawmount	Maximum	87	86	86	86	85	77	84	85	83	83	88	88	90	89	90	76	79	82	87	86	80	78	67	62	68	67	63	63	70	68	....	79.4
	Minimum	60	70	60	63	69	68	70	70	71	71	70	73	72	74	70	63	51	52	58	54	60	60	38	42	50	40	33	54	38	52	....	59 2
Philipsburg[1-7 E	Maximum	74	75	78	78	73	77	75	79	78	77	79	81	81	79	82	66	69	73	80	63	72	68	55	56	64	51	55	57	60	51	....	70.2
	Minimum	50	50	51	55	60	58	59	55	65	65	67	62	57	54	52	40	35	47	49	50	51	33	25	35	36	24	19	27	43	28	....	46.7
Phoenixville-1.5 SE	Maximum	89	90	92	91	92	82	90	90	89	*88*	89	94	92	92	91	77	84	86	92	95	85	85	79	71	71	68	65	62	71	64	....	§83.5
	Minimum	56	67	58	60	68	67	69	68	68	*66*	66	71	70	71	66	64	46	47	55	54	59	61	34	38	50	34	29	28	31	50	....	§55.7
Pittsburgh Arpt.[1-7.5 SE	Maximum	85	79	85	87	76	84	83	82	84	86	89	86	85	84	87	72	78	85	86	85	86	58	64	67	66	56	57	66	58	52	....	76.6
	Minimum	60	67	62	66	66	64	65	65	68	69	66	68	66	64	57	52	52	56	62	61	57	41	38	16	46	39	38	38	46	36	....	56.0
Pittsburgh City Office[1]	Maximum	87	81	88	90	77	84	86	84	86	87	88	87	86	85	88	74	79	85	87	85	86	60	62	70	67	59	59	66	60	54	....	77.9
	Minimum	61	70	66	71	68	67	67	68	71	73	72	71	68	68	59	56	58	56	62	64	58	44	40	45	49	43	38	39	51	43	..	58.7
Port Clinton/	Maximum	78	83	82	85	78	78	84	85	82	84	83	87	86	87	82	71	74	78	72	67	75	67	59	59	59	57	59	60	66	53	....	74.0
	Minimum	54	62	56	58	60	64	64	64	68	68	69	68	67	66	62	59	44	45	47	53	50	57	32	32	37	33	28	27	28	37	....	52.0
Putneyville/-2.5 SE	Maximum	84	78	83	86	76	84	81	81	82	84	86	85	86	80	85	70	76	81	84	78	84	61	56	70	65	57	56	63	57	50	....	75 0
	Minimum	47	49	53	54	60	56	57	55	56	61	61	62	58	59	52	45	41	44	44	51	54	51	27	26	40	29	24	25	39	31	....	47.0
Quakertown-0.5 E	Maximum	81	84	83	84	85	77	84	84	80	84	85	86	88	87	86	76	77	78	83	81	77	75	56	60	65	63	59	58	68	61	....	76.5
	Minimum	57	65	56	55	57	62	63	68	65	65	64	67	68	68	62	57	43	52	52	49	54	52	32	34	48	34	26	24	29	44	....	52.4
Reading[1]	Maximum	79	86	85	87	76	76	84	86	78	86	87	89	90	89	82	75	77	81	87	69	79	76	59	60	70	62	62	61	69	59	....	76.9
	Minimum	64	71	64	64	68	68	69	73	69	69	70	71	74	71	68	58	52	53	62	54	57	46	39	42	49	40	35	34	36	41	....	57.7
Ridgway/	Maximum	74	72	79	79	74	*81*	*81*	*83*	84	85	88	88	87	89	83	72	77	77	85	63	85	58	60	71	67	57	59	65	67	51	....	§74.7
	Minimum	47	52	49	54	57	56	56	57	56	57	62	62	62	65	47	44	40	43	44	49	55	50	31	32	35	32	27	23	36	30	....	47.0
Scranton[1]	Maximum	81	82	81	85	76	85	83	88	85	84	85	87	89	89	84	70	77	81	85	60	73	74	56	63	63	53	55	63	66	58	....	75.4
	Minimum	52	65	60	57	63	65	65	66	67	69	71	69	68	68	63	52	47	50	57	51	57	41	36	39	42	34	30	30	38	37	....	53.6
Selinsgrove	Maximum	80	83	85	86	81	83	86	88	86	85	88	88	90	91	89	75	77	80	87	82	76	75	58	60	67	60	61	63	67	64	....	78.0
	Minimum	56	56	60	56	65	63	62	66	63	67	69	66	64	62	64	54	46	47	50	62	52	54	31	37	47	31	25	32	37	41	....	52.8
Shippensburg	Maximum	84	84	86	90	80	77	82	86	88	87	89	90	91	91	92	76	81	85	89	78	75	74	63	62	72	62	65	67	70	64	....	79.3
	Minimum	64	70	62	68	68	64	68	69	69	68	66	64	65	66	65	53	47	49	55	52	52	57	33	38	49	35	30	29	34	45	....	55.1
Somerset	Maximum	83	81	80	83	77	81	80	77	80	82	84	85	82	81	83	70	73	78	81	75	80	75	63	60	63	59	56	60	65	58	....	74.5
	Minimum	56	64	56	59	61	53	58	57	60	66	62	59	57	57	55	48	39	40	47	50	49	47	27	34	44	29	22	22	28	35	....	48.0
Springs[6]-1 SW	Maximum	81	73	77	81	67	76	76	75	78	79	81	82	79	77	81	66	69	74	79	64	79	69	59	54	62	54	55	59	64	53	....	70.8
	Minimum	56	59	51	55	61	56	57	59	64	63	55	56	56	57	55	45	39	45	49	52	53	36	26	35	42	31	25	28	32	30	....	47.6
State College[1]	Maximum	80	79	83	83	76	81	77	84	81	82	85	88	86	83	86	71	73	77	83	64	73	71	58	60	65	55	57	59	65	58	....	73.9
	Minimum	55	62	60	64	65	61	65	64	58	69	72	67	64	64	60	52	46	48	57	54	54	40	30	42	44	33	29	28	30	35	..	52.7
Stroudsburg-2 E.	Maximum	....	85	85	87	....	84	86	90	....	85	86	88	90	91		76	74	80	86	....	69	75	....	64	68	....	62	62	69	....	....	§§
	Minimum	51	65	55	56	63	64	64	67	63	72	67	68	64	66	63	60	64	68	52	46	56	59	32	36	48	31	26	25	30	48	....	54.3
Tamarack/-2 S.	Maximum	75	74	77	79	74	77	75	79	76	75	78	80	81	77	79	70	68	78	80	54	70	54	55	61	60	49	53	55	56	46	....	68.8
	Minimum	52	52	58	59	58	60	60	62	63	63	63	64	62	62	58	47	47	48	51	53	48	52	28	29	39	29	30	28	33	31	....	49.6
Tionesta/-1.5 SE	Maximum	83	75	80	85	74	83	85	84	82	87	85	83	78	83	85	70	75	83	86	78	83	55	57	73	70	55	58	63	56	48	....	74.7
	Minimum	52	54	57	58	60	60	60	61	61	64	65	63	66	65	54	50	44	45	47	48	58	52	30	35	36	37	30	29	41	37	....	50.6
Titusville-2 S.	Maximum	82	74	82	82	77	81	85	84	80	80	82	82	79	80	83	70	78	79	85	80	79	78	57	69	61	52	57	60	57	54	....	74 1
	Minimum	45	61	57	59	63	61	55	59	65	66	65	67	65	60	56	44	42	51	51	62	57	41	27	34	47	33	26	31	45	36	....	51.0
Towanda-1 E.	Maximum	83	82	83	86	80	86	85	87	86	86	87	87	89	89	87	74	76	82	87	65	72	75	61	67	63	55	57	65	64	58	....	76.8
	Minimum	53	64	58	55	60	63	62	65	64	65	67	68	63	67	56	52	44	46	50	51	53	45	30	34	43	32	27	25	33	37	....	51.1
Tunkhannock/	Maximum	80	83	82	86	79	85	79	89	84	84	86	87	89	88	86	71	79	80	86	62	76	64	59	63	64	54	56	62	63	*52*	....	§75.3
	Minimum	50	55	56	55	59	64	61	64	62	65	68	68	63	67	60	55	44	46	48	50	51	56	31	37	45	29	26	24	30	40	....	51.0
Uniontown	Maximum	86	84	88	90	84	88	85	84	88	91	91	88	86	85	88	73	82	89	87	86	87	82	65	65	63	60	62	72	67	59	....	80.2
	Minimum	62	70	60	68	67	61	68	65	69	72	69	69	65	64	62	53	50	61	58	59	59	54	34	42	48	37	32	42	41	43	....	56.8

Continued on page 72.

Daily Temperatures for September 1947—Continued from page 71.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	85	79	86	88	79	86	88	90	85	86	89	87	86	83	87	73	79	86	89	85	86	56	61	75	66	56	64	66	56	51	....	77.8
	Minimum	51	62	56	59	63	59	61	63	62	69	67	67	64	63	53	49	43	49	53	56	55	42	32	35	43	34	31	28	46	35	....	51.4
Waynesburg	Maximum	85	83	85	88	76	83	85	85	87	89	88	87	84	83	87	75	81	86	86	87	87	83	65	67	65	60	60	69	62	56	....	78.8
	Minimum	57	57	52	59	64	62	62	60	59	58	59	62	62	58	58	45	41	42	50	53	55	51	29	35	45	31	24	27	38	40	....	49.8
Wellsboro/	Maximum	82	80	81	85	77	86	87	87	85	82	87	88	89	86	87	71	77	81	85	60	71	61	61	68	60	53	58	64	65	46	...	75.0
	Minimum	51	51	55	54	55	60	59	62	62	62	64	65	63	61	55	47	42	43	43	48	51	54	27	27	34	26	23	22	25	37	....	47.6
Wellsville	Maximum	81	84	85	88	84	77	79	84	82	86	88	87	90	88	89	81	76	81	88	84	78	74	60	61	69	77	61	67	69	72	...	79.0
	Minimum	61	68	56	60	67	66	68	68	68	68	66	62	63	64	63	58	43	45	53	51	53	59	32	38	51	39	25	25	30	46	....	53.9
West Chester	Maximum	85	87	86	86	78	75	85	85	78	85	89	88	91	88	85	73	79	83	86	80	80	74	60	60	68	62	62	63	71	60	....	77.7
	Minimum	65	67	61	63	67	67	69	69	70	69	70	71	71	71	69	62	51	53	59	52	57	57	35	41	57	39	33	36	38	46	....	57.8
Wilkes-Barre Arpt. 1-3N.	Maximum	79	81	80	84	75	84	83	89	84	84	83	86	88	88	84	70	78	80	83	58	72	74	57	61	64	53	56	62	65	56	....	74.7
	Minimum	52	65	61	58	63	63	64	66	66	67	70	62	68	68	64	52	46	50	56	51	57	40	35	40	40	33	29	28	42	35	...	53.0
Williamsport Arpt. 1-4 E	Maximum	80	82	83	85	78	85	82	87	83	84	87	86	87	86	86	74	77	80	86	63	74	75	59	60	64	55	58	60	67	57	....	75.7
	Minimum	55	61	58	60	66	65	65	67	69	69	71	67	67	64	62	52	49	49	54	53	54	40	33	38	40	32	30	28	40	35	...	53.1
Williamstown	Maximum	82	83	83	84	83	78	82	85	83	84	86	87	90	89	87	81	76	80	85	80	76	75	61	60	68	66	60	62	69	63	...	$77.6
	Minimum	55	69	57	58	53	64	64	65	69	68	71	64	65	64	63	58	43	44	51	50	52	58	33	36	46	31	27	25	32	44	...	$52.6
York-3 SW	Maximum	87	85	86	90	88	77	82	88	86	89	89	90	92	92	90	84	81	84	90	85	81	76	63	63	71	68	64	66	72	66	....	80.8
	Minimum	67	70	58	62	68	67	70	68	68	67	68	66	70	68	68	61	46	47	56	54	54	61	34	39	52	34	26	26	32	49	....	55.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.64	27	29.49	21	7.9	21	s.	21	84	62	79	70	118
Harrisburg	30.66	28	29.66	22	7.1	26	w.	15	84	56	69	66	125
Philadelphia	30.64	28	29.71	22	7.8	24	nw.	30	89	64	77	58	95
Philipsburg	30.63	18	29.67	22	.....	34[a]	s.	21	92	62	87	.....	240
Pittsburgh	30.63	27	29.62	21	8.9	31	nw.	15	85	50	64	58	131
Reading	30.66	28	29.68	22	9.5	34	w.	4	80	.....	.....	66	119
Scranton	30.70	28	29.63	22	6.0	31	nw.	22	83	56†	.....	55	162

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. $ Also other dates. [a] One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	2.3	3.4	4	1.6	29	18
Easton	Delaware	1.5	2.6	5	0.3	30	22
Lehighton	Lehigh	2.9	3.2	2	2.7	29	9
Reading	Schuylkill	3.8	4.8	3	3.4	12†	13
Wilkes-Barre	N. Br. Susquehanna	2.8	6.1	[a]	1.8	30	22
Williamsport	W. Br. Susquehanna	1.4	3.5	4	0.5	30	20
Newport	Juniata	3.8	7.4	1	3.2	29	22
Harrisburg	Susquehanna	3.6	4.4	1	3.2	30	17
Schenley, (nr) Lock No. 5.	Allegheny	12.2	12.8	6	11.8	30	24
Sutersville	Youghiogheny	3.1	3.7	15	2.7	29	20
Charleroi (nr.), Lock No. 4	Monongahela	11.6	12.5	18	11.2	2	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	*	*	.....	*	.....	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras		1				2					1	3	2			2	1	1				2		1							
Fog, heavy	8	4	4	5	5	11	16	16	8	4	2	4	8	7	13	5	9	5	9	12	7	3			3	6	5				
Frost, killing																							38			1	14	4			
Glaze																															
Hail				1										1								1									
Rain, heavy	1	1		1								1		3																	
Sleet																						1									
Snow, heavy																															
Thunderstorms	8	3	2	4	2	5	2	1			4	4	1	9	1	3	3	7	4			2							1		
Winds, high	4	11		7	4								4		17	3	3			21	26							12			

(W. B. O., Philadelphia—12-19-47—1100)

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).

[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.

Italics, data interpolated.

§ Partly interpolated.

§§ Incomplete.

† And other dates.

†† Daily amounts inconsistent.

‡ Received too late to be included in means and summaries.

* Included in next measurement.

// Windshield on gage.

/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

51.05
NP

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER
HARRISBURG, PA.

VOL. LII. OCTOBER 1947. No. 10.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

The month was warm, dry, sunny and pleasant. It shared honors, in fact, with that of 1900 as the warmest October of record It was also the sixth driest, and, with an average of only 0.18 inch for the first 27 days, gave promise of being the driest. The dry spell, which had begun on the 23d of September, assumed the proportions of a near drought, in which conditions were said to have been worse than in October 1924, when 0.28 inch was averaged over the State. Aside from pastures shriveling and streams drying up, a cause for alarm had been the fire hazard in the forests. Many small blazes threatened, but were quickly brought under control. The Governor closed the State forests on the 26th. However, the passage of a cold front on the 28th brought more than an inch of rain in the following days. The hunting season opened as planned, much to the relief of hunters.

The drought was more severely felt in some places than in others. At Harrisburg there were 35 days without measurable rain (beginning in the last week of September). Except for a few localities at which a few hundreths of an inch fell, no measurable rain was observed for the first 12 days. Before the end of the dry spell, springs and wells had dried up and farmers had to haul water for their cattle. Pastures were burned, making the use of ensilage and purchased feed neccesary. The ground was too dry and hard for plowing and seeding, which were consequently delayed until the end of the month.

Skies were generally clear, and sunshine was as much as 50% above normal. The daytime temperatures were quite high, maxima in the 80's being common, and in a few places in the low 90's. The first few days, however, were cold, in continuation of the cold spell of the latter half of September. In some places new low records were set. At Harrisburg on the 1st, and at Pittsburgh on the 2d, the previous records for the respective days were broken. After the cold spell had run its course, warm weather was prevalent, and the second decade especially was very warm. At Harrisburg, new maximum records were set on the 21st, 22d and 23d. The maximum of 86° on the 23d was the warmest for so late in the season. At Philadelphia, high temperature records were broken on the 20th, 21st, 23d and 27th, with the maximum on the 21st the warmest for so late in the season. At Pittsburgh, prior records were tied on the 22d and 26th, while new records were set on the 23d and 27th.

There was no snowfall anywhere in the State, an occurrence that has happened only six times previously in the last 60 years. The last time that this occurred was in 1924. The normal snowfall is 0.2 inch.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 85 stations was 58.6°, which is 5.9 above the 60-year normal for October. The highest monthly mean was 66.6° at Phoenixville and the lowest was 52.4° at Kane. Extremes ranged from a maximum of 93° at Marcus Hook on the 21st to a minimum of 17° at Somerset on the 1st.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 216 stations, was 1.34 inches, which is 1.90 inches below the 60-year normal for October. The greatest monthly amount was 4.01 inches at Mount Pocono, while the least was 0.38 inch at Corry. The greatest amount recorded in any 24 consecutive hours was 3.01 inches at Philadelphia, Shawmont on the 28-29th. A trace of snow fell, which is a departure of −0.2 inch.

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	46.3	74	19	4.02	T	16	9	6	16
1889	47.3	83	15	3.85	0.2	10	8	9	14
1890	50.9	81	21	5.87	0.3	15	6	8	17
1891	50.6	91	15	3.06	T.	8	13	9	11
1892	50.8	83	16	0.72	T.	6	13	11	7
1893	53.0	91	17	3.26	T.	8	14	8	9
1894	53.6	88	24	4.26	T.	9	12	8	11
1895	47.3	76	17	1.99	0.3	5	17	8	6
1896	48.9	86	18	3.19	T.	9	11	8	12
1897	54.2	95	16	1.32	T.	5	14	8	9
1898	53.8	92	20	5.20	T.	12	11	7	13
1899	54.6	94	15	1.55	0	6	13	8	10
1900	58.6	95	19	2.74	0	8	11	9	11
1901	52.2	88	20	1.23	T.	5	16	10	5
1902	53.1	89	19	4.64	0.1	9	12	9	10
1903	53.4	91	20	4.64	0.1	9	12	8	11
1904	50.6	91	12	2.87	T.	7	15	8	8
1905	53.2	90	16	4.23	T.	9	14	7	10
1906	52.0	87	14	4.46	1.1	14	7	7	17
1907	48.2	87	13	3.16	T.	7	16	8	7
1908	54.6	93	19	1.95	T.	6	16	7	8
1909	48.4	87	15	2.27	T.	7	13	7	11
1910	55.6	91	14	1.91	0.5	7	16	8	7
1911	52.3	83	18	4.83	T.	11	11	7	13
1912	54.2	90	23	2.74	T.	7	15	7	9
1913	54.9	88	16	5.44	0.2	13	10	6	15
1914	56.4	91	11	2.35	T.	9	11	9	11
1915	54.2	85	17	2.65	T.	8	15	7	9
1916	52.1	92	16	2.25	T.	6	18	7	6
1917	47.2	84	12	6.38	1.7	13	10	10	11
1918	55.5	85	19	3.17	0	10	15	8	8
1919	57.5	92	21	4.77	0	17	9	8	14
1920	57.5	88	22	1.67	T.	5	19	7	5
1921	52.6	84	18	2.16	0	8	17	7	7
1922	54.8	94	12	2.51	T.	7	18	6	7
1923	51.0	87	12	2.38	T.	8	15	8	8
1924	52.9	87	14	0.28	0	2	21	7	3
1925	46.1	83	9	4.83	3.8	15	6	8	17
1926	51.9	90	16	4.51	0.2	14	10	9	12
1927	55.6	99	21	6.40	0.1	9	17	5	9
1928	55.1	91	15	1.78	0.1	8	14	8	1
1929	50.6	85	14	5.59	T.	9	12	8	11
1930	50.8	93	9	0.99	0.2	6	15	7	9
1931	55.7	93	20	1.83	T	9	15	8	8
1932	53.8	86	20	5.31	T	11	10	7	14
1933	51.6	90	11	1.91	T.	8	16	9	6
1934	51.8	84	11	1.46	0.6	6	17	7	7
1935	53.0	89	16	2.77	T.	9	16	8	7
1936	54.0	87	11	3.69	T.	11	13	6	12
1937	50.6	89	12	5.84	0.1	14	8	8	15
1938	54.5	91	16	1.81	T.	6	18	6	7
1939	53.6	92	15	3.88	T.	11	13	7	11
1940	50.0	85	10	2.03	1.1	8	12	8	11
1941	57.0	100	19	2.77	T.	13	9	9	13
1942	53.9	88	15	4.51	0.1	12	13	7	11
1943	50.1	89	17	5.63	0.3	13	11	5	15
1944	50.8	90	12	3.14	T.	10	13	9	9
1945	51.0	85	20	2.75	T	12	13	8	10
1946	56.0	92	24	3.50	T.	10	14	7	10
1947	58.6	93	17	1.34	0	5	18	6	7
Period	52.7	100	9	3.24	0.2	9	13	8	10

Climatological Data for October 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[1]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt [9]-4 NE	Lehigh	384	6	59.3	+6 3	85	23	31	25	1.43	−1 87	0.82	28	0	4	16	6	9	sw.	U.S. Weather Bureau.
Altoona-4.5 W	Blair	1,500	61	58.4	+6.3	82	22†	27	1	2.07	−0.82	1.16	18	0	6	22	5	4	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	5	56.8	.....	85	23	21	1	2.15	...	1.64	28	0	6	16	3	12	s.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	7	57.4	.....	81	15†	26	1	0.89	.....	0.64	28-29	0	3	23	2	6	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	60.0	+6.9	86	21	32	1	1.26	−2 12	0.73	28	0	6	19	3	9	se.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	51	59.4	+6.0	87	23	27	1	1.21	−2.08	0.63	28	0	5	18	5	8	s.	Charles A. Bender.
Coatesville	Chester	451	59	59.0	+4.8	85	23†	28	25	0.93	−2.50	0 76	28	0	5	14	5	12	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	4	56.2	.....	77	7†	25	1	0 79	.....	0.51	28	0	5	15	6	10	se.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	5	55.0	.....	78	15	28	1	0.99	−4.41	0.52	28-29	0	4	22	5	4	w.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	9	58.8	.....	80	23	30	1	1 82	−1.75	0.67	28-29	0	8	14	5	12	s.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	60	56.0	+5.9	85	7†	21	24	1.23	−1.98	0.42	18-19	0	6	22	2	7	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	49	61.7	+7.2	84	15†	34	25	1.65	−1.56	0 93	29-30	0	4	23	3	5	w.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	24	57.7	+5.9	85	23	27	1	0 81	−1.94	0.60	28	0	4	13	7	11	s.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	53	58.6§	+10.8	79	21	28	1	1.23	−2.82	0.59	30	0	5	15	6	10	w.	Andrew B. Evansha.
George School	Bucks	184	40	59.7	+4.4	87	21	29	25	2.77	−0.45	2 51	28-29	0	5	21	6	4	w.	George M. Hart.
Gettysburg	Adams	553	73	61.2	+7.6	87	23	31	1	0.94	−2.39	0.65	28	0	6	17	4	10	n.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	56.4	+5.6	81	23	23	1	1.66	−2.52	0.50	29	0	6	23	2	6	e.	Miss Sallie M. Johnson.
Hanover	York	600	42	62.4	+6.3	90	23	33	1	1.21	−1.96	0.99	28-29	0	4	17	7	7	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	77	61.3	+6 5	86	23	34	25	0.72	−2 21	0.51	28	0	4	14	6	11	se.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	36	55.4	+5.9	83	16	21	25	1.94	−1.46	0.68	28-29	0	4	22	7	2	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	31	62.9	+6.3	86	23	41	1	0 87	−1.84	0.61	28-29	0	3	17	5	9	s.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	59 0	+6.3	82	22†	24	1	0.80	−2 12	0.69	28-29	0	4	17	4	10	e.	Paul R. Yoder. Jr.
Lancaster	Lancaster	355	59	58.8	+5.2	87	23	30	25	2.17	−1.00	1.75	28-29	0	4	21	8	2	se.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	49	57.6	+7 0	87	15†	20	24	0.76	−2.08	0.38	30-31	0	5	22	4	5	.....	Carlos P. Darling.
Lebanon	Lebanon	469	62	60.2	+6.5	86	21	33	1†	1 06	−2.50	0.59	28	0	4	23	6	2	sw.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	8	59.8	.....	88	23	28	1	1.91	.....	1.10	28-29	0	6	18	3	10	w.	American Viscose Co.
Lock Haven	Clinton	557	55	60.2	+7.0	86	21	28	1	0.72	−2.48	0.56	28-29	0	5	21	5	5	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	65.6	+5.9	93	21	36	1	2.00	−0.54	1.90	28-29	0	5	16	5	10	sw.	Sun Oil Co.
Martinsburg[8]	Blair	1,493	4	58.2	.....	82	22	27	1	1.17	...	0.60	28	0	5	11	8	12	sw.	U. S Weather Bureau
Montrose-3 E	Susquehanna	1,176	41	56.7	+7.7	82	16	27	1	0.83	−2.84	0 47	30-31	T.	4	21	1	9	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	5	55.6	+7.4	79	16	28	1	4.01	−0.60	1.51	29	0	6	19	4	8	sw.	U. S. Weather Bureau.
Palmerton	Carbon	455	28	57.4	+5.0	83	21†	26	25	1.87	−1.50	0.85	28	0	6	11	14	6	s.	New Jersey Zinc Co.
Philadelphia C. O	Philadelphia	26	76	64.2	+6.4	87	21	39	1	2.55	−0.26	2.29	28-29	0	5	16	6	9	s.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	4	54.2	.....	79	22	21	1	1.17	.....	0.75	28-29	0	5	13	6	12	se.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	37	66.6	+11.3	90	23	28	1†	1.42	−1.86	1.32	28	0	4	20	8	3	n.	Phila.-Suburban Water Co.
Port Clinton†‡	Schuylkill	407	8	56.2	+2.9	83	23	26	25	3.93	−0.04	1.81	28-29	0	4	21	4	6	.....	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	61	57.0	+4.8	83	23	29	25	2.38	−1.04	2.27	28-29	0	4	21	5	5	w.	John E. Benner.
Reading	Berks	273	76	62.6	+7.2	86	23	34	25	1.88	−1.24	1.04	28-29	0	6	16	6	9	se.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	59.0	+7.1	84	16	31	25	1.70	−1.33	1.15	30	0	5	21	4	6	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	56	59.2§	+6 3	85	22†	27	1	1.65	−1.92	0 70	30-31	0	5	17	6	8	w.	Dr. Merle V. Hoover
State College	Centre	1,217	61	59 0	+7.7	81	21†	30	1	1.02	−1.90	0.63	28	0	7	14	7	10	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	27	58.0§	+6.0	85	16†	24	25	2.28	−1 43	1.24	30	0	5	22	5	4	n.	Metropolitan Edison Co.
Tamarack-2 S	Clinton	2,250	6	57 0	.....	81	15	26	1	1.54	.....	0.68	28-29	0	7	16	7	8	w.	James E. Swartz.
Towanda-1 E	Bradford	754	52	57.3	+6.4	84	23	25	25	0.83	−2.19	0.40	28-29	0	4	20	6	5	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	76	55.0	+6.2	85	15	22	1†	0.47	−2.51	0.27	28	0	4	23	4	4	w.	M. S. Bliss.
West Chester	Chester	440	97	62.2	+7.6	86	21	32	1	1.08	−2 54	1.02	28-29	0	4	18	8	5	s.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N	Luzerne	544	8	59.4	.....	82	16†	30	1	2.22	....	1.06	30-31	0	5	17	7	7	sw.	U.S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	2	58.2	....	86	21	31	1†	1.39	.....	1.21	28-29	0	4	16	7	8	w.	U. S. Weather Bureau.
Williamstown	Dauphin	775	30	59.2	+5.7	84	21	29	25	1.11	−2.74	0 37	30	0	4	12	16	3		Gordon E. Lower.
York-3 SW	York	390	58	61.2	+6.9	89	21†	26	1	1.91	−1.31	1.52	28-29	0	4	20	5	6	s.	York Water Co.
Division mean			....	59.0	.....	93	21	20	1†	1.53	.....	3.01	28-29	0	5	18	6	7	w.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	11	59.6	.....	80	15	29	1	1.68	−1.86	1.12	28-29	0	6	15	3	13	w.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	29	55 0	+5.2	83	15	23	1	0.82	−2.76	0.33	28-29	0	5	17	7	7	se.	City Water Dept.
Brookville Apt.-1.5SW	Jefferson	1,400	56	55 7	+6.5	82	15	22	1	1.54	−1.48	1.24	28-29	0	7	15	8	8	e.	Civil Aeronautics Authority
Butler	Butler	1,077	33	58 8	+6.0	85	16	25	1	1 45	−1.77	0.44	29-30	0	5	21	6	4	se.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	36	57.0	.....	83	7	24	1	1 15	−2.41	0.55	28-29	0	5	19	3	9	e.	Penna. Electric Co.
Claysville	Washington	1,170	43	59.7	+5.9	84	15	22	1	1.11	−1.96	0.39	28	0	4	16	5	10	nw.	Walter B. Paget.
Corry	Erie	1,410	32	57.4	+8.2	84	15	30	1†	0.38	−3.40	0 28	28-29	0	4	12	13	6	s.	Geo. R. Mulderick.
Coudersport	Potter	1,653	22	54.8	+5.7	83	17	21	1	1.32	−2.01	0.62	18	0	5	24	3	4	s.	Potter Enterprise.
Derry	Westmoreland	1,150	49	61.5	+7.4	84	7	25	1	1.65	−1.56	0.75	29	0	4	21	6	4	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	55.5	.....	80	6†	18	1	1.91	.....	1.20	28	0	6	16	11	4	w.	Penna. Turnpike Comm.
Donora	Washington	761	20	63.2	+7.0	85	15	30	1	1 39	−1.52	0.80	28	0	5	18	8	5	se.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	58.7	+8.8	81	15	24	1	0.88	−2.30	0 48	28	0	5	18	7	6	w.	John L. McGough.
Farrell	Mercer	855	33	63.0	+9.7	85	15	31	1	0.60	−2.09	0.30	28	0	4	19	8	4	se.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	3	57.6	....	83	15	28	2	1.76	.....	0.66	28-29	0	7	16	6	9	w.	U.S. Engineers.
Franklin	Venango	987	72	57.6	+6.5	82	15	31	1†	1.07	−2.07	0.45	28-29	0	5	22	3	6	w.	William K. Fuller
Greensburg-2 S	Westmoreland	1,160	37	57.5	+3.4	82	7†	22	1	1.47	−1.59	0.66	28	0	5	23	0	8	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	45	57.7	+5.2	84	15	22	1	1.28	−2.11	0.86	28	0	6	15	12	4	ne.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	5	58 3	.....	83	15†	28	2	0 89	−1.90	0.24	29-30	0	8	15	11	5	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	59.9	+6 3	86	22	28	1	1.20	−1.81	0 57	28	0	6	18	4	9	s.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1,750	31	52.4	.....	79	15†	20	1	1.08	−2.64	0.79	28	0	5	22	2	7	sw.	Spring Water Co.
Meadville-1 S	Crawford	1,065	52	57.4	+6.7	84	15	30	2	1.16	−2.25	0.48	18-19	0	6	20	4	7	sw.	City of Meadville.
Midland	Beaver	780	10	59.8	+5 3	86	28	30	1†	0.86	−2.29	0.27	28-29	0	7	19	12	0	se.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	66	59.2	+6.7	85	15	28	1	0.75	−1.98	0.31	28	0	6	23	3	5	s.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,286	13	62.0	+7.9	84	22	31	1	1.19	−1.33	0.75	28	0	5	13	8	10	s.	U. S. Weather Bureau
Putneyville-2.5 SE	Armstrong	1,270	3	56.4		82	16	19	1	1.66	.....	0 78	30	0	5	8	16	7	w.	U. S. Engineers.
Ridgway	Elk	1,385	39	56 1	+6 5	85	15	23	1	0.86	−2.22	0.42	28	0	7	20	4	7	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	54 2	+4.9	83	22	17	1	1.41	−1.67	0.68	28	0	6	9	9	13	se.	D. L. Grove.
Springs-1 SW	Somerset	2,500	27	54.7	+5.3	82	22	20	1	1.16	−2.36	0.72	28	0	6	13	5	13	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	9	56.4	.....	83	15	28	1	1.01	−2.55	0 66	28-29	0	6	23	4	4	sw.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	3	56.8	.....	82	15	24	1	0.80	.....	0.45	28	0	6	10	21	0	se.	U. S. Weather Bureau
Uniontown	Fayette	1,040	58	62.6	+7.7	88	15	27	1	1.28	−2.00	0.68	28-29	0	6	15	13	3	s.	William W. Marsteller.
Warren	Warren	1,190	58	58.8	+7.9	87	15	29	1†	0.67	−2.85	0.54	28	0	4	22	8	1	se.	Merrell L. Jordan.
Waynesburg	Greene	1,100	17	58.2	+8.7	85	22	20	1	0.94	−1.79	0.50	28	0	7	18	8	5	w.	Mfr's Light & Heat Co.
Division mean				58 0	.....	88	15	17	1	1.16	.....	1.53	28	0	6	18	7	6	w.	
Lake Drainage																				
Albion	Erie	900	3	59.6	.....	83	7	27	24	0.80	.....	0.42	28	0	7	21	6	4	s.	Albion High School
Erie	Erie	705	73	61.5	+8.1	82	17	37	24	0.54	−3.15	0.29	28-29	0	7	20	2	9	se.	U. S. Weather Bureau.
State mean				58.6	+5.9	93	21	17	1	1.34	−1.90	3.01	28-29	0	5	18	6	7	w.	

[See page 80 for explanation of reference marks.]

Daily Precipitation for October 1947

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike																				.09								.86	.24	.63		1.82
Equinunk[2]	Wayne																												.26	.26	.64		1.16
Hawley[2], 0.5 E	Wayne																			.05									.68	.58	.6		1.94
Hollisterville[2]	Wayne	.02																T.	.01	.02									.59	.63	.99		2.29
Lakeville[2], 1 N	Wayne	T.																	.05	T.									.51	.88	.65		2.07
Matamoras[2]	Pike																												.84	.54	.52		1.90
Milanville[2]	Wayne																		T										.50	.13	.61		1.24
Mount Pocono[1], 2 N	Monroe																		.08	.03									1.00	1.51	1.03	.36	4.01
Pecks Pond[2]	Pike											T.								.07	T.					.03			1.00	.25	.90		2.25
Pleasant Mount[1, 5], 1 W	Wayne																												.34	.97	.15	.25	1.71
Stroudsburg, 2 E	Monroe																			.09									.80	.16	1.24	.05	2.28
Tanners Falls[1, 5], 1 SE	Wayne																												.34	.56	.10	.32	1.32
Wind Gap[1, 5], 3 SW	N'rthampton																			.15									1.05	.72	.05	.48	2.45
LEHIGH																																	
Allentown Apt[1, 5, 9], 4 NE	Lehigh																		T.	.18									.82	.17	T.	.26	1.43
Allentown[2]	Lehigh																			.03	.02									.73	.14	.21	1.13
Bethlehem[1]	N'rthampton																		.05	.14									.57	.14	.01		0.91
Blakeslee Corners[1, 5]	Monroe																		.20										.98	•	•	1.26	2.44
Gouldsboro[2]	Wayne																														.50	1.15	1.65
Lansford[2]	Carbon																			•	.53								1.45	.72	.80		3.50
New Tripoli	Lehigh																		.01	.42									.37	.68	.15	.59	2.05
Palmerton[1, 5]	Carbon																		.07	.21									.85	.25	.22	.27	1.87
Zionsville, 1 SW	Lehigh																												.10	.95	.23	.15	1.43
SCHUYLKILL																																	
Conshohocken[2]	Montgomery								.03									.01												1.37		.01	1.42
Fredericksville[2], 1 S	Berks																	.03		.10	T.									.77	.10	.57	1.57
Geigertown[2]	Berks																	.02												.79	.28		1.09
Gratersford[2]	Montgomery																												1.08	.06	.11		1.55
Phoenixville[2], 1.5 SE	Chester								•	.02									T	.03									1.32		.05	1.42	
Port Clinton[2]	Schuylkill																			1.03	T.								1.81	.66	.43	3.93	
Pottstown[2], 0.5 S	Montgomery																													.79		.32	1.11	
Pottsville[2]	Schuylkill																		T.	.04									1.20	.41	.65	2.30	
Reading[1, 5]	Berks																		.18	.02									.79	.25	.34	.30	1.88
Strausstown[2]	Berks																		T.	.57										1.91	.17	.33	2.98	
Virginville[2]	Berks																T.	T.	T.	.53	.08									.81	.11	.77	2.30	
Wernersville	Berks																T	T.	.01	.03									.79	.44	.06	.41	1.74
LOWER DELAWARE																																	
Coatesville[2]	Chester								.01										.02	.01										.76	T.	.13	0.93	
Doylestown	Bucks								T.										.03										.18	1.55	T	.16	1.92	
George School[6]	Bucks								.03									T.	T.	T.									1.55	.96	.02	.21	2.77	
Maple Glen[7]	Montgomery								T.																					2.10	T.	T.	2.10	
Marcus Hook[2]	Delaware								.03	.02							T.	.03	.02											1.90	T.	T.	2.00	
Philadelphia Southwest Airport, [1]	Philadelphia								.03								.01	.01	T.	T.									1.35	.46	T.	.17	2.03	
City Office[1, 5]	Philadelphia								.03								.01			T.									1.62	.67	T.	.22	2.55	
Shawmont	Philadelphia								T.								T.	.03		T.									.54	2.47		12	3.16	
Quakertown, 0.5 E	Bucks							T.										.01											.11	2.16	T.	.10	2.38	
West Chester	Chester								T								.01	T.	T.	T.									.44	.58		.05	1.08	
West Grove[2], 1.5 SE	Chester								.03										.05											.97		.08	1.13	
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga																		.03										.38	.08	.10	.10	0.75	
Covington[2]	Tioga																			.10									T.	.36		.22	0.68	
Lawrenceville	Tioga																		.03										.24	.03	.08	.38	0.76	
NORTH BRANCH																																	
Berwick	Columbia																		.30										.12	.23	.17	1.10	1.92	
Canton[2], 1 NW	Bradford																													.64	.09	.16	0.89	
Danville[2]	Montour																			.10										.30	.13	.83	1.36	
Freeland[2]	Luzerne																			.12	.01									.09	.42	.59	1.23	
Hop Bottom[2], 2 S	Susquehanna																													.14	.30	.60	1.04	
Millville[1, 5]	Columbia																												.28	.11	.19	.23	0.81	
Monroeton[2], 2 S	Bradford	T.																			T.									.42	.14	.43	0.99	
Montrose[2], 3 E	Susquehanna	T.																	T.		.02									.09	.25	.47	0.83	
Orwell[2], 3 N	Bradford																				.01									.27	.11	.42	0.81	
Park Place[1], 1 NW	Schuylkill																		.12	.06									.67	.37	.75	.40	2.37	
Pikes Creek[1, 5]	Luzerne																												.20	.28	.05	.25	0.78	
Rush[2]	Susquehanna																				T.									.33	.10	.41	0.84	
Scranton[1, 5]	Lackawanna																		.05										.40	.09	.94	.22	1.70	
Susquehanna[2]	Susquehanna																				T.									.06	.90	.43	1.39	
Towanda, 1 E	Bradford																			T.									.08	.32	.19	.24	0.83	
Tunkhannock[2]	Wyoming																			.02										.13	.12	.72	0.99	
Wilkes-Barre[1], 3 N	Luzerne																		.02	T.									.41	.72	.73	.34	2.22	
WEST BRANCH																																	
Bellefonte[2]	Centre																			.32									.15	.68	.03	.03	1.21	
Carrolltown[2]	Cambria																			.01	.07								.34	.35	.03	.08	0.88	
Carter Camp[2]	Potter														.08			T.	.02	.17	.03								T.	.67	.05	.07	1.07	
Cedar Run[2]	Lycoming																			.28									.02	.48	.04	.12	0.96	
Clearfield[2]	Clearfield																			.08	.06								.10	.56	.07	.08	0.90	
Coalport[2]	Clearfield																			.20									.45	.18	.10		0.93	
Curwensville Apt[1] 6 NW	Clearfield													T.			T.	T.	.01	.17									.51	.08	T.	.02	0.79	
Driftwood[1, 5]	Cameron													.10					.20										.51	.12			0.93	
Dushore[1, 5]	Sullivan																			.04									.38	•	•	.52	0.94	
Eagles Mere[2]	Sullivan	T.								T.										.03	T.									.52	.14	.30	0.99	
Emporium[2], 1 E	Cameron														.02					.42	.17								•	.51	.05	.06	1.23	
English Center[1, 5]	Lycoming																		.18											.51	.08	.10	.05	0.92	
Galeton	Potter																		.04	.03						T.			.23	.32	.20	.05	0.87	

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Daily Precipitation for October 1947—Continued from page 75.

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield																			.45	.02								.03	.64	.05	.01	1.20
Lock Haven[2]	Clinton																			.06									.02	.56	.04	.04	0.72
Medix Run[1, 5]	Elk													.30				.09	.20	.05									.39	.11			1.14
Philipsburg[1, 5, 7 E]	Centre																T.	T.	.30	.02									.54	.26	T.	.05	1.17
Renovo[2]	Clinton														.07					.24	.09								.05	.58	.06	.06	1.15
State College[1, 5]	Centre																T.	.03	.09	.01									.63	.22	.02	.02	1.02
Tamarack[2, 2 S]	Clinton														.07				T	.47	.15								.02	.68	.05	.10	1.54
Trout Run	Lycoming																									.10		.28		.22	•	.48	1.08
Tyrone[1, 5, 4 NE]	Blair																		.15										.57	.05			0.77
Wellsboro[2]	Tioga																			.04										.27	.03	.13	0.47
Williamsport Apt.[1-4 E]	Lycoming																		T.										1.16	.07	.07	.09	1.39
Williamsport[2]	Lycoming																													.71	.06	.17	0.94
Williamsport[2, 4 SE]	Lycoming																			.10										1.46	.05	.34	1.95
JUNIATA																																	
Altoona, 4.5 W	Blair																		1.16	.02									.69	.14	.04	.02	2.07
Breezewood[1, 0.5 E]	Bedford																												.83		.12	.03	0.98
Buffalo Mills[2]	Bedford																												.44	.21			0.65
Burnt Cabins[1, 2 NE]	Fulton																		.07	.02									1.64	.07	.30	.05	2.15
East Waterford[2, 3 E]	Juniata																T.	.06	.52	.31	.01								.03	.67	.14	.08	1.82
Everett[2, 0.5 SW]	Bedford																												.04	.56	.07	.14	0.81
Huntingdon[2]	Huntingdon																		T.	.05									.04	.69	.02	T.	0.80
Lewistown[2, 1 W]	Mifflin																			.08	.54								.03	1.10	.09	.07	1.91
Mapleton Depot[2]	Huntingdon																			.08	.36								.01	.94	.02	.09	1.50
Martinsburg[1, 8]	Blair																T.	T.	.12										.60	.26	.15	.04	1.17
McConnellstown[2, 4NW]	Huntingdon							T.										.01		.09									.09	.63	.05	.06	0.95
Neffs Mills[1, 5, 3.5 NE]	Huntingdon																	.07	.32	.03									.65	.35	.01		1.43
New Bloomfield	Perry																																
Newport[2]	Perry																	T.	T.	.05										1.09	.04	.23	1.41
Saxton[2, 1 N]	Bedford																			.31									.07	.47	.03	.12	1.00
Shade Gap[1, 5, 0.5 SW]	Huntingdon																	.16	.21	.06									1.48		.08	.05	2.04
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams					T.											.09	.05	.15	T.									T.	1.04	.04	.23	1.60
Beavertown[2]	Snyder																			.28										.60	.03	.25	1.16
Bloserville, 1.5 N	Cumberland																T.	T	T.	.13						T.			1.05	T.	.05	.23	1.46
Carlisle	Cumberland																		.01	.28							T.		.60	.13	.03	.21	1.26
Columbia	Lancaster																T			T.									1.63	.13	.13	.31	2.20
Dauphin[2, 3 N]	Dauphin																	T.	T	.15									T	.69	.05	.28	1.17
Ephrata	Lancaster																	.02											.40	•	.93	.30	1.65
Glen Rock[1, 5]	York																			.71	.17									.71	.17		.07	0.95
Gordon	Schuylkill																		.10	.08									.47	.50	.13	.38	1.66
Grantville, 2 SW	Dauphin																T.		T.										.44	.06	.02	.21	0.73
Hanover[2]	York																.01												T.	.99	.01	.20	1.21
Harrisburg Apt[1, 5, 3.5 S]	Dauphin																T.		T.							T.			.51	.04	.06	.11	0.72
Holtwood[2]	Lancaster																	T.	T.	T										.64	.08	.15	0.87
Huntsdale[2]	Cumberland																T.	.04	.09	.04									T.	.51	.03	.07	0.78
Kirkwood[1, 5, 1 SW]	Lancaster																T												.90				0.90
Lancaster	Lancaster																												.52	1.23	.03	.39	2.17
Lebanon[2]	Lebanon																			.03										.59	.03	.38	1.06
Middletown[1, 1.5 W]	Dauphin																T.	T.	T.										.51	T.	.06	.24	0.81
Millersburg[1, 5, 2 E]	Dauphin																	.13	.11	.05									.57	.04	.08	.10	1.08
Milroy[2]	Mifflin																	T.		.02									.72	.65	.07	T.	1.46
Newburg[1, 3.5 NW]	Cumberland																.02	.82		.03									.68	.10	.10	.08	1.83
New Park	York																												.61	1.24	.02	.06	1.96
Pine Grove[2, 1.5 NE]	Schuylkill																		.05	.32										.94	.14	.35	1.80
Selinsgrove	Snyder																		T.	.30									.32	.30	.03	.70	1.65
Shamokin[2]	N'umberland																			.11										.33	.09	.82	1.35
Shippensburg	Cumberland																	.42	T.	T.									.75	T.	.24	.15	1.56
Sunbury[2]	N'umberland																		T	.17										.57	.06	.71	1.51
Wellsville	York																												.50	.04	12	.25	0.91
Williamstown[2]	Dauphin																			.28										.29	17	.37	1.11
York, 3 SW	York																												.63	.89	.27	.12	1.91
York Haven[2]	York																													.78	.01	.18	0.97
Potomac Basin																																	
Chambersburg[6, 1 SW]	Franklin																T.	.29	T.										.68	.05	.20	.04	1.21
Gettysburg	Adams																.02	T.	.03										.65	.05	.11	.08	0.94
Hewitt, 2 SW	Bedford												T.	T.				T	.04	.02									.70	.02	.13		0.91
Hyndman[2]	Bedford												T.																.35	.25	.04	.13	0.77
McConnellsburg[2]	Fulton																		T.	T.									.20	1.35	T.	.15	1.70
Mercersburg[2]	Franklin																	.10	T.	.22									T.	.59	.06	.04	1.01
South Mt. San't'm[2]	Franklin																	T.	.02											.94	.09	.16	1.21
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny																		T.	.13	.12								.55	.20	.12	.10	1.22
Allen Mills[1, 5]	Jefferson																	.04	.10	.09									.82	.08	.06		1.19
Blairsville[1, 6 NE]	Indiana																	T.	.06	16									1.10	.02	.26	.08	1.68
Boswell[2, 6 NW]	Somerset																			.06	16								.63	.23	.10	.25	1.43
Bradford, 1 W	McKean													T.						T.	.24	.02							.20	.33	.03	T.	0.82
Brookville[1, 1.5 SW]	Jefferson													.03						.01	.08								1.23	.11	.05	.03	1.54
Buckstown[1, 5]	Somerset																			.04	07									.80		.10	.01	1.02
Clarion[2, 3 SW]	Clarion																				.20	.09								.26	.55	.05		1.15
Corry	Erie														T					T.	.01									.07	.28	.02	T.	0.88
Coudersport	Potter																			.62										.44	.21	.03	.02	1.32
Coudersport, 7.5 E	Potter														T.						.10	.06								.05	.69	T.	.26	1.16
Derry	W'moreland														T.					T	.51										.75	.23	.16	1.65
Donegal[1]	W'moreland																	T.	.02	.15									1.20	.05	.46	.03	1.91
Dunlo[1, 5, 0.5 SW]	Cambria																			.03									.78	.07	.08	.13	1.09
Ebensburg[2]	Cambria																			.05									.48	.21	.07	.07	0.88
Ford City[2, 4 S]	Armstrong														T					.07	.15						.14		.57	.66	.06	.11	1.76
Franklin[2]	Venango																			.35	.09						T.		.15	.45	.03		1.07
Glen Hazel[2, 1 NE]	Elk																																
Home[1, 5]	Indiana																			.03	.13								.88	.02	.17		1.23
Indiana	Indiana																			.05	.07								.71	.15	.27	.08	1.28
Johnstown[2, 0.5 W]	Cambria																				.18	.01							.57	.30	.05	.09	1.20

Continued on page 77.

Daily Precipitation for October 1947—Continued from page 76

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean													T					.11	.07							.03		.79	.08	T.		1.08
Kregar[1], 1.5 SE	W'moreland																	T.	.06	.16									.99	.04	.21	.03	1.49
Lycippus, 1.5 E	W'moreland																		T	.11									.74	.10	.14		1.09
Marienville[1, 5]	Forest																		.06	.07									.70	.13	.07		1.03
Meadville[2], 1 S	Crawford														.07					.48	.06								.08	.39	.08		1.16
Mosgrove[2]	Armstrong	T.																	T	.04	.20						.01		.51	.46	.06	.45	1.73
Parkers Landing[2]	Armstrong																		T.	.16	.01							T.	.25	.28	.10		0.80
Pittsburgh Cty Of[1, 5]	Allegheny													T				T.	.02	.04								T.	.44	.03	.25		0.78
Port Allegany[2]	McKean														.02				T.	.01	.01							.02	.65	.10	.05		0.86
Punxsutawney[2]	Jefferson																			.07	.21								.50	.29	.07	.08	1.22
Putneyville[2], 2.5 SE	Armstrong																				.07	.25								.55	.78	.01	1.66
Ridgway[2]	Elk														.08					.03	.08								.21	.42	.02	.02	0.86
Saltsburg[2]	Indiana														T.				T.	.19	.10								.57	.48	.03	.12	1.49
Seward[2]	W'moreland																				.04								.38	.32		.17	0.91
Sheffield[1, 5, 6 W]	Warren																		.05										.63	.17			0.85
Smethport[1, 5, 1 SW]	McKean																		.18	.16									.31	.12	.02	.02	0.81
Strongstown[1, 5]	Indiana																		.14	.02									.83	.02	.16		1.17
Tionesta[2], 1.5 SE	Forest														.02					.21	.08						T.		.25	.41	.04		1.01
Titusville, 2 S	Crawford													.02					.07	.19					T				.15	.30	.07		0.80
Union City[1, 5]	Erie													.06					.44	.03									.15	.20			0.88
Vandergrift[2]	W'moreland																			.09	.15						T.		.60	.40	T.	.23	1.47
Warren[2]	Warren													T.	T					.05	.06								T.	.54		.02	0.67
Youngsville[1, 5]	Warren																		.07	.03									.33	.17	.07		0.67
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset																		.08	.08	T.								.50	.34	.03	.18	1.21
Connellsville[2]	Fayette																			.11	.05								.64	.15	.06	.28	1.29
Donora[1]	Washington																		.28	.06									.80	.15	.10		1.39
Greensboro[2]	Greene																		.03	.28									.45	.17	.01	.07	1.01
Greensburg, 2 S	W'moreland																		.05	.37									.66	.16	.23		1.47
Irwin	W'moreland														T				T.	.30									.56	.23	.13		1.22
Meyersdale[2]	Somerset																		.04	.02									.51	.25	.03	.08	0.93
Murrysville[1, 5]	W'moreland																		.07	.12									.72	.03	.13		1.07
Pittsburgh Arpt.[1, 5]	Allegheny													T.					.25	.03						T.		T.	.75	.02	.14	T	1.19
Rices Landing[2]	Greene																		T.	.08									.55	.24	.07	.53	1.47
Somerset	Somerset																		.11	.07									.68	.40	.14	.01	1.41
Springs[6], 1 SW	Somerset																T		.04	.01	T.								.72	.23	.15	.01	1.16
Uniontown	Fayette																		.05	.11									.48	.20	.42	.02	1.28
Waynesburg[2]	Greene																		.04	.02	.01								.42	.08	.15	.22	0.94
BEAVER																																	
Beaver Falls[2]	Beaver																			.08	.18								.17	.23	.10	.03	0.79
Butler	Butler																		.15	.28									.36	.22	.44		1.45
Farrell[2]	Mercer																			.11									.09	.21	.19		0.60
Greenville	Mercer													.05					.20	.09										.30	.21		0.85
Jamestown[2], 2 NW	Mercer														.08				.02	.21	.04								.07	.22	.24	.0	0.89
Mercer Arpt.[1], 2.5 NE	Mercer													.02				T	.16	.19						T.	T.	T.	.48	.23	.26	T	1.34
New Castle[1], 1 5 N	Lawrence																		.15	.08	.02								.31	.16	.03		0.75
Pennline, [2], 1 S	Crawford														.13					.09	.01								.06	.38	.40	.02	1.09
OHIO																																	
Claysville[2]	Washington																		.15	T.									.39	.16	.41		1.11
Coraopolis[2], 1 E	Allegheny														T.					.08	.05								.32	.13	.16	T.	0.74
Midland[2]	Beaver														.01					.16	.08								.16	.27	.17	.01	0.86
Washington[1, 5]	Washington																		.15										.54	.04	.01		0.74
LAKE DRAINAGE																																	
Albion[2]	Erie													.05	.03					.15									.05	.42	.04	.06	0.80
Erie[1, 5]	Erie														.03				.12	.06						T.			.13	.16	.02	.02	0.54
Raymond[1, 5]	Potter																		.40							.03		.01	.49	.15	.08	.09	1.25

[See page 80 for explanation of reference marks.]

Daily Evaporation (inches) and Wind Movement (miles)

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Confluence[2], 1 SW.	Evaporation																																
	Wind movement																																
Ford City[2], 4 S	Evaporation	.106	.082	.072	.080	.088	.056	.084	.108	.088																							
	Wind movement	63	16	16	4	11	18	5	12	27																							
Hawley[2], 1 S	Evaporation																																
	Wind movement																																
Jamestown[2], 2 NW	Evaporation																																
	Wind movement																																
Neffs Mills[2], 3.5 NE.	Evaporation	.160	.110	.092	.028	.066	.184	.106	.110	.016	.210	.050	.076	.062																			
	Wind movement	69	58	5	2	5	8	9	9	39	38	6	11	9																			

Italics mean minus quantity.

[See page 80 for explanation of other references.]

Daily Temperatures for October 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/.	Maximum	55	63	76	79	82	79	83	79	79	77	83	78	73	73	74	83	82	76	73	74	76	83	68	83	78	79	79	70	67	78	57	75.5
	Minimum	34	31	35	48	43	49	53	45	34	38	42	36	57	33	34	62	58	48	56	35	43	43	45	27	42	45	51	54	45	46	47	43.8
Allentown Arpt.[1,9-4 NE	Maximum	60	64	71	73	76	79	79	75	64	67	72	73	73	78	82	81	78	77	78	76	85	78	85	61	65	78	77	78	70	56	48	72.9
	Minimum	34	43	37	42	45	43	45	50	48	40	38	39	49	48	42	47	58	65	59	49	50	46	44	36	31	47	45	52	54	48	42	45 7
Allentown/.	Maximum	61	67	71	74	76	80	79	74	68	72	74	74	79	82	80	79	77	79	78	85	79	85	62	66	78	77	77	72	57	51	78.8
	Minimum	36	40	37	43	47	44	48	50	53	40	39	43	43	46	41	46	52	61	64	52	50	46	45	38	32	37	45	48	57	48	43	45.6
Altoona 4.5 W.	Maximum	59	66	70	75	76	78	79	74	64	63	69	65	78	78	79	71	76	71	67	78	80	82	82	69	68	74	77	65	60	52	50	70 8
	Minimum	27	38	35	45	43	46	45	48	50	48	40	48	49	45	42	51	59	63	57	45	49	48	48	36	37	50	47	52	50	42	46	46.1
Arendtsville/	Maximum	65	70	74	76	76	80	77	77	65	67	70	71	75	76	78	74	70	74	75	80	86	80	86	61	65	74	75	66	69	58	50	72.3
	Minimum	32	36	38	40	42	42	41	50	54	49	44	49	48	49	43	54	58	63	56	48	50	49	44	41	35	42	47	51	58	45	46	46.6
Beavertown/	Maximum	61	69	72	73	75	79	79	76	63	65	70	75	78	78	80	79	72	72	72	80	84	81	84	63	67	76	77	65	66	57	50	72.2
	Minimum	27	33	30	36	47	40	38	37	47	47	37	39	43	48	43	48	35	50	58	60	44	44	40	39	28	30	41	42	45	55	37	41.3
Berwick	Maximum	61	66	71	77	77	81	81	76	71	70	75	78	79	79	81	84	79	77	76	79	85	81	83	72	67	76	80	73	68	64	54	74.9
	Minimum	28	36	35	40	42	43	40	45	50	38	39	41	46	47	40	48	54	63	59	46	42	44	42	33	29	46	44	58	55	48	42	43 8
Bethlehem[1]	Maximum	61	67	72	73	76	81	79	76	66	67	73	75	75	79	86	83	79	77	76	79	87	79	85	62	64	78	77	76	69	54	45	73.4
	Minimum	36	46	41	50	50	51	54	51	43	43	44	53	53	47	52	61	67	66	58	62	53	50	38	34	50	49	57	54	45	40	50.0	
Blairsville[1-6 NE.	Maximum	53	60	69	76	74	77	78	72	66	69	74	72	75	72	80	75	79	68	61	70	74	79	77	64	73	72	79	65	57	50	50	69.7
	Minimum	29	36	42	50	51	54	53	54	49	47	48	53	54	48	51	59	59	58	52	48	54	57	49	38	44	56	56	51	46	45	40	49.5
Bradford-4 W	Maximum	53	60	69	77	74	77	79	74	61	67	68	75	74	75	83	80	78	76	71	78	76	79	76	62	70	72	77	70	65	58	52	70.8
	Minimum	23	32	25	36	40	42	41	41	36	30	33	36	46	35	31	34	51	58	57	34	41	39	41	30	35	49	41	53	46	38	42	39.3
Brookville[1]	Maximum	57	64	72	77	77	78	80	78	64	69	71	75	78	77	82	80	79	70	63	74	78	79	64	74	75	80	68	56	54	52	71.6	
	Minimum	22	29	30	38	41	41	40	40	38	36	35	40	48	43	34	42	48	55	52	36	34	35	36	33	39	47	39	55	40	43	44	39.8
Burnt Cabins[1-2 NE	Maximum	60	69	71	75	76	79	79	75	66	63	58	72	80	78	79	78	71	68	74	76	82	82	85	62	68	78	78	72	66	54	50	71.6
	Minimum	21	24	35	36	38	40	36	46	50	51	52	48	44	39	33	50	54	58	54	39	41	38	37	32	33	50	42	58	41	36	44	41.9
Butler	Maximum	54	62	74	76	82	83	84	79	83	70	75	80	80	83	82	85	83	81	73	78	79	80	80	72	78	78	80	68	56	55	75.7	
	Minimum	25	28	32	39	43	41	41	42	52	40	38	46	45	44	34	46	48	60	41	43	31	38	39	40	40	44	42	55	52	49	45	42.0
Canton/-1 NW	Maximum	56	64	68	71	74	77	77	79	62	61	71	73	75	73	81	81	74	75	70	75	79	81	79	58	64	76	79	61	64	52	42	70.1
	Minimum	26	37	34	47	49	54	55	49	38	34	40	41	50	43	41	46	55	52	56	41	54	45	41	31	36	44	52	54	51	48	40	44.6
Carlisle.	Maximum	60	70	70	77	78	80	80	72	68	68	73	74	76	77	80	76	74	77	77	77	86	82	86	77	67	77	78	70	70	62	55	74.0
	Minimum	32	38	34	41	42	42	40	49	50	51	42	45	48	49	39	52	58	63	57	50	52	46	43	35	34	49	45	56	58	44	44	46.0
Chambersburg[6-1 SW.	Maximum	62	70	73	77	78	80	79	77	67	67	70	72	78	80	82	78	72	76	77	80	86	82	87	64	68	77	78	70	70	55	54	73.7
	Minimum	27	33	34	39	40	42	40	50	51	47	44	50	46	48	39	55	56	61	55	51	47	46	44	37	35	49	47	56	48	39	45	45.2
Clarion[6-3 SW	Maximum	59	64	72	79	78	80	83	80	66	70	73	77	79	80	85	80	80	74	65	77	79	80	79	64	72	76	79	70	60	58	53	73.2
	Minimum	24	30	32	37	42	43	41	40	46	35	36	41	48	44	38	43	49	55	5	35	35	38	39	33	37	51	41	52	44	42	42	40.7
Claysville	Maximum	57	67	76	79	79	81	83	77	72	74	79	79	80	77	84	83	78	74	70	78	80	83	82	70	70	79	79	69	61	51	51	74.3
	Minimum	22	26	33	43	52	48	43	46	53	43	45	52	53	40	37	52	56	59	59	39	40	40	42	41	50	49	50	53	49	45	38	45.1
Coalport/.	Maximum	60	65	78	78	80	82	82	80	66	66	71	72	81	80	81	78	78	73	63	76	78	82	79	63	71	76	78	68	57	51	51	72.4
	Minimum	20	47	29	30	35	39	36	39	44	36	33	34	47	45	30	32	47	55	55	35	35	34	33	30	30	43	40	41	49	42	41	37.6
Contesville/.	Maximum	59	67	71	74	74	78	79	76	69	68	73	73	74	78	80	79	75	76	77	77	86	82	86	77	67	77	78	70	70	62	55	74.0
	Minimum	29	32	35	42	44	42	44	53	53	45	40	41	45	47	40	43	59	63	59	52	46	44	45	40	28	42	47	49	54	47	44	45.0
Columbia	Maximum	63	72	75	78	81	83	82	79	68	71	75	77	75	81	83	79	81	79	80	80	88	85	90	80	70	78	81	72	71	68	55	76.8
	Minimum	33	38	37	43	47	45	45	55	52	50	42	45	49	51	42	51	58	67	60	56	48	46	46	37	33	48	47	58	60	45	45	47.7
Corry	Maximum	55	62	73	80	77	79	80	70	66	73	75	79	72	76	84	83	80	73	65	74	76	79	70	68	68	75	80	68	59	55	49	71.7
	Minimum	30	30	30	43	49	45	44	44	38	32	37	46	58	36	36	39	56	59	58	44	40	39	43	39	42	55	42	54	49	46	44	43.2
Coudersport.	Maximum	58	64	71	75	77	78	79	77	71	66	74	70	76	79	84	81	83	79	70	76	80	80	78	64	74	75	77	72	59	71	72	73.9
	Minimum	21	29	24	33	36	41	38	39	34	28	32	34	43	40	29	32	34	58	40	36	35	35	34	27	33	27	34	51	47	42	38	35.6
Curwensville[1 6 NW.	Maximum	54	60	68	74	74	76	77	74	58	60	66	69	74	74	77	74	75	70	60	73	76	77	77	58	67	72	74	68	54	50	50	67.9
	Minimum	25	34	35	45	47	48	48	49	44	41	40	47	51	42	48	49	52	56	56	44	38	50	50	42	32	40	51	51	53	41	40	44.6
Derry.	Maximum	58	62	75	82	83	81	84	75	73	72	78	76	80	81	77	85	82	82	74	70	77	79	85	82	67	76	79	83	72	64	53	75 7
	Minimum	25	29	33	44	42	46	44	46	55	53	55	57	52	62	49	40	55	58	54	60	46	47	40	41	42	52	52	45	52	48	48	47 3
Donegal[1]	Maximum	53	60	72	78	76	80	80	74	69	69	73	74	77	75	78	77	75	72	62	68	74	80	77	63	72	74	79	66	57	51	45	70.3
	Minimum	18	20	26	36	42	40	37	40	46	46	42	52	45	40	35	58	56	51	48	40	34	34	34	40	38	48	40	50	40	42	40	40.7
Donora[1]	Maximum	57	66	78	81	81	82	80	77	74	77	79	79	80	77	85	83	78	75	69	76	82	84	84	71	79	79	82	70	59	56	56	75.4
	Minimum	30	35	39	47	54	51	48	49	57	59	50	61	57	54	43	61	57	66	63	50	45	47	47	45	51	59	52	58	55	57	48	51.0
Eagles Mere/.	Maximum	50	58	60	65	64	68	68	70	59	60	66	66	68	68	78	75	66	70	66	69	76	74	72	60	60	72	70	61	61	52	42	65.0
	Minimum	28	29	37	43	48	50	51	52	40	38	40	43	49	46	46	53	57	59	58	45	45	53	53	29	29	38	49	55	52	45	37	45.1
East Waterford[6-3 E	Maximum	54	62	68	67	69	75	73	68	62	58	66	68	73	70	74	68	65	67	69	71	78	78	80	58	63	71	70	60	62	53	46	66.6
	Minimum	30	42	46	51	50	54	54	56	47	48	46	52	52	52	56	61	60	61	59	51	60	59	62	34	41	53	56	55	49	44	39	51.0
Ebensburg/.	Maximum	52	62	71	75	75	78	78	74	66	68	71	73	76	80	81	80	82	79	74	80	81	83	67	74	77	80	70	51	58	53	70.8	
	Minimum	21	31	35	43	47	47	48	48	47	43	44	46	50	50	70	56	57	56	45	44	50	46	57	32	40	51	48	52	47	42	42	46 6
Emporium/-1 E	Maximum	60	67	75	81	80	80	85	80	72	67	74	77	80	81	85	82	82	79	60	79	84	81	83	67	74	77	80	70	51	58	53	74.3
	Minimum	23	29	30	33	41	42	37	44	33	30	31	38	42	45	36	32	33	54	57	40	35	38	39	21	29	34	44	45	49	43	40	37.7
Ephrata	Maximum	64	71	75	77	78	82	82	77	68	71	75	77	74	79	84	82	82	75	72	76	84	78	84	61	63	75	76	66	76	69	57	74.5
	Minimum	38	40	39	42	46	45	52	55	50	47	44	46	49	49	46	57	60	62	64	53	55	49	48	38	34	49	48	58	60	48	45	48.9
Erie[1]	Maximum	52	60	76	82	74	80	78	69	58	63	66	76	72	67	80	81	82	75	67	70	71	75	68	66	68	72	80	70	59	55	52	69.8
	Minimum	42	44	45	57	59	61	62	54	44	44	52	58	53	48	53	61	65	65	59	52	59	57	47	37	52	61	61	55	52	49	42	53.2
Everett[1-0.5 W.	Maximum	61	68	74	78	78	81	80	75	68	64	72	68	80	81	81	74	76	79	75	80	84	84	85	66	71	79	78	67	60	65	51	73.6
	Minimum	27	29	35	35	38	38	44	51	48	53	54	46	46	33	36	41	51	56	56	46	43	33	33	35	33	46	41	48	40	40	40	41.8
Farrell.	Maximum	60	68	77	83	81	83	85	82	69	76	79	81	80	76	85	83	82	81	72	79	81	83	78	70	70	79	79	77	69	57	57	76.2
	Minimum	31	35	39	50	59	53	51	51	51	43	49	54	55	45	45	53	60	65	51	46	43	45	49	41	53	55	49	57	54	52	55	49.7
Ford City/-4 S.	Maximum	58	65	74	79	78	79	82	79	68	74	76	79	81	75	83	82	81	76	67	77	79	78	80	67	75	77	81	68	61	58	59	74.0
	Minimum	29	28	33	35	42	43	42	41	44	40	39	41	49	44	36	39	49	52	58	43	36	37	38	39	37	42	42	43	49	45	41	41.2
Franklin/.	Maximum	59	65	72	77	78	80	81	79	70	72	74	78	80	78	82	81	81	72	66	77	80	81	78	67	70	77	78	69	56	55	54	73.1
	Minimum	31	31	33	35	43	46	46	45	42	37	38	42	46	43	40	41	44	54	58	40	41	39	41	35	35	41	45	45	51	49	46	42.0
Fredericksville-1 S.	Maximum	58	65	70	73	75	78	78	75	64	76	70	72	71	77	78	80	77	77	75	74	84	79	84	80	65	75	75	75	70	66	53	73.2
	Minimum	34	39	39	50	52	55	56	52	48	45	48	49	49	55	57	57	56	65	60	52	61	56	62	48	34	33	42	63	61	44	40	50.4
Freeland.	Maximum	56	60	57	70	73	78	76	75	70	63	72	70	74	75	78	79	78	72	69	73	79	77	77	63	72	67	73	65	64	58	51	69.8
	Minimum	28	37	40	47	48	51	52	58	47	39	40	45	45	47	50	54	59	61	59	48	54	47	30	35	49	58	54	52	52	46	36	47.4
George School[6]	Maximum	61	68	72	74	75	78	79	71	68	68	73	74	72	77	78	80	75	78	76	80	87	76	86	68	66	77	76	79	73	64	52	73.6
	Minimum	30	37	36	40	42	41	52	53	53	43	40	37	49	49	41	51	60	63	62	51	49	48	44	36	29	42	44	48	59	49	42	45.8
Gettysburg	Maximum	61	67	72	75	74	79	78	75	73	67	71	70	75	76	79	77	75	74	79	77	86	82	87	82	66	77	77	72	72	64	54	74.0
	Minimum	31	38	39	40	46	44	48	54	55	50	45	51	57	50	42	58	61	61	58	54	50	47	43	40	35	50	45	60	60	45	46	48.5
Gordon	Maximum	59	65	72	73	75	80	80	73	63	66	70	74	75	76	78	80	78	75	75	75	80	78	81	62	64	75	75	68	67	62	45	71.6
	Minimum	23	32	30	37	44	41	36	55	51	40	33	36	41	41	35	42	54	64	54	44	48	37	28	26	45	41	51	50	48	42	41.3	
Greensburg-2 S	Maximum	57	65	74	79	79	80	82	80	71	72	76	76	78	71	82	82	80	73	66	75	79	82	82	69	75	78	82	70	60	55	52	73.6
	Minimum	22	29	29	35	40	40	37	40	54	40	39	48	45	42	34	48	47	58	57	48	40	36	36	35	45	40	52	49	43	45	41.4	
Hanover/.	Maximum	62	70	75	78	77	81	80	75	65	71	74	71	77	77	81	77	76	75	78	78	88	83	90	65	68	75	79	68	75	60	49	74.1
	Minimum	33	39	39	44	54	50	48	55	55	53	48	50	51	52	47	53	61	66	62	54	53	52	52	42	39	54	58	57	61	46	46	50.6
Harrisburg Arpt. [1-3.5 S.	Maximum	60	68	70	78	76	81	79	74	64	67	71	72	73	76	80	77	76	78	75	77	84	83	86	63	67	75	79	68	70	60	53	72.9
	Minimum	35	42	40	44	50	46	45	53	56	51	46	51	50	50	44	56	59	64	61	57	60	50	48	38	34	52	47	62	55	49	46	49.7
Hawley-0.5 E	Maximum	56	60	68	73	76	80	82	73	65	64	69	73	75	75	81	83	81	75	76	75	78	80	82	65	68	76	78	73	66	64	47	72.2
	Minimum	25	32	32	33	38	42	38	41	42	30	33	33	36	43	34	35	50	58	57	45	38	36	39	28	21	42	41	42	52	46	39	38.7
Hewitt-2 SW.	Maximum																																
	Minimum																																
Holtwood[1]	Maximum	59	67	73	71	75	72	76	72	66	70	75	77	72	77	79	77	73	76	77	75	82	79	86	66	72	79	75	73	72	62	54	72.9
	Minimum	41	44	45	48	52	50	54	57	56	50	48	51	54	53	52	61	63	66	66	55	55	55	52	45	44	50	55	59	58	54	46	52 9

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Daily Temperatures for October 1947—Continued from page 78.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Huntingdon	Maximum	62	69	75	79	79	83	83	75	66	64	72	78	82	80	82	78	78	77	70	81	85	86	88	70	71	77	81	67	64	54	53	74.3
	Minimum	24	32	35	37	39	43	47	44	55	52	42	42	47	47	44	45	58	63	58	43	39	39	38	30	31	46	45	53	51	45	46	43.8
Indiana-2.5 SE	Maximum	57	65	72	79	78	80	81	78	69	72	75	75	78	77	84	80	80	78	65	74	76	80	80	67	76	75	81	69	63	56	54	73.1
	Minimum	22	27	29	38	42	42	41	42	51	40	38	46	47	45	36	47	52	58	56	44	35	36	38	38	45	47	41	54	50	42	45	42.3
Irwin	Maximum	58	64	75	81	81	79	79	79	75	73	75	78	76	79	83	81	82	78	68	75	80	83	82	77	72	74	82	79	66	55	54	75.0
	Minimum	24	28	32	40	50	47	45	42	53	44	41	57	51	48	38	58	52	61	59	45	41	40	42	39	48	51	47	54	49	48	43	45.2
Jamestown/-2 NW	Maximum	57	67	74	80	78	80	82	76	68	74	74	81	77	71	83	83	80	71	68	80	80	81	74	68	69	77	78	69	58	59	53	73.2
	Minimum	29	28	33	43	50	50	46	46	41	37	44	42	55	34	36	42	55	58	60	35	37	41	48	34	40	47	49	51	48	46	45	43.4
Johnstown/	Maximum	60	66	78	82	81	83	84	80	70	71	75	67	82	80	83	77	79	74	71	75	80	86	81	66	76	78	81	67	61	55	55	74.3
	Minimum	28	30	35	40	44	45	48	47	52	47	41	50	51	50	39	51	55	59	62	44	42	41	41	34	40	54	45	49	53	48	47	45.5
Kane[1]-1 N	Maximum	50	62	69	75	74	76	78	75	64	66	69	74	75	75	79	79	77	74	63	78	78	78	78	62	70	72	76	66	55	55	46	69.7
	Minimum	20	29	25	35	40	38	37	37	30	27	30	35	43	34	29	32	46	54	54	36	38	33	31	36	25	32	41	36	49	36	42	33	35.0
Lancaster	Maximum	60	68	69	73	74	77	77	74	69	67	70	72	70	77	78	78	75	78	77	77	86	86	87	72	66	76	77	75	72	66	58	73.4
	Minimum	31	35	35	39	43	40	45	51	48	45	39	41	46	47	39	51	56	63	58	48	42	42	40	38	34	42	48	49	60	45	43	44.2
Lawrenceville	Maximum	58	57	74	79	81	84	85	80	65	68	74	79	81	76	87	87	81	81	76	78	79	85	82	62	73	75	80	68	60	55	49	74.0
	Minimum	25	34	30	37	43	44	47	43	37	34	40	38	46	44	36	37	51	59	55	37	42	40	40	20	28	49	48	52	51	49	44	41.1
Lebanon	Maximum	60	68	74	77	78	81	80	76	65	69	72	77	74	81	83	81	79	80	77	78	86	83	86	65	66	77	79	71	75	66	60	74.6
	Minimum	33	39	37	43	45	45	44	49	50	45	41	42	49	46	42	47	57	63	61	51	48	46	44	37	34	42	45	46	60	44	43	45.7
Lewistown/-2 SW	Maximum	65	72	76	78	78	82	82	76	65	64	73	77	83	80	82	80	74	79	71	82	87	86	88	67	69	78	80	67	68	61	59	75.0
	Minimum	28	32	37	39	41	43	44	43	48	51	45	44	47	48	41	40	56	61	61	47	48	45	42	39	36	37	47	47	55	46	45	44.6
Lock Haven[6]	Maximum	64	71	76	80	79	85	84	82	69	64	75	77	84	80	82	78	79	82	69	83	86	85	85	69	70	78	82	70	64	58	55	75.6
	Minimum	28	37	34	40	41	48	47	47	48	40	42	42	47	51	39	43	56	60	60	46	46	45	43	32	32	45	45	53	54	47	47	44.7
Marcus Hook/	Maximum	66	75	76	71	76	79	84	74	68	71	74	75	78	77	81	79	77	85	83	82	93	84	91	64	71	75	80	79	78	72	60	76.7
	Minimum	36	47	50	49	50	51	54	57	59	51	52	53	58	58	54	59	64	64	65	60	62	61	57	46	44	60	56	57	61	54	49	54.5
Martinsburg[1, 8]	Maximum	56	64	72	75	77	79	78	73	63	61	68	65	80	75	79	75	74	74	67	77	79	82	80	60	67	76	77	68	60	50	49	70.2
	Minimum	27	35	36	41	45	46	44	46	50	52	47	55	48	47	41	56	60	62	55	48	47	45	46	34	48	47	46	56	41	43	42	46.3
Meadville/-1 S	Maximum	58	63	73	79	77	80	82	75	66	73	74	78	74	76	84	83	80	70	67	78	79	80	78	66	66	78	77	68	57	55	52	72.2
	Minimum	32	39	33	42	47	45	44	44	41	34	39	44	53	39	39	40	48	54	59	38	37	39	48	34	40	48	44	49	49	48	46	42.7
Mercer[1]-2.5 NE	Maximum	55	61	70	76	75	78	79	76	65	70	72	76	76	78	80	79	79	70	65	78	78	78	74	64	68	78	78	66	58	56	52	70.5
	Minimum	25	28	39	48	52	50	49	47	43	40	44	50	44	37	40	53	57	60	44	36	41	44	45	35	46	49	52	50	47	44	45	44.6
Middletown[1]-1.5 W	Maximum	60	68	74	77	77	81	79	75	68	68	72	75	74	80	80	78	79	77	80	78	84	83	87	65	67	76	78	69	72	60	52	73.9
	Minimum	34	40	38	43	46	48	44	52	53	49	41	48	47	49	43	54	62	65	61	48	49	46	46	38	34	52	48	58	55	48	47	47.9
Midland[6]	Maximum	60	62	72	76	75	79	76	74	67	73	75	75	80	74	79	81	79	72	74	73	78	77	80	70	72	73	76	86	64	57	55	72.7
	Minimum	30	30	33	36	51	49	48	48	52	47	48	53	55	46	48	52	57	60	51	46	43	45	46	43	48	51	49	52	58	48	48	47.1
Montrose/-3 E	Maximum	52	59	68	72	73	76	77	73	60	65	70	72	75	69	79	82	78	72	72	69	72	76	78	62	70	73	74	67	67	51	44	69.3
	Minimum	27	31	38	42	47	49	50	50	37	35	41	44	46	44	46	51	55	58	53	45	45	47	48	28	31	37	40	54	55	49	38	44.1
Mt. Pocono[1]-2 N	Maximum	52	61	66	67	70	75	76	73	64	62	67	70	70	74	76	79	76	68	73	70	74	75	78	61	60	73	71	66	64	52	49	67.2
	Minimum	28	37	32	40	46	50	48	49	37	34	35	38	41	47	42	50	57	60	59	48	54	44	39	29	30	48	47	52	50	40	33	43.4
New Bloomfield	Maximum																																
	Minimum																																
New Castle[6]-1.5 N	Maximum	60	66	75	80	80	83	83	81	70	75	76	80	81	76	85	82	81	72	71	78	81	83	79	70	71	77	78	69	56	57	56	74.6
	Minimum	28	32	35	42	51	46	42	43	45	39	40	47	49	40	37	49	56	56	50	44	39	39	43	36	46	48	44	54	50	44	45	43.7
Palmerton[1]	Maximum	59	65	68	70	73	77	77	72	66	64	68	71	70	78	77	78	76	72	74	75	83	75	83	61	68	74	74	72	68	57	46	70.7
	Minimum	33	39	35	39	49	47	43	49	43	36	36	36	41	45	38	43	59	64	60	46	46	44	44	32	26	47	45	57	54	46	39	44.0
Park Place[1]-1 NW	Maximum	53	60	66	69	70	74	74	71	60	61	65	69	71	73	76	77	73	67	69	71	78	75	78	59	59	74	71	60	65	56	48	67.5
	Minimum	29	38	44	48	49	51	51	53	45	41	43	47	48	49	37	58	60	62	58	48	53	51	49	30	35	50	54	54	48	41	35	47.4
Phila. Arpt.[1]-7 SW	Maximum	61	68	72	75	76	76	81	74	68	70	73	74	74	76	79	78	78	79	80	78	86	86	87	63	69	77	78	79	78	63	52	74.2
	Minimum	34	44	44	44	46	48	58	58	55	49	49	49	53	51	49	60	64	66	62	57	56	54	53	46	38	48	49	54	59	51	45	51.3
Philadelphia C.O.[1]	Maximum	60	68	71	74	74	76	80	74	68	67	71	74	73	76	79	78	78	79	78	81	87	87	88	65	68	77	76	77	74	60	51	73.2
	Minimum	39	48	51	50	54	55	58	63	57	50	52	52	57	59	55	62	64	66	64	61	61	61	56	47	46	54	56	60	60	51	45	55.3
Phila. Shawmont	Maximum	60	68	70	74	75	77	80	76	71	67	71	74	72	78	78	77	76	75	79	79	86	77	85	74	68	77	76	78	75	72	55	64.0
	Minimum	34	37	39	47	60	46	53	57	56	45	41	44	51	51	45	57	61	61	61	54	47	47	48	40	47	55	49	58	61	53	45	50.0
Philipsburg[1]-7 E	Maximum	55	62	67	72	72	75	74	76	59	57	66	68	76	75	77	71	74	72	63	75	77	79	78	59	68	72	72	59	59	52	48	67.9
	Minimum	21	31	26	38	41	41	40	39	45	37	34	47	51	38	33	41	60	54	51	43	44	36	36	30	43	42	41	54	38	39	40	40.5
Phoenixville-1.5 SE	Maximum	71	76	76	83	80	84	85	78	72	68	72	74	73	80	85	84	83	82	80	80	89	84	90	80	80	69	81	81	80	84	78	64	79.1
	Minimum	28	30	33	41	43	42	49	52	53	41	36	37	44	47	38	51	54	66	62	49	42	41	43	32	28	43	48	48	50	46	45	44.0
Pittsburgh Arpt.[1]-7.5 SE	Maximum	58	66	76	80	80	82	79	76	69	72	75	78	80	75	82	81	79	72	68	77	79	84	85	67	72	80	80	68	59	54	52	73.6
	Minimum	31	32	43	50	54	52	52	52	51	47	50	57	56	51	52	59	61	60	57	50	50	50	51	41	48	56	55	51	50	48	45	50.4
Pittsburgh City Office[1]	Maximum	57	67	76	79	81	82	81	78	69	78	77	79	82	76	83	82	80	73	70	77	81	85	82	69	73	79	80	69	58	56	54	74.5
	Minimum	35	38	42	48	57	53	52	52	56	49	50	58	60	54	47	57	60	65	58	56	49	49	50	45	52	59	58	55	52	51	49	51.8
Port Clinton/	Maximum	53	52	56	53	73	75	78	73	63	66	70	72	70	80	80	80	78	72	75	78	80	78	83	60	60	73	75	72	72	62	49	69.7
	Minimum	29	28	40	29	39	47	41	47	47	38	37	37	39	47	37	45	57	62	63	49	42	47	49	34	26	38	44	45	60	46	43	42.7
Putneyville/-2.5 SE	Maximum	57	65	75	78	78	79	80	78	65	70	76	79	76	79	76	82	79	80	76	65	76	78	78	80	64	75	77	80	68	69	54	73.9
	Minimum	19	22	29	32	41	42	40	40	46	37	37	45	44	50	41	32	35	49	50	54	35	35	36	37	34	35	48	40	41	44	38	39.0
Quakertown-0.5 E	Maximum	63	64	68	72	72	76	76	73	68	65	68	70	71	74	77	79	74	76	77	76	82	74	83	73	64	74	75	77	71	65	52	71.9
	Minimum	32	34	31	37	41	38	49	47	43	38	33	32	41	42	36	43	55	64	62	50	42	40	40	33	29	41	42	45	55	47	40	42.0
Reading[1]	Maximum	60	69	78	75	77	80	79	76	65	67	72	73	74	81	80	81	80	80	77	80	86	81	86	64	67	77	78	74	74	65	51	74.3
	Minimum	36	45	41	45	54	49	53	56	55	45	45	45	53	53	47	55	61	67	65	58	58	52	52	40	34	53	50	61	56	51	45	51.0
Ridgway/	Maximum	61	67	75	80	80	82	83	82	70	70	74	80	80	81	85	84	83	76	65	79	83	82	82	68	77	77	81	70	55	55	52	74.8
	Minimum	23	26	30	30	38	40	42	42	37	33	35	36	39	43	35	34	39	52	58	35	34	35	37	25	27	35	42	42	49	45	41	37.4
Scranton[1]	Maximum	54	62	70	75	74	80	80	76	65	70	73	77	76	74	81	84	80	74	74	73	77	79	82	64	65	76	77	72	71	56	47	72.2
	Minimum	32	39	38	40	43	47	47	49	47	39	41	41	46	51	43	46	58	65	63	52	46	45	46	35	31	51	46	55	56	46	40	45.9
Selinsgrove	Maximum	61	68	71	74	75	78	78	73	68	69	73	76	76	76	80	82	74	78	72	78	82	85	85	75	64	75	78	68	70	63	54	73.5
	Minimum	27	33	33	61	61	46	47	49	51	43	48	40	44	46	38	45	54	62	54	44	46	42	41	34	29	45	48	52	41	44	44	$44.9
Shippensburg	Maximum	62	70	76	79	80	83	81	78	65	67	75	75	80	81	82	79	74	79	78	80	85	82	88	73	66	79	79	70	71	59	52	75.2
	Minimum	28	35	36	39	40	42	40	50	51	50	43	48	46	49	39	52	59	59	58	50	52	46	46	36	35	49	46	55	56	41	45	45.8
Somerset	Maximum	58	64	75	77	78	80	78	75	66	67	70	74	80	76	79	72	75	71	62	73	78	83	70	63	74	76	77	65	59	50	48	70.4
	Minimum	17	20	25	31	35	35	33	41	48	47	37	46	42	42	30	49	48	50	50	39	33	32	30	30	32	48	35	45	45	40	42	38.0
Springs[6]-1 SW	Maximum	57	63	72	75	74	76	78	69	61	64	66	66	76	73	74	70	73	70	63	71	76	82	78	62	70	75	72	60	58	48	47	68.0
	Minimum	20	28	31	38	38	39	39	44	48	50	43	46	43	40	36	57	58	53	53	41	41	41	38	37	35	34	44	40	52	45	37	44	41.4
State College[1]	Maximum	59	65	71	74	75	79	77	79	62	60	70	72	78	75	79	74	74	76	67	77	81	80	81	61	66	74	75	65	63	54	50	70.7
	Minimum	30	41	36	43	47	47	47	48	49	46	38	48	51	51	42	50	60	59	58	51	59	49	46	35	46	50	49	58	46	45	44	47.4
Stroudsburg-2 E	Maximum	58	70	72	75	79	81	81	79	71	69	75	77	70	82	82	85	83	78	78	80	86	78	85	65	65	78	78	76	73	56	48	$74.6
	Minimum	27	37	33	36	40	43	40	45	48	32	36	36	40	45	36	40	44	60	60	44	44	40	40	32	24	40	44	44	54	50	45	41.3
Tamarack/-2 S	Maximum	54	62	70	73	75	78	78	77	64	56	61	71	75	77	81	78	76	74	61	76	80	81	79	58	65	75	74	59	54	50	45	69.0
	Minimum	26	27	39	45	49	50	51	51	39	39	41	42	48	45	45	55	58	58	56	44	45	53	54	30	31	40	51	54	48	41	40	45.1
Tionesta/-1.5 SE	Maximum	56	64	72	77	77	78	80	69	70	71	73	77	73	79	83	80	82	69	65	75	77	80	78	60	68	75	75	78	57	54	54	71.8
	Minimum	28	32	33	40	44	48	48	45	44	37	40	41	46	47	39	40	41	43	60	38	38	32	40	30	37	42	42	44	46	43	44	41.1
Titusville-2 S	Maximum	55	62	69	77	75	78	81	77	63	70	71	77	74	74	82	79	79	69	64	73	78	78	76	63	72	74	76	66	61	54	51	70.9
	Minimum	24	28	30	43	49	46	44	43	39	32	38	49	54	36	34	42	57	58	59	36	40	39	43	33	44	53	43	53	48	43	43	42.7
Towanda-1 E	Maximum	58	67	71	79	80	83	83	82	66	69	71	78	81	75	81	83	80	81	75	76	80	79	84	64	70	77	79	69	68	56	51	74.1
	Minimum	26	34	32	36	41	43	42	42	41	33	35	37	43	41	35	36	49	58	56	42	40	37	39	27	25	47	43	52	53	49	42	40.5
Tunkhannock/	Maximum	57	65	72	76	77	81	81	77	66	70	78	76	77	74	81	84	81	76	76	74	78	80	82	63	64	77	79	72	71	55	47	$73.1
	Minimum	26	34	38	34	44	43	42	42	42	30	34	35	36	45	35	36	50	55	57	42	38	37	40	29	24	45	42	44	55	49	41	$40.0
Uniontown	Maximum	57	67	75	81	81	82	85	78	73	74	82	80	81	77	88	85	80	74	68	75	82	85	84	69	77	81	85	72	63	55	50	75.5
	Minimum	27	30	35	42	47	48	45	51	58	57	55	60	51	55	44	64	65	63	61	52	42	42	41	51	51	55	47	56	52	49	47	49.8

Continued on page 80.

Daily Temperatures for October 1947—Continued from page 79.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	60	68	75	80	82	84	86	73	69	75	78	81	79	81	87	84	85	83	77	80	83	85	79	68	78	79	83	70	63	59	53	76.4
	Minimum	29	33	31	43	41	46	46	45	37	34	39	38	53	44	37	40	54	53	48	38	38	41	40	29	42	43	45	35	49	46	43	41.3
Waynesburg	Maximum	58	68	76	80	81	82	83	74	73	73	80	78	82	78	84	82	78	76	73	78	81	85	84	70	76	80	79	74	64	54	52	75.4
	Minimum	20	22	28	35	40	40	37	40	52	41	41	50	45	45	33	46	47	57	57	44	34	34	33	40	39	44	38	54	50	47	37	40.9
Wellsboro/	Maximum	58	65	75	79	80	81	83	81	66	70	75	77	80	78	85	85	79	82	69	79	80	84	81	63	72	77	79	62	62	53	45	73.7
	Minimum	22	22	26	26	35	41	41	40	36	30	32	34	35	39	33	32	33	55	54	35	35	37	37	26	27	39	41	42	51	45	44	36.3
Wellsville	Maximum	61	70	74	85	78	80	84	82	77	69	71	80	76	78	80	77	76	78	78	79	85	82	87	78	66	75	77	68	72	62	53	§75.4
	Minimum	27	32	32	35	41	48	39	46	49	51	40	44	45	45	37	52	55	62	59	44	40	41	37	33	28	44	42	50	58	38	44	§43.2
West Chester	Maximum	65	67	72	76	76	79	80	75	69	72	72	73	72	77	81	76	75	78	78	77	86	79	85	69	68	77	77	76	76	67	53	74.3
	Minimum	32	37	41	42	47	46	54	59	55	47	46	46	52	52	49	59	62	65	66	55	52	52	51	40	38	47	52	55	60	49	43	50.0
Wilkes-Barre Arpt. 1-3N.	Maximum	55	64	70	74	74	78	79	75	66	70	73	76	77	75	81	82	79	73	73	73	77	79	82	65	64	76	77	71	69	59	45	72.0
	Minimum	30	38	38	41	49	49	48	52	46	40	40	43	47	49	44	52	60	65	61	52	52	46	45	33	34	51	50	58	54	45	39	46.8
Williamsport Arpt. 1-4 E	Maximum	61	68	70	74	74	79	80	79	65	67	73	73	76	79	81	81	72	76	70	80	86	79	84	63	64	75	76	68	66	58	51	72.5
	Minimum	31	37	33	37	43	44	44	46	40	38	38	41	46	45	40	42	55	63	60	46	44	44	41	31	31	48	44	60	53	48	43	43.8
Williamstown	Maximum	60	68	73	75	76	81	80	75	65	68	71	75	78	79	83	78	79	79	74	77	84	81	84	78	67	78	78	70	69	64	52	74.0
	Minimum	30	32	31	39	43	44	40	48	52	46	37	41	46	49	37	46	55	65	57	56	45	42	42	32	29	48	44	56	54	43	45	44.4
York-3 SW	Maximum	63	72	71	79	80	85	84	78	74	75	77	73	77	82	85	78	79	80	79	80	89	85	89	82	69	77	80	72	75	67	53	77.1
	Minimum	26	34	33	34	46	42	41	52	48	49	41	45	46	46	38	54	58	66	62	48	42	43	42	36	31	47	46	59	60	41	46	45.2

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.52	1	29.75	19	7.5	19	ne.	23	85	66	81	69	154
Harrisburg	30.53	24	29.78	19	5.5	16	s.	4	83	47	64	68	139
Philadelphia	30.53	24	29.75	19	6.5	20	ne.	31	88	52	74	70	90
Philipsburg	30.51	1	29.83	19	.....	28†	w.	28	91	56	77	.....	341
Pittsburgh	30.52	1	29.82	18	7.8	26	w.	28	83	47	56	51	126
Reading	30.55	25	29.78	19	7.5	30	n.	23	81	.....	.....	69	121
Scranton	30.56	24	29.74	19	4.7	20	nw.	23	84	51†	.....	71	194

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. ‡ One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	1.9	2.5	31	1.1	26†	18
Easton	Delaware	0.8	1.7	31	0.1	28	22
Lehighton	Lehigh	2.5	3.2	31	2.4	17	9
Reading	Schuylkill	3.5	5.7	29	3.2	28	13
Wilkes-Barre	N. Br. Susquehanna	1.4	1.8	1	1.1	26	22
Williamsport	W. Br. Susquehanna	0.3	0.5	1	0.2	28	20
Newport	Juniata	3.2	3.4	31	3.1	25	22
Harrisburg	Susquehanna	3.1	3.2	1	3.0	28	17
Schenley, (nr) Lock No. 5.	Allegheny	11.6	11.9	31	11.5	16	24
Sutersville	Youghiogheny	2.6	3.2	31	2.4	27	20
Charleroi (nr.), Lock No. 4	Monongahela	10.9	11.2	1	10.7	14	30
Pittsburgh	Ohio	•	•		•		25
Midland, Dam No. 7	Ohio	9.4	9.5	5	9.2	2	30

* Pool stage † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras	1	2	1						1	2	2				1					1											
Fog, heavy		5	5	6	4	12	13	8		8		7	16	6	7	16	12	11	10	3	3	6			10	5	7	4	3		
Frost, killing																															
Glaze																															
Hail																												1			
Rain, heavy																												1			
Sleet																															
Snow, heavy																															
Thunderstorms													1					10	4									16	9	3	
Winds, high																	2		2			5	4				2	3			2

(W. B. O., Philadelphia—1-16-48—1100)

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
•, [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
• Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

51.05
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA

VOL. LII. NOVEMBER 1947. No. 11.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
REMIT DIRECTLY TO SUPERINTENDENT OF DOCUMENTS WASHINGTON, 25 D. C.

GENERAL SUMMARY.

In contrast to the pleasant weather of October, this month was unpleasantly cold and wet. This was the coldest November since 1933, and the eighth coldest and tenth wettest of record. Ordinarily the drop in temperature between October and November is about eleven degrees. This year it was a full twenty degrees. Precipitation was more than three times that of the previous month. Snowfall was slightly above normal and was concentrated generally in the last week, but distribution was spotty. The area around Erie had heavy falls of snow. Windiness was in considerable evidence, especially around the 24th and 25th. Sunshine and cloudiness were about normal.

The first decade was the warmest in most localities, showing an excess above the normal, especially in the southeast. The highest temperatures were recorded in this period, most stations observing maxima in the 60's on at least one day. After the first decade, temperatures became progressively lower, and the lowest minima occurred at the close, with temperatures below 20° not uncommon.

Precipitation occurred most generally in the first half, but in some sections the amounts were evenly spaced through the month, with snow quite common in the last week. Erie had a total of 35 inches, a November record, the previous record being 19 inches. Twenty inches fell in one storm on the 25-26th, the greatest of record for a single storm at Erie for any month except December. Greater amounts were reported in other places in the vicinity of Erie. Main streets and highways were kept open, a remarkable achievement in view of the heavy fall and drifting; but Port Erie Airport was closed from the 26th to the end of the month, due to the inability to clear the runways. The heavy snowfall was confined to an area within a 75 mile radius of Erie, and was probably due to instability as the cold air moved over the warm Lake waters. A single flash of lightning that occurred during a snow shower on the 25th gave evidence of the turbulence in the vicinity.

Windiness was rather high and windy periods evenly distributed over the entire period. At Uniontown a destructive wind on the 15th, following an occluded frontal passage, caused damage to roofs, telegraph and telephone lines, and glass windows, particularly in the business district. Some high winds occurred also with another occlusion on the 24th and 25th, following the lowest barometric pressure of the month.

In spite of the cold of November, the autumn season turned out to be about one degree above normal, and the heavy rainfall could not counteract the deficiency which had accumulated in September and October. The seasonal deficiency was 1.66 inches.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 81 stations was 38.3°, which is 3.0° below the 60-year normal for November. The highest monthly mean was 46.6° at Marcus Hook and the lowest was 32.8° at Curwensville. Extremes ranged from a maximum of 71° at Marcus Hook on the 5th to a minimum of 0° at Philipsburg on the 30th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 220 stations, was 4.22 inches, which is 1.32 inches above the 60-year normal for November. The greatest monthly amount was 9.02 inches at West Chester, while the least was 1.90 inches at Covington. The greatest amount recorded in any 24 consecutive hours was 4.62 inches at West Chester on the 3d-4th.

The average snowfall for the State was 3.5 inches, which is 0.8 inch above the 60-year normal. The greatest monthly snowfall was 35.1 inches at Erie. The greatest fall for any observational day was 15.2 inches at Erie on the 25-26th.

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	42.2	79	4	3.37	2.1	11	9	7	14
1889	41.8	73	10	6.72	0.7	15	5	8	17
1890	41.8	78	10	1.49	0.5	8	9	10	11
1891	39.7	76	6	2.65	1.2	9	9	8	13
1892	39.0	80	10	4.34	8.6	12	6	8	16
1893	39.2	68	−4	2.93	2.4	8	8	11	11
1894	38.2	74	6	2.50	5.3	9	10	9	11
1895	42.9	78	6	2.48	0.5	10	10	8	12
1896	46.0	83	12	3.55	1.1	10	8	9	13
1897	41.6	76	2	5.28	2.6	14	6	8	16
1898	40.0	73	8	4.03	6.9	11	8	9	13
1899	41.5	72	7	2.66	1.2	7	10	8	12
1900	43.5	79	7	4.10	3.1	12	6	9	15
1901	46.0	76	9	2.56	3.1	8	7	8	15
1902	47.3	78	0	1.53	1.5	8	10	8	12
1903	36.9	78	2	2.18	1.4	7	11	8	11
1904	38.8	79	−4	1.14	3.5	6	10	9	11
1905	39.1	68	5	2.47	0.9	9	11	8	11
1906	41.5	80	9	1.48	4.0	8	12	6	12
1907	39.8	70	4	3.60	2.9	10	13	8	9
1908	41.2	75	−2	0.90	5.0	5	12	8	10
1909	46.4	80	15	1.40	1.9	7	12	8	10
1910	36.8	68	9	2.45	8.5	11	4	7	19
1911	37.8	77	7	2.84	3.7	10	7	7	16
1912	45.0	81	7	2.17	1.9	7	10	8	12
1913	43.9	79	10	3.05	4.5	11	10	5	15
1914	40.6	81	−2	1.76	1.5	6	12	9	9
1915	42.1	79	13	2.18	1.3	10	10	9	11
1916	41.3	79	4	2.27	1.6	9	13	6	11
1917	37.6	69	−5	0.63	1.4	5	14	7	9
1918	42.1	76	11	2.03	T.	7	12	6	12
1919	41.2	76	11	5.35	2.3	12	11	7	12
1920	40.3	75	5	3.54	4.5	11	7	7	16
1921	42.3	80	3	5.75	1.4	16	5	7	18
1922	42.9	73	12	1.21	1.8	9	10	7	13
1923	40.7	70	10	2.83	0.3	10	12	5	13
1924	40.7	78	−9	1.54	2.9	7	12	8	10
1925	39.5	71	4	3.56	2.2	10	11	7	12
1926	40.4	79	−1	4.49	0.9	10	9	7	14
1927	46.2	85	10	4.95	1.8	14	7	7	16
1928	43.4	81	4	2.32	2.3	12	7	8	15
1929	41.1	81	−10	3.39	1.9	12	8	8	14
1930	42.0	75	−15	1.48	2.3	9	10	7	13
1931	49.2	80	12	1.52	2.9	9	10	8	12
1932	39.4	75	−2	4.75	0.3	10	12	7	11
1933	38.1	83	−11	1.55	7.0	11	8	7	15
1934	44.9	80	6	3.61	1.8	12	9	7	14
1935	44.4	85	5	3.84	2.5	12	7	6	17
1936	38.6	78	2	2.40	3.4	8	9	8	13
1937	40.7	79	−3	2.56	2.0	11	11	7	12
1938	42.7	87	−13	3.10	10.9	10	13	7	10
1939	39.7	76	11	0.97	1.6	5	15	6	9
1940	41.3	78	9	4.04	5.8	13	6	6	18
1941	44.1	83	9	2.48	0.2	7	11	7	12
1942	41.8	82	0	3.35	1.8	14	9	8	13
1943	38.7	79	7	2.87	2.2	9	9	8	13
1944	41.6	78	7	2.81	3.2	12	6	7	17
1945	42.0	85	5	5.25	2.4	16	7	7	16
1946	44.7	83	11	1.26	T.	9	10	8	12
1947	38.3	71	0	4.22	3.5	13	8	7	15
Period	41.3	87	−15	2.90	2.7	10	9	8	13

Climatological Data for November 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days					Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy	Prevailing direction of wind	
Atlantic Drainage																				
Allentown Arpt. 9-4 NE	Lehigh	384	6	39.8	+2.2	60	6	19	30	4.46	+1.61	1.71	8	T.	10	9	6	15	nw.	U.S. Weather Bureau.
Altoona-1.5 W.	Blair	1,500	61	37.2	−3.3	59	8	13	27†	4.78	+2.37	1.22	24	4.3	14	9	10	11	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	950	5	*40.0*						2.89		1.31	3-4	T.	7	7	6	17	w.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	7	34.8		63	1	13	30	3.20		1.10	7-8	2.8	13	12	4	14	ne.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	40.4	−1.2	66	6	18	29	5.58	+2.45	1.88	3-4	3.0	11	11	5	14	nw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	51	40.4	−2.5	63	5†	19	30	5.07	+2.28	1.82	11	0.4	9	9	15	6	w.	Charles A. Bender.
Coatesville	Chester	431	59	40.4	−3.0	63	6†	17	27	6.14	+2.90	1.81	3-4	T.	10	11	4	15	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	4	32.8		52	1	5	30	4.45		1.47	24-25	7.2	17	6	2	22	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	5	33.7		60	3	10	30	4.64	+0.36	1.48	7-8	0	12	8	7	15	nw.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	9	36.0		55	6	14	30	6.04	+2.72	2.07	3-4	2.8	12	4	7	19	w.	U. S. Weather Bureau.
Emporium-1 E.	Cameron	1,100	60	37.0	−2.3	67	7	14	30	3.79	+0.85	1.01	24	0	12	3	6	21		R. E. Palmateer.
Ephrata	Lancaster	365	49	43.0	−0.5	62	6	22	7	6.52	+3.88	2.33	3-4	T.	11	8	9	13	nw.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	24	38.1	−2.6	66	1	15	30	3.22	+1.11	0.67	24	T.	14	4	9	17	se.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	53	36.0	−1.5	57	1†	13	30	3.13	−0.64	1.53	7-8	2.1	13	6	2	22	s.	Andrew B. Evansha.
George School	Bucks	184	40	41.2	−2.8	61	6†	18	30	6.31	+3.25	2.05	8	T.	7	15	9	6	nw.	George M. Hart.
Gettysburg	Adams	553	73	42.6	0.0	63	5†	22	30	5.60	+2.76	1.43	11-12	0.5	12	11	12	7	nw.	Dr. Henry Stewart.
Gordon	Schuylkill	960	42	36.4	−3.7	59	3	13	30	6.96	+3.56	2.46	7-8	T.	11	11	3	16	e.	Miss Sallie M. Johnson.
Hanover	York	600	42	42.1	−2.9	64	6†	20	30	4.91	+2.42	1.58	3-4	1.0	12	8	7	15	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	77	41.5	−1.3	60	7	23	30	5.59	+3.33	1.98	8	2.9	9	5	12	13	nw.	U. S. Weather Bureau.
Hawley-0.5 E.	Wayne	980	36	36.8	−2.5	60	2	13	30	4.93	+1.94	2.08	8	1.1	12	10	9	11	nw.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	31	43.0	−2.3	61	6†	23	30	3.52	+1.06	1.05	7-8	T.	11	10	6	14	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	39.6	−2.1	63	1	15	30	4.14	+1.68	1.03	24	T.	9	9	6	15	w.	Paul R. Yoder, Jr.
Lancaster	Lancaster	255	59	41.2	−2.0	62	6	19	27†	4.74	+2.09	1.57	7-8	T.	14	12	6	12	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	49	37.3	−1.9	64	2	13	30	2.49	+0.39	1.02	8	3.0	9	10	6	14		Carlos P. Darling.
Lebanon	Lebanon	469	62	40.0	−2.7	60	5†	21	30	6.09	+3.14	1.76	3-4	0.5	10	14	10	6	e.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	8	40.0		62	6	19	30	4.39		1.51	3-4	1.0	11	12	5	13	w.	American Viscose Co.
Lock Haven	Clinton	557	55	38.4	−3.3	60	3†	15	30	3.13	+0.59	0.91	8	5.0	12	12	3	15	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	46.6	−1.5	71	5	26	30	6.85	+3.70	2.75	3-4	T.	10	10	6	14	nw.	Sun Oil Co.
Martinsburg[3]	Blair	1,493	4	37.1		55	5	14	30	3.60		1.09	24	T.	9	5	6	19	w.	U. S. Weather Bureau
Montrose-3 E.	Susquehanna	1,176	41	34.4	−1.1	61	2†	11	30	4.37	+1.60	1.93	8	8.5	13	9	4	17	nw.	Harry S. Faucher.
Mt. Pocono Arpt -2 N.	Monroe	1,914	5	34.2	−2.1	56	2	11	27†	5.91	+2.57	2.72	8	0.3	13	6	9	15	nw.	U. S. Weather Bureau.
Palmerton	Carbon	450	28	38.4	−3.3	58	8	16	30	5.09	+2.03	2.18	8	T.	9	7	5	18	ne.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	76	45.0	−0.7	63	4	27	30	6.57	+3.87	2.21	3-4	T.	10	7	11	12	ne.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	4	33.3		53	6	0	30	6.08		1.45	24	6.2	15	6	6	18	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE.	Chester	100	37	44.1	+0.2	67	4	18	30	8.05	+4.86	3.12	3-4	T.	10	15	6	9	w.	Phila.-Suburban Water Co.
Port Clinton††	Schuylkill	407	8	39.2	−2.6	60	6	20	30	6.27	+3.46	1.82	8	T.	9	15	3	12		Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	61	39.9	−1.5	61	6	18	30	5.27	+2.02	1.88	8	T.	9	12	7	11	nw.	John E. Benner.
Reading	Berks	273	76	42.8	−1.1	62	6	24	30	6.84	+3.61	1.80	3-4	T.	10	9	7	14	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	38.9	−1.6	61	3	20	30	3.60	+0.83	1.39	8	1.3	13	4	11	15	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	56	39.7	−2.1	60	2†	17	30	4.01	+1.17	1.28	8	1.0	10	14	8	8	nw.	Dr. Merle V. Hoover
State College	Centre	1,217	61	37.7	−2.4	58	5	14	30	5.01	+2.51	1.35	7-8	5.3	10	5	9	16	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	27	38.4§	−2.7	62	2†	10	30	6.31	+2.57	2.62	8	T.	8	13	8	9	w.	Metropolitan Edison Co.
Tamarack-3 S.	Clinton	2,250	6	33.4		54	2	10	30	3.55		1.03	7-8	6.3	12	5	7	18	w.	James E. Swartz.
Towanda-1 E	Bradford	754	52	37.6	−2.3	61	3	13	30	3.26	+1.01	1.15	7-8	0.8	11	6	14	10	e.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	76	34.6	−3.0	65	2	9	30	3.10	+0.50	1.07	24	2.3	13	10	4	16	s.	M. S. Bliss.
West Chester	Chester	440	97	42.1	−1.2	64	6	22	27	9.02	+5.48	4.62	3-4	T.	11	10	13	7	nw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	8	37.7		66	3	18	30	4.10		1.74	8	T.	11	4	8	18	sw.	U.S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	2	38.2		63	3	13	30	3.34		1.13	7-8	1.8	11	9	5	16	w.	U. S. Weather Bureau.
Williamstown	Dauphin	775	30	39.2	−3.0	60	1†	17	21	6.42	+2.56	2.22	8		8	10	3	17		Gordon E. Lower.
York-3 SW	York	390	58	42.1	−1.3	65	6	18	30	5.99	+3.38	1.73	7-8	0	13	12	5	13	nw.	York Water Co.
Division mean				**38.9**	**−3.1**	**71**	**5**	**0**	**30**	**4.98**	**+2.13**	**4.62**	**3-4**	**1.5**	**11**	**9**	**7**	**14**	nw.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	11	36.0		57	10	12	30	3.56	+0.53	0.87	24	7.2	16	2	6	22	nw.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	29	34.6	−4.2	59	2†	11	29	3.42	−0.08	0.73	24	14.0	16	3	8	19	se.	City Water Dept.
Brookville Apt.-1.5SW.	Jefferson	1,400	56	35.4	−2.3	57	1	9	29†	3.19	+0.13	0.93	24	3.4	15	4	6	20	w.	Civil Aeronautics Authority
Butler	Butler	1,077	33	39.0	−2.2	58	2	7	30	3.09	+0.25	0.66	3-4	3.2	15	4	10	16	sw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	36	35.9		57	1	10	30	3.56	+0.56	1.04	3-4	6.0	16	6	3	21	w.	Penna. Electric Co.
Claysville	Washington	1,170	43	39.3	−2.8	61	10	8	30	3.25	+0.77	0.83	24	0.8	12	7	4	19	nw.	Walter B. Paget.
Corry	Erie	1,410	32	36.6	−2.1	62	1†	16	27	4.10	+0.16	0.77	10-11	33.4	16	0	15	15	sw.	Geo. R. Mulderick.
Coudersport	Potter	1,653	22	34.8	−2.0	66	1	12	29	3.95	+1.02	1.26	11	8.5	13	7	9	14	s.	Potter Enterprise.
Derry	Westmoreland	1,150	49	40.3	−2.0	63	10	16	30	3.54	+0.72	0.90	24	0.9	13	11	6	13	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	35.1		60	3	6	30	3.93		1.20	24	3.0	16	3	8	19	w.	Penna. Turnpike Comm.
Donora	Washington	761	20	43.0	−2.2	63	10	18	30	3.61	+1.18	1.33	24	0.1	11	6	7	17	w.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	34.8	−3.8	55	2	10	30	4.04	+0.99	1.46	24	5.0	15	6	8	16	sw.	John L. McGough.
Farrell	Mercer	855	33	40.6	−1.0	61	1	17	30	2.54	+0.16	0.37	3-4	2.0	10	7	8	15	se.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	3	36.8		57	1†	12	27†	2.56		0.69	11-12	1.5	15	11	0	19	w.	U.S. Engineers.
Franklin	Venango	987	72	37.2	−2.4	63	1	17	27†	3.50	+0.39	0.82	2	6.0	18	9	3	18	w.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	37	39.3	−3.5	63	10	13	30	3.66	+1.07	1.00	24	1.2	11	8	4	18	sw.	Westmoreland Water Co.
Indiana-2.5 SE.	Indiana	1,102	45	37.7	−3.6	58	1†	4	30	3.66	+0.73	1.37	24	1.3	15	2	10	18	nw[5]	Clymer Water Service Co.
Johnstown-2 NW	Mercer	1,050	5	36.8		62	1	11	28	2.13	−0.45	0.62	3-4		19	5	11	14	ne.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	40.0	−2.0	61	10	18	30	2.95	−0.02	0.48	24-25	3.1	14	7	7	16	s.	Johnstown Tribune Pub. Co
Kane 1 N	McKean	1,750	31	33.0		57	1†	1	30	3.47	0.00	1.03	24	11.9	16	6	4	20	w.	Spring Water Co.
Meadville-1 S.	Crawford	1,065	52	36.1	−2.9	60	1	11	28	2.95	−0.45	0.73	3-4	9.1	19	5	6	19	sw.	City of Meadville.
Midland	Beaver	780	10	39.4	−2.8	62	7	14	30	2.43	−0.06	0.66	3-4	0.3	13	8	8	14	se.	Perry P. Campbell.
New Castle-1.5 N.	Lawrence	900	66	38.0	−2.5	60	1	9	29	2.48	+0.02	0.53	3†	1.9	16	5	8	17	nw.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	13	39.2	−2.0	61	10	16	30	3.09	+0.80	0.81	24	0.6	11	4	9	17	sw.	U. S. Weather Bureau
Putneyville-2.5 SE	Armstrong	1,270	3																	U. S. Engineers.
Ridgway	Elk	1,385	39	35.0	−3.0	60	1	9	30	3.06	+0.13	0.87	24-25	3.5	16	9	2	19	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	36.0	−2.7	62	11	7	30	3.75	+0.52	1.07	23-24	4.5	15	5	3	22	sw.	D. L. Grove.
Springs 1 SW	Somerset	2,500	27	35.2	−3.3	58	10	3	30	3.51	+0.46	0.71	15	4.9	14	3	6	21	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	9	35.9		60	1	11	30	3.46	+0.43	0.73	24-25	4.4	16	11	0	19	sw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	3	35.8		58	2	14	27	3.95		0.85	11	11.0	16	2	17	11	se.	U. S. Weather Bureau
Uniontown	Fayette	1,040	58	42.7	−1.2	63	10	19	30	3.12	+0.06	0.83	24	0.5	15	7	6	17	sw.	William W. Marsteller.
Warren	Warren	1,196	58	37.0	−2.3	64	1	16	27†	2.27	−1.20	0.53	7-8	16.0	15	10	8	12	sw.	Merrell L. Jordan
Waynesburg	Greene	1,100	17	39.1	−4.2	64	10†	9	30	2.79	+0.37	1.05	3-4	T.	13	4	12	14	w.	Mfr's Light & Heat Co.
Division mean				**37.4**	**−3.5**	**66**	**1**	**1**	**30**	**3.27**	**+0.44**	**1.46**	**24**	**5.5**	**15**	**6**	**7**	**17**	w.	
Lake Drainage																				
Albion	Erie	900	3																	Albion High School
Erie	Erie	705	73	40.0	−1.4	60	2	21	30	6.22	+2.92	1.27	25-26	35.1	16	4	5	21	sw.	U. S. Weather Bureau.
State mean				**38.3**	**−3.0**	**71**	**5**	**0**	**30**	**4.22**	**+1.82**	**4.62**	**3-4**	**3.5**	**13**	**8**	**7**	**15**	w.	

[See page 88 for explanation of reference marks.]

Daily Precipitation for November 1947

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	.04			.12	1.41	.19		.64	1.69			1.08											14		.59	T.						5.90
Equinunk[2]	Wayne	.15			.21	.26	.20		.65	1.36			.96				.02	.03	T					.15		.96	.03			T			5.18
Hawley[2], 0.5 E	Wayne	.04			.09	.41	.49	.09	.72	1.31			.91				.04		T.					.12		.65	.03		T.		T		4.93
Hollisterville[2]	Wayne					.41	.46	.02	.70	.92			.85				.04	.02	.01					.08		.28	.40			T	.01		4.29
Lakeville[2], 1 N	Wayne	T			.22	.25	.53	T.	.84	1.00			.92				T.	T.	T					.06	.64	.01	T.	T.		T.	T.		4.53
Matamoras[2]	Pike	.12			.11	1.54	.31		.25	1.76			1.12											24		.57							6.10
Milanville[2]	Wayne				.19	.42	.27		.50	1.27			1.06				.03							19		.73				.04			4.70
Mount Pocono[1], 2 N	Monroe			.02	.75	.07	.02	.01	2.72			1.34	.11			.04	T.	T.					.10	.07	.62	.01	T	T	T	T.	T		5.91
Pecks Pond[2]	Pike				.67	.13	.25	.04	2.00	.56			1.62			.04								19		.64	.16	.06		.04			6.44
Pleasant Mount[1,5], 1 W	Wayne				.46	.18	.07		2.00			.70	.10			.06							.01	.03	.80					.09			4.50
Stroudsburg, 2 E	Monroe				.40	.24	.07		*	2.62			1.60				T.							.50		.88	T.			T	T		6.31
Tanners Falls[1,5], 1 SE	Wayne				.48		.26	.01	.02	1.59		.75	.11			.07							.11	.09	.58	.24							4.36
Wind Gap[1,5], 3 SW	N'rthampton			.08	.18				1.90			1.25	.11				.07						.18	.15	.85								4.75
LEHIGH																																	
Allentown Apt[1,5], 4 NE	Lehigh			.04	.49	T.			1.71			.82	.12			.04	.01						.20	.14	.89				T	T.			4.46
Allentown[2]	Lehigh	.01			.80	.10	.01		.77	.98			1.04				.08						.18	.29	T.	.95				T.			5.03
Bethlehem[1]	N'rthampton			.05	.38	T			1.58			.96	.13			.06	.01						.10	.10	.04	.66							1.39
Blakeslee Corners[1,5]	Monroe				*	*	*	*	2.76			.89	.05			.04	.05							.17		.67	.03		.01	T.	.02		4.59
Gouldsboro[2]	Wayne	.15			.17	.26	.17	.05	.98	1.27			.97				.09							.18		.68			.02	T			5.01
Lansford[2]	Carbon	T.			.90	.52			*	2.34			1.41				.12							.18		.68				T			6.17
New Tripoli	Lehigh	.01			1.23		.01		1.86			.27	1.10			.07	.07						.08	.24	1.01				T.	T.			5.95
Palmerton[1,5]	Carbon			T	.61	.02			2.18			1.25	.02			.02							.12	.08	.79				T.	T.			5.09
Zionsville, 1 SW	Lehigh				.95				1.70			.05	1.32				.15						.10	.40	.85	.10							5.60
SCHUYLKILL																																	
Conshohocken[2]	Montgomery		.07		1.7		.28		.91	1.00			1.64				.09							.55		.35							6.16
Fredericksville[2], 1 S	Berks	.02			1.46	.65			1.00	.67			1.19				.09							.35	.07	.98	.10		T.	T	T.		6.58
Geigertown[2]	Berks				*	2.80			*	1.34			.93				.09							.30		.65							6.11
Gratersford[2]	Montgomery	.09			1.18	.68	.08		.67	.94			1.23				.16							.46		.63							6.07
Phoenixville[2], 1.5 SE	Chester	.08			1.65	1.47	T.		.85	1.57			1.24				.10							.54	.10	.45							8.05
Port Clinton[2]	Schuylkill				.82	.81			1.56	.26			1.32				.14						.26		.02	1.08				T.			6.27
Pottstown[2], 0.5 S	Montgomery				1.62	.81			1.72				1.13				.11							.36		.61							6.36
Pottsville[2]	Schuylkill				1.75	.65			1.50	.55			1.40				.22							.22		.78			T.	T.			7.07
Reading[1,5]	Berks			.40	1.40	.02	f		1.63			1.25				.13	.02						.17	.11	1.21				T.				6.34
Strausstown[2]	Berks	.03			2.61	.60			.87	.71			1.11				.18							.28		1.14				T.				7.03
Virginville[2]	Berks	T.			.82	.79	.03		1.16	.78			1.17				.13							.34		1.27				T	T.	T.		6.43
Wernersville	Berks			.06	2.44		.05		1.68			.31	.98			.18	.04						.07	.26	1.42				T.	T			7.49
LOWER DELAWARE																																	
Coatesville[2]	Chester	.05			1.81	.13	.13	T.	1.10	.65			1.15				.16	T						.56	T	.40							6.14
Doylestown	Bucks				1.88				1.71			.01	1.29			.02	T.						T	.43	.34	.01							5.69
George School[6]	Bucks			.08	1.68				2.05			.06	1.50			.05							T		.82								6.31
Maple Glen[2]	Montgomery	.13			1.85	T.			1.67	T.			1.50				.05							48	.13	.16							5.97
Marcus Hook[2]	Delaware	.07			2.07	.68	.02		.81	.87			1.28				.09							.47	T.	.19					T.		6.85
Philadelphia																																	
Southwest Airport, 1	Philadelphia			.47	.66	.21		T.	1.64			.93	.17			.08	T						.11	.38	.58				T.	T			5.24
City Office[1,5]	Philadelphia			1.03	1.18	.23			1.78			.75	.42			.07	T.						.08	.46	.63				T				6.57
Shawmont	Philadelphia			T	1.90	T.	.10		T.			.05	1.98			*	.10						.59	T.	.40					T.			5.12
Quakertown, 0.5 E	Bucks				.94				1.88			.11	1.21			.03	.06							.41	.54	.09			T.				5.27
West Chester	Chester			12	1.50		.13		1.87			.18	1.10			.13	.01						.04	.61	.38	T.							9.02
West Grove[2], 1.5 SE	Chester				2.00	T.	.09		*	2.10			.98				.15							.61	T.	.35							6.23
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1,5], 2 W	Tioga			01	.83	.07			.48														.06		.21	.10	.02		.02	.01			§§
Covington[2]	Tioga	.01			.21	.04	.03		.65	.04			.70				.05	T.	T.					T		.06	T.			T	.05		1.99
Lawrenceville	Tioga				.42	.14	.12		1.02			.06	.25			.08	.10	T.					T		.30	T	T	T		T.			2.49
NORTH BRANCH																																	
Berwick	Columbia				1.06		.02		1.79			.04	.64			.19								.10	.74	.02				T.			4.60
Canton[2], 1 NW	Bradford	.03			.38	.13	.16	.02	.60	.50			.57				.08							T	T.	.54	T	.04	.02	1	.13		3.20
Danville[2]	Montour				1.14	.33	.02	.04	1.20	.30		.01	.58				.20							.12		.65							4.57
Freeland[2]	Luzerne	.05		.33		.60	.10		1.53	.05			T.	.03	.15		T.	.15						.03		.05	.03				.03		3.13
Hop Bottom[2], 2 S	Susquehanna				.02	.29	.05	.05	.43	1.01			.76				.07	T.						.02		*	.80	T.		*	.04		4.26
Millville[1,5]	Columbia			.05	.98	.06			1.52			.55	.13			.08	.06						.11	.01	.70								3.23
Monroeton[2], 2 S	Bradford	.08			.44	.59	.05	.03	.54	.61	T.		.63				.16	.02	T.					.02	.02	.34	.02	.02	T.	T.	.04		4.37
Montrose[2], 3 E	Susquehanna				.12	.49	.21	.10	.77	1.16			.61				.08	.01	T					.04	T.	.58	.01	T.	T.	T.	.16		3.62
Orwell[2], 3 N	Bradford				.48	.78	.08	.01	.92	.47			.41				.08					T.		.04		.33	T.	T.	T.	T.	.02		5.59
Park Place[1], 1 NW	Schuylkill			.07	1.23	.01	T.	.01	2.10			1.23	.07			.10	T.	T					.06	.02	.67	T.	T.	T.	.01	.01	T		5.07
Pikes Creek[1,5]	Luzerne				1.09	.18			1.57			1.00	.02			.08	.03	.03					.16	.01	.90								4.37
Rush[2]	Susquehanna				.32	.45	.15	.08	1.37	.65			.52				.08	.08						.08		.53					.06		3.60
Scranton[1,5]	Lackawanna				.20	.26	.05		1.39			.84	.10			.01	.03	T.					.05	.02	.58	.08	T	T.	T	.04			4.11
Susquehanna[2]	Susquehanna	T.			.10	.29	.19	.01	.37	1.23			1.00				.15	T.	.61					.19		.55				T.	.02		3.26
Towanda, 1 E	Bradford				1.03	.05	.09	.01	1.15			.12	.19			.04	T.	.02				T.	T.	T.	.53	.03	T	T.	T.	T.	T.		§§
Tunkhannock[2]	Wyoming				.19	.34	.13	.04	1.20	.20			1.03				.03	T.	T.							.83		T.		1			1.10
Wilkes-Barre[1], 3 N	Luzerne				21	T.	.32		1.74			.75	.05			.01	T	T.					.18	.03	.71	.03	T.	T	T.	.04			
WEST BRANCH																																	
Bellefonte[2]	Centre				1.22	.10	.26		.68	T.	.18	.62				.30	T								T.	.39		.19	.24	.11	.16		4.45
Carrolltown[2]	Cambria	T.			.58	.11	.37		.44	T.		.02	.45			.05	.30							.07	.04	1.11	.07	.02	.03	.08	.02		3.76
Carter Camp[2]	Potter				.17	.14	.29		.99	T.			.56				.23							.06	T	.87	T.	T.	T.	.10	.05		3.46
Cedar Run[2]	Lycoming	.02			.23	.11	.06		.94	.27		.01	.49				.12									.75				.04	.08		3.16
Clearfield[2]	Clearfield				.67	.06	.11		.69	.04		.02	.39			T.	.34	.01						.06	.07	1.52	T.	T.	.02	.07	.06		4.23
Coalport[2]	Clearfield				.45	.08	.40		.60				.40				.25							.08	*	1.40	T.	*	*	.10			3.76
Curwensville Apt[1] 6 NW	Clearfield			.58	.35	.10	.01	.13	.51	T.		.66	T.			.25	.04	T.	T.		T.		.03		1.46	.08	.03	.01	.05	.15	.01		4.45
Driftwood[1,5]	Cameron			.17	.49			.03	.98			.28				.03	.13								.74					.03	.03		2.91
Dushore[1,5]	Sullivan				1.11	.06	.03		1.27			.46	.06				.05							.07	.01	.28					*	.10		3.50
Eagles Mere[2]	Sullivan				.43	.59	.11	T	1.01	.47			.94				.11								.17		.59			.10	.03	.09		4.64
Emporium[2], 1 E	Cameron				.36	.08	.04		.97				.93				.22	.03	T.						.08	.21	.80			.03	.04			3.79
English Center[1,5]	Lycoming			.09	.44				1.22			.62	.03			.09	.01								.80				.04	.06			3.40
Galeton	Potter				.25				.79			.40	.32			.16	.01	T.					.05	.02	.98		.07		.01	.06	T.		3.12

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield				.55	.17	.08		.76	.02		T.	.41				.68	T.					.02	.08	.99	T.	.02	.01	.11	.02		3.95
Lock Haven[2]	Clinton	.02			.48	.07	.06		.76	.15		T.	.76				.27						.04		.43		T.	.02	.09			3.13
Medix Run[1, 5]	Elk			.18	.38	.10		.04	.74			.39	.01			.20	.05						.06		.90	.01		.04	.19			3.20
Philipsburg[1, 5, 7 E]	Centre			.93	.46	.08	T	.13	1.13	T.		.99	.02			.47	.01						.09	T.	1.45	.01	.03	T.	.08	.25	T.		6.03
Renovo[2]	Clinton				.72	.32	.15		.98	.06		.05	.50				.17							.05	.03	1.07		T	.03	.02	.05		4.20
State College[1, 5]	Centre			.80	.34	.08		.07	1.28	T.	T	1.09	T.			.42	T.	T.					.02		.87	T.	T.		T.	.04	T.		5.01
Tamarack[2, 2 S]	Clinton	.01			.46	.37	.09		1.03	.03	T.	T.	.52				.19	T.	T					.01	T.	.76	T.	T.	T.	.08	.08		3.55
Trout Run	Lycoming			.18			.10					.24				.30			.08						.44							§§
Tyrone[1, 5, 4 NE]	Blair			1.11	.10	.12		.07	.76			.77				.36	.07						.06		1.48				.06			4.56
Wellsboro[2]	Tioga	.01			.22	.02	.15		.81	.22			.37				.07	.01	T					.10	.01	1.07		T.	T.	T.	.04		3.10
Williamsport Apt.[1, 4 E]	Lycoming			.22	.62	.02	T	.02	1.11			.57	.18			.12	T.	I					.05	T.	.44	T.	T.	T.	T	.04			3.34
Williamsport[2]	Lycoming				.82	.11	.04		.69	.35			.84				.19							.04		.61				T.	.16		3.71
Williamsport[2, 4 SE]	Lycoming	T.			.90	.09			.89	.42	T		1.04				.29		T.					.03		.54	T	.01	T	T.	.05		4.26
JUNIATA																																	
Altoona, 4.5 W	Blair			.35	.86	.04	.18		.83			.34	.20			.43							.19	.02	1.22	T.	.03	T.	.04	.05			4.78
Breezewood[1, 0.5 E]	Bedford			.92	.06	.10			.58			.62				.30							.11		.60				.02				3.31
Buffalo Mills[2]	Bedford				1.27		.06		.23			.11	.34			.20	.36									.38							2.95
Burnt Cabins[1, 2 NE]	Fulton			1.10	.21	.07			.47							.23							.05		.76	T.						2.89
East Waterford[2, 3 E]	Juniata	.12			2.07	.06	.07		.69	.30		T.	1.25			.01	.49	T.	T.					.08	T.	.89	.01	T	T.	T.	T.		6.04
Everett[2, 0.5 SW]	Bedford	.01			.64	.01	.28		.51	.03		.01	.42			.13	.44		T.					.05	.02	.65	T.		T.	.02			3.22
Huntingdon[2]	Huntingdon				.88	.07	.16		.58	.19		T	.66			T	.48							.09		1.03	T.	T	T	T.			4.14
Lewistown[2, 1 W]	Mifflin	.01			1.51	.17	.06		.44	.01		T.	1.00			T.	.31							.07		.80			.01	T			4.39
Mapleton Depot[2]	Huntingdon	.04			.76	.01	.10		.53	.22		.02	.51			.02	.52							.05		.71	T	T.	T.	T	T.		3.52
Martinsburg[1, 8]	Blair			.63	.20	.09	.04		.49			.55	T.			.42							.10	T.	1.09	T.	T	T.	T.	T.			3.60
McConnellstown[2, 4NW]	Huntingdon				1.03	.02	.16	.01		.62		.01	.54			.07	.40							.07	T.	1.23	T.	T.	T.	T			4.16
Neffs Mills[1, 5, 3 5 NE]	Huntingdon			79	.42	.06			.91			.98				.37	.03						.06		1.19							4.81
New Bloomfield	Perry																																
Newport[2]	Perry	.03			1.85	.07	.05		1.08	.36		T	1.25				.38							.08		.72			T.	T.			5.82
Saxton[2, 1 W]	Bedford	.02			.65	.02	.18		.50			.05	.48			.06	.05							.05	.03	.90				T			2.99
Shade Gap[1, 5, 0.5 SW]	Huntingdon			.69	.12				.31			.90	.07			.36	.04						.03		.61							3.13
LOWER SUSQUEHANNA																																	
Arendtsville[2]	Adams	.03			1.48	.01	.03		.79	.14		12	1.80			.09	.32							.18	.18	.89							6.06
Beavertown[2]	Snyder				1.65	.03	.02		1.28				1.63				.31									.52							5.84
Bloserville, 1.5 N	Cumberland			81	1.55		T.	.08	1.28			1.10	.91			.66	.04						.03	.03	1.05	T.		T.	T.			7.57
Carlisle	Cumberland			60	1.28	T	.09		.88			47	.58			.38	.23						.14	.16	.83			T.	T.	T.			5.58
Columbia	Lancaster	T.		.42	.67	.02	.14		1.58			.15	.82			.33	T.						.02	.24	.70	.03							5.12
Dauphin[2, 3 N]	Dauphin	T			.75	.07	.11		1.25	.35		.02	1.16			T.	.58							.10		.73	T.	T	.02	T.	T		5.14
Ephrata	Lancaster	T		.07	2.33		.09		1.53			.16	.84			.15	.08						.04	.37	.86							6.52
Glen Rock[1, 5]	York		•	•	1.97				1.58			1.13	.01			.35							.30	.06	.52							5.91
Gordon	Schuylkill				2.31	.01			2.46			.28	.81			.14	.14						.02	.13	.61	.05						6.96
Grantville, 2 SW	Dauphin	.01		.06	.91	.03	.13		2.03			.38	.71			.33	.09						.04	.20	1.05			T.	T			5.97
Hanover[2]	York	.01			1.58	.05	.02		.82	.63			.81			.04	.16							.21	.06	.52			T.		T.		4.91
Harrisburg Apt[1, 5, 3.5 S]	Dauphin			.77	.26	.05			1.98			1.12	.01			.39	T.						.27	T.	.74	T.	T.		T.	T.			5.59
Holtwood[2]	Lancaster	.03			.90	.02	.04		.62	.43		T.	.75				.19							.29	.02	.23			T.				3.52
Huntsdale[2]	Cumberland				1.95	.08	T.		.65	.17			1.52			T.	.46							.13	T.	.79							5.78
Kirkwood[1, 5, 1 SW]	Lancaster			.89	3.50				1.80			1.04				.17							.22	.18	.30							6.10
Lancaster	Lancaster	.02		.04	.66	.01	.20		1.57			.15	.73			.21	.16						.04	.33	.60	.02			T.	T.			4.74
Lebanon[2]	Lebanon	T.		.01	1.76	.05			1.06	.46		T	1.10				.27							.31	.03	1.04			T.	T.	T.		6.09
Middletown[1, 1.5 W]	Dauphin			.93	.07	.04			2.08			1.10	T.			.41	.02						.55	T.	.90	T.			T.	T.			6.10
Millersburg[1, 5, 2 E]	Dauphin			.33	.22				1.31			.72	.08			•	.13						•	.16	.75								3.70
Milroy[2]	Mifflin				1.57		.15		.85			1.45				.35	T.	T.					.21		1.03	T.	T.	T.					5.61
Newburg[1, 3.5 NW]	Cumberland			.78	.12	T.			.76			1.95				.52							.04		.41	T.			.50			5.08
New Park	York			.60	2.65				1.78			.53	.85			.38	.05						.15	.20	.47							7.66
Pine Grove[2, 1.5 NE]	Schuylkill	T			2.02	.12	T.		1.76	.32			1.48				.18							.19	.03	1.11			.04		T.		7.25
Selinsgrove	Snyder				.86	.03			1.28			.42	.40			.20	.07						.03	.07	.65		T.		T.	T.			4.01
Shamokin[2]	Northumberland	T.			1.20	.18		T.	1.20	.60			.75				.11							.11		.75			.02	T.			4.92
Shippensburg	Cumberland	.01		.91	.35	T.	.05		.72			1.18	.65			.51	.08						.08	.17	1.33	.06	T			T.			6.10
Sunbury[2]	Northumberland	T			1.11	.75		T.	1.05	.28			.81				.28							.08		.73		T.	T.	T.	.02		4.61
Wellsville	York			.56	1.17	T	.24		2.20	T.		.50	.71			.32	.01						.02	.22	.89				T.	T.	T.		6.84
Williamstown[2]	Dauphin				1.48	.17	T		1.35	.87			1.27				.25	T.						.18		.85				T.	T.			6.42
York, 3 SW	York			.50	1.35	.03	.07		1.73			.21	.73			.38	.02						.02	.21	.68	.02							5.99
York Haven[2]	York	.02			1.04	.05	.18		1.08	.63		.01	.91				.43							.25	.05	.98							5.63
Potomac Basin																																	
Chambersburg[6, 1 SW]	Franklin			.48	.10	.06			.63			1.82				.45							.21	.02	1.30	T.	T.		T.				5.07
Gettysburg	Adams			1.15	.37	.01	.01		1.17			.82	.61			.39	.01						.08	.14	.84	T.			T.	T.			5.60
Hewitt 2SW	Bedford			.42	.77		.17		.02			.55					.48								.82								2.75
Hyndman[2]	Bedford	T		T.	.72		.14		.22			.07	.48			T.	.68							T.	.04	.82	T.			T.			3.12
McConnellsburg[2]	Fulton	T.			.90		T		.32	T.		.10	1.55			T.	.36							T.	.10	.95							4.28
Mercersburg[2]	Franklin				1.00		T.		.34			.15	1.33			T	.34							.22	.61	.82							4.81
South Mt. San't'm[2]	Franklin				1.62			.06	.73	.17		.03	1.85			T.	.38							.18	.07	.82			T.				5.91
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny				.33	.03	.42		.41			.09	.51			.05	.32	.03						.12	.25	.52	.02	T.	.03	.03			3.19
Allens Mills[1, 5]	Jefferson			.29	.34	.19	.04	.02	.35	.01	.01	.56	.03				.35						.09		.92	.08	.05	.01	.08	.15			3.52
Blairsville[1, 6 NE]	Indiana			.29	.27	.29	.06	.04	.43			.76	.01			.23	T.	T.					.11	T.	.87	.10	.01	.02	.05	.02	T.		3.56
Boswell[2, 6 NW]	Somerset	.03			.59	.12	.48	.05	.35			.14	.60			.28	.25							.09	.24	.94	.15	.05	.04	.08	.03		4.51
Bradford, 4 W	McKean				.32	.07	.12		.58	T.		.34	.22	T.		.03	.18	T	.10				.05		.73	.35	.20	.05	.03	T.	.05		3.42
Brookville[1, 1.5 SW]	Jefferson			.40	.19	.11	T.	.02	.28	T.		.68	.03			.19	.04	T.					.08	T.	.93	.03	.02	T.	.04	.15	T.		3.19
Buckstown[1, 5]	Somerset	.02		.68	.11	.25	.05	.07	.40			.51	.01			.44	.15						.05		1.03	.05	.01						3.83
Clarion[2, 3 SW]	Clarion				1.04	.10	.07	.02	.37	T.		.04	.64			T.	.23	.02	.02					.08	.07	.60		T.	.04	.20	.02		3.56
Corry	Erie			T.	.38	.05	.08		.58	T.		.77	.02			.23	.12	.01					.01		.64	.50	.35	.11	T.	.15	.10		4.10
Coudersport	Potter			05	.41	.06			T.	T.		•	1.26			.22	•	.06						.06	1.08	.28	T.	.38	.09	T.			3.95
Coudersport, 7.5 E	Potter				.05	.26	.15	.01	.91		.01						.13	.05							.15	.58	.07	.19	.04	.02	.02		2.64
Derry	Westmoreland			.16	.25	.40	.08		.45			.59	T.			.42		T.					.06	.05	.90	.06	.03		.09				3.54
Donegal[1]	Westmoreland			.20	.27	.50	.05	.01	.30			.70				.40		.01					14	.01	1.20	.05	.02	.02	.05	T.	T.		3.93
Dunlo[1, 5, 0.5 SW]	Cambria			.57	.07	.25	.06	.09	.59			.43	•	•	•	•	•	.49					.05	.03	1.24	.03		.01	.12	.04			4.07
Ebensburg[2]	Cambria	.02			.32	.11	.47	T.	.61				.28			.26	.09							.09	.15	1.46	.05	T.	.05	.07	.01			4.04
Ford City[2, 4 S]	Armstrong				.44	.05	.07		.31			.17	.52			.13	.38	.03	T.					.08	.33	.48	.02	.02		.07				2.56
Franklin[2]	Venango				.82	.02	.03	.02	.49	T.		.16	.36			.02	.27	.02	.05					.14	.15	.64	T.	.08	.03	.15	.05			3.50
Glen Hazel[2, 1 NE]	Elk				.15	.31	.01	T.	.62			T.	.53			T.	.24	T.						.15	.18	.84	.04	.18	.08	.09	T			3.42
Home[1, 5]	Indiana			.67	.08	.26	.05	.08	.20			.45				.31							.04		1.01				•	.11			§§.26
Indiana	Indiana			.11	.50	.05	.27		.25		T.	.86	.16			.32	.03						.06	.03	1.37	.02	.02	T.	.11	T.			3.66
Johnstown[2, 0 5 W]	Cambria				.46	T.	.28		.33			.24	.19			.12	.31	T.						.05	.89	.48	.05	.02	.02	.04	T.			2.95

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1, 5] N	McKean			.11	.33	.11	.02	.15	.53	T.		.43	T.	T.		.21	.14	T.					.12		1.03	.06	.06	T	.09	.06	.02		3.47
Kregar[1, 5] 0.5 SE	W'moreland			.45	.24	.41	13	.08	.39			.86	02			.95		.12					.07		1.32	.16	.05	.03	.28	.04	.48		5.63
Lycippus[1, 5] E	W'moreland			T.	.63	.30	.12		16			.40			06	.81						T.	T	.08	1.38	.15	.01		.17	.01			4.22
Marienville[1, 5]	Forest			.20	.47	.06		.14	.30			.51				29	10						.15	01	.87	.03	.04	.03	.01	.10			3.31
Meadville[1, 5] S	Crawford				.71	02	.09	.03	.22	T.	T.	.15	48			T.	.28	.09	.03				.02	.06	.11	.45	.02	.06	.03	.08	.02		2.95
Mosgrove[2]	Armstrong				.65	.05	.14	T.	.37	T.		.14	.63			.03	.35	T.	T.					06	32	.60	T.	T.	.04	.15	.02		3.55
Parkers Landing[2]	Armstrong				1.00		11		.60			.10	.47				.21	04					T.	.10	.16	.52				.20	T.		3.51
Pittsburgh City Off[1, 5]	Allegheny			.65	.17	.13	T.	.12	.32			.65				.43		01					.10	.03	75	T.	T.	T.	.03	.01	T.		3.41
Port Allegany[2]	McKean	.01			.26	.03	.07	T.	.72	.10		.02	44				.14	.05						.07	.08	.97	.03	.12	.04	.03	.03			3.21
Punxsutawney[2]	Jefferson				.50	11	.06		.30	.04		.05	44				32							.08	T	.90				11			2.91
Punxsyville[2, 2.5 SE]	Armstrong				1.00	.05	.10		.34			.07	.60			.29	.04							.28	.05	.72	.10	T						3.64
Ridgway	Elk				.32	07	.03		.49	.03	.06	.03	.48				28	.05						.10	.13	.87	.01	T.	.04	07	T.			3.06
Saltsburg[2]	Indiana			T.	.33	.02	.23	T.	.35			11	32			.13	.18	T.	T.					.09	.32	.62	T.	.06	T.	.07	T.			2.83
Seward[2]	W'moreland				.65	.04	31		.51			.03	51			.18	14							.08		1.09	.11	.04	.05	.04				3.81
Sheffield[1, 5, 6 W]	Warren			.13	.36	.03	11	.11	.33			.69	.01	.01	.01	.28	.08						.13		1.00	.03		.01	.04	.06				3.45
Smethport[1, 5, 1 SW]	McKean				.47	.02	.02	•	•	•	•	•	•	•	1 10	03	.25						.10		1.04	.04	.08	.02	.10					3.27
Strongstown[1, 5]	Indiana			.35	.35	.24	.06	.11	.31			.59				.07	.28						.10		1.15		.03	.01	.05	.07				3.77
Tionesta[2, 1.5 SE]	Forest				.46	.03	.04	.04	.69	T.		.10	.62			.01	.29	T.	T.				.05	.15	.12	.73	T	.02	.04	.07	T.			3.46
Titusville, 2 S	Crawford			.03	.52	.10	.05		.57	T		.78	.05			.19	.12	T.					.15		.76	.22	.08	.14	T	.12	05			3.95
Union City[1, 5]	Erie			.20	.26		.05	.09	.25			.79				.20	.16						.07		.56	.11	.21	.03		.04	.07			3.09
Vandergrift[2]	W'moreland				.39	T.	.23		.30			.20	.56			.07	.23							.06	.18	.53	T.		T.	05				2.80
Warren[2]	Warren				.34	T.	.05	.05	.53		T.	T	.08				.20	.08						.03	02	.45	.15	.15	.05	.05	.04			2.27
Youngsville[1, 5]	Warren			.05	.30	.06	04	.20	.26		.02	.67				18							.07		.90	.17	.17	.03	.07					3.19
MONONGAHELA																																	
Confluence[2, 1.5 NW]	Somerset	T			1.17	.05	.07	T.	.23	T.		.13	.48			.05	.60	T.	T.	•	•	•	•	•	•	•	•	•	.96	.06	T.			3.77
Connellsville[2]	Fayette				.92		.19		.45	T.		.09	.37			.11	.08							.07	.06	.77	T.	T.		.06				3.17
Donora[1]	Washington			.30	.35	.11	.03	T.	.31			.58	T.			.48		.01					.07	T.	1.33	.01	T	T.	T	T.	T			3.61
Green-boro[2]	Greene	T.		.01	.98	.04	.14		.44			.09	33			.11	.12	.05	T.					07	.06	.67	T.		.02	.01				3.14
Greensburg, 2 S	W'moreland			T.	.73	.28	.12		.42			.47				.54							.06	.04	1.08	.03	T.		.02	T.	T.			3.66
Irwin	W'moreland			.11	.70	.14	.11	T.	.41			.45	.14			.46	.01		T.				.05	.01	1.06	.02	.02	T	.04		T.			3.73
Meyersdale[2]	Somerset				.76	.01	.09	.03	.23			.06	.30			.12	.15	.01	T.					.01	T.	.01	.38	.09	.02		.02			2.68
Murrysville[1, 5]	W'moreland			.39		.14		.08	.29			.53				.36							.07		.97				.06	.03				2.92
Pittsburgh Arpt.[1, 5]	Allegheny			.61	.04	.26	T.	.12	.23			.52	T.			.32	T.	.02					.08	T.	.81	T.	T.	T.	.08	T.	T.			3.09
Rices Landing[2]	Greene			.07	.85	.08	.15		.40			.13	4			.15	.25	.07						.09	.16	.71	.05	.02	.02	.05				3.65
Somerset	Somerset			.03	.48	.09	.18		.43			.33	10			.75	.01	T.					.05	.02	1.07	.04	.01	T.	.07	T.	T			3.75
Springs[6, 1 SW]	Somerset	.01		.33	.63	.17	.13		.25			.50	.0			.71	T	T					.02	T	.58	.02	T.	T	.10	.01	T.			3.51
Uniontown	Fayette			.05	.67	.12	01		.58			.40				.27	.01	.03					.03	.05	.83	.01	.01	T.	.65		T.			3.12
Waynesburg[2]	Greene			.09	.96		.18		.32			.21	.33			.17	.24	.02						.07	.08	.09	T.	T	T.	.03				2.79
BEAVER																																	
Beaver Falls[2]	Beaver				.66	.04	.09	.01	.26	T		.07	.28			.03	.12	.03						.08	.04	.37	T.	.02	T.	.03	T.			2.23
Butler	Butler				.66	.08	.21		.45			.17	.37			.15	.10						.07		.60	.11		.03	.03	.05	.01			3.09
Farrell[2]	Mercer				.85	.02			.14			.18	.42				•	.22					T.	.15	.15	.23	T.			.18				2.54
Greenville	Mercer			.16	.54	.07	.02		.12			.68	05			.15	10	.09	1				.23	T.	.51	.02	.05		.05	.12				2.95
Jamestown[2, 2 NW]	Mercer				.62	.01	.07	T	.12	T		.12	.30		T.	.01	.14	.03	.01				.05	.05	.15	.20	.01	.01	.04	.09	.01			2.13
Mercer Arpt.[1, 2.5 NE]	Mercer			.67	.22	.08	.05	.02	.26	T.		.74	.01			.26	.02	.06					.14		.66	.03	.04	.03	.01	.16	T.			3.46
New Castle[1, 1.5 N]	Lawrence			.40	.13	.25		.02	.22	T.		.31	.07			.22	.07	.02	.01				.10		.53	T.	T.	.02	.08	.09	T.			2.48
Pennline, [2, 1 S]	Crawford				.54	.03	.14	.02	.12		T.	.15	.20			T.	.23	.13	T.				.04	.03	.23	.37	.12	.18	.04	.08	.04			2.69
OHIO																																	
Claysville[2]	Washington			.25	.36	.21	.06		.39			.64	.03			36							.06	.01	.83	T.	T.		.05					3.25
Coraopolis[2, 1 E]	Allegheny				.64	.02	.14		.35			.22	.38			.16	.16	T.						.07	.31	.41	.02	.01	.01	.04				§2.94
Midland[2]	Beaver				.66	.02	.23		.28			.10	.22			.09	.15	.02						.07	.10	.37	T	T.	T.	.02				2.33
Washington[1, 5]	Washington			.72	.12	.22		.12	.29			.58	.01			.39		.02	.03				.07		.65			.01	.01		.02			3.26
LAKE DRAINAGE																																	
Albion[2]	Erie																31	.12						.02	.30	.80	.60	.03	.20	.12	.09			§§
Erie[1, 5]	Erie			.08	.18	.93	.10	.10	.15	.19		.24		T		.16	.39	.12	T.				T.		.81	.80	1.09		.77	.11	T.			6.22
Raymond[1, 5]	Potter	.03	.03		.18	.08		.08	.76		.02	.27			.03	.05	.08						.06	.01	.40	.05	.02							§§

[See page 88 for explanation of reference marks.]

Daily Temperatures for October 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	43	36	38	43	45	48	45	43	42	45	31	34	32	32	32	30	....	###
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	34	28	30	32	24	25	18	28	25	23	21	16	24	20	18	....	....	###
Allentown Arpt.[1,9-4 NE	Maximum	53	55	55	52	54	60	60	60	47	51	55	52	48	45	36	50	42	44	48	42	50	41	51	44	42	41	37	48	42	35	....	48.0
	Minimum	33	28	38	46	44	46	45	35	32	29	33	33	29	29	30	33	35	29	26	21	24	28	38	36	31	26	21	27	22	19	....	31.5
Allentown/.	Maximum	56	57	56	54	55	61	61	59	59	51	55	50	49	45	37	58	43	44	48	42	56	43	54	46	42	42	38	48	43	35	....	49.4
	Minimum	40	30	31	43	45	47	45	48	35	31	32	39	32	30	33	33	35	35	29	22	25	28	31	37	37	29	23	23	25	21	....	33.1
Altoona 4.5 W.	Maximum	55	54	55	51	54	53	54	59	43	43	50	49	44	47	34	45	38	42	41	41	44	39	49	46	40	30	33	31	38	28	....	44.3
	Minimum	36	30	42	43	46	41	37	34	30	25	36	30	32	21	28	30	31	29	27	23	22	33	38	36	27	23	13	27	18	13	....	30.0
Arendtsville/	Maximum	53	54	51	54	61	62	59	50	48	53	52	49	52	47	34	51	43	44	47	44	46	41	55	47	40	38	37	47	42	33	....	47.8
	Minimum	41	32	39	47	48	48	38	42	29	25	32	32	37	25	23	30	30	33	29	32	28	26	28	30	38	35	30	19	26	20	....	32.0
Beaverlown/.	Maximum	50	57	58	51	56	61	59	42	42	52	51	48	47	48	48	47	40	45	46	43	46	45	52	45	37	37	37	39	39	36	....	46.7
	Minimum	27	25	32	36	46	46	34	35	24	22	23	36	21	23	25	30	32	34	21	17	17	22	30	36	33	28	18	18	18	25	....	27.8
Berwick	Maximum	58	61	63	57	55	59	59	58	43	49	53	54	47	46	40	47	44	45	46	42	47	44	51	44	43	37	36	42	36	34	....	48.0
	Minimum	30	29	35	46	46	49	40	33	29	25	33	37	24	27	33	33	34	35	24	21	20	28	40	37	34	28	20	28	21	18	....	31.2
Bethlehem[1]	Maximum	52	54	55	49	55	59	58	58	53	51	54	48	46	44	37	47	42	44	50	40	50	42	51	44	40	40	36	45	42	33	....	47.3
	Minimum	38	30	39	45	46	49	46	37	34	33	36	41	33	31	32	32	37	32	32	29	30	31	40	37	33	28	23	30	26	22	....	34.4
Blairsville[1-6 NE.	Maximum	54	52	51	48	53	46	52	49	38	57	50	41	38	40	44	43	33	39	42	45	46	50	44	47	29	25	31	32	33	22	....	42.5
	Minimum	35	37	42	41	45	43	41	30	28	26	41	26	23	19	30	32	28	28	26	26	27	35	34	29	23	22	15	25	16	12	....	29.5
Bradford-4 W.	Maximum	56	59	55	59	52	50	55	54	39	48	48	48	39	42	34	39	36	39	40	43	42	45	44	42	42	29	29	32	28	25	....	43.1
	Minimum	22	29	29	41	46	46	36	32	28	21	29	30	25	22	23	29	28	24	15	19	18	28	35	22	27	23	16	22	11	17	....	26.1
Brookville[1]	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Burnt Cabins[1-2 NE.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Butler.	Maximum	55	58	56	54	54	55	56	57	50	51	55	51	45	42	46	45	39	39	41	45	47	47	50	50	50	30	35	32	32	30	....	46.6
	Minimum	41	40	35	46	50	47	40	32	37	20	43	32	27	18	30	32	33	33	29	26	19	37	36	36	28	26	14	26	19	7	....	31.3
Canton/-1 NW	Maximum	63	60	55	48	50	55	55	43	38	49	48	42	43	41	33	43	35	38	40	39	40	40	48	39	38	33	31	37	31	22	....	42.6
	Minimum	27	28	27	32	41	43	35	34	26	27	31	29	24	23	24	26	28	29	21	21	24	28	33	28	31	25	14	18	17	13	....	26.9
Carlisle.	Maximum	54	55	54	55	58	66	60	58	51	53	53	52	52	48	40	48	46	47	45	43	47	40	52	45	45	40	39	48	42	37	....	49.1
	Minimum	40	28	38	45	48	42	35	38	28	25	34	35	28	28	28	30	35	33	29	24	22	28	38	38	32	29	23	29	18	20	....	31.6
Chambersburg[6-1 SW.	Maximum	57	57	53	56	63	63	59	57	48	54	51	50	52	48	34	50	46	45	48	45	50	40	52	47	43	38	36	44	39	32	....	48.6
	Minimum	38	30	41	48	48	45	35	38	31	27	33	35	27	26	31	33	34	34	30	26	22	28	38	37	34	28	23	29	22	19	....	32.3
Clarion[6-3 SW	Maximum	57	55	53	52	54	52	56	55	40	54	51	50	40	45	36	43	38	42	44	43	45	45	47	48	38	30	33	34	30	27	....	44.6
	Minimum	32	25	40	44	46	45	37	30	26	18	36	26	22	19	27	32	29	28	22	21	18	31	31	27	25	20	12	23	14	10	....	27.2
Claysville.	Maximum	56	55	51	54	59	50	59	57	44	61	55	54	44	42	48	48	40	40	47	49	50	55	48	51	41	31	32	35	38	27	....	47.4
	Minimum	43	29	45	48	48	46	39	31	31	24	46	28	26	16	33	38	32	30	30	28	22	32	36	35	30	25	15	26	15	8	....	31.2
Coalport/.	Maximum	58	52	50	50	56	51	54	45	38	54	49	44	42	45	42	48	49	38	44	42	45	46	47	45	31	29	35	35	35	28	....	44.1
	Minimum	31	23	25	44	45	45	35	33	30	20	21	30	23	18	36	30	30	29	20	17	14	17	35	33	29	26	9	9	12	15	....	26.3
Coatesville/.	Maximum	55	56	60	57	60	63	63	59	50	51	57	50	51	47	38	48	45	45	46	44	47	45	53	50	42	41	38	46	48	35	....	49.7
	Minimum	42	28	34	35	42	44	38	48	29	23	23	41	24	25	29	32	36	33	32	23	23	25	31	36	36	27	17	19	18	20	....	30.4
Columbia.	Maximum	58	60	57	54	65	66	62	57	52	54	53	53	55	50	42	48	47	48	49	46	50	43	57	50	47	41	42	49	49	43	....	51.6
	Minimum	40	31	41	51	50	46	39	41	31	27	35	42	30	29	29	32	39	33	32	24	25	29	40	35	36	31	22	34	23	25	....	34.2
Corry.	Maximum	62	62	56	54	54	51	55	53	37	50	48	46	37	43	34	41	36	38	43	45	46	47	47	45	35	28	28	31	27	28	....	43.6
	Minimum	28	24	38	44	49	47	39	32	29	22	43	30	30	29	29	33	30	30	18	21	20	34	33	25	26	25	16	22	20	18	....	29.5
Coudersport.	Maximum	66	64	61	61	59	54	55	54	47	50	48	44	42	44	40	38	37	40	40	44	43	41	44	41	39	30	30	32	31	38	....	45.2
	Minimum	30	21	27	28	30	45	41	31	27	23	31	28	22	21	28	24	24	28	16	18	15	18	17	28	27	24	15	18	12	13	....	24.3
Curwensville[1-6 NW	Maximum	52	50	48	48	50	46	51	48	34	49	47	40	38	41	32	38	32	38	39	37	41	42	42	42	29	25	28	30	28	25	....	39.7
	Minimum	31	32	39	41	45	43	40	30	23	19	38	25	24	19	25	29	26	26	20	23	23	30	30	29	22	11	9	14	6	5	....	25.9
Derry.	Maximum	61	55	57	53	52	52	55	56	43	63	55	49	43	43	42	48	40	42	48	49	53	54	52	51	37	30	35	37	37	28	....	47.3
	Minimum	41	38	40	48	49	47	38	32	32	25	46	33	32	19	34	40	33	31	31	30	22	40	38	37	28	27	20	28	22	16	....	33.3
Donegal[1].	Maximum	52	52	60	48	54	48	52	50	42	54	51	39	40	41	44	44	34	38	45	47	47	45	44	47	32	26	32	32	33	21	....	43.1
	Minimum	38	35	42	44	44	29	30	26	32	22	86	24	24	12	29	32	28	27	27	24	20	31	34	30	20	21	15	17	14	6	....	27.1
Donora[1]	Maximum	61	58	57	54	60	58	61	48	43	63	56	49	56	46	50	46	42	44	48	47	52	55	46	54	43	32	37	40	36	32	....	49.1
	Minimum	48	39	49	50	52	49	44	35	35	30	49	34	33	24	37	40	36	36	35	34	30	41	40	41	31	29	26	32	27	18	....	36.8
Eagles Mere/.	Maximum	51	54	60	50	48	52	55	56	36	44	47	40	42	38	30	37	33	35	36	35	39	39	45	38	33	31	29	35	29	26	....	40.7
	Minimum	31	29	29	35	35	40	42	41	25	25	26	29	25	22	22	26	27	27	23	22	22	28	31	3	30	23	14	14	18	10	....	26.7
East Waterford[6-3 E.	Maximum	51	52	47	47	52	57	51	50	38	48	48	48	42	39	34	40	35	37	39	38	42	37	46	40	35	31	30	37	32	25	....	41.5
	Minimum	34	35	39	42	46	44	43	32	31	30	38	30	31	24	25	28	29	29	26	22	28	31	37	34	26	22	18	24	22	14	....	30.5
Ebensburg/.	Maximum	54	55	49	52	50	47	50	45	37	54	44	40	39	43	38	38	36	45	45	48	46	44	44	41	27	25	31	32	27	23	....	41.6
	Minimum	32	32	39	43	45	42	43	29	28	24	27	26	29	20	28	29	26	27	23	22	21	31	32	33	22	21	14	22	16	10	....	27.9
Emporium/-1 E.	Maximum	53	62	60	52	52	51	67	59	47	38	54	50	46	46	49	41	46	38	44	45	46	47	46	48	46	35	33	35	36	32	....	46.8
	Minimum	24	20	30	38	44	48	37	32	28	21	23	33	21	26	26	31	32	32	18	16	17	21	36	27	32	27	17	26	19	14	....	27.2
Ephrata.	Maximum	59	57	56	56	59	62	61	58	51	53	53	54	54	50	34	46	46	50	48	45	49	55	51	48	48	40	37	44	46	38	....	50.3
	Minimum	45	34	42	49	47	47	56	45	33	29	38	39	32	28	31	33	36	32	31	26	24	30	40	39	36	28	22	32	32	31	....	35.6
Erie[1].	Maximum	55	60	60	55	57	55	58	47	40	52	54	41	41	40	47	47	39	41	42	47	45	52	45	46	39	34	33	35	28	30	....	45.6
	Minimum	38	44	47	47	50	45	41	36	28	30	38	34	34	32	33	35	34	35	31	33	33	40	34	34	27	25	23	24	24	21	....	34.3
Everett[1-0.5 SW.	Maximum	66	55	53	56	59	58	55	56	46	55	55	39	47	46	35	46	40	42	45	46	48	41	48	51	36	35	38	42	40	28	....	46.9
	Minimum	29	25	25	47	47	35	36	32	34	29	38	27	27	24	31	33	34	32	23	18	20	27	38	35	29	26	24	22	18	15	....	29.3
Farrell.	Maximum	61	58	55	53	55	55	58	46	44	55	53	53	46	43	46	46	41	40	44	47	47	49	49	49	40	34	33	33	31	27	....	46.4
	Minimum	43	37	47	51	53	51	39	39	29	27	41	35	32	27	37	37	37	35	30	31	27	41	36	36	32	27	21	31	19	17	....	34.8
Ford City/-4 S.	Maximum	57	56	54	52	57	53	57	46	41	57	58	46	43	45	46	42	39	43	45	45	49	49	45	51	31	30	36	35	36	29	....	45.6
	Minimum	39	29	31	45	47	46	33	32	32	22	23	30	26	16	19	32	32	30	29	27	17	20	34	35	29	26	12	12	22	13	....	28.0
Franklin/.	Maximum	63	58	57	52	54	52	57	45	38	54	53	46	40	46	45	42	38	46	47	48	47	49	44	49	33	30	34	33	30	29	....	45.3
	Minimum	36	28	28	41	47	48	42	33	32	22	23	30	28	26	27	32	34	33	23	23	21	21	34	30	29	27	17	17	20	18	....	29.0
Fredericksville-1 S.	Maximum	53	54	53	52	58	59	59	57	46	52	52	53	47	45	47	48	46	43	45	41	48	42	52	47	45	38	35	45	44	34	....	48.0
	Minimum	37	26	34	45	42	42	37	30	28	24	28	38	26	25	28	28	33	31	27	23	19	24	38	32	32	24	15	27	16	15	....	29.5
Freeland.	Maximum	57	57	54	52	51	52	50	52	50	46	47	48	43	40	34	40	38	38	40	43	43	42	47	44	41	35	31	36	31	27	....	43.6
	Minimum	30	33	37	41	40	44	40	30	28	26	35	32	27	21	25	27	27	27	23	23	23	28	27	34	30	26	23	15	24	18	13	....	28.3
George School[6]	Maximum	56	58	57	59	60	61	61	60	50	52	54	55	52	48	38	50	47	49	47	44	50	45	52	52	48	42	39	49	47	38	....	50.7
	Minimum	39	32	40	47	43	46	41	38	32	29	29	38	28	25	30	32	34	28	27	25	22	24	38	35	34	27	21	30	22	18	....	31.8
Gettysburg.	Maximum	56	56	53	56	63	63	61	59	50	55	62	62	53	48	45	50	48	44	45	43	47	44	54	51	48	48	38	48	44	37	....	51.0
	Minimum	43	31	35	51	49	50	36	42	34	27	38	39	29	27	31	32	36	31	33	27	23	29	40	40	36	32	24	31	27	22	....	34.2
Gordon.	Maximum	55	53	59	53	55	57	55	44	41	49	49	47	44	42	39	47	43	39	42	39	43	40	50	45	42	37	33	40	38	28	....	44.9
	Minimum	29	23	32	45	45	47	32	32	23	20	31	31	21	25	27	31	32	33	23	17	15	23	37	32	32	27	18	27	16	13	....	28.0
Greensburg-2 S.	Maximum	58	56	57	58	59	53	58	58	44	63	57	58	44	43	45	48	41	41	47	42	52	53	53	52	40	32	33	37	38	26	....	47.9
	Minimum	41	27	46	47	50	48	32	33	25	19	43	35	21	15	30	39	34	33	30	20	18	29	38	37	29	28	16	27	19	13	....	30.7
Hanover/.	Maximum	59	56	53	53	62	64	61	50	52	56	54	53	55	50	34	52	47	46	51	47	51	47	55	48	42	41	38	49	47	38	....	50.4
	Minimum	42	35	40	48	50	47	40	43	32	30	34	38	31	28	30	32	34	31	33	28	25	26	35	41	35	31	23	25	27	20	....	33.8
Harrisburg Arpt. 1-3.5 S.	Maximum	55	56	56	55	59	60	60	58	48	52	55	52	49	47	37	50	44	44	45	43	49	42	53	46	41	40	38	46	40	32	....	48.4
	Minimum	36	32	43	50	50	48	40	36	34	31	41	38	32	30	31	33	39	36	30	27	24	32	41	40	34	27	24	30	26	23	....	34.6
Hawley-0.5 E.	Maximum	58	60	60	53	58	54	52	55	44	49	51	51	45	44	36	47	41	42	44	42	47	42	53	37	41	39	37	43	35	32	....	46.1
	Minimum	25	23	29	43	43	44	42	33	27	30	25	32	21	27	24	31	31	27	17	15	22	22	33	30	31	25	16	29	17	13	....	27.6
Hewitt-2 SW.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Holtwood[1].	Maximum	57	59	57	57	60	61	61	57	50	57	54	53	52	45	37	50	45	43	46	44	47	44	49	50	41	41	40	45	47	34	....	49.4
	Minimum	41	40	50	52	51	47	45	37	34	32	42	37	35	33	34	36	39	37	34	30	30	32	38	39	36	30	27	33	28	24	....	36.7

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Huntingdou	Maximum	63	57	54	53	61	61	58	58	44	55	51	50	48	47	39	51	43	43	46	44	49	43	53	49	44	36	36	39	39	32	...	48.2
	Minimum	35	27	36	47	49	49	39	35	29	24	36	35	23	25	28	33	36	33	26	20	18	28	37	38	32	28	20	31	22	15	...	31.1
Indiana-2.5 SE.	Maximum	58	56	53	54	56	52	57	56	41	58	52	53	42	44	40	44	46	44	46	47	56	46	50	50	42	30	32	35	36	27	...	46.4
	Minimum	37	27	38	45	48	48	33	32	32	18	40	28	20	14	28	34	34	32	27	22	18	20	36	34	28	25	15	27	16	1	...	29.0
Irwin	Maximum	54	52	51	52	53	53	57	56	41	58	58	53	44	40	43	43	37	42	43	46	48	52	51	43	42	32	33	33	30	28	...	45.6
	Minimum	42	31	43	47	49	47	38	34	32	25	35	31	27	18	34	39	33	33	30	27	21	35	35	38	29	21	28	28	20	18	...	32.3
Jamestown/-2 NW	Maximum	62	59	58	53	54	52	59	49	40	54	50	47	40	44	47	42	37	42	44	47	50	52	44	48	34	39	34	34	29	30	...	45.5
	Minimum	40	32	40	45	45	45	41	33	30	20	25	28	27	25	28	31	30	30	22	23	19	19	33	26	26	24	12	11	14	15	...	28.0
Johnstown	Maximum	53	55	55	54	60	53	56	48	43	61	53	46	45	46	45	47	40	43	48	51	49	50	49	51	33	31	37	40	40	28	....	47.0
	Minimum	41	32	47	48	50	48	37	36	35	30	34	34	35	25	28	33	34	34	32	27	24	25	37	40	30	29	22	23	25	18	....	33.1
Kane[4]-1 N	Maximum	57	57	54	52	53	50	54	50	34	49	48	45	39	43	34	38	38	37	39	42	43	44	44	43	32	28	30	31	27	24	..	41.7
	Minimum	21	19	31	42	47	45	43	29	28	16	33	24	24	24	25	29	28	19	12	16	13	1	25	22	24	20	12	10	16	1	...	24.3
Lancaster	Maximum	57	57	57	56	60	62	61	58	50	52	55	55	53	50	39	49	48	47	49	46	49	45	52	49	50	42	39	47	48	42	....	50.8
	Minimum	41	29	38	50	48	42	37	40	31	25	29	43	25	26	27	32	37	30	31	21	20	26	39	32	35	26	19	28	21	19	...	31.6
Lawrenceville	Maximum	60	64	62	53	56	59	59	56	42	50	50	50	44	43	33	47	40	41	42	44	45	44	50	42	40	35	35	39	32	31	..	46.3
	Minimum	26	24	28	42	46	47	39	32	27	29	32	28	23	22	25	30	31	30	20	22	25	27	35	26	32	26	15	28	18	12	..	28.3
Lebanon	Maximum	57	58	57	55	60	60	60	47	47	52	54	49	48	46	35	49	42	46	48	44	49	44	54	45	41	40	38	44	40	38	....	48.0
	Minimum	37	30	33	45	48	46	40	42	31	27	29	33	28	27	32	31	33	31	31	24	22	25	35	37	36	29	22	23	23	21	....	32.0
Lewistown/-2 SW	Maximum	56	60	56	53	59	62	59	51	45	56	53	50	49	51	42	49	42	45	50	45	49	43	55	47	37	38	38	43	41	35	....	48.6
	Minimum	38	31	30	43	47	48	39	40	29	28	28	37	26	26	30	31	33	37	28	24	21	21	32	37	35	31	23	25	23	19	..	31.5
Lock Haven[6]	Maximum	59	59	60	59	52	60	58	58	41	54	51	49	48	48	37	46	42	46	47	45	45	44	53	45	45	36	35	38	35	32	...	47.6
	Minimum	30	28	34	45	47	49	42	36	32	26	37	35	25	25	30	32	35	36	24	22	21	29	39	37	33	30	20	32	21	15	...	31.6
Marcus Hook[1]	Maximum	56	61	63	63	71	67	67	62	56	59	59	56	58	45	41	53	52	53	51	47	52	51	57	53	49	43	42	55	50	43	...	54.6
	Minimum	46	41	45	52	49	50	50	54	39	35	37	40	37	32	36	34	39	35	25	33	34	35	37	41	38	34	27	33	29	26	...	38.6
Martinsburg[1, 8]	Maximum	52	53	50	51	55	53	54	54	41	50	50	47	43	45	33	44	36	41	43	43	45	41	47	47	44	36	33	36	37	26	...	43.8
	Minimum	34	32	42	44	47	45	33	34	30	26	41	30	30	24	29	31	32	30	25	25	21	32	38	33	27	22	20	23	19	14	...	30.4
Meadville/-1 S	Maximum	60	58	56	52	54	50	57	46	39	52	48	46	38	46	44	40	37	42	44	46	46	49	44	46	33	28	33	32	30	27	...	44.1
	Minimum	36	26	33	46	47	47	40	33	30	21	23	32	25	29	31	33	32	32	20	23	19	20	35	25	28	20	9	11	15	17	....	28.1
Mercer[1-2.5 NE.	Maximum	57	55	53	50	53	50	55	41	37	53	50	42	39	43	45	46	34	40	43	45	45	48	43	47	32	28	29	32	27	26	....	43.0
	Minimum	37	33	43	45	47	48	40	29	24	21	35	33	26	23	31	31	31	30	23	26	22	36	29	32	26	21	13	17	17	9	....	29.7
Middletown[1-1.5 W.	Maximum	58	55	57	55	60	61	62	58	48	52	51	51	50	17	36	50	43	45	48	47	48	42	54	47	41	39	38	44	41	33	..	48.8
	Minimum	36	29	42	50	50	46	40	40	33	29	40	33	27	27	31	33	38	35	29	24	27	30	39	40	34	27	24	30	25	20	..	33.6
Midland[6]	Maximum	57	56	55	55	57	55	62	47	43	60	54	45	39	42	46	48	40	41	45	46	50	54	50	51	36	32	34	38	35	28	....	46.7
	Minimum	44	40	38	42	49	46	42	33	30	30	33	32	27	20	31	32	34	33	32	30	28	38	35	35	29	26	18	24	20	14	....	32.2
Montrose/-3 E	Maximum	56	62	61	45	47	51	51	51	38	44	48	39	41	37	32	42	32	35	37	37	42	40	48	38	33	34	30	37	30	29	....	41.5
	Minimum	28	30	33	40	41	41	42	42	24	26	29	33	26	24	23	21	26	26	20	19	22	22	29	27	30	23	14	16	18	11	..	27.2
Mt. Pocono[1-2 N.	Maximum	53	56	53	45	48	52	47	54	37	45	49	38	39	36	33	42	33	36	39	36	43	41	49	41	34	34	31	38	30	25	....	41.6
	Minimum	29	29	36	40	40	42	41	30	27	24	30	29	26	22	25	28	26	24	21	19	21	25	33	32	25	19	11	21	15	11	..	26.7
New Bloomfield	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....
New Castle[6-1.5 N.	Maximum	60	59	54	53	58	53	58	48	42	56	53	47	42	44	45	47	37	43	47	48	49	52	49	49	35	32	33	35	32	30	...	46.3
	Minimum	36	28	42	47	49	47	41	34	25	28	39	30	24	19	30	35	33	32	26	25	20	36	34	32	28	23	16	20	9	11	....	29.8
Palmerton[1]	Maximum	55	56	56	50	53	57	55	58	44	50	52	51	46	43	34	48	42	41	45	39	48	42	51	43	40	38	35	43	38	32	....	46.2
	Minimum	30	26	35	45	46	43	41	32	30	29	31	30	29	30	31	32	35	30	25	21	22	25	37	35	32	26	18	29	23	16	....	30.5
Park Place[1-1 NW	Maximum	51	55	54	47	50	54	51	53	38	47	48	48	42	39	39	42	36	36	38	36	40	40	48	40	34	32	31	37	31	26	..	41.9
	Minimum	31	32	37	41	41	44	41	30	27	29	34	30	27	22	25	28	27	24	24	21	24	27	34	30	24	18	16	21	17	12	..	27.9
Phila. Arpt.[1-7 SW	Maximum	54	58	61	63	62	63	63	63	51	53	58	58	53	47	38	52	45	46	46	44	48	48	54	53	45	42	39	50	49	36	..	51.4
	Minimum	41	38	49	49	46	49	47	40	37	32	34	37	33	32	34	35	35	31	33	30	30	29	43	41	35	30	24	32	27	23	....	35.9
Philadelphia C.O.[1]	Maximum	53	57	59	63	60	62	62	62	50	52	57	57	52	47	38	51	46	47	47	45	49	51	53	53	45	41	38	49	49	37	....	51.1
	Minimum	45	43	49	49	48	51	50	41	40	39	40	42	38	33	34	35	38	36	35	34	35	36	46	41	35	34	28	35	31	27	..	38.9
Phila. Shawmont	Maximum	55	58	59	61	61	62	62	61	50	52	56	58	52	48	51	50	45	45	46	44	49	47	52	51	50	41	40	49	45	36	....	51.2
	Minimum	43	34	41	49	43	45	43	44	35	30	33	44	30	28	32	44	30	31	31	25	26	28	45	36	39	27	22	29	22	29	....	34.9
Philipsburg[1-7 E	Maximum	51	51	50	50	53	53	53	51	35	48	48	42	39	42	31	40	33	38	40	38	40	38	44	42	31	27	29	32	32	24	..	40.8
	Minimum	25	25	39	42	45	45	32	29	24	18	38	28	27	22	25	31	29	26	16	17	10	32	33	31	24	15	15	18	12	0	..	25.8
Phoenixville-1.5 SE	Maximum	64	61	64	67	63	66	63	60	53	55	55	61	58	59	55	62	59	52	48	45	50	45	55	53	51	52	47	57	59	46	....	56.5
	Minimum	42	27	37	52	45	41	38	43	30	25	29	43	25	25	28	33	48	28	29	21	20	24	42	33	38	25	19	27	19	18	....	31.9
Pittsburgh Arpt.[1-7.5 SE	Maximum	56	54	52	52	58	51	57	44	42	61	54	45	42	41	47	46	39	38	44	45	50	53	48	51	32	30	33	35	38	26	....	45.5
	Minimum	42	37	45	47	48	46	42	32	32	28	39	29	29	25	33	36	32	33	30	30	28	39	37	33	28	25	21	23	22	16	....	32.9
Pittsburgh City Office[1]	Maximum	58	56	54	54	60	51	58	47	44	61	55	48	44	44	49	48	40	42	46	47	51	54	52	53	35	32	35	37	40	30	....	47.6
	Minimum	47	41	47	49	50	50	46	34	34	33	40	33	32	28	36	39	36	35	33	34	30	42	38	35	31	28	26	27	25	18	....	36.0
Port Clinton/	Maximum	57	56	56	55	55	60	58	44	45	45	54	46	46	45	38	48	46	44	44	38	42	43	51	45	41	43	42	44	38	32	....	46.7
	Minimum	31	27	38	48	46	45	39	42	27	25	30	40	25	28	30	32	35	35	30	21	20	27	36	36	36	26	27	29	22	20	....	31.8
Putneyville/-2.5 SE	Maximum	56	55	52	50	54	51	56	44	38	56	51	58	42	43	44	44	43	40	43	44	47	49	41	29	34	33	33	31	35	28	....	44.1
	Minimum	32	26	34	40	42	42	37	28	26	17	18	24	23	18	25	27	27	27	19	19	14	15	24	22	9	9	15	16	12	3	....	23.0
Quakertown-0.5 E	Maximum	53	55	54	59	57	61	59	60	48	52	58	57	48	44	40	49	46	44	45	40	45	42	51	49	50	41	36	47	44	37	....	49.0
	Minimum	37	25	35	45	44	46	40	39	32	29	28	39	28	26	28	31	34	32	28	19	22	38	31	34	25	19	25	29	18	....	....	30.8
Reading[1]	Maximum	54	57	56	55	60	62	62	60	48	58	56	54	49	47	36	50	43	48	50	44	50	44	53	46	42	40	38	47	46	36	....	49.6
	Minimum	40	33	42	50	49	49	45	39	36	33	40	38	34	33	33	38	35	33	28	29	31	42	39	34	30	26	32	29	24	....	....	35.9
Ridgway/	Maximum	60	58	54	52	55	51	55	45	37	54	50	48	44	49	41	39	36	42	44	46	46	46	46	46	31	30	38	33	34	27	....	44.4
	Minimum	27	21	22	40	44	47	41	33	30	17	17	30	22	26	26	30	30	30	17	16	17	17	35	25	29	26	14	14	14	9	....	25.6
Scranton[1]	Maximum	56	60	61	53	52	54	55	57	42	49	54	51	43	39	35	45	37	39	41	40	45	45	49	43	40	37	34	40	34	28	....	45.3
	Minimum	37	32	37	46	46	49	45	35	32	32	35	35	31	28	30	33	32	30	26	24	28	30	37	35	31	25	22	30	22	20	....	32.5
Selinsgrove	Maximum	56	60	58	58	57	60	59	60	44	50	53	53	48	46	35	48	44	44	45	42	45	47	54	44	45	38	36	41	38	34	....	48.1
	Minimum	40	41	48	45	47	48	38	34	30	24	30	31	28	23	27	32	35	34	24	20	19	25	33	37	33	30	21	30	20	17	....	31.3
Shippensburg	Maximum	58	57	49	54	64	63	60	57	48	54	53	50	51	48	38	50	45	45	49	46	49	39	53	46	47	39	35	46	40	34	....	48.9
	Minimum	45	29	41	45	49	44	35	39	35	30	34	34	30	29	30	31	36	34	28	26	22	28	38	33	30	24	31	25	20	....	....	33.1
Somerset	Maximum	52	50	55	51	56	50	50	50	41	59	62	50	42	47	36	42	38	50	46	50	44	43	45	49	37	27	30	34	35	22	....	44.8
	Minimum	37	32	39	43	45	39	30	28	28	39	29	30	28	23	29	31	28	28	25	18	14	26	35	33	20	23	12	24	12	7	....	27.1
Springs[6-1 SW	Maximum	48	48	49	49	53	48	50	50	40	58	50	46	42	43	35	42	36	34	43	48	40	48	47	45	31	25	29	33	34	22	....	42.2
	Minimum	36	34	40	44	44	38	31	30	28	25	40	29	30	15	29	32	28	28	26	22	19	30	35	30	23	20	18	21	15	3	....	28.1
State College[1]	Maximum	54	54	54	53	58	56	56	55	38	50	50	50	43	46	33	44	38	41	40	40	43	42	48	45	35	32	32	35	34	28	....	44.2
	Minimum	34	30	39	44	49	46	39	32	29	29	43	32	31	28	28	33	33	30	25	24	22	35	39	35	29	22	19	25	17	14	..	31.2
Stroudsburg-2 E.	Maximum	49	62	61	56	52	54	56	62	45	48	54	55	42	50	47	38	50	42	49	37	50	52	51	49	44	42	42	37	47	38	....	48.7
	Minimum	24	32	33	44	47	49	42	25	25	28	29	22	26	28	32	35	27	24	15	26	20	29	33	35	24	19	22	20	15	10	..	28.1
Tamarack/-2 S.	Maximum	53	54	52	46	50	53	51	41	36	48	45	42	44	44	35	37	33	38	38	39	40	46	38	28	27	29	31	27	26	....	....	40.4
	Minimum	30	32	33	44	47	49	42	25	25	28	29	22	26	28	32	35	27	24	15	26	20	29	33	35	24	19	22	20	15	10	..	26.5
Tionesta/-1.5 SE	Maximum	60	58	54	52	54	55	55	46	39	58	52	48	38	47	41	39	39	40	44	47	45	48	42	48	31	29	33	31	32	29	..	44.1
	Minimum	30	26	30	46	45	47	40	31	30	21	26	30	25	27	29	30	30	30	20	22	19	26	36	36	19	26	15	16	19	11	....	27.7
Titusville-2 S.	Maximum	57	58	52	50	53	51	53	53	37	49	47	46	38	44	33	41	35	40	42	44	44	48	46	44	36	26	29	30	28	28	....	42.6
	Minimum	32	24	42	44	48	45	40	30	29	21	42	27	28	26	28	32	29	31	17	31	18	34	34	24	25	22	14	24	18	15	..	29.1
Towanda-1 E.	Maximum	59	60	61	55	55	57	58	55	44	50	53	53	47	43	34	48	42	42	45	44	46	45	52	42	42	38	35	42	36	35	....	47.3
	Minimum	26	23	27	44	44	44	40	32	26	26	32	30	20	24	25	31	32	29	18	18	22	25	35	28	32	29	14	28	20	12	..	27.9
Tunkhannock/	Maximum	59	61	64	49	53	53	56	41	44	49	53	44	43	45	40	48	38	40	42	41	46	45	49	45	39	41	39	43	38	32	..	46.0
	Minimum	26	26	27	32	43	45	40	38	25	26	28	35	20	22	22	28	31	31	20	18	19	21	33	27	32	26	14	26	19	12	....	27.1
Uniontown	Maximum	59	56	58	54	62	54	58	56	48	63	60	54	51	45	51	51	43	41	51	51	53	55	55	53	40	32	34	37	39	28	....	49.7
	Minimum	45	42	49	50	51	49	42	35	31	27	47	32	32	21	36	42	34	34	35	35	29	41	40	40	31	27	24	29	23	19	....	35.7

Continued on page 88.

Daily Temperatures for November 1947—Continued from page 87.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	64	63	57	56	55	51	56	51	37	53	49	49	42	45	34	41	37	41	45	49	48	47	48	45	36	31	32	36	32	28	....	45.3
	Minimum	27	25	35	44	48	47	43	32	31	22	42	29	28	29	28	33	30	30	19	19	21	35	28	21	26	22	16	21	18	16	....	28.8
Waynesburg	Maximum	57	60	51	54	60	56	62	58	46	64	64	52	45	44	48	49	43	41	49	51	52	57	55	54	40	34	33	36	40	27	..	49.5
	Minimum	45	28	45	47	48	45	31	32	22	22	40	30	20	14	31	30	30	29	28	22	17	25	38	25	25	25	17	27	14	9	....	28.7
Wellsboro/	Maximum	59	65	56	51	56	49	57	46	41	52	43	43	47	45	37	43	38	42	42	44	40	44	51	38	34	32	35	37	32	30	...	44.3
	Minimum	22	20	20	26	44	47	35	34	27	26	26	31	20	20	19	26	30	30	16	15	18	22	34	24	33	27	15	18	15	9	....	25.0
Wellsville	Maximum	54	56	54	54	60	62	62	57	49	52	54	54	52	46	34	50	47	44	46	43	48	42	55	46	48	40	37	47	41	34	...	48.9
	Minimum	33	25	36	49	49	38	34	40	26	22	32	38	22	22	26	32	36	33	31	21	18	25	38	36	34	25	17	30	18	15	....	30.0
West Chester	Maximum	55	56	56	60	62	64	62	58	50	52	53	56	51	47	38	48	45	46	45	43	46	45	53	50	43	41	38	48	48	35	..	49.8
	Minimum	42	37	44	50	46	44	44	40	34	29	36	33	30	27	32	33	37	31	31	29	27	31	42	40	35	27	22	32	24	23	....	34.4
Wilkes-Barre Arpt. 1-3N.	Maximum	56	60	66	48	51	52	55	55	40	49	55	50	42	38	33	43	36	39	40	39	44	43	47	43	38	36	33	39	34	29	..	44.4
	Minimum	34	30	38	45	45	47	42	32	31	29	35	30	28	26	28	33	32	31	25	22	26	30	37	34	32	25	20	25	21	18	...	31.0
Williamsport Arpt. 1-4 E	Maximum	58	57	63	56	51	59	58	54	42	50	52	49	47	46	84	45	41	43	45	44	46	44	52	42	39	38	35	39	35	31	....	46.5
	Minimum	30	28	36	46	47	42	40	29	28	25	40	27	22	29	29	33	35	27	24	22	22	28	36	35	31	26	21	26	16	13	...	29.8
Williamstown	Maximum	60	57	57	55	57	60	57	57	45	52	51	52	47	46	40	48	45	44	47	42	48	43	53	49	44	37	35	42	38	33	....	48.0
	Minimum	35	25	35	47	47	48	35	35	27	23	32	32	23	29	29	32	35	34	29	20	17	27	39	36	29	27	20	30	19	19	....	30.5
York-3 SW	Maximum	59	59	55	56	62	65	63	59	51	57	55	55	54	53	43	52	48	46	50	47	51	44	56	49	49	45	40	48	46	38	....	51.8
	Minimum	43	27	38	51	49	41	35	41	30	25	35	40	27	25	29	32	37	31	33	22	20	28	40	35	36	29	21	32	21	18	....	32.4

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**			Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.	
Erie	30.55	21	29.26	24	9.9	25	se.	7	80	72	80	23	746
Harrisburg	30.57	21	29.34	24	8.3	30	nw.	12§	75	60	66	46	708
Philadelphia	30.55	21	29.29	24	8.4	26	ne.	3	79	57	69	53	598
Philipsburg	30.59	21	29.29	24	.....	40	sw.	24	86	70	80	.....	951
Pittsburgh	30.51	21	29.30	24	10.9	41	w.	24	77	65	67	22	773
Reading	30.57	21	29.31	24	11.5	35	nw.	12	....	.....	.....	43	664
Scranton	30.57	21	29.25	24	6.9	27	se.	8	66	.....	.....	26	784

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.5	6.2	13	2.2	3	18
Easton	Delaware	.....	.....	.....	.....	.....	.....
Lehighton	Lehigh	4.1	5.9	10†	5.0	3	9
Reading	Schuylkill	6.3	10.2	12	3.8	3	13
Wilkes-Barre	N. Br. Susquehanna	3.7	6.7	14	1.4	1	22
Williamsport	W. Br. Susquehanna	2.1	4.8	27	0.4	1†	20
Newport	Juniata	4.3	6.0	26	3.3	3	22
Harrisburg	Susquehanna	4.0	4.9	13	3.2	1†	17
Schenley, (nr) Lock No. 5.	Allegheny	12.6	14.0	26-27	11.6	3-4	24
Sutersville	Youghiogheny	4.0	5.4	25-26	2.7	4	20
Charleroi (nr.), Lock No. 4	Monongahela	12.1	13.9	26	10.9	3	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	15.4	15.7	23-24	14.7	14	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras										1																					
Fog, heavy			5	4	5	15			3				5	6								5	12	4							
Frost, killing																															
Glaze													1	16	6	1						1		5			1	4			
Hail																															
Rain, heavy																															
Sleet							6							30	1	2	1			7		15						3	1		
Snow, heavy																											1				
Thunderstorms			4	7			6																			1					
Winds, high			9	4			20	14	21			11	15	7			4	10	6		3				25	29	10		14	10	

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
a, b, c, etc. Number of days missing, for example, b indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

1 Midnight to midnight.
2 Measured in the morning for the preceding 24 hours.
3 Data for 24 hours ending at 1:30 a. m. of the following day.
4 Best available used for stations not equipped with recorders.
5 Recording gage.
6 At a fixed hour between sunset and 11:00 p. m.
7 Noon to noon.
8 Data recorded at Altoona-Blair County Airport.
9 Official Station designation is Allentown-Bethlehem Airport.

(W. B. O., Philadelphia—2-7-48—1100)

1.05
NP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA

VOL. LII. DECEMBER 1947. NO. 12.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
REMIT DIRECTLY TO SUPERINTENDENT OF DOCUMENTS WASHINGTON, 25 D. C.

GENERAL SUMMARY.

Although temperatures were below normal, December was not an unpleasant month, owing mostly to dryness and sunshine. Precipitation was only about half of the normal, but was rather evenly spaced, and snowfall was not general until the last decade. The temperature deficiency was under two degrees, continuing a cold trend for December which has appeared, with one exception, since 1941. Windiness was much in evidence about the 16th and generally in the last week. The excess of sunshine occurred in spite of normal cloudiness.

There were four main periods of precipitation. The first storm, around the 6th, was a result of cold frontal action extending from a depression that moved from the Lakes Region to New England in two days, bringing moderately heavy rain. About the 11th, there was some light precipitation in connection with a Gulf storm which developed along the Atlantic Coast and brought snow in the cold air north of its warm front. The heaviest rains of the month, besides considerable wind, came as a result of a low pressure area which moved rapidly northeastward from the Gulf of Mexico and passed over Pennsylvania on the 16th. In this depression was a complicated system of fronts and occlusions which made for a considerable amount of convergence. Since temperatures were generally above freezing, the precipitation was in the form of rain. Another storm occurred about the 24th in consequence of an occlusion which developed off the Atlantic coast. Precipitation was light and was in the form of snow. The storm of the 26th and 27th, which brought the unusually heavy snowfall to New York City, rivaling the Blizzard of 1888 as a topic of conversation, was a similar coastal storm that hovered along the Atlantic coast, moving slowly northward from Hatteras to Nantucket. Although it brought general snowfall, amounts were not excessive as they were in New York City. Had this snow come one day earlier, the State would have had a White Christmas. As a rule, driving conditions were comfortable nearly everywhere during the month, but a number of days with freezing rain caused accidents, notably on the 5th, 15th, and 30th.

Temperatures during the first decade were above normal, and maxima in the 50's and 60's were not uncommon, but no new records were set. From the 9th to the close, mean daily temperatures were low, except for a few days. The Atlantic section was somewhat warmer than the Ohio, but few stations showed a monthly excess.

High winds were the rule on the 16th. The greatest damage reported was at Wilkes-Barre, where gusts were estimated at 70 miles per hour. The high wind shattered windows in a score of stores, destroying also holiday decorations recently erected. Electric power interruptions affected hundreds of customers, most of them in the South Wilkes-Barre section. The emergency power plant at Mercy Hospital had to be turned on when its regular power failed. Happily, no operations were in progress at the time.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 29.6°, which is 1.6° below the 60-year normal for December. The highest monthly mean was 36.2° at Marcus Hook and the lowest was 24.0° at Montrose. Extremes ranged from a maximum of 66° at Phoenixville on the 2d to a minimum of −5° at Kane and Bradford on the 30th.

PRECIPITATION

The average precipitation for the State, as deduced from the observations at 197 stations, was 1.52 inches, which is 1.53 inches below the 60-year normal for December. The greatest monthly amount was 3.51 inches at Kregar, while the least was 0.59 inch at Burnt Cabins. The greatest amount recorded in any 24 consecutive hours was 1.25 inches at Stroudsburg on the 15-16th.

The average snowfall for the State was 6.3 inches, which is 1.7 inches below the 60-year normal. The greatest monthly snowfall was 24.7 inches at Corry. The greatest fall for any observational day was 12.0 inches at George School on the 26th.

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	32.5	62	−10	3.14	5.2	9	8	8	15
1889	39.6	73	0	2.77	0.9	12	11	9	11
1890	27.2	59	−11	3.97	29.4	12	7	8	16
1891	38.4	68	−3	4.09	0.3	10	12	8	11
1892	27.8	70	−13	1.69	5.7	9	7	9	15
1893	32.2	70	−7	3.06	9.4	12	6	11	14
1894	32.4	66	−28	3.95	11.9	10	10	9	12
1895	34.2	70	−10	3.22	2.3	7	10	9	12
1896	30.6	67	−13	1.20	5.4	6	10	9	12
1897	33.0	73	−6	3.95	9.6	12	6	8	17
1898	29.8	68	−11	2.98	8.7	10	10	8	13
1899	31.5	73	−11	3.04	4.4	10	10	10	11
1900	31.2	65	−2	2.08	3.9	7	8	9	14
1901	29.1	77	−18	5.91	7.6	11	7	9	15
1902	28.4	68	−12	5.54	17.3	14	7	7	17
1903	25.4	60	−14	2.66	13.2	9	8	9	14
1904	25.8	71	−19	2.48	14.4	11	7	7	17
1905	33.6	65	−5	3.57	2.2	8	10	7	14
1906	30.8	67	−14	3.97	7.6	14	5	5	21
1907	33.2	68	−8	4.30	9.8	12	7	8	16
1908	32.0	74	−2	2.86	9.4	10	9	8	14
1909	27.0	71	−10	3.39	12.7	8	9	8	14
1910	24.4	68	−14	2.65	16.0	12	8	6	17
1911	36.3	70	5	3.27	5.4	13	7	5	19
1912	34.4	74	−8	3.27	8.1	9	9	7	15
1913	34.2	66	−7	2.63	7.2	8	9	7	15
1914	27.3	69	−28	4.63	13.0	14	8	5	18
1915	29.4	70	−7	4.66	13.7	12	6	8	17
1916	29.7	73	−12	3.07	10.5	12	11	9	11
1917	21.5	52	−28	1.78	15.0	8	10	8	13
1918	36.6	72	−1	3.38	3.0	11	9	7	15
1919	25.3	66	−23	2.61	9.4	11	9	8	14
1920	33.4	68	−7	3.28	3.8	10	7	9	15
1921	31.6	66	−11	2.59	7.2	10	8	8	15
1922	31.5	69	−9	2.75	7.1	10	10	8	13
1923	39.6	71	1	4.99	2.4	14	9	7	15
1924	29.8	69	−23	2.13	3.6	11	7	7	17
1925	30.7	62	−15	1.72	3.8	10	8	7	16
1926	27.3	62	−20	2.58	10.0	12	8	7	16
1927	32.7	73	−6	4.41	4.5	13	9	6	16
1928	34.4	68	−2	1.16	0.9	6	13	7	11
1929	32.2	70	−9	2.77	10.0	12	7	6	18
1930	30.0	59	−15	2.29	6.8	10	6	7	18
1931	38.1	70	−1	2.85	1.1	11	10	6	15
1932	33.3	72	−14	2.19	7.4	12	10	6	15
1933	31.7	74	−22	2.88	8.7	12	9	7	15
1934	30.7	73	−10	2.55	3.0	10	9	8	14
1935	26.3	60	−19	2.62	13.5	16	5	7	19
1936	34.5	74	−11	4.19	6.3	11	11	6	14
1937	29.7	66	−14	2.45	5.7	10	10	5	16
1938	32.2	64	−5	2.56	4.7	11	8	7	16
1939	33.9	68	−8	2.24	6.0	11	7	6	18
1940	35.9	68	−9	3.08	3.1	12	7	7	17
1941	35.6	76	−8	3.10	2.0	10	6	8	17
1942	27.4	62	−25	5.05	11.5	14	6	7	18
1943	28.4	63	−23	1.12	2.1	5	11	9	11
1944	26.3	60	−26	3.79	22.6	13	7	7	17
1945	25.6	62	−22	2.73	16.6	13	6	7	18
1946	33.5	75	−4	2.32	6.0	10	7	9	15
1947	29.6	66	−5	1.52	6.3	10	8	7	16
Period	31.2	77	−28	3.08	8.0	11	8	8	15

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Climatological Data for December 1947

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 9-4 NE	Lehigh	384	6	30.0	−2.7	57	3	9	25	1.79	−1.51	0.75	15–16	8 6	8	7	11	13	nw.	U.S. Weather Bureau.
Altoona-4.5 W	Blair	1,500	61	29.6	−0.1	60	3	9	20	1.54	−1.24	0.61	7–8	4.5	9	10	10	11	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	900	5	28.7	.....	59	3	4	25	0.59	.....	0.30	15	T	6	8	8	15	w.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	7	25.4	.....	57	3	5	30†	1.29	..	0.64	15	4 5	8	10	5	16	w.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	78	31.9	+0 2	60	3	10	25	0.99	−1.93	0 44	15-16	4 0	8	16	2	13	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	51	31.5	-1.6	58	3	11	25	0.95	−1.77	0.47	15 16	1.6	8	9	15	7	w.	Charles A. Bender.
Coatesville	Chester	481	59	30.4	−2.4	63	3	9	25†	1.58	−2.18	0.75	15–16	5.1	7	17	5	9	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	4	25.6	.....	53	3	7	1†	1.95	..	0.71	15-16	5.6	19	4	4	23	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	5	24.2	.....	49	3	5	30†	1.46	−2.15	0.48	15	5.1	9	12	2	17	w.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	9	28.4	.....	60	3	12	20	1.14	−1.55	0.39	15–16	5.6	11	6	8	17	nw.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	60	27.4	−1.9	54	3	2	25†	1.24	−1.98	0.44	15	....	8	11	6	14	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	49	32.6	−0.1	60	3	12	25	1.47	−1 62	0.46	15 16	6.0	10	13	9	9	nw.	Ephrata Review.
Everett-0.5 SW	Bedford	1,020	24	30.0	+0.4	63	3	9	1	0.79	−2.03	0.38	15–16	2.3	7	3	11	17	n.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	53	26.8	−0.4	55	3	6	30	2.53	−0.96	0.87	15-16	8.8	11	6	1	24	w.	Andrew B. Evansha.
George School	Bucks	184	40	31.4	−2.0	60	3	7	30	2.96	−0.87	0.99	15-16	13.1	9	17	6	8	nw.	George M. Hart.
Gettysburg	Adams	553	73	33.9	−1.2	62	3	12	25	1.08	−2.12	0.41	15–16	2.5	9	14	7	10	nw.	Dr. Henry Stewart.
Gordon	Schuylkill	900	42	27.4	−2.0	58	3	0	25	1.63	−2.12	0.62	15–16	8 0	7	10	9	12	ne.	Miss Sallie M. Johnson.
Hanover	York	600	42	32.8	−1.7	64	3	9	25	1 13	−1 89	0.49	15–16	3.5	7	14	4	13	w.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	77	32.6	−0.1	61	3	13	25	1.15	−1.87	0.35	15 16	6 0	8	6	8	17	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	36	26.9	−1.3	58	3	− 4	25	2.04	−0.84	0.84	26	15 1	9	13	9	9	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	31	33.2	−1.3	51	8	17	25†	1.27	−1.22	0.62	15–16	6.5	6	13	4	14	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	59	§31.3	−0.2	64	3	6	25	0.98	−1 91	0.48	7–8	1 6	8	6	9	16	nw.	Paul R. Yoder. Jr.
Lancaster	Lancaster	255	59	31.3	−1.7	62	3	8	25†	1.24	−1 87	0.48	15-16	3.7	7	14	9	8	nw.	Lancaster Water Bureau
Lawrenceville	Tioga	996	49	28.5	+0.4	56	3	3	30	1.12	−0.81	0.45	15-16	7.1	7	5	9	17	.....	Carlos P. Darling.
Lebanon	Lebanon	469	62	31.2	−0 8	63	3	10	25	1 34	−1.99	0.43	15–16	5.5	8	17	8	6	w.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	8	31.2	.....	64	3	12	25†	0.83		0.30	7-8	2.0	8	5	4	22	w.	American Viscose Co.
Lock Haven	Clinton	557	55	§30.9	0.00	60	3	10	1†	§1.09	−1.80	0.51	15–16	2 0	10	10	5	16	e.	William R. Kelley.
Marcus Hook	Delaware	12	19	36.2	−2.2	57	15	20	20	2.01	−0.86	0.81	15–16	6.0	8	10	9	12	nw.	Sun Oil Co.
Martinsburg[8]	Blair	1,493	4	29.5	.....	58	3	12	10†	1.01	.....	0.34	15	T.	8	6	8	17	nw.	U. S Weather Bureau
Montrose-3 E	Susquehanna	1,176	41	§24.0	−2.2	50	3	3	30	2.21	−0 36	0.54	26-27	13.4	12	11	5	15	nw.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	5	25.0	−0.6	56	3	3	25	2.76	−0.85	1.24	15-16	14 8	10	6	10	15	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	28	29.9	−1.5	58	3	7	25	1.46	-1.19	0.79	15-16	10.4	8	6	9	16	ne.	New Jersey Zinc Co.
Philadelphia, C. O	Philadelphia	26	76	35.8	−0.5	58	16	20	20	1.89	−1.54	0.87	15–16	7.2	8	12	8	11	nw.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	4	25.8	.....	57	3	0	20	1.64	..	0.57	15 16	3 4	17	4	6	21	nw.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	37	34.2	+0.5	66	2	3	30	2.39	−0.78	0.84	15–16	4.5	8	20	8	3	nw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	8	29.2	−2.6	58	3	7	25	1.59	−2.02	0 62	15–16	8.0	8	20	0	11	n.	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	61	29.7	−1.5	59	3	5	25	2.09	−1.28	0 88	15-16	10.8	7	16	10	5	nw.	John E. Benner.
Reading	Berks	273	76	34.0	−0.2	62	3	14	25	1.28	−2.28	0.49	15–16	7.2	8	8	8	15	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	52	29.4	−1.3	56	3	9	25	1 22	−1 80	0.36	15–16	8.2	10	7	10	14	nw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	56	30.5	−1.1	61	3	9	25†	1.11	−1.93	0.55	15-16	3.5	8	10	8	13	n.	Dr. Merle V. Hoover
State College	Centre	1,217	61	30.2	+0.3	59	3	12	25	1.14	−1.51	0.38	15	2.1	9	3	10	18	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	27	§30.6	+0.4	60	3	2	29	§2.87	−0.44	1.25	15–16	13.7	10	11	11	9	n.	Metropolitan Edison Co
Tamarack-2 S	Clinton	2,250	6	24.2	.....	55	3	6	20†	1.66	.....	0.56	15–16	8.7	8	3	9	19	w.	James E. Swartz.
Towanda-1 E	Bradford	754	52	28.8	−0.1	62	3	1	25	0.98	−1 23	0.36	15	4.6	9	9	4	18	s.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	76	26.6	−1.1	58	3	2	30†	1.03	−1.36	0.59	15	4.6	9	9	4	18	s.	M. S. Bliss.
West Chester	Chester	440	97	33.0	−0 3	63	3	15	29	1.90	−1.89	0.97	15-16	6.5	7	13	11	7	nw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N	Luzerne	544	8	28.5	.....	54	3	7	25	0.93	.....	0.28	15-16	5 0	9	6	7	18	nw.	U.S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	2	29.1	.....	51	3	9	25	1 17	.....	0.50	15-16	2 8	10	7	7	17	w.	U. S. Weather Bureau.
Williamstown	Dauphin	775	30	30.6	−0.6	62	3	4	25	§1.24	−1.61	0.50	15	4.2	6	3	17	11	....	Gordon E. Lower.
York-3 SW	York	390	58	32.6	−0.7	64	3	9	25†	1 45	−1.43	0.55	15-16	5.0	8	13	7	11	w.	York Water Co.
Division mean			....	**29.8**	**−1.4**	**66**	**2**	**− 4**	**25**	**1.47**	**−1.45**	**1.25**	**15–16**	**6.2**	**9**	**10**	**7**	**14**	nw.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	11	29.0	.....	55	3	10	29	2 25	−0.86	0.55	15	9.4	15	5	1	25	nw.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	29	25.3	−2.3	50	8	− 5	30	2.14	−0.87	0.60	15-16	17.5	15	5	4	22	nw.	City Water Dept.
Brookville Apt.-1.5SW	Jefferson	1,400	56	28.3	+0.4	55	3	3	1	1.69	−1.40	0.76	15–16	2 1	15	4	6	21	w.	Civil Aeronautics Authority
Butler	Butler	1,077	33	31 4	+0.2	57	3†	9	25†	0.97	−1.75	0.55	15–16	4.1	9	9	7	15	nw.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	36	28.4	.....	55	3	3	1	1.72	−1 66	0 55	15-16	1.8	10	6	2	23	w.	Penna. Electric Co.
Claysville	Washington	1,170	43	30.9	−1.5	58	3	4	29	1.47	−1 43	0.70	15	3 6	10	12	1	18	nw.	Walter B. Paget.
Corry	Erie	1,410	32	28.0	−0.4	52	8	− 2	30	2.71	−0.77	0.76	15-16	24.7	17	6	6	19	sw.	Geo. R. Mulderick.
Coudersport	Potter	1,653	22	26.3	0.0	50	7	− 1	30	1.73	−0.93	0.46	5	18.1	11	7	4	20	se.	Potter Enterprise.
Derry	Westmoreland	1,150	49	32 5	+0.3	59	3	10	30	1.26	−1.96	0.28	7-8	3.7	8	9	6	16	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	3	27 0	.....	53	3	3	1†	2.31	.....	0.65	7-8	7.3	14	5	14	12	w.	Penna. Turnpike Comm.
Donora	Washington	761	20	35.2	−0.5	60	3	16	25†	1.14	−1.88	0.46	15–16	1.5	10	6	8	17	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	29	27.7	−0.7	53	3	8	1	§1.96	−1.06	0.70	7	4.8	14	11	3	17	sw.	John L. McGough.
Farrell	Mercer	855	33	32.8	+1.8	53	8	12	1	1.44	−0.95	0.68	15	2.5	8	14	11	6	sw.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	3	28.6	.....	59	3	5	25	1.87	.....	0.53	15-16	2.1	8	9	3	19	w.	U.S. Engineers.
Franklin	Venango	987	72	29.2	−0.2	56	7	9	1†	1 74	−1.45	0.52	15	4.0	11	6	1	24	n.	William K. Fuller
Greensburg-2 S	Westmoreland	1,160	37	30.7	−2.1	59	3	2	29	1.50	−1.66	0.44	7-8†	3.4	10	9	3	19	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	45	29 4	−1.4	58	3	2	29	1.32	−1.98	0.51	15-16	2.7	10	4	9	18	w.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	5	§30.6	.....	57	7	.....	.....	1.84	−0 39	0.65	15-16	.....	12	5	7	19	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	64	31.8	−0.5	62	3	12	1†	1.82	−1.78	0.66	7-8	6 6	12	12	3	16	s.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1,750	31	24.6	.....	50	8	− 5	30	2.56	−0.78	0.71	15	16.9	16	7	1	23	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	52	27.8	−1.2	54	7	3	1	2 30	−0 76	0.71	15	9.7	14	5	3	23	sw.	City of Meadville.
Midland	Beaver	780	10	31.6	−1.4	58	3	14	25	1.32	−1.01	0 67	15	2 7	9	3	6	22	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	66	31.0	+0.1	57	3	8	1	1.61	−1.00	0.61	15-16	2 4	12	4	9	18	w.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,286	13	32.6	+0.6	58	3	15	29	1.19	−1.67	0.55	15-16	2.6	10	5	4	22	s.	U. S. Weather Bureau
Putneyville-2.5 SE	Armstrong	1,270	3	26 6	.....	57	3	4	1†	1.65	.....	0.69	15	3.3	7	5	8	18	w.	U.S. Engineers.
Ridgway	Elk	1,385	39	26.3	−1.4	54	7	1	31	1 58	−1.15	0.64	15	4.0	11	7	4	21	s.	West Penn Power Co.
Somerset	Somerset	2,100	75	28.5	−0.4	54	3†	1	24†	1.41	−2.30	0.47	7 8	8.6	14	5	5	21	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	27	28.2	−1.0	53	5†	2	1	1.45	−1.79	0 48	7-8	4.8	13	7	5	19	w.	Allen F. Yoder.
Tionesta-1.5 SE	Forest	1,200	9	26.6	.....	52	8	3	29	2.00	+1 01	0.70	15-16	4.9	11	5	1	25	sw.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	3	27.4	.....	52	8	3	20	2.61	...	0.68	15-16	7.5	19	3	12	16	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	58	33.6	−1.3	58	5	8	29	1.47	−1.84	0 40	15-16	5.5	13	10	4	17	sw.	William W. Marsteller.
Vandergrift	Westmoreland	825	32	.....	.....	.....	.....	.....	.....	1.40	.....	0 50	15	4.3	9	.....	.....	.....	.....	Carnegie-Illinois Steel Corp
Warren	Warren	1,190	58	28.6	+0.1	54	8	4	30	1.92	−1.23	0.54	15-16	12.5	15	10	10	11	sw.	Merrell L. Jordan
Waynesburg	Greene	1,100	17	29.5	−4.8	58	3†	2	29	1.54	−1.23	0.64	7-8	3.9	8	5	15	11	w.	Mfr's Light & Heat Co.
Division mean			....	**29.2**	**−1.4**	**62**	**3**	**− 5**	**30**	**1.72**	**−1.27**	**0.76**	**15–16**	**6.5**	**11**	**7**	**6**	**18**	w.	
Lake Drainage																				
Albion	Erie	900	3	28.8	.....	45	2†	6	24	1.66	.....	0.63	7	.....	19	3	12	16	sw.	Albion High School
Erie	Erie	705	73	32 2	+0.3	56	8	14	20	2.30	−0.53	0.79	4-5	6.8	16	4	2	25	w.	U. S. Weather Bureau.
State mean			....	**29.6**	**−1.6**	**66**	**2**	**− 5**	**30**	**1.52**	**−1.53**	**1.25**	**15–16**	**6.3**	**10**	**8**	**7**	**16**	nw.	

[See page 96 for explanation of reference marks.]

Daily Precipitation for December 1947

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike						.17		.15			.13					.86								.35		.53	.54					2.73
Equinunk[2]	Wayne			.01	.03	.02	.19		.15	T	T	.06					.74							.11	.20		.17	.41					2.09
Hawley[2], 0.5 E	Wayne					T.	.16		.20			.07			T.		.46						T.	.07	.23		.18	.66	.01	T.			2.04
Hollisterville[2]	Wayne			T	T.	T	12	.01	.10	T.	.01	.04	T		.01		.41	T.	T.	T.				T	.20		.15	.31	.06				1.51
Lakeville[2], 1 N	Wayne					T	.14	.02	.13			.08	T	T.	T.		.15							.06	.15		.18	.51	T.	T.			1.72
Matamoras[2]	Pike						.24		.36			.14					.69							.06	.39		1.52						3.52
Milanville[2]	Wayne						.18		.09			.06					.38							.14	.22		.11	.41				T.	1.59
Mount Pocono[1], 2 N	Monroe		T.		T.	.15	T.	.06	.06	T.	.10	T.	T	T		.36	.85		T.			T.	T.	.27	T.		.85	.02	.01	1		T.	2.76
Pecks Pond[2]	Pike						.21		.12			.09					1.11							.13	.15		.31	.51					2.63
Pleasant Mount[1, 5], 1 W	Wayne					•	.14	.23	.12		.07					.11	.43							.35			.42	.08					1.98
Stroudsburg, 2 E[2]	Monroe					.03		.29	.02		.01	.10					1.25							•	.22		•	.96					§2.87
Tanners Falls[1, 5], 1 SE	Wayne					.03	.15	.18	.11		.10				.21	.25									.39		.41						1.83
Wind Gap[1, 5], 3 SW	N'rthampton					.04	.06	.12	.17		*	.11			.40	.62								•			•	•	•	.27			1.79
LEHIGH																																	
Allentown Apt[1, 5, 9, 4 NE]	Lehigh					.05		.06	.19		.17	T.				.54	.21							.18			.39		T.			T	1.79
Allentown[2]	Lehigh						.05		.22	T.		.11					.78						.01		.15	.21		.26		T			1.79
Bethlehem[1]	N'rthampton					.09		.06	.16		.09					.50	.23							.09			.80		T.				2.02
Blakeslee Corners[1, 5]	Monroe					.09	.02	.05	.15							.43	.27							.28			.48	.02					1.79
Gouldsboro[2]	Wayne				.03		.20		.11			.06	T.											.11	.19		.03	.43				.04	§§
Lansford[2]	Carbon					T.	.17		.28			.14					.81							.08	.10		.20	.15				T.	1.93
New Tripoli	Lehigh					.11		.07	.24		T	.13					.72							.21			.31		T.			T	1.97
Palmerton[1, 5]	Carbon					.07		.09	.12		.11	T.				.40	.39							.14			.14						1.46
Zionsville, 1 SW	Lehigh					.08			.20			.12					.89							.65			.40						§2.34
SCHUYLKILL																																	
Conshohocken[2]	Montgomery						.05		.14			.24					.94							.01	.10		.41						1.89
Fredericksville[2], 1 S	Berks					.02	T.		.23			.17					.90							T.	.15		T	.30					1.77
Geigertown[2]	Berks						.06		.24			.20					.82								T.		•	.05					1.37
Gratersford[2]	Montgomery						.11			.02	.07	.06					1.12							.11	.12		.21	.51					2.36
Phoenixville[2], 1.5 SE	Chester					T.	.41		.15			.30					.81							.09	.15		.28	.17					2.39
Port Clinton[2]	Schuylkill						.06		.38			.08					.62							.03	.08		.28	.06					1.59
Pottstown[2], 0.5 S	Montgomery						.06		.09	T.		.04					1.22											.58					1.99
Pottsville[2]	Schuylkill						.03		.32			.14					.64							T.	.20		.20	.10	T	T.			1.63
Reading[1, 5]	Berks					.05		.06	.14		.12					.39	.10							.17			.25						1.28
Strausstown[2]	Berks						.03		.28			.25					.59							.13	.09		.24	.03					1.64
Virginville[2]	Berks				T.	.08	T.		.28	.03		.18					.57							.05	.05		.26	.02					1.52
Wernersville	Berks					.05		.08	.13		.09	.04				.07	.48							.18			.25						1.37
LOWER DELAWARE																																	
Coatesville[2]	Chester					T.	T		.23	T.		.24					.75							.03	.07		.20	.06					1.58
Doylestown	Bucks					.02	T.		.22			.18					.79							.20	T.		.76						2.17
George School[6]	Bucks					.07	T.	T.	.19		.11	.14				.10	.89							.03	.07		.76	T.					2.36
Maple Glen[7]	Montgomery					.03	T.		.22			.27					.83							T.	.10		.36	T					1.81
Marcus Hook[2]	Delaware					T.	.01		.22	.02		.27					.81							T.	.07		.19	.42					2.01
Philadelphia																																	
Southwest Airport, 1	Philadelphia					.01		.07	.17		.24					.57	.22							.05			.47	T.				T	1.80
City Office[1, 5]	Philadelphia					.02		.05	.09		.30					.63	.24							.06			.50						1.89
Shawmont	Philadelphia					.05	T.		.12		T.	.25				T.	1.00							.08			.54						2.04
Quakertown, 0.5 E	Bucks					.05			.18			.15					.88							.22			.58	.03	T.				2.09
West Chester	Chester					T.		.01	.16		.29					.07	.90							.14			.30						1.90
West Grove[2], 1.5 SE	Chester					T.	T.		.28	T.		.25					1.10						T	.12			•	.50					2.20
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga					.24		.12	.02		.02					.24	.13								.02		.04		.04				0.87
Covington[2]	Tioga					.06	T.	T.	.11			.05	.03				.43							T.	.06		.04	.08		.02			0.88
Lawrenceville	Tioga					.15		.22		T.		.03	T	T.	T		.45							T.			.12	.10	.05			T	1.12
NORTH BRANCH																																	
Berwick	Columbia					.11		.09	.22		T.	.05			T.		.23							.14			.25				.01		1.19
Canton[2], 1 NW	Bradford					.10	T.	T.	.18	T.		T.	T.	T.			.64							.04	.05		.15	.10	.03	T.			1.29
Danville[2]	Montour					.05	.07		.30			.05					.50							T	.06		.30	.03					1.36
Freeland[2]	Luzerne					T.	.05	T.		T.	.03	T.	.15	.75	.04		.75	.12						.10	.14		.15	.25	T.	T.		T	2.53
Hop Bottom[2], 2 S	Susquehanna			T.	T.		.17	.01	.22			.01					.45							T.	.22		.20	.12				T	1.40
Millville[1, 5]	Columbia					.05		.21	.07		.07					.26	.13							.04			.10						0.93
Montgomery[5], 2 S	Bradford	T.		T.	T	.06	.03	T.	.10		T.	.05	T		T		.44		T					•			•	.43	.01	T		T.	1.12
Montrose[2], 3 E	Susquehanna			.40	.10	T	.11	T.	.31	T.		.03	T		T		.44						T.	T.	.22		.08	.46	.01	.02		.04	2.21
Orwell[7], 3 N	Bradford				.05	.06	.03		.14			.01					.29								.09		.09	.12				T	0.91
Park Place[1], 1 NW	Schuylkill					.08	T.	.14	.07	T.	.07	T	T.	T.	T.	.23	.38					T.		.14	T.		.23	.06	T.			T.	1.40
Pikes Creek[1, 5]	Luzerne					.12		.07	.09			.03				.27	.19						.01	.19			.23		.03				1.24
Rush[2]	Susquehanna		T.	T.			.12		.18			.05					.38								.09		.15	.15	.03				1.15
Scranton[1, 5]	Lackawanna		T.		T	.10	.01	.08	.02	T	.03	T.		T		.21	.15		T.					.20			.36	T	.06	T.	T		1.22
Susquehanna[2]	Susquehanna		.02	.02	T	.24	T.	.15	.04	T	.07	.02					.31	T.		T.		T.		T	.08		.05	.30	T.	.03	T.	T	T	1.33
Towanda, 1 E	Bradford	T.	T.	T	.03	T	.17	T.	T.	T.	.02	T.	T.	T.	T.	T.	.36	T.	T.		T.	T.		.12	T.		.17	.06	.05	T		T.	0.98
Tunkhannock	Wyoming			T.	•	.12	T.	.09			.06					.65		T						T.	.15		.11	.14	.05				§1.37
Wilkes-Barre[1], 3 N	Luzerne		T.		T.	.11	T.	.14	.01	T	.04	T.	T.	T.		.19	.09		T.	T.		T.	T.	.10	T.		.24	.01	T.	T.	T	T	0.93
WEST BRANCH																																	
Bellefonte[2]	Centre				.06	.08					.06						.40										T					.10	0.70
Carrolltown[2]	Cambria					.07	.22	.01	.64	T	T	.06			01		.52	.05						.02	T.		.04	.10	T.				1.74
Carter Camp[2]	Potter					.18	.12		.35	T.		T.			T.		.75							T.				.10	T.				1.50
Cedar Run[2]	Lycoming					.11	.06		.16			.04					.80							.02	.02		.05	.06	.05			.04	1.41
Clearfield[2]	Clearfield				T.	.18	.38		.50	T		.01	T.		T.		.56	T.						.03			T.	.02	T	T.		.09	1.77
Coalport[2]	Clearfield					.31		.10	.45					T	T.		.45							T.	T.			.10					1.41
Curwensville Apt[1] 6 NW	Clearfield			.01	.06	.28	.06	.25	.17	.01	.02	.02	.02	.02	T.	.62	.09	T.	T.	T.		T.		.03	T.		.09	.02	.03	T.	.04	.12	1.95
Driftwood[1, 5]	Cameron					.20		.13	.10							•	.58												.09			.02	1.12
Dushore[1, 5]	Sullivan					•	•	•	.32		.07	.03				.20	.15							.07			.27				.05	.03	1.19
Eagles Mere[2]	Sullivan					.08	.07	T.	.26			.09	T.				.48						T.	T.	.14		.09	.20	.05	T.			1.46
Emporium[2], 1 E	Cameron					.03	.22		.31	T.		.03			T.		.44	.02	T.				T.				T.	T.	.06		.18	1.24
English Center[1, 5]	Lycoming					.16		.10	.08							.51	.22										.09		.02			.02	1.20
Galeton	Potter				T.	.20	.01	.21	T.		T.	.09		T		T.	.60	T.				T.					T.		.08			T.	§1.19

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Daily Precipitation for December 1947—Continued from page 91.

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield	T.				.24	.24		.39			.02	.01				.67	T.						.04	T.	T.		T	T.	T.		.02	1.63
Lock Haven[2]	Clinton					.07	.07		.31			.02					.51							.01								*.10*	§1.09
Medix Run[1, 5]	Elk				.02	.24		.18	.13		.02	.03				.41	.04										.01	.04	.05	.02		.05	1.24
Philipsburg[1, 5, 7 E]	Centre			T.	.09	.15	.02	.21	.13	T.	.08	T.	.01	.01	.01	.53	.04	T.	T.			T.		.03			.03	.06	.01	T.	.04	.19	1.64
Renovo[2]	Clinton					.15	.16		.27	T.		.01					.70	T.						T.					T.	.05			1.34
State College[1, 5]	Centre			T.	.07	.14	T.	.21	.05	T.	.06	T.	T.	T.	T.	.38	.07	T.						T.			.02	T.	T.		T.	.14	1.14
Tamarack[2], 2 S	Clinton	T.				.28	.06	T.	.33	T.	T.	.02	T.		T.		.56	T.	T.	T.			T.	.01	T.		T.	T.	.20	20		T.	1.66
Trout Run	Lycoming																																
Tyrone[1, 5], 4 NE	Blair				.03	.20		.27	.16		.04					.31	.22										•	•	.08			.10	1.41
Wellsboro[2]	Tioga					.14	.01		.21	T.		.01	T.		T.		.59		T.					T.	.01		.04	.01	.01	T.		T.	1.05
Williamsport Apt.[1] 4 E	Lycoming				T.	.07		.17	.25	T.	.04	T.	T.	T.	T.	.40	.10	T.						.06			.06	T.	.1		T.	.01	1.17
Williamsport[2]	Lycoming					.06	.09		.25			.06					.46							T.	.06		.11	.06		.06			1.21
Williamsport[2], 4 SE	Lycoming					.02	.03		.26			.06			T.		.57	T.	T					•	*.08*		•	.16	T.	.01		T.	§1.19
JUNIATA																																	
Altoona, 4.5 W	Blair					.12	.04	.20	.41		T.	.07				.08	.52							T.			.08	.02	T				1.54
Breezewood[1], 0.5 E	Bedford					T.		.17	.06		.04					.27								.03			.04						0.61
Buffalo Mills[2]	Bedford								.27								.43											.10					0.80
Burnt Cabins[1], 2 NE	Fulton				T.	T.		.16	.05		.02					.30	T.							.01			.05						1.41
East Waterford[2], 3 E	Juniata	T.				.08	.03	.01	.30	.06	T.	.10	T.	T.	T.	T.	.39	T.		T.	T.		T.	T.	.02		.11	.02	1	.02	T	T.	1.14
Everett[2], 0.5 SW	Bedford						.04		.22	.04		.03					.38	T.							.02		T.	.06					0.79
Huntingdon[2]	Huntingdon					.06	.09		.44	.04		.04					.28	T.							T.		.01	.02		T.		T.	0.98
Lewistown[2], 1 W	Mifflin					.07	.04		.30	T.		.04					.29										.05	.03				.01	0.83
Mapleton Depot[2]	Huntingdon					.03	.01		.28	T.		.05					.29								.01		T.	T		T.			0.67
Martinsburg[1, 8]	Blair				.04	.05	T.	.24	.19	T.	.09		T.	T.	T.	.34	.02			T.				T.			.04	T.	T.			T.	1.01
McConnellstown[2] 4NW	Huntingdon					.08	.07		.46			.04					.15																§§
Neffs Mills[1, 5, 3.5 NE]	Huntingdon					.10		.23	.20		.07	.02				.27	.16										.11					.10	1.26
New Bloomfield	Perry																																
Newport[2]	Perry					T.	.02		.25	T.		.10					.38							T.	.01		.30	T.				T	1.06
Saxton[2], 1 W	Bedford					T	T.		.30	.15																							§§
Shade Gap[1, 5, 0.5 SW]	Huntingdon							.12	.10		.13					.11	.19									.02	.02						0.69
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams					T.	.03		.22			.15					.41										.16						0.97
Beavertown[2]	Snyder																																
Bloserville, 1.5 N	Cumberland					.04	T.	.18	.11		T.	.13				T.	.35							T.			.17	T.	T.			T.	0.98
Carlisle	Cumberland					.03		.10	.06		.04	.06				T.	.44							.08			.18						0.99
Columbia	Lancaster					.03	T.	T.	.20		T.	.16					.49							.11			.24						1.23
Dauphin[2], 3 N	Dauphin					T.	.01		.03			.14					.43							T.	T.		.19		T.	T			0.80
Ephrata	Lancaster					.05	.01	.03	.19		.09	.08				.02	.44							.19			.37						1.47
Glen Rock[1, 5]	York							.08	.11		.15	.05				.60	.03							.05			.18						1.25
Gordon	Schuylkill					.08	T.	.12	.20			.12					.62							.21			.28						1.63
Grantville, 2 SW	Dauphin					.04		.08	.24		.03	.17					.41							.12			.23						1.32
Hanover[2]	York					.01	.01		.16	T		.20					.49							T.	.06		.20	T.				T.	1.13
Harrisburg Apt[1, 5, 3.5 S]	Dauphin				T.	.04		.20	.10		.17	T.				.34	.01							.10			.19		T.		T.		1.15
Holtwood[2]	Lancaster					T.	T.		.11	T.		.08					.62								.13		.27	.06				T.	1.27
Huntsdale[2]	Cumberland					T.	.04		.22	T.		.12					.45							T.	.02		.14	T					0.99
Kirkwood[1, 5, 1 SW]	Lancaster															.70	.11							.10			.40						§§
Lancaster	Lancaster					.03		.03	.12		T.	.26					.48							.12			.20						1.24
Lebanon[2]	Lebanon					T.	.03		.28			.16					.43							.11	.10		.21	.02					1.34
Middletown[1], 1.5 W	Dauphin				T.	.03		.17	.12		.03					.34	.07							.07			.07					T.	0.90
Millersburg[1, 5, 2 E]	Dauphin					.03		.17	.10		.07					.37	.07							.07			.16						1.04
Milroy[2]	Mifflin					.14		T.	.31			•				•	.23										•	•				.20	0.88
Newburg[1], 3.5 NW	Cumberland				T.	T.		.18	.01		.10	T.				.30	T.										.13		T.		T.		0.72
New Park	York							.05	.20		.15	.03				•	*.60*							.07			.30						§1.40
Pine Grove[2], 1.5 NE	Schuylkill					T	.06		.21	T.		.18					.58							.03	.09		.25	.04		T.		T.	1.44
Selinsgrove	Snyder					.03	T.	.20	.03		T.	.09					.55							.02			.14	T.				.05	1.11
Shamokin[2]	Northumberland					T	.07		.26			.07					.30								.12		T.	.20				T.	1.02
Shippensburg	Cumberland					.13	T.	.20	.05		.11	.05					.40							.02			.11	T					1.07
Sunbury[2]	Northumberland					.02	.09		.30	.01		.09					.67							T.	.04		.14	.20		T		T.	1.56
Wellsville	York					.02		.08	.14		.09	.01					.45							.07			.20						1.06
Williamstown[2]	Dauphin						T.		.24	T.		T.					.50							.06			.25					T.	§1.24
York, 3 SW	York					.04		.02	.19		.07	.27					.55							.06			.25						1.45
York Haven[2]	York						.08		.22	T.		.12					.44							.09	.07		.24	T.					1.26
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin					.10		.15	.03		.11					.35	.12							.02			.07		T.				0.95
Gettysburg	Adams					.03	.01	.06	.17		.05	.12				T.	.41							.02			.16						1.03
Hewitt, 2 SW	Bedford					.05		.17	T.							*.06*	*.25*							T.			*.15*						§0.68
Hyndman[2]	Bedford					T.	.10		.26			.06					.39								T.		T.	.07					0.88
McConnellsburg[2]	Fulton					T.			.20			T.					.25										T.	T.					0.45
Mercersburg[2]	Franklin					.03			.25			.04					.40								T.		.03						0.76
South Mt. San't'm[2]	Franklin					.01	.03		.19			.21							38					T.	.05		.10	.02				T.	0.99
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny																																
Allens Mills[1, 5]	Jefferson				.03	.36	.07	.40	.10		.08			.03	.02	.53	.10									.02	.08	.07		.01	.01		.23	2.14
Blairsville[1], 6 NE	Indiana				.02	.21	.04	.29	.48	T.	.05	.09	T.	.09	.02	.55	.04			T.		T.		.09			.22	T.	.05	T.		.01	2.25
Boswell[2], 6 NW	Somerset					.02	.39		.70			.09	.02		.03		.72	.14					.02	.02	.07		.04	.14	T.	.03			2.43
Bradford, 4 W	McKean	T.	T.	.05	.23	.43	.10	.20	.11	.08	T.	.03	T.	.08	T.		.60	.02	T.			T.		T.			T.	.05	.14	.05		.02	2.14
Brookville[1], 1.5 SW	Jefferson	T.		.02	.05	.21	.06	.25	.03	.02	T.	.01	T.	.03	T.	.63	.13	T.	T.			T.					.09	.01	.01	T.	T.	.14	1.69
Buckstown[1, 5]	Somerset					.19	.09	.20	.17		.05					.20	.25						.06	.09	.05		.10	.01	.05	.03	.04	.03	1.61
Clarion[2], 3 SW	Clarion				.02	.30	.30		.34						T.		.55										.01	.05	.02	.01		.12	1.72
Corry	Erie		.01	.13	.11	.74	.10	.28	.06	.03		.09	.02	.06		T.	.76	.04									.03	T.	.12	.09	T	.04	2.71
Coudersport	Potter					.46	.16	.08		.21	•	•	.11		.01		.19	•											.51				1.73
Coudersport, 7.5 E	Potter		.03						.36																				.09				§§
Derry	W'moreland					T	.22	.19	.28	T.	T.	.07			T.	T.	.24					T.		.11			.10		.05		T.	1.26
Donegal[1]	W'moreland				.08	.35	.05	.25	.40	T.	.10	T.	05			.40	.20					.01		.10			.15	.05	T.		.12	2.31
Dunlo[1, 5, 0.5 SW]	Cambria					.19	.01	.40	.37		.02	.04		.03	.03	.12	.32							.08		•	•	•	•	.29			§1.84
Ebensburg[2]	Cambria					.10	*.10*	.04	.70		.01	.07	.03		*.04*		.58	.06						.04			.07	.09	.03	T.		T.	§1.96
Ford City[2], 4 S	Armstrong					.13	.11	T.	.42			.02	T.		T.		.53							.05			.09	.02	T.	T.		T.	1.37
Franklin[2]	Venango	T.			.10	.24	.22	T.	.32	T.		.02	T.	T.	.07		.52										.02	.03	T.	.05		.15	1.74
Glen Hazel[2], 1 NE	Elk			T		.25	.30	T.	.38	.04	.04	.03	.02	T.	.02		.68	T.	T.									.04		.09	T.	.06	1.95
Home[1, 5]	Indiana		.04	.17	.08				.42	.12	.03	.15			.04	.02	.51	.10						.10		.01	.09	.04	.03			.05	2.00
Indiana	Indiana					.05	.09	.14	.36			.08				T.	.15	.36						.06			.07	.01				T.	1.32
Johnstown[2], 0.5 W	Cambria					.11	.11	T.	.66	.02	T.	.07	T			T.		.62	T.				T.	T.	.02	.02		.02	.09	.06	.02			1.82

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean		T.	.13	.21	.51	.02	.39	14	04	.01	.02		.01		.71	11	T.	T.			T.					01	.02	.19	T.	T.	.04	2.56
Kregar[1], 4.5 SE	W'moreland				.08	.46	.03	.32	.53	T.	.13	.03	T.	.04		.66	.30										.49	.05	.16			.04	3.51
Lyeippus, 1.5 E	W'moreland				*	*	*	*	*	*	*	*	.90			.35								.19			.22	.01	.04			T	[1] 64
Marienville[1, 5]	Forest			.06	.09	.51	.09	.32	.04	.01					.03	.65	.12									.02	.05		.10			.10	2.23
Meadville[2], 1 S	Crawford	.02		T.	.32	.38	.19	T.	.39	.02	T.	.05	.01	T.	.03		.71	.03	T.	T.	T				1		T.	.04	T.	.01		.10	2.30
Mosgrove[2]	Armstrong				.02	.15	.09		.42	.05	T.	T	T				.77	T.						T.			.05	.04	T.	.02		.01	1.63
Parkers Landing[2]	Armstrong					.25	.28		.36	1	T.			T	T.		.67	T.									.05	T.				.17	1.78
Pittsburgh Cty Of[1, 5]	Allegheny			T.	1	13	.03	.30	.09	T.	.01	T.		T		.68	.05							.04			.10		T.			T	1 43
Port Allegany[2]	McKean	.01			.06	.25	.24	.02	.29	02	T.	.02	T.	T.	.01		.53	.01	.02	T.		.01						01	.06	.03		.01	1.60
Punxsutawney[2]	Jefferson					14	.15		53			T.					67							T			T	T.				.15	1 64
Putneyville[2], 2.5 SE	Armstrong				T.	.13	.25	1	.38	T.		T.	T	T	T		.69							T.			.03	.07	T			.10	1.65
Ridgway[2]	Elk	T.			T.	.26	.18	T.	.31	.02	T.	01	T		.01		.64	.03									T.	T.	.05	.05		02	1.58
Saltsburg[2]	Indiana					.06	.11	T	41		T.	.03	.01	T.	T		.53	T.					T	T.	.03		.05	.09	T.	T.			1.32
Seward[2]	W'moreland						14		.64	.21		.16			.02		42	.10							.11			26		.08			2.18
Sheffield[1, 5, 6 W	Warren	.01	.04	.14	.21	.65	.02	.47	.09	.02	.03			.06		.64	11										.01	.04	.12	.04		.04	2.74
Smethport[1, 5, 1 SW	McKean				*	*	*	*	*	1.20		.01	.02		.02	.46	.21										.02	.04	.12		.04	.07	2.21
Strongstown[1, 5]	Indiana				.03	.24	.07	.36	.39		.05					.42	.23							.05			.12						1.96
Tionesta[2], 1.5 SE	Forest	T.			.09	.29	.30	T.	.44	.05	T.	T.	T.	T.	.01		.70	T.				T					.01	.03	T	.01		07	2.00
Titusville, 2 S	Crawford			.05	.17	.58	.16	.30	.09	.06	03	05	.01	.06	.04		.68	.05	T.					T.			.08	.03	.05	T.	02	.07	2.61
Union City[1, 5]	Erie			.17	.12	.52		.47	.01		.05	.01		.04		.53	.09	.02								.02	.03		.01		.03	.03	2.15
Vandergrift[2]	W'moreland					.09	.13		.35	.08		.05					.50						T.	12	.05		.03						1.40
Warren[2]	Warren	.03		T.	.21	.38	.32	.01	.05	.03	.02	.02	.01		T.	T	.54	.09	.02						T.			T.	.11	.08	T.	T.	1.92
Youngsville[1, 5]	Warren	.03	.05	16	.60	.10		.33	.07		.03	.05	.02	.03	.03	.79	.16							*		*	.04	.01	.09	.02		.05	2.66
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	T.			T.	.06	.10	*	*	*	.66	.06	T				.48	T.						.01	.04		.02	.16		T.			1.59
Connellsville[2]	Fayette					T.	.07	T.	.54	T.		.03			T.		38							T.	.12		.05	09	T.				1.28
Donora[1]	Washington				.05	.03	.01	.40	T.	T.	.01	T.		T		.45	.01					T.		.08	T.		.09	01	T.			T.	1.14
Greensboro[2]	Greene				.04	05			.41	T		.07	T.				.51	T.						.02	.11		.04	.07					1.32
Greensburg, 2 S	W'moreland				.0	T.	.22	.19	.25	T.		.04		T		.18	.26							.10			.20	T.	.01			T	1.50
Irwin	W'moreland				T.	.05	.01	.33	.36	T.	T.	.03	T.	T	.02	.10	.29							.09			.11		T	T		.01	1 40
Meyersdale[2]	Somerset					.04	.08		.32	.02		.05					.39							.02	.09		.01	.10					1.12
Murrysville // [1, 5]	W'moreland					10		*	.45	.01	.03	.01				.50	.05							.06			13						1.34
Pittsburgh Arpt, [1, 5]	Allegheny		T.	T.	.02	.07	.04	.24	.09	T.	.01	1		T.	T.	.52	.03			T.		T.		.06	T.		.11	T	T			T.	1.19
Rices Landing[2]	Greene				.10	.14			.50			T.					.57							.02	.16		.05	.08					1.71
Somerset	Somerset				.01	.04	.11	.19	.28		.05	.02		T	T	.10	.24							12			.18	.05	.01			.01	1 41
Springs[6], 1 SW	Somerset				T.	11	.11	.16	.32	T.	.10	.01	T.	.01	T.	.29	.11	T.						.12	T.		.08	.02	.01	T.		T	1.45
Uniontown	Fayette				.08	.02	.02	.16	.36		.05	.02		.01		.23	.17							.14			17	.04	T.			T.	1.47
Waynesburg[2]	Greene				.05	.06	.02		.64			T.	T.				.63	T.						.04	T.		.04	.06					1.54
BEAVER																																	
Beaver Falls[2]	Beaver				.02	.09	.03	T.	32	T.	T.	T.	T.		T		.48	T.						T.	T.		T.	.15	T.	T.		T.	1 69
Butler	Butler						.03	12	.18	.01		T.	T.		T		.55										.05	.01		.01		.01	0.97
Farrell[2]	Mercer					13		*	.38			.03			T.		68										.02	.05				.15	1 44
Greenville	Mercer			.02	.11	34	.04	.39	T.		.03	.01		.06		.08	.69					T.		T.			.06	T.	T		.02	.15	2 00
Jamestown[2], 2 NW	Mercer	T.	.01	T.	.17	.30	.12		.37	T.	T.	.04	T.	01	T.		.65	.01							.01		.03	T.				.12	1 84
Mercer Arpt, [1, 2.5 NE	Mercer		T.	.10	.02	.28	.01	.35	T	T.	.02	.02	T.	.03	T	.66	.04	T.	T.	T.		T.		T.			.11	T.	.02	T.	.05	.23	1 94
New Castle[1], 1.5 N	Lawrence			.04	.07	.22	.01	.31	T		.01	T		.01		.54	.07						T.	T.			.20		T		.02	.11	1.61
Pennline, [2], 1 S	Crawford		T		.33	31	.22		.43	T.	T	.05	.03	.01	.02		.59	.08								.02		.03	.03		T.		.08	2.18
OHIO																																	
Claysville[2]	Washington				.03	.06		.22	.27		T.	.01				.38	.32							.08			09	.01					1.47
Coraopolis[2], 1 E	Allegheny																																
Midland[2]	Beaver	T			.01	.05	.04		.39	T.	T.	.01	T.		T.		.67							.02	T.	T.	.02	.11		T.			1.32
Washington[1, 5]	Washington		.04	.03		.14	.09	.23	.18	.01						.61	.02							.12			.07	.03			.02	.01	1.60
LAKE DRAINAGE																																	
Albion[2]	Erie	.04		.02	.06	.03	.06		.63			.03	.02		.02		.58	.01	.01	.06							.01	.02	.01	.02	.01	.02	1.66
Erie[1, 5]	Erie		.03	.39	.22	.62	T.	.21	.06	T.	.07	.04	.03	.05		.28	.20	T.	T.	.10		T.		.01			T.	.01	.03	T.	T.	T.	2 30
Raymond[1, 5]	Potter		.03	.08	.06	.30	.05	.12	.06		.01	.05				.48	.12										.03	.03	.08		.01	.06	1.57

[See page 96 for explanation of reference marks.]

Daily Temperatures for December 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/.	Maximum..	38	45	43	40	43	45	45	41	32	31	32	30	28	35	44	44	38	28	29	38	33	33	32	35	36	35	31	33	35	38	36	36.3
	Minimum..	14	18	18	30	32	31	31	35	25	18	26	22	21	18	21	28	17	17	17	7	18	19	23	6	21	21	20	19	22	15	28	21.2
Allentown Arpt.[1,9-4 NE	Maximum..	38	51	57	50	38	42	42	50	38	36	34	37	33	35	42	52	33	44	35	34	39	42	33	30	32	29	31	33	28	30	36	38.3
	Minimum..	15	20	27	30	29	36	38	36	27	20	19	17	18	14	15	29	23	22	19	12	19	23	26	16	9	17	25	23	16	13	26	21.7
Allentown /.....	Maximum..	40	53	59	44	44	42	45	52	44	37	36	39	35	36	55	45	38	38	38	34	40	42	35	34	32	32	37	38	31	31	38	40.1
	Minimum..	17	20	27	29	29	29	35	35	31	22	23	21	20	17	17	19	24	25	22	16	17	23	24	20	13	12	21	27	20	14	17	22.1
Altoona 4.5 W.....	Maximum..	43	49	60	51	45	40	85	54	34	28	30	32	30	39	33	37	34	47	33	34	39	34	36	34	33	32	33	31	30	32	40	37.5
	Minimum..	13	25	36	33	28	33	30	34	22	14	24	25	17	19	18	27	16	27	23	9	28	15	22	15	10	19	23	20	15	10	27	21.7
Arendtsville/	Maximum..	43	56	60	46	45	42	42	57	36	33	34	39	35	37	41	42	39	47	31	34	40	39	40	37	33	35	38	35	37	34	43	40.3
	Minimum..	14	18	23	32	31	31	28	33	27	17	20	21	17	19	15	20	22	26	23	12	15	18	21	21	12	18	22	23	19	13	15	20.8
Beavertown/...	Maximum..	39	48	62	44	43	41	42	53	53	37	39	41	35	38	38	38	40	41	41	35	32	39	38	37	36	34	34	35	35	35	32	36	[39.8
	Minimum..	13	13	20	23	27	24	32	35	17	17	12	10	16	17	16	17	20	20	18	11	35	13	19	13	9	11	19	32	19	6	10	[18.0
Berwick	Maximum..	37	47	58	51	37	41	42	52	42	34	34	38	33	35	46	50	36	42	34	31	39	39	36	34	35	31	35	33	29	27	33	38.2
	Minimum..	14	16	27	34	28	34	33	36	29	20	25	23	16	15	16	32	21	28	19	10	17	20	29	12	9	19	24	27	18	8	23	22.0
Bethlehem[1]	Maximum..	40	53	60	44	39	42	42	50	37	40	36	38	34	36	53	31	43	35	35	39	42	34	32	33	28	35	34	29	33	39	39	38.7
	Minimum..	20	30	36	32	30	38	36	37	28	26	28	26	24	20	22	30	25	24	20	16	23	30	27	20	15	20	28	23	20	16	29	25.8
Blairsville[1-6 NE.	Maximum..	38	48	55	44	52	33	50	52	25	30	26	26	24	37	41	42	33	34	26	42	33	35	32	31	36	28	26	27	24	50	46	37.3
	Minimum..	12	34	41	29	31	29	26	24	11	15	22	17	16	16	27	18	14	22	17	15	26	18	22	15	18	22	21	14	10	17	42	21.6
Bradford-4 W.....	Maximum..	38	36	45	41	37	35	37	50	33	25	29	29	28	36	40	41	29	29	28	38	35	33	33	32	36	33	29	30	25	29	36	34.0
	Minimum..	4	12	31	25	24	27	29	32	21	9	18	22	20	8	13	25	17	17	9	0	19	18	21	1	0	13	24	19	15	− 5	28	16.6
Brookville[1]	Maximum..	35	46	55	40	46	37	46	53	28	29	31	27	26	33	41	44	34	36	32	40	36	35	31	32	39	32	30	29	30	37	44	36.7
	Minimum..	8	12	40	30	30	32	29	28	28	14	26	22	21	16	12	22	16	20	14	7	28	16	23	9	8	22	26	18	10	7	34	19.9
Burnt Cabins[1-2 NE	Maximum..	42	52	59	50	44	39	39	58	34	28	32	36	32	38	32	36	35	45	32	36	37	39	38	32	33	34	34	32	34	35	49	38.6
	Minimum..	9	14	29	31	30	34	27	31	17	12	18	14	10	18	13	24	17	26	12	6	16	9	26	10	4	21	28	22	18	12	25	18.8
Butler.....	Maximum..	35	50	57	42	57	47	55	55	37	29	32	33	27	38	39	46	32	38	34	37	40	40	38	37	40	40	30	32	32	39	47	39.8
	Minimum..	12	24	40	36	33	34	32	32	20	20	27	26	16	16	26	32	17	27	25	11	29	15	30	13	9	21	26	17	15	9	37	23.1
Canton/-1 NW..	Maximum..	37	41	57	36	26	34	40	49	32	26	30	30	30	32	42	39	35	35	29	33	34	37	31	28	31	26	31	25	24	26	40	33.7
	Minimum..	9	15	29	26	20	23	26	29	22	20	20	21	11	14	15	26	20	19	11	7	9	19	20	12	7	18	18	23	13	5	5	17.1
Carlisle..	Maximum..	40	51	60	52	40	45	40	54	47	33	37	40	35	38	35	42	38	46	38	32	40	42	41	37	37	33	40	35	37	42	43	41.0
	Minimum..	17	18	29	31	30	31	35	35	27	17	28	24	18	20	15	30	22	23	23	13	17	19	28	20	10	18	24	27	22	13	23	22.8
Chambersburg[6-1 SW...	Maximum..	39	53	58	51	46	45	40	56	38	36	34	38	34	37	31	40	35	45	32	31	41	40	39	38	36	33	37	35	36	35	50	40.2
	Minimum..	13	16	28	33	32	36	28	37	26	16	20	22	17	19	16	30	22	25	23	12	20	15	27	19	11	21	30	26	20	14	27	22.8
Clarion[6-3 SW	Maximum..	39	47	55	53	49	40	40	54	33	30	35	30	28	36	40	41	33	37	32	42	35	36	33	36	40	32	32	31	32	38	44	38.3
	Minimum..	3	12	30	30	29	31	27	30	22	13	24	24	19	12	12	23	13	22	18	5	20	13	25	6	5	18	24	20	7	4	31	18.5
Claysville.....	Maximum..	44	55	58	51	54	41	46	55	32	33	32	33	28	40	42	46	35	39	32	43	36	39	34	35	39	29	34	33	33	52	50	40.4
	Minimum..	12	21	36	33	35	34	26	31	18	14	26	18	13	18	21	21	16	27	19	11	26	14	28	14	7	17	26	23	4	14	41	21.4
Coalport/.	Maximum..	40	49	57	43	47	35	54	58	27	29	29	31	29	37	42	34	37	35	35	40	34	36	36	33	35	32	30	26	28	43	45	37.5
	Minimum..	0	12	17	30	29	31	29	30	22	10	11	24	13	17	11	12	16	17	19	5	6	12	12	8	3	4	22	24	13	1	4	15.0
Coatesville/.	Maximum..	46	55	63	46	43	45	47	55	39	40	35	39	34	37	56	47	40	47	35	35	39	43	36	33	35	32	37	35	33	35	43	41.2
	Minimum..	15	15	17	30	31	31	28	29	29	21	22	22	17	15	15	17	22	21	24	15	16	18	19	20	9	9	24	23	14	10	14	19.7
Columbia.	Maximum..	41	55	61	51	49	43	43	56	48	37	38	42	35	37	37	49	39	49	39	37	40	42	35	36	35	35	39	36	36	33	46	41.7
	Minimum..	17	25	27	37	31	33	32	38	31	23	23	25	20	18	19	33	26	27	27	13	19	20	30	22	12	23	30	25	28	13	21	24.9
Corry.....	Maximum..	34	41	46	41	41	33	39	52	30	28	31	28	25	38	40	41	30	35	26	34	36	35	31	30	38	31	31	29	24	37	41	34.9
	Minimum..	11	24	40	26	28	32	30	28	23	13	23	24	22	20	28	24	17	19	17	5	28	26	23	7	6	24	25	20	16	− 2	37	21.2
Coudersport..	Maximum..	36	38	18	45	40	49	50	44	34	30	30	30	34	30	38	39	31	35	28	31	34	32	36	34	28	29	30	26	25	35	37	35.0
	Minimum..	3	12	30	29	24	27	29	27	20	8	21	23	18	11	13	27	17	18	12	4	17	18	25	14	2	18	24	16	13	− 1	28	17.6
Curwensville[1-6 NW ..	Maximum..	36	48	53	40	39	32	37	50	25	24	28	26	23	33	36	36	30	32	31	35	32	30	33	28	30	28	27	25	26	34	42	33.2
	Minimum..	7	27	40	24	28	26	24	17	10	18	16	16	12	24	18	33	19	22	13	8	22	13	19	7	10	17	23	14	12	10	33	17.9
Derry.	Maximum..	13	54	59	52	57	38	48	55	36	35	32	31	38	39	45	47	35	39	31	45	38	42	38	34	43	31	30	31	29	55	49	41.3
	Minimum..	13	23	36	33	36	34	31	36	25	17	27	27	15	22	18	29	19	29	25	12	30	15	30	15	19	13	18	28	14	10	41	23.7
Donegal[1]	Maximum..	40	51	58	45	52	33	46	51	26	31	26	29	24	36	40	41	36	34	28	40	36	39	32	29	36	26	28	26	26	46	44	36.5
	Minimum..	3	20	31	29	31	28	24	26	19	13	22	10	10	11	15	20	12	22	16	7	20	10	24	7	7	21	20	14	5	3	39	17.4
Donora[1]	Maximum..	40	56	60	59	58	41	56	42	43	39	32	33	34	40	49	34	34	41	35	47	41	41	41	35	42	31	35	31	35	52	52	42.2
	Minimum..	20	29	42	37	40	36	34	40	28	24	30	28	21	25	26	34	22	34	28	19	33	19	32	25	16	26	28	28	16	19	37	28.3
Eagles Mere/.	Maximum..	30	39	49	31	32	32	35	42	35	35	28	30	28	29	42	35	33	35	25	28	31	35	30	24	27	25	29	27	21	27	39	31.9
	Minimum..	10	12	28	27	21	22	26	26	21	18	18	20	15	15	15	24	15	15	11	8	8	20	20	12	14	11	18	20	13	5	5	16.5
East Waterford[6-3 E	Maximum..	38	48	60	49	37	37	35	51	31	30	27	31	28	35	28	36	31	36	27	32	34	33	32	2	29	30	29	28	26	29	44	34.5
	Minimum..	15	30	42	30	25	31	28	31	21	17	23	22	18	19	25	25	16	24	18	12	25	21	25	15	17	17	23	18	16	16	25	22.3
Ebensburg/.	Maximum..	42	48	53	40	44	33	51	49	24	27	26	26	25	36	39	30	35	32	34	40	34	30	31	33	33	28	26	23	32	45	43	35.2
	Minimum..	8	22	38	29	28	29	27	32	18	14	22	21	14	15	20	29	12	21	22	10	25	15	23	11	14	17	21	20	10	12	31	20.2
Emporium/-1 E	Maximum..	39	38	54	40	42	38	52	50	30	31	34	38	32	32	45	40	38	40	33	39	39	36	40	34	38	31	35	31	30	34	37	37.7
	Minimum..	4	5	16	30	26	31	32	32	24	8	9	24	26	15	10	11	24	24	17	3	18	19	19	7	2	4	25	23	18	2	23	17.1
Ephrata	Maximum..	39	51	60	53	38	43	42	51	38	36	36	40	34	35	36	53	37	46	39	33	39	42	35	35	34	32	37	35	34	34	38	39.8
	Minimum..	20	28	32	38	30	35	33	37	28	22	28	25	22	18	25	32	25	29	24	14	23	22	32	20	12	24	24	28	20	14	24	25.4
Erie[1].....	Maximum..	39	49	49	36	44	39	49	56	31	32	34	32	30	39	45	46	39	39	26	40	35	36	34	31	41	33	35	32	27	36	34	37.7
	Minimum..	21	36	34	29	33	34	34	29	26	27	30	26	25	24	33	28	22	22	23	14	32	29	25	21	21	27	29	24	21	20	36	26.7
Everett[1-0.5 SW.....	Maximum..	44	50	63	53	54	42	39	56	32	32	33	44	32	41	33	42	39	44	33	39	39	38	36	35	35	35	36	33	34	35	41	40.1
	Minimum..	9	14	28	28	32	35	27	30	22	14	19	17	13	17	12	25	18	28	20	12	19	12	25	11	11	11	28	22	15	11	30	19.8
Farrell.	Maximum..	39	49	52	52	51	44	48	53	37	31	33	32	29	39	41	43	30	39	29	40	37	37	35	36	39	35	34	33	31	40	47	39.5
	Minimum..	12	33	40	34	36	37	36	33	29	24	29	28	23	22	28	28	19	26	20	15	30	21	31	17	13	29	30	23	18	18	39	26.2
Ford City /-4 S	Maximum..	40	54	59	44	54	38	55	56	32	31	32	32	28	36	47	36	39	37	37	41	39	40	36	36	40	32	32	29	31	48	48	40.1
	Minimum..	8	8	21	31	32	33	29	30	23	18	20	25	13	15	13	14	17	17	28	9	10	13	12	9	5	7	25	24	11	7	8	17.1
Franklin /.....	Maximum..	39	49	53	39	48	38	56	48	29	31	33	28	29	34	45	35	38	35	32	41	36	37	35	37	40	41	32	32	33	38	47	38.4
	Minimum..	9	11	30	32	30	34	32	33	24	18	18	26	22	19	19	21	18	18	21	11	11	20	20	12	9	11	25	25	17	11	12	20.0
Fredericksville-1 S.....	Maximum..	38	52	59	53	36	41	40	49	15	38	34	37	32	34	34	52	37	43	34	34	39	42	35	38	32	27	3	33	29	34	39	38.7
	Minimum..	10	15	27	35	26	32	30	35	27	16	25	14	12	9	13	31	19	20	18	10	13	16	25	17	6	16	24	24	18	5	24	19.5
Freeland..	Maximum..	35	43	55	50	44	41	38	51	44	31	28	33	27	30	32	45	35	37	24	30	37	37	31	28	28	24	28	26	21	27	39	34.8
	Minimum..	12	26	38	24	20	26	27	30	21	17	21	19	16	15	22	26	15	20	13	8	20	21	26	10	11	14	20	19	10	6	13	18.9
George School[6]	Maximum..	40	53	60	49	36	44	44	51	41	40	38	39	33	36	36	57	36	48	37	35	43	43	38	34	34	29	36	37	30	33	39	40.4
	Minimum..	15	19	26	33	29	34	30	36	32	20	28	17	15	12	15	32	23	27	23	13	20	22	29	18	11	21	26	27	13	7	21	22.4
Gettysburg.....	Maximum..	41	57	62	57	42	46	42	58	50	40	36	38	37	38	35	44	37	47	43	34	40	41	37	39	39	41	39	40	36	38	43	42.5
	Minimum..	16	18	30	40	32	36	30	38	29	20	24	29	21	19	19	31	27	19	29	16	22	19	30	28	12	22	31	28	22	15	31	25.3
Gordon.....	Maximum..	37	51	58	40	36	38	39	50	34	35	32	35	31	34	36	42	36	39	30	32	37	39	35	30	28	28	30	31	27	31	38	36.1
	Minimum..	9	10	24	32	27	32	32	34	27	15	27	15	9	7	12	30	19	19	17	7	13	17	25	14	0	12	23	25	18	4	25	18.7
Greensburg-2 S	Maximum..	43	54	59	50	47	43	43	55	36	37	33	31	29	39	40	48	36	40	32	43	38	38	43	38	33	43	32	33	30	53	50	40.7
	Minimum..	9	14	30	35	36	35	27	36	26	15	29	20	11	15	11	30	16	29	24	11	19	11	27	13	6	16	27	25	2	7	30	20.7
Hanover/.....	Maximum..	42	59	64	48	44	43	47	56	42	37	35	41	34	40	39	46	39	50	31	38	42	45	36	37	38	34	39	37	40	36	45	42.1
	Minimum..	18	19	24	36	32	32	31	33	28	22	23	24	22	20	24	28	25	27	25	17	18	23	27	21	9	13	23	29	17	17	23	23.4
Harrisburg Arpt. 1-3.5 S.	Maximum..	41	54	61	53	45	45	41	55	36	34	36	38	34	37	35	43	37	44	34	34	40	40	36	33	31	33	36	36	34	31	40	39.6
	Minimum..	20	20	33	35	31	38	33	36	28	23	28	27	20	23	21	30	25	28	25	19	22	27	30	18	13	21	32	25	23	17	25	25.7
Hawley-0.5 E.....	Maximum..	41	43	58	52	31	36	40	51	38	39	34	35	33	34	41	46	34	38	31	33	36	39	30	29	34	27	32	29	29	30	33	36.5
	Minimum..	7	13	27	25	21	27	31	35	25	18	25	15	15	10	10	31	18	17	12	4	11	28	25	9	− 4	9	19	16	14	0	28	17.3
Hewitt-2 SW.	Maximum..	44	52	62	55	52	40	58	58	58	48	32	33	38	42	36	40	40	42	40	42	42	41	40	38	38	31	41	40	38	35	35	[42.9
	Minimum..	4	11	25	31	38	35	25	35	25	25	10	10	12	19	14	27	29	18	22	15	27	29	12	19	9	5	19	7	12	15	18	25	[19.4
Holtwood[1].....	Maximum..	41	50	43	50	42	44	43	54	37	37	36	38	39	37	43	50	37	46	32	37	39	41	36	32	36	33	37	35	35	36	37	39.8
	Minimum..	21	22	30	36	34	39	31	37	30	27	28	27	25	21	23	38	27	28	23	18	23	28	30	20	17	24	28	27	23	17	28	26.6

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Daily Temperatures for December 1947—Continued from page 94.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Huntingdon	Maximum	46	47	64	55	45	43	39	56	36	32	34	37	32	41	34	41	40	44	37	38	35	39	40	35	37	36	37	34	35	35	37	§40.1
	Minimum	10	17	28	37	31	37	31	35	24	14	27	28	14	18	13	29	21	31	24	10	18	14	25	25	6	20	30	28	22	10	27	§22.5
Indiana-2.5 SE	Maximum	38	52	58	52	54	41	40	54	37	33	32	30	29	36	42	44	34	38	33	41	38	40	36	35	40	32	31	30	31	45	45	39.4
	Minimum	4	12	28	32	32	33	28	30	24	15	27	28	10	14	11	28	16	27	22	8	21	11	26	9	7	27	15	18	2	7	34	19.4
Irwin	Maximum	45	52	58	56	45	43	42	56	37	34	34	33	30	35	38	35	35	34	31	35	35	38	38	37	42	32	32	30	30	47	46	39.2
	Minimum	12	21	39	33	35	34	33	39	25	17	28	25	14	18	20	30	18	28	23	12	30	13	30	11	10	18	26	26	11	12	40	23.7
Jamestown 2 NW	Maximum	40	48	55	45	50	37	57	44	30	34	33	31	28	40	45	47	39	35	33	41	37	35	37	37	40	32	36	30	35	45	48	39.3
	Minimum	8	11	32	28	28	31	29	31																								§§
Johnstown	Maximum	47	54	62	44	51	38	57	55	31	33	33	34	32	43	46	36	41	39	33	45	36	41	37	37	40	33	33	30	31	50	50	41.0
	Minimum	12	16	31	31	34	35	33	35	25	19	22	28	17	24	19	22	20	23	30	15	18	20	21	15	12	18	28	24	20	12	14	22.5
Kane[1-1 N	Maximum	36	43	46	35	39	34	40	50	29	27	30	2	25	33	41	40	33	32	28	35	33	32	34	30	35	39	29	27	25	32	36	34.0
	Minimum	0	10	34	26	26	29	30	29	16	3	22	21	19	13	11	20	15	12	1	2	27	15	15	0	− 1	18	24	17	− 4	8	32	15.5
Lancaster	Maximum	42	51	62	48	42	44	43	54	50	37	36	40	33	37	37	52	40	48	38	34	40	41	38	35	34	32	35	36	35	32	38	40.9
	Minimum	15	15	26	32	32	31	30	37	28	20	28	23	18	14	16	30	23	24	24	13	17	16	26	18	8	19	21	24	18	8	22	21.7
Lawrenceville	Maximum	43	40	56	48	33	39	38	52	37	30	34	36	30	37	41	42	35	37	27	37	37	36	35	31	36	30	34	31	26	29	37	36.6
	Minimum	10	22	35	25	23	27	30	38	26	23	19	25	20	14	20	31	25	20	13	8	22	22	25	15	5	18	22	14	14	3	24	20.4
Lebanon	Maximum	41	56	63	44	44	41	43	51	37	40	37	38	34	38	41	45	39	45	38	36	39	43	35	32	38	33	36	34	35	35	46	40.4
	Minimum	18	19	22	34	30	29	32	32	29	21	22	22	19	18	19	19	23	23	25	15	16	19	20	21	16	22	22	29	21	14	14	21.9
Lewistown/-2 SW	Maximum	43	46	64	44	45	41	40	56	37	33	35	39	35	41	42	42	43	41	34	38	42	40	41	35	37	34	37	33	35	35	37	40.1
	Minimum	15	15	29	29	29	33	32	33	29	18	20	24	18	20	18	17	23	22	25	13	13	20	32	19	12	12	23	31	19	13	31	22.2
Lock Haven[6]	Maximum	40	55	60	55	37	41	41	54	40	32	35	38	32	40	35	40	37	41	35	32	38	38	36	37	33	30	34	32	31	33	31	§38.5
	Minimum	10	18	32	35	27	37	35	35	29	17	28	2	22	22	11	33	23	27	23	12	19	20	27	13	10	22	29	23	17	11	27	§24.3
Marcus Hook/	Maximum	48	54	54	52	47	50	47	56	44	42	43	44	39	39	57	53	44	55	41	37	45	46	45	42	38	35	42	40	37	38	39	44.8
	Minimum	22	26	30	34	32	33	36	35	32	26	27	28	26	23	25	28	29	30	28	20	23	30	32	27	23	23	28	25	23	21	25	27.5
Martinsburg[1, 8]	Maximum	42	49	58	50	46	39	38	54	29	30	30	31	28	38	34	40	36	40	30	36	39	35	35	33	32	29	32	33	30	35	45	37.2
	Minimum	13	28	42	29	30	32	29	28	21	12	25	2	15	17	16	24	18	26	18	12	25	16	25	17	12	22	25	20	16	13	31	21.8
Meadville/-1 S	Maximum	37	45	48	39	47	37	54	40	28	39	33	29	30	36	44	33	37	29	28	38	34	34	34	34	40	32	31	28	32	41	45	36.6
	Minimum	3	12	34	31	30	33	31	32	23	14	18	21	22	14	19	22	15	16	19	8	10	17	20	9	8	9	24	23	19	13	17	19.1
Mercer[1-2.5 NE	Maximum	35	44	51	36	48	35	47	54	30	29	30	2	27	35	40	43	36	36	30	38	37	34	33	33	39	30	30	27	30	40	45	36.5
	Minimum	9	25	33	30	31	32	20	26	24	18	24	17	20	15	22	18	13	20	14	12	28	20	24	11	23	25	25	19	14	15	36	21.7
Middletown[1-1.5 W	Maximum	42	54	62	51	42	45	42	54	37	35	36	39	34	38	35	43	36	44	34	35	40	41	34	34	33	32	37	36	40	32	39	39.9
	Minimum	19	18	31	36	31	38	32	37	28	20	30	25	19	19	20	30	22	26	21	18	25	25	29	16	11	21	32	26	22	14	24	24.7
Midland[6]	Maximum	38	51	58	42	54	40	47	55	32	35	33	31	30	38	42	47	37	40	33	39	39	38	35	34	38	31	34	33	28	48	48	39.6
	Minimum	15	26	32	34	35	34	31	30	23	25	29	18	16	19	21	23	17	26	20	15	22	17	28	20	14	24	25	21	15	19	35	23.5
Montrose/-3 E	Maximum	34	40	50	30	35	31	39	48	28	28	30	30	31	46	40	35	35	28	30	35	33	31	21	30	25	29	23	17	23	31	31	31.9
	Minimum	9	14	25	23	18	20	22	28	22	18	19	19	16	14	14	22	23	23	9	4	5	24	24	8	8	8	17	20	10	3	4	§16.1
Mt. Pocono[1-2 N	Maximum	36	44	56	45	34	34	35	49	29	32	28	30	26	29	34	39	27	35	26	34	34	38	31	24	28	23	28	25	18	30	38	32.9
	Minimum	10	25	36	21	19	24	29	29	19	18	17	12	11	8	20	22	16	12	9	8	20	23	19	9	3	15	20	14	8	5	25	17.0
New Bloomfield	Maximum																																
	Minimum																																
New Castle[6-1.5 N	Maximum	42	53	57	39	51	38	48	55	32	32	33	31	31	39	42	46	36	39	34	42	40	37	36	38	39	32	33	33	31	40	47	39.5
	Minimum	8	25	38	29	33	34	32	29	25	20	27	18	17	19	23	22	17	24	16	12	29	16	26	14	10	23	25	22	12	11	37	22.4
Palmerton[1]	Maximum	39	51	58	51	38	42	41	51	36	35	34	36	33	34	40	49	33	44	34	38	38	41	33	31	28	29	36	33	28	31	36	37.9
	Minimum	14	18	28	31	28	37	33	34	27	23	19	17	15	16	16	30	24	22	19	14	20	23	27	15	7	15	28	24	17	11	28	21.9
Park Place[1-1 NW	Maximum	35	49	55	48	34	35	49	35	32	28	32	28	30	35	45	26	36	26	33	34	38	30	24	27	23	30	27	22	27	40	38.8
	Minimum	13	24	38	23	21	28	28	27	19	16	22	17	16	14	21	21	15	13	10	8	20	22	19	11	13	15	21	16	12	7	22	18.5
Phila Arpt.[1-7 SW	Maximum	40	53	56	47	45	45	45	56	40	39	38	40	35	37	55	58	38	50	36	35	41	43	41	33	36	32	37	36	33	35	41	41.8
	Minimum	20	24	32	35	33	40	35	39	24	30	25	23	21	23	33	26	27	24	17	25	26	31	23	20	25	29	24	18	16	26	26	26.5
Philadelphia C.O.[1]	Maximum	39	53	55	53	46	45	43	57	39	37	39	40	35	37	54	58	38	48	36	34	41	42	42	35	36	32	39	37	33	35	42	41.9
	Minimum	25	30	37	36	33	41	39	39	32	27	31	30	28	27	31	34	29	28	24	20	28	33	31	23	24	26	31	28	22	21	31	29.6
Phila. Shawmont	Maximum	40	54	57	50	44	45	45	56	55	39	38	39	37	37	40	58	41	48	35	35	40	43	37	35	34	31	38	37	31	32	42	41.7
	Minimum	16	19	29	36	33	33	39	40	33	24	30	22	22	19	20	30	24	25	25	17	32	22	30	22	16	25	30	24	13	12	25	25.4
Philipsburg[1-7 E	Maximum	36	46	57	43	40	35	36	58	28	25	27	27	24	35	32	38	34	31	31	34	34	31	33	29	28	27	28	27	26	30	44	33.9
	Minimum	10	30	42	25	24	30	29	25	18	7	20	18	13	16	15	19	15	16	12	0	24	9	20	7	2	19	24	17	9	3	30	17.7
Phoenixville-1.5 SE	Maximum	48	66	65	51	38	44	45	55	49	47	47	47	43	42	45	62	42	50	42	38	44	45	40	44	40	42	48	43	42	39	47	46.5
	Minimum	13	14	25	32	31	36	31	30	31	19	29	19	16	14	27	32	25	25	22	15	17	16	27	19	11	20	29	16	7	3	22	22.0
Pittsburgh Arpt.[1-7.5 SE	Maximum	43	55	58	47	55	37	48	55	31	34	31	30	28	39	44	46	36	38	31	43	39	39	35	32	40	29	32	32	33	50	49	40.0
	Minimum	15	31	41	33	37	33	30	29	23	20	27	23	20	23	28	22	18	26	22	18	28	22	26	21	20	26	25	18	15	18	45	25.3
Pittsburgh City Office[1]	Maximum	44	56	60	48	55	39	49	57	31	37	34	32	31	40	48	49	39	41	34	44	41	41	37	35	40	32	34	34	34	51	51	41.9
	Minimum	20	36	45	37	39	36	34	31	27	24	30	24	22	26	31	24	21	29	25	21	30	22	29	24	18	29	29	25	20	21	48	28.3
Port Clinton/	Maximum	34	44	58	41	41	41	42	41	37	37	35	35	32	35	47	42	40	42	35	32	29	41	34	31	36	32	37	35	30	34	38	37.5
	Minimum	13	16	23	26	29	29	32	36	29	23	25	19	13	12	13	34	22	29	22	13	19	20	26	20	7	20	23	15	12	10	20	21.0
Putneyville/-2.5 SE	Maximum	37	51	57	39	51	39	54	53	28	33	41	38	36	35	45	38	39	35	33	41	37	38	38	33	39	31	30	26	31	42	41	39.0
	Minimum	4	4	17	27	27	30	25	26	18	11	27	13	15	13	12	12	15	13	7	5	5	13	13	6	9	8	21	20	10	6	10	14.3
Quakertown-0.5 E	Maximum	37	50	59	51	38	42	44	52	47	38	35	37	33	33	37	55	38	44	33	32	40	41	35	32	31	28	35	34	29	29	38	38.9
	Minimum	13	15	25	34	27	32	33	36	28	19	26	14	12	10	12	30	23	25	20	12	15	21	28	16	5	15	25	19	16	7	21	20.5
Reading[1]	Maximum	41	55	62	52	40	44	43	52	39	39	37	40	31	36	38	55	36	45	38	36	41	43	35	36	33	32	36	36	34	34	41	40.7
	Minimum	22	26	35	36	30	40	36	39	30	24	30	28	24	22	24	31	27	28	23	17	25	28	31	23	14	24	30	26	28	18	31	27.3
Ridgway/	Maximum	37	46	52	39	43	35	54	53	31	29	32	30	27	31	44	35	36	35	34	40	35	35	38	35	40	32	31	27	34	36	45	37.1
	Minimum	5	5	18	28	32	32	30	31	23	8	8	25	23	18	11	11	17	18	17	4	4	17	15	5	4	5	24	25	18	2	1	15.5
Scranton[1]	Maximum	36	43	56	50	37	41	41	51	35	35	31	32	31	33	43	51	32	40	27	32	38	38	34	28	34	26	32	30	22	25	35	36.1
	Minimum	14	21	31	27	25	29	35	35	26	25	26	25	22	19	19	31	24	19	16	12	24	31	23	16	9	20	26	20	16	12	25	22.8
Selinsgrove	Maximum	40	49	61	52	35	43	40	54	48	32	37	38	34	36	37	41	41	42	35	32	38	40	35	35	33	34	35	43	33	29	34	39.2
	Minimum	13	15	25	32	28	33	33	38	29	17	25	23	16	19	17	32	21	26	20	10	20	18	26	14	9	16	24	26	20	9	21	21.8
Shippensburg	Maximum	40	53	58	53	41	47	40	57	41	33	34	37	35	37	33	40	35	47	37	37	40	42	40	38	40	34	36	36	35	33	50	40.6
	Minimum	17	21	31	37	31	34	30	35	27	18	28	24	18	20	16	30	24	30	24	13	20	18	26	21	11	21	29	27	21	15	25	23.9
Somerset	Maximum	42	53	54	48	52	38	40	54	33	29	32	30	25	38	41	42	34	39	31	46	37	37	31	31	37	28	28	30	32	48	45	38.2
	Minimum	5	12	29	31	31	31	28	33	20	12	23	19	12	18	10	23	16	27	21	10	27	10	25	1	1	16	22	21	10	2	38	18.8
Springs[6-1 SW	Maximum	41	48	51	46	53	37	38	53	28	34	32	28	23	38	38	42	32	37	34	46	37	35	33	30	37	26	29	29	29	50	46	37.4
	Minimum	2	17	37	31	31	28	25	27	17	9	21	16	14	18	15	22	15	28	25	12	24	10	21	10	5	15	20	18	8	8	37	18.9
State College[1]	Maximum	40	46	59	49	41	40	38	55	31	30	32	32	29	36	35	38	36	40	34	33	38	36	37	32	32	30	32	31	30	34	40	37.0
	Minimum	14	24	43	28	28	34	33	30	24	19	24	25	20	21	20	24	18	24	19	13	26	21	25	17	12	23	28	22	20	13	30	23.3
Stroudsburg-2 E	Maximum	41	54	60	55	35	40	42	52	50	37	39	31	30	35	38	54	40	44	37	36	42	44	44	40	35	29	37	35	32	35	34	§40.5
	Minimum	15	25	35	25	25	33	36	30	18	26	15	15	11	14	22	32	23	27	9	16	20	30	20	3	15	20	19	14	2	25	25	§20.6
Tamarack/-2 S	Maximum	37	42	55	36	34	30	45	48	25	23	27	30	25	33	35	33	31	31	30	31	30	29	33	30	29	23	27	22	26	33	40	32.4
	Minimum	11	13	30	27	20	22	26	27	19	12	12	21	19	15	14	28	13	13	15	6	6	19	19	9	9	10	17	19	13	7	7	15.9
Tionesta/-1.5 SE	Maximum	39	44	50	39	45	37	37	52	31	30	31	27	28	36	44	34	37	32	30	40	35	35	33	35	39	30	30	28	27	35	45	36.0
	Minimum	5	15	24	30	29	30	29	25	23	11	22	24	22	14	13	14	17	15	16	17	30	15	16	6	4	6	25	20	3	5	4	17.1
Titusville-2 S	Maximum	37	44	47	43	43	36	38	52	30	27	31	28	25	35	39	42	29	32	28	38	33	31	31	38	35	29	30	28	28	35	42	35.0
	Minimum	9	25	39	28	28	31	28	29	21	12	20	22	20	16	21	23	15	20	14	3	27	15	21	5	5	22	23	19	17	6	34	19.9
Towanda-1 E	Maximum	42	39	62	52	38	41	41	56	39	31	35	37	34	37	42	44	33	40	29	30	40	37	34	32	32	27	35	32	27	28	34	37.4
	Minimum	10	17	33	22	23	28	31	35	26	24	25	23	23	14	18	32	25	18	13	9	17	27	25	10	1	15	24	23	15	2	22	20.3
Tunkhannock/	Maximum	39	42	60	36	42	34	46	57	35	32	32	34	32	36	50	44	41	40	28	30	39	38	34	25	35	27	33	30	23	29	34	§36.5
	Minimum	8	14	25	24	22	26	27	31	27	22	28	17	16	11	17	28	24	24	13	7	18	21	27	15	9	1	18	21	15	3	11	§18.2
Uniontown	Maximum	46	55	57	51	58	44	48	55	35	37	34	36	29	41	41	51	36	43	33	43	38	44	38	35	42	32	32	32	33	53	50	42.0
	Minimum	13	28	35	36	40	36	29	35	27	20	29	28	18	22	19	29	20	31	21	16	28	18	31	22	13	24	27	27	8	13	42	25.3

Continued on page 96.

Daily Temperatures for December 1947—Continued from page 95.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	40	40	47	44	45	37	42	54	31	29	32	29	28	38	42	43	32	36	30	40	36	35	35	35	40	33	32	30	30	35	37	36.7
	Minimum	10	19	34	27	28	30	31	30	23	13	22	21	20	19	21	30	18	17	15	7	20	21	22	8	8	23	26	20	14	4	33	20.5
Waynesburg	Maximum	46	56	58	53	58	44	45	57	35	35	33	34	30	39	39	49	36	41	35	46	39	40	34	34	40	30	33	35	36	51	50	41.6
	Minimum	8	14	21	29	30	31	24	30	17	11	20	20	11	14	11	27	11	17	18	11	22	11	25	11	3	10	24	23	− 2	5	31	17.4
Wellsboro/	Maximum	40	45	58	37	37	35	43	52	32	30	30	33	32	34	41	41	36	36	31	33	34	42	35	32	36	33	32	28	25	30	39	36.2
	Minimum	7	9	33	29	22	25	28	31	25	21	21	25	15	14	18	20	22	20	11	6	5	18	21	14	3	3	20	23	16	2	2	17.1
Wellsville	Maximum	40	57	61	52	39	45	40	55	45	34	34	38	38	37	34	44	37	46	36	35	41	41	35	34	34	31	37	36	35	34	42	40.2
	Minimum	12	13	24	31	30	36	27	37	30	16	26	18	15	13	13	30	24	20	23	13	16	16	24	14	15	16	27	28	17	7	21	21.0
West Chester	Maximum	41	55	63	49	41	45	43	53	44	37	36	38	33	36	37	55	37	47	36	35	40	43	36	33	36	29	36	35	30	35	41	40.5
	Minimum	17	22	32	37	32	37	32	39	29	23	28	24	21	20	23	33	25	29	24	17	22	27	30	21	16	23	28	26	15	16	27	25.6
Wilkes-Barre Arpt.[1-3N.]	Maximum	35	42	54	52	36	39	41	51	40	32	31	31	29	32	43	50	33	38	26	31	36	37	33	27	32	25	32	30	24	25	32	35.5
	Minimum	14	21	35	26	25	29	33	35	25	22	22	22	20	16	21	29	23	17	15	10	21	29	23	13	7	19	27	20	15	9	23	21.5
Williamsport Arpt.[1-4 E]	Maximum	34	38	51	50	33	41	40	50	37	32	36	37	32	35	36	39	36	41	34	30	38	39	35	34	31	29	35	33	30	27	30	36.2
	Minimum	10	16	29	28	33	34	34	24	22	28	24	16	18	17	29	22	20	17	12	21	23	26	17	9	21	28	22	16	10	27	22.0
Williamstown	Maximum	40	54	62	53	37	44	40	54	42	35	35	37	34	36	34	38	36	42	35	34	37	42	36	34	36	28	33	34	33	34	37	38.9
	Minimum	11	13	30	37	29	33	32	36	29	20	22	23	18	10	16	29	20	26	21	14	16	23	28	19	4	20	23	28	21	12	24	22.2
York-3 SW	Maximum	42	60	64	51	40	46	43	57	49	40	38	40	35	40	38	46	38	48	43	38	42	45	37	36	38	35	38	37	37	34	42	42.5
	Minimum	14	16	27	34	32	37	29	39	31	18	28	22	18	16	18	31	25	29	25	15	18	16	30	17	9	20	28	20	18	9	24	22.8

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.55	4	29.22	16	9.1	27	sw.	8§	83	76	81	15	1018
Harrisburg	30.49	20	29.44	16	8.3	32	nw.	28	75	58	65	64	1005
Philadelphia	30.48	20	29.37	16	7.5	25	se.	16	80	55	69	66	905
Philipsburg	30.48	20	29.40	16	.....	39	sw.	18	84	69	74	.....	1216
Pittsburgh	30.48	4	29.35	15	10.8	35	sw.	5	75	62	67	32	1005
Reading	30.51	20	29.38	16	11.3	40	nw.	9	.....	.....	.....	42	960
Scranton	30.51	20	29.33	16	7.2	30	nw.	18	75	65	....	40	1105

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. ª One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.0	3.7	17	2.3	26	18
Easton	Delaware	2.4	3.8	18	1.2	27†	22
Lehighton	Lehigh	3.4	3.8	17	3.1	31	9
Reading	Schuylkill	4.4	5.1	1	3.6	29	13
Wilkes-Barre	N. Br. Susquehanna	3.5	5.3	18	2.2	30	22
Williamsport	W. Br. Susquehanna	2.5	3.6	10	1.3	31	20
Newport	Juniata	3.9	4.4	10	3.3	29	22
Harrisburg	Susquehanna	4.0	4.4	20	3.4	31	17
Schenley, (nr) Lock No. 5.	Allegheny	13.7	15.2	11	11.8	31	24
Sutersville	Youghiogheny	3.9	5.6	9	2.9	30	20
Charleroi (nr.), Lock No. 4	Monongahela	15.7	17.5	10	14.7	29	30
Pittsburgh	Ohio	*	*	.....	*	.....	25
Midland, Dam No. 7	Ohio	.....	15.7	15	12.5	12	30

* Pool stage † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																															
Fog, heavy	2				6		6	9		3					6	4							3								3
Frost, killing																															19
Glaze				3	16	4	4		1	9	1			1	15	8				5		1			1	2			10	10	
Hail																															
Rain, heavy																															
Sleet				5	23	1	5			23	2				19	4				1											2
Snow, heavy																										1					
Thunderstorms																															
Winds, high			4	8	19	15	4	28	30	5	3				8	3	2	18	21		5		4	3		4	15	29	8		

(W. B. O., Philadelphia—3-4-48—1100)

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
ª, ᵇ, ᶜ, etc. Number of days missing, for example, ᵇ indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

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CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LII. ANNUAL SUMMARY 1947. No. 13.

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GENERAL SUMMARY.

Although 1947 showed but slight deficiencies in temperature and precipitation, it was a year of contrasts. January was warm, but February and March were cold with considerable snow. April was pleasant, but May was cool and wet. June and July were comfortable, having been cool; August was almost unbearably hot. Even the normality of September was deceptive; the first half hot, the latter half cold. A fine warm October was followed by a cold wet November. December, although cold, was sunny. Snowfall was above normal, the excess established in February and March more than counterbalancing the deficiencies of the other months. The growing season was generally one of the shortest, in considerable contrast to last year's. Frosts and freezes occurred in early May and again in late September, causing much damage. Tornadoes occurred on five days—in May, June and September.

WEATHER BY MONTHS

JANUARY: The New Year got off to a bad start, New Year's day being particularly unpleasant, with sleet, glaze, snow and generally hazardous driving conditions resulting in numerous accidents. However, in a few days it soon warmed up and the month turned out to be the warmest January in ten years and the sixth warmest of record. Temperatures in the 60's and even the 70's were general in the last week.

FEBRUARY: The warmth of the previous month did not carry over into February. Winter had finally arrived. This was the coldest February in 11 years, the snowiest in 21 years, and the most unpleasant month of the year; in fact, the most unpleasant since January, 1945. Snowfall caused much hardship, resulting in traffic tie-ups, accidents, loss of business, and other effects. Twenty-one persons were said to have died as a result of the heavy snowstorm of the 20th, eighteen at Philadelphia alone.

MARCH: Coming in like the proverbial lion, it acted accordingly all month, except for a few lamb-like days in the middle of the month. The March lion roared at times, wind being the greatest culprit. The most violent storms occurred from the 23d to the 26th, including thunderstorms, a drop in temperature of the order of 30 degrees in 24 hours, and winds of 60 to 70 miles per hour in some places, with considerable damage. This was probably the most widespread and violent of recent years. The lion became lamb-like on the last day. An unusual feature was the absence of any temperatures as high as 70°.

APRIL: After two months of unpleasant weather, April was a welcome relief, with relatively high daytime temperatures bringing the mean above normal. There was considerable windiness, but this occurred generally on warm days. Precipitation was frequent and copious. The heaviest rains in many places came on April 5, which resulted in flooding at Towanda and Wilkes-Barre, and in some low portions of the city of Wellsboro, Lackawanna Valley cities and towns, and several smaller communities. Total damage was estimated at a million dollars. Thousands of people had to spend Easter away from their homes, as they were evacuated to avoid flood dangers. Easter was notable also for the highest wind velocities, sometimes 60 to 80 m. p. h., and some of the highest temperatures. Electrical phenomena of a peculiar nature were observed by many people near Cashtown, Adams County, on the 2d. Fire balls floated inside and out of houses from 10:15 p. m. to 10:30 p. m. causing damage to the houses and in some cases shattering trees and tearing great holes in the rocky mountainside.

MAY: The fourth wettest May of record transformed the accumulated rainfall deficiency of the first four months into an excess. Temperatures were below normal, and there was a cold spell from the 7th to 10th inclusive, during which freezes occurred. Much damage was done to cherry, apple and peach trees, as in many cases the temperatures were too low to be raised much by smudgepots. An area of less than 25 miles diameter in Schuylkill and Berks Counties suffered visitations of tornadoes on three days. On the 21st at Shoemakersville, a tornado killed a 13-year-old boy, when it destroyed a garage in which he had taken shelter. On the 25th a small tornado struck in the vicinity of Hamburg and Lenhartsville, damaging buildings. On the 29th a tornado at Pine Grove resulted in the death of a farmer and two horses as it demolished a barn. At Carlisle on the same day a tornado damaged scores of buildings along a 15 mile path.

JUNE: Despite some uncomfortably warm days, this was the coolest June in 19 years. There were no frost occurrences, but a few places reported minima of 32° or below. A tornado of great intensity occurred on the 8th. It entered the State from Ohio, and caused three deaths and more than a million dollars of property damage in its passage across Mercer County. The towns of Sharon, Mercer and Grove City were chiefly affected, but it was at Sharon that the greatest toll was taken. In addition to the three fatalities more than 300 persons were injured, 51 of them requiring hospitalization. 325 houses were damaged. In view of the high property loss, the death toll was considered light.

JULY: This month tied the July, 1920 record as the coolest in 53 years. It was also the wettest in 51 years. Although there were no floods on the main rivers, considerable distress and much property damage resulted through local flooding brought on by some exceptionally heavy rainfall, particularly at Erie, where 10.41 inches was officially measured by the recording raingage. Unofficial measurements at Erie by Weather Bureau investigators disclosed that at least 20 inches fell in 24 hours in parts of Erie. Low parts of Erie were flooded, causing damage conservatively estimated at $250,000. There were no casualties, but 66 persons were evacuated from flooded areas by the Coast Guard and Red Cross, assisted by the Police and Fire Departments.

AUGUST: In contrast to the cool July, this was the hottest month since July, 1935, the hottest August in 47 years, and the second hottest of record. Nights as well as days were uncomfortable, as unusually high relative humidity accompanied the high temperatures. Lightning was responsible for four deaths. On the 12th at Pennsburg, two baseball players died shortly after being struck by lightning during a ball game. Five others were felled momentarily by the bolt. At Oil City

(Continued on page 104)

Climatological Data for the Year 1947

Stations	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)							Number days with .01 or more	Sky			Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall (unmelted)		Number clear days	Number partly cloudy days	Number cloudy days	
Atlantic Drainage.																				
Allentown Arpt. 4 NE	Lehigh	384	7	50.6	95	Aug. 13	1	Feb. 5	7	44.06	6.77	May	1.42	Feb.	35.1	134	87	127	151	w.
Altoona, 4.5 W	Blair	1,500	50	49.2	91	June 10†	− 4	Feb. 5	61	38.16	5.38	July	0.82	Feb.	44.9	141	146	144	75	w.
Burnt Cabins, 2 NE	Fulton	990	6	49.8§	98	June 11	− 2	Feb. 5	6	33.00	4.46	May	0.59	Dec.	34.0	109	141	65	159	w.
Canton, 1 NW	Bradford	1,450	3	46.3§	92	Aug. 12	− 4	Feb. 5†	8	40.42	6.84	July	0.78	Feb.	38.7	135	169	59	137	sw.
Carlisle	Cumberland	473	81	53.0	95	June 11†	3	Feb. 5	58	40.59	6.26	May	0.99	Dec.	36.0	120	182	68	115	sw.
Chambersburg, 1 SW	Franklin	640	48	51.5	95	Aug. 15†	1	Feb. 5	51	39.04	5.81	July	0.95	Dec.	29.2	121	151	128	86	s.
Coatesville, 1 SW	Chester	400	59	51.2	94	Aug. 26	3	Feb. 5†	59	39.78§	6.14	Nov.	0.93	Oct.	32.6	121	166	57	142	w.
Curwensville, 6 NW	Clearfield	2,215	5	45.0	88	Aug. 12†	−10	Feb. 5	5	44.64	8.11	May	0.79	Oct.	64.1	187	51	72	242	w.
Eagles Mere	Sullivan	2,020	5	44.6	84	June 11†	−10	Feb. 5	11	53.76	10.12	May	0.99	Oct.	57.6§	138	120	101	144	w.
East Waterford, 3 E	Juniata	2,125	4	48.0	89	June 11	− 6	Feb. 5	11	43.96	7.55	July	1.14	Dec.	46.4	142	76	108	181	w.
Emporium, 1 E	Cameron	1,100	58	47.6	93	Aug. 25	− 4	Feb. 5†	59	41.97	6.37	May	0.61	Feb.	32.1§	168	92	69	204	nw.
Ephrata	Lancaster	365	46	53.6§	96	Aug. 13†	4	Feb. 5	55	40.88§	6.52	Nov.	1.47	Dec.	38.1	114	152	123	90	w.
Everett, 0.5 SW	Bedford	1,020	27	50.2	95	Aug. 12	0	Feb. 5	26	26.40	5.12	July	0.78	Sept.	29.9	123	73	115	177	s.
Freeland	Luzerne	1,970	53	47.4	89	June 11	− 8	Feb. 5	54	56.04§	15.32	July	1.23	Oct.	48.7	147	.....	.....	.....	w.
George School	Bucks	160	41	51.5	93	Aug. 13†	1	Feb. 5	41	48.13	8.33	May	1.86	Feb.	36.0	111	178	104	83	w.
Gettysburg	Adams	500	71	53.6	92	June 11	3	Feb. 5	74	32.46	5.83	May	0.49	Sept.	25.4	124	172	106	87	sw.
Gordon	Schuylkill	900	44	48.7	93	June 11	− 3	Feb. 5	44	53.59	11.45	May	1.37	Feb.	48.0	119	142	78	145	w.
Hanover	York	600	43	53.3	95	June 11†	3	Feb. 5	44	36.53	7.62	May	1.13	Dec.	31.3	120	147	102	116	s.
Harrisburg (Arpt.), 3.5 S	York	364	59	52.9	96	Aug. 25	3	Feb. 5	59	36.05	5.59	Nov.	0.72	Oct.	34.5	125	69	121	175	nw.
Hawley, 0.5 E	Wayne	980	29	47.9	96	June 11	− 2	Feb. 5†	37	50.06	12.94	July	1.70	Sept.	71.0	138	155	127	83	w.
Holtwood	Lancaster	200	29	53.6	95	June 30†	6	Feb. 5	34	28.92	5.50	May	0.87	Aug.•	32.0	120	133	107	125	nw.
Huntingdon	Huntingdon	700	58	51.3	96	June 11	2	Feb. 5	69	§35.69	8.77	Aug.	0.24	Sept.	29.9	115	91	97	177	w.
Lancaster	Lancaster	255	45	52.4	94	Aug. 15	4	Feb. 5	56	36.84	5.24	May	1.24	Dec.	31.7	123	171	108	86	nw.
Lawrenceville	Tioga	996	50	48.9	95	June 11†	−13	Feb. 5	50	35.82§	6.48	May	0.56	Feb.	43.2	111	120	128	117	.....
Lebanon	Lebanon	469	59	51.7	95	Aug. 13†	2	Feb. 5	64	46.62	8.68	May	1.06	Oct.	35.0	123	214	88	63	sw.
Lewistown, 1 W	Mifflin	580	9	51.5	98	June 11	2	Feb. 5†	9	32.11	6.39	July	0.62	Sept.	32.5	124	127	86	152	w.
Lock Haven	Clinton	554	57	51.6§	95	June 11†	0	Feb. 5	57	34.78§	7.36	July	0.72	Oct.	37.0§	140	150	85	130	e.
Marcus Hook	Delaware	12	21	56.5	100	July 30	7	Feb. 5	21	43.56	11.51	May	1.86	Mar.	28.6	125	92	125	148	sw.
Martinsburg	Blair	1,460	5	48.9	92	Aug. 14	− 2	Feb. 5	5	29.02	6.02	July	0.65	Sept.	30.4	136	49	121	195	w.
Montrose, 3 E	Susquehanna	1,176	42	45.5	93	Aug. 13	− 6	Feb. 5†	42	46.79	7.03	July	0.83	Oct.	100.8	170	108	53	204	s.
Mt. Pocono, 2 N	Monroe	1,914	41	44.8	88	June 11	− 8	Feb. 5	41	57.33	12.52	July	1.47	Feb.	59.6	143	75	122	168	nw.
Palmerton	Carbon	435	22	49.5	90	July 1†	0	Feb. 5	31	51.27§	9.87	July	1.36	Feb.	37.4	130	109	135	121	ne.
Philadelphia (City)	Philadelphia	26	77	55.1	93	June 11†	6	Feb. 5	77	52.12	8.68	May	1.89	Dec.	28.5	118	115	124	126	s.
Philipsburg, 7 E	Centre	1,914	5	44.7	90	Aug. 12	− 6	Feb. 5	5	46.14	7.01	Aug.	1.17	Oct.	51.3	184	50	102	213	w.
Phoenixville, 1.5 SE	Chester	100	38	54.7	98	Aug. 27	2	Feb. 24	38	41.19	8.05	Nov.	1.42	Oct.	32.6	104	175	123	67	w.
Port Clinton	Schuylkill	430	9	49.3	95	Aug. 14	2	Feb. 5	9	55.21	10.59	July	1.59	Dec.	39.0	126	201	47	117	.....
Quakertown, 0.5 E	Bucks	480	60	50.5	93	Aug. 13	1	Feb. 5	62	44.49	8.75	May	1.86	Feb.	37.7	122	152	125	88	w.
Reading	Berks	273	50	53.7	95	Aug. 31	4	Feb. 5	70	46.14	6.66	July	1.28	Dec.	37.4	125	105	105	155	w.
Scranton	Lackawanna	746	53	50.0	95	June 11	− 1	Feb. 5	53	41.46	9.70	July	1.22	Dec.	46.8	138	71	151	143	n.
Selinsgrove	Snyder	476	58	51.2	93	Aug. 14	0	Feb. 5	58	38.25	6.44	May	0.92	Feb.	25.3	119	123	125	117	w.
State College	Centre	1,175	59	49.8	93	June 11†	− 3	Feb. 5	63	30.88	5.01	Nov.	0.69	Feb.	42.2	134	74	135	156	sw.
Stroudsburg, 2 E	Monroe	327	38	.....	95	Aug. 14†	− 2	Feb. 5	24	52.58§	7.93§	July	1.65	Feb.	46.5	125	133	105	127	w.
Tamarack, 2 S	Clinton	2,200	5	45.2	88	Aug. 12	− 8	Feb. 5†	7	36.84	6.98	July	0.80	Feb.	56.2	151	67	127	171	w.
Towanda, 1 E	Bradford	755	53	49.3	95	Aug. 12	− 3	Feb. 5	53	37.66	8.04	May	0.64	Feb.	34.5	132	91	142	132	w.
Wellsboro	Tioga	1,319	67	46.5	95	Aug. 12	− 6	Feb. 5†	77	35.35	6.80	July	0.47	Oct.	44.7	151	119	79	167	w.
West Chester	Chester	440	93	53.3	94	Aug. 15†	3	Feb. 5	97	44.65	9.02	Nov.	1.08	Oct.	36.1	123	151	126	88	nw.
Wilkes-Barre	Luzerne	549	9	49.7§	95	June 11	− 2	Feb. 5	9	46.28§	11.28	July	0.93	Dec.	36.1§	.....	.....	.....	.....	sw.
Williamsport (Arpt.), 4E	Lycoming	520	5	49.8	94	Aug. 12	1	Feb. 5	7	38.66	7.79	July	0.67	Feb.	29.5	136	62	123	180	nw.
Williamstown	Dauphin	775	32	50.8§	93	June 11	0	Feb. 5	13	47.86	10.55	July	1.11	Oct.	29.2	.....	.....	.....	.....	.....
York, 3 SW	York	390	49	53.9	97	Aug. 12†	1	Jan. 23	60	44.40	8.79	May	1.45	Dec.	29.5	126	148	105	112	w.
Ohio Drainage.																				
Blairsville, 6 NE	Indiana	2,048	2	47.8	90	Aug. 13	− 8	Feb. 5	11	43.38	7.35	July	1.27	Mar.	93.1	169	41	73	251	w.
Bradford, 4 W	McKean	1,680	21	45.5	89	Aug. 14†	− 6	Feb. 5	30	49.19	7.04	Apr.	0.82	Oct.	135.1	187	69	120	176	w.
Brookville	Jefferson	1,400	36	.....	.....	.....	.....	.....	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butler	Butler	1,077	25	50.7	96	Aug. 13	− 3	Feb. 8	33	36.20	7.05	May	0.71	Feb.	47.7	149	134	98	133	sw.
Clarion, 3 SW	Clarion	1,114	4	47.8	94	Aug. 12†	−11	Feb. 8	50	40.82	6.66	May	0.85	Feb.	52.0	163	78	61	226	w.
Claysville	Washington	1,170	43	49.8	92	Aug. 12	− 5	Feb. 8	43	35.17	6.25	June	0.90	Feb.	28.4	136	105	93	167	nw.
Corry	Erie	1,427	33	47.6	94	Aug. 13	− 2	Feb. 5†	33	50.28	7.47	Apr.	0.38	Oct.	189.9	176	68	158	139	sw.
Coudersport	Potter	1,653	18	46.0	91	Aug. 12†	− 6	Feb. 5†	23	47.08§	6.36	May	1.32	Oct.	74.1§	139	130	112	123	s.
Derry	Westmoreland	1,150	51	51.6	93	Aug. 13	− 2	Feb. 5	51	40.99	6.81	July	1.26	Dec.	40.8	133	146	122	97	w.
Donegal	Westmoreland	1,746	4	46.2	89	Sept. 12†	− 6	Feb. 5	4	46.81	9.84	July	1.17	Sept.	106.4	165	61	224	80	w.
Donora	Washington	761	21	54.0	94	Aug. 13†	3	Jan. 22†	21	37.74	5.92	July	1.14	Dec.	25.6	136	108	109	148	sw.
Ebensburg	Cambria	2,060	30	47.0	89	Aug. 12	− 7	Feb. 5	29	38.51§	4.94	July	0.88	Oct.	59.9	175	65	110	190	sw.
Farrell	Mercer	855	35	53.0	100	Aug. 12†	0	Feb. 4†	35	43.50	11.46	Aug.	0.60	Oct.	24.5	105	174	102	89	se.
Ford City, 4 S	Armstrong	950	4	48.7	92	Aug. 12	− 5	Feb. 8	4	35.68	6.57	May	0.85	Feb.	34.0	147	139	43	183	n.
Franklin	Venango	987	54	48.4	94	Aug. 12	− 1	Feb. 5	75	39.12	6.45	May	1.07	Oct.	72.5	157	154	72	139	w.
Greensburg, 2 S	Westmoreland	977	39	50.1	91	Aug. 13	0	Feb. 5	39	41.68	6.34	July	1.47	Oct.	42.1	148	129	63	173	sw.
Indiana	Indiana	1,102	45	49.5	92	Aug. 12†	− 6	Feb. 8	35	39.33	7.00	July	1.01	Feb.	37.7	146	72	192	101	nw.
Jamestown, 2 NW	Mercer	1,050	6	48.4§	94	Aug. 12†	− 2	Feb. 8†	16	44.41	8.51	July	0.58	Feb.	.....	165	.....	.....	.....	ne.
Johnstown	Cambria	1,214	56	51.8	96	June 11†	− 6	Jan. 22	66	35.36	4.92	May	1.20	Oct.	83.5	160	122	96	147	s.
Kane, 1 N	McKean	1,750	4	43.8	90	Aug. 19	−13	Feb. 5	32	51.04	7.29	May	1.08	Oct.	122.9	190	108	40	217	w.
Meadville, 1 S	Crawford	1,065	54	47.4	95	Aug. 12†	− 1	Feb. 5†	55	41.22	7.40	May	1.16	Oct.	121.5	178	73	117	175	sw.
Mercer, 2.5 NE	Mercer	1,200	8	47.3	91	Aug. 12	− 3	Feb. 5	8	41.53	6.05	May	1.33	Feb.	41.2	183	58	89	218	w.
Midland	Beaver	780	10	50.7	95	Aug. 18	− 1	Feb. 5	11	35.29	5.55	Aug.	0.56	Feb.	21.4	141	108	102	155	nw.
New Castle, 1.5 N	Lawrence	900	67	49.7	96	Aug. 12	0	Feb. 5	63	32.58	5.60	Aug.	0.53	Feb.	15.6	155	119	110	136	s.
Pittsburgh (Airport)	Allegheny	1,226	14	51.4	93	Aug. 13	− 2	Feb. 4	14	30.01	4.89	July	1.19	Oct.•	34.5	146	52	101	212	sw.
Putneyville, 2.5 SE	Armstrong	1,270	4	46.5	92	Aug. 13	− 9	Feb. 8	4	43.54	6.95	May	0.95	Feb.	32.6	158	95	82	188	w.
Ridgway	Elk	1,385	32	46.4§	94	Aug. 12†	−10	Feb. 8	41	39.01	5.96	May	0.85	Feb.	42.9	169	80	69	216	s.
Somerset	Somerset	2,100	80	46.9	91	Aug. 12	− 8	Feb. 8	64	46.82	7.73	Aug.	1.41	Oct.•	78.8	154	58	86	221	sw.
Springs, 1 SW	Somerset	2,500	27	45.8	86	Aug. 19	− 8	Feb. 5	28	43.86	9.23	July	1.16	Oct.	64.9	173	55	85	225	w.
Tionesta, 1.5 SE	Forest	1,200	4	47.0§	94	Aug. 13†	−10	Feb. 8	11	41.35	5.90	May	1.01	Oct.	61.2	168	146	36	183	sw.
Titusville, 2 S	Crawford	1,550	4	46.7	92	Aug. 19	− 5	Feb. 8	4	42.30	5.73	May	0.80	Oct.	65.5	182	32	247	86	sw.
Uniontown	Fayette	1,040	58	53.4	93	Aug. 13	− 1	Feb. 5	59	39.10	6.84	June	1.28	Oct.	36.0	157	101	152	112	sw.
Warren	Warren	1,190	53	48.7	96	Aug. 13†	− 4	Feb. 5	59	42.83	6.09	May	0.67	Oct.	89.1	172	166	122	77	sw.
Waynesburg	Greene	980	17	50.3§	94	July 14	− 2	Feb. 5†	21	36.99	7.69	July	0.94	Oct.	25.9	115	96	161	108	w.
Lake Drainage.																				
Erie	Erie	705	75	50.0	94	Aug. 7	5	Feb. 8	75	54.72	13.27	July	0.54	Oct.	112.2	162	87	90	188	w.
For the State		.....	.....	49.6	100	July 30†	−13	Feb. 5	.....	41.08	19.81	July	0.24	Sept.	49.4	141	112	108	145	w.

Figures and letters following station indicate distance in miles and direction of station from the city or town. † Also on other dates. • Also other months.
Italics, data interpolated. § Partly interpolated.

Monthly and Annual Precipitation for the Year 1947, with Departures from the Normal.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ATLANTIC DRAINAGE																										
Delaware Basin																										
UPPER DELAWARE																										
Dingmans Ferry, ½ E..	3.41	.....	1.92	.....	3.08	.....	5.53	.....	8.91	.....	2.84	.....	8.49	.....	1.50	.....	3.30	.....	1.82	.....	5.90	.....	2.73	.....	49.42	.....
Equinunk	3.46	.....	1.97	.....	4.27	.....	4.59	.....	8.90	.....	3.92	.....	9.98	.....	3.52	.....	3.00	.....	1.16	.....	5.18	.....	2.09	.....	52.04	.....
Hawley, ½ E	2.80	+0.07	1.71	−0.91	2.70	−0.49	6.07	+2.80	8.15	+4.49	2.96	−0.94	12.94	+8.69	2.12	−2.00	1.70	−1.91	1.94	−1.46	4.93	+1.94	2.04	−0.84	50.06	+9.44
Hollisterville	2.79	+0.07	1.70	−0.96	3.49	−0.06	6.59	+2.89	8.49	+4.34	2.20	−2.12	14.46	+9.14	3.48	−0.24	1.78	−2.08	2.29	−1.08	4.29	+1.09	1.51	−1.19	53.01	+9.80
Lakeville, 1 N	2.34	−0.31	2.69	+0.07	3.61	+0.03	6.27	+2.48	7.41	+3.25	2.28	−2.17	12.47	+7.26	0.95	−3.28	2.13	−1.73	2.07	−1.46	4.53	+1.44	1.72	−0.90	48.56	+4.68
Matamoras	2.96	+0.13	1.61	−0.94	3.34	+0.14	5.56	+2.11	7.57	+4.11	3.17	−0.86	8.48	+4.61	1.61	−2.26	2.47	−1.09	1.90	−1.37	6.10	+3.09	3.53	+0.58	48.30	+8.25
Milanville	3.15	.....	1.17	.....	2.77	.....	5.41	.....	6.71	.....	2.80	.....	10.20	.....	5.36	.....	1.96	.....	1.24	.....	4.70	.....	1.59	.....	46.56	.....
Mount Pocono, 2 N	3.86	+0.48	1.47	−1.46	4.93	+1.07	6.51	+2.62	6.66	+2.58	3.70	−1.46	12.52	+7.38	2.88	−1.63	2.12	−2.80	4.01	−0.60	5.91	+2.57	2.76	−0.85	57.33	+7.90
Pecks Pond	3.42	.....	1.65	.....	3.61	.....	6.30	.....	9.07	.....	4.03	.....	9.81	.....	1.95	.....	1.91	.....	2.25	.....	6.44	.....	2.63	.....	53.07	.....
Pleasant Mount, 1 W	3.83	.....	1.45	.....	4.16	.....	6.56	.....	8.07	.....	4.61	.....	13.53	.....	3.21	.....	2.69	.....	1.71	.....	4.50	.....	1.98	.....	53.82	.....
Stroudsburg, 2 E	4.33	+1.07	1.65	−1.10	4.31	+0.53	4.52	+0.82	7.76	+4.26	4.76	−0.01	$7.93	+2.81	2.63	−2.23	3.23	−0.39	2.28	−1.43	6.31	+2.57	$2.87	−0.44	$52.58	+6.46
Tanners Falls, 1 SE	3.32	.....	1.08	.....	2.97	.....	6.72	.....	7.00	.....	2.13	.....	11.65	.....	3.36	.....	1.39	.....	1.32	.....	4.36	.....	1.83	.....	47.31	.....
Wind Gap, 3 SW	.....	.....	.....	.....	.....	.....	5.45	.....	7.24	.....	4.20	.....	7.48	.....	3.64	.....	2.57	.....	2.45	.....	4.76	.....	1.79	.....	.....	.....
LEHIGH																										
Allentown Arpt., 4 NE	3.78	+0.28	1.42	−1.88	2.67	−0.78	5.35	+1.95	6.77	+3.27	6.02	+2.02	4.93	+0.32	2.63	−1.77	2.81	−0.59	1.43	−1.87	4.46	−1.61	1.79	−1.51	44.06	+1.05
Allentown	3.90	+0.53	1.77	−1.04	3.21	−0.20	3.41	−0.17	8.16	+4.59	4.94	+1.04	4.00	−0.84	4.14	−0.42	3.10	−0.33	1.13	−2.13	5.03	+2.12	1.79	−1.10	44.58	+1.75
Bethlehem	3.24	−0.18	1.66	−1.49	2.86	−0.60	4.85	+1.62	5.81	+2.29	4.58	+0.51	8.26	+3.60	2.73	−1.57	3.42	+0.05	0.91	−2.29	4.30	+1.12	2.02	−1.23	44.64	+1.83
Blakeslee Corners	3.36	.....	1.21	.....	3.23	.....	5.70	.....	7.64	.....	2.93	.....	18.97	.....	2.77	.....	2.19	.....	2.44	.....	4.59	.....	1.79	.....	51.82	.....
Gouldsboro	3.47	+0.38	1.90	−0.98	3.29	−0.09	5.73	+2.11	8.71	+4.35	2.81	−1.94	9.69	+4.80	2.16	−2.25	2.12	−1.59	1.65	−2.22	5.01	+1.41	1.60	−1.29	$48.14	+2.69
Lansford	4.58	+1.50	1.48	−1.13	4.44	+1.09	4.65	+0.90	9.10	+5.19	4.86	+0.30	18.79	+9.23	2.72	−2.02	3.63	−0.43	3.50	−0.37	6.17	+3.05	1.93	−1.42	60.87	+15.89
New Tripoli	5.36	.....	1.73	.....	3.80	.....	5.49	.....	8.44	.....	3.78	.....	7.85	.....	2.10	.....	3.42	.....	2.05	.....	5.95	.....	1.97	.....	51.89	.....
Palmerton	$4.76	+1.97	1.86	−0.88	3.94	+0.85	4.44	+1.32	7.18	+3.50	3.99	−0.33	9.87	+5.21	3.37	−0.74	3.94	+0.22	1.87	−1.50	5.09	+2.03	1.46	−1.19	$51.27	+10.46
Zionsville, 1 SW	3.65	−0.41	1.85	−1.82	2.97	−1.57	3.95	+0.14	7.65	+3.41	3.70	−0.85	4.15	−0.94	2.42	−2.25	3.30	−0.65	1.43	−2.02	5.06	+1.47	$2.34	−1.04	$43.01	−6.53
SCHUYLKILL																										
Conshohocken	$3.87	+0.48	.....	.....	.....	.....	3.22	−0.28	9.51	+6.14	3.60	+0.14	2.32	−2.13	5.98	+1.62	3.05	−0.74	1.42	−2.11	6.16	+2.93	1.89	−0.92	.....	.....
Fredericksville, 1 S	3.41	.....	2.03	.....	3.28	.....	3.58	.....	6.98	.....	5.12	.....	5.46	.....	2.88	.....	2.86	.....	1.57	.....	6.58	.....	1.77	.....	45.52	.....
Geigertown	2.78	.....	1.91	.....	1.93	.....	3.49	.....	5.85	.....	4.57	.....	4.01	.....	3.90	.....	3.20	.....	1.09	.....	6.11	.....	1.27	.....	40.24	.....
Graterford	4.36	+1.15	2.16	−0.52	2.73	−0.70	3.39	+0.10	6.38	+2.70	3.27	−0.54	3.35	−1.74	4.20	+0.04	5.21	+2.07	1.55	−1.51	6.07	+3.04	2.36	−0.44	45.03	+3.65
Phoenixville, 1½ SE	3.71	+0.05	1.79	−1.20	2.55	−1.10	2.49	−1.06	6.88	+2.93	3.35	−0.54	2.77	−2.09	2.98	−1.92	2.81	−0.57	1.42	−1.86	8.05	+4.86	2.39	−0.78	41.19	−3.28
Port Clinton	4.31	+0.79	1.97	−1.35	2.77	−1.10	4.29	+0.15	10.42	+6.28	3.91	−0.55	10.59	+5.69	1.71	−3.46	3.45	−0.60	3.93	−0.04	6.27	+3.46	1.59	−2.02	55.21	+7.25
Pottstown, ½ S	4.07	+0.78	1.96	−1.22	2.08	−1.53	3.21	−0.05	6.26	+2.32	3.33	−0.50	3.27	−1.64	2.97	−0.88	4.46	+1.21	1.11	−1.95	6.36	+3.30	1.99	−1.28	41.07	−1.44
Pottsville	3.79	+0.08	1.07	−2.28	3.22	−0.72	4.28	+0.65	9.61	+5.30	3.74	−0.46	12.53	+7.52	3.03	−1.95	3.47	−0.52	2.30	−1.71	7.07	+3.66	1.63	−2.68	55.74	+7.54
Reading	3.88	+0.31	2.22	−1.20	2.76	−0.76	4.62	+1.35	5.58	+1.91	4.03	+0.48	6.66	+2.40	3.61	−0.60	3.28	+0.07	1.88	−1.21	6.34	+3.61	1.28	−2.28	46.14	+4.05
Strausstown	4.89	.....	1.80	.....	2.36	.....	3.91	.....	10.17	.....	2.75	.....	6.96	.....	2.37	.....	2.68	.....	2.98	.....	7.63	.....	1.64	.....	50.14	.....
Virginville	5.16	.....	2.39	.....	3.17	.....	3.55	.....	8.75	.....	3.52	.....	5.36	.....	3.21	.....	3.10	.....	2.30	.....	6.43	.....	1.52	.....	48.46	.....
Wernersville, 1 W	4.62	.....	1.77	.....	2.39	.....	4.71	.....	5.90	.....	3.10	.....	4.45	.....	1.68	.....	3.86	.....	1.74	.....	7.49	.....	1.37	.....	43.08	.....
LOWER DELAWARE																										
Coatesville, 1 SW	$3.09	−0.78	$1.76	−1.86	2.40	−1.73	2.65	−1.08	5.78	+1.88	4.58	+0.37	4.76	+0.10	3.23	−1.35	2.88	−0.83	0.93	2.50	6.14	−2.90	1.58	−2.18	$39.78	−7.06
Doylestown	2.85	−0.56	2.40	−0.94	2.04	−1.60	3.23	−0.58	7.16	+3.39	3.56	−0.45	3.68	−1.25	3.32	−1.68	3.83	+0.09	1.92	−1.64	5.69	+2.50	2.17	−1.30	41.85	−4.06
George School	2.71	−0.68	1.86	−0.95	2.30	−1.15	3.63	+0.07	8.33	+4.86	4.64	+0.87	3.24	−1.39	5.76	+1.17	4.22	+0.65	2.77	−0.45	6.31	+3.25	2.36	−0.87	48.13	+5.38
Maple Glen	3.21	.....	1.71	.....	2.07	.....	3.33	.....	7.16	.....	3.25	.....	2.27	.....	3.77	.....	3.23	.....	2.10	.....	5.97	.....	1.81	.....	39.88	.....
Marcus Hook	3.65	+0.36	1.89	−0.60	1.86	−1.80	3.27	−0.30	11.51	+7.92	2.79	−0.99	3.31	−0.92	2.55	−3.01	1.87	−1.19	2.00	−0.54	6.85	+3.70	2.01	−0.86	43.56	+1.77
Philadelphia																										
Airport Station	3.63	+0.33	2.02	−1.30	2.22	−1.17	6.58	+3.58	7.22	+3.96	5.15	+1.91	2.12	−2.03	3.65	−0.97	2.71	−0.43	2.03	−0.78	5.23	+2.53	1.80	−1.63	44.36	−3.95
City Office	3.81	+0.51	2.42	−0.90	2.19	−1.20	6.76	+3.71	8.68	+5.42	4.70	+1.46	2.49	−1.66	7.15	+2.53	2.91	−0.23	2.55	−0.26	6.57	+3.87	1.87	−1.54	52.12	+11.71
Shawmont	3.77	+0.42	2.09	−0.96	3.23	−0.35	3.50	+0.10	8.51	+5.14	$4.30	+0.73	1.82	−2.76	5.73	+0.85	3.66	+0.33	3.16	−0.02	5.12	+2.06	2.04	−1.43	$46.93	+4.12
Quakertown, ½ E	3.38	−0.08	1.86	−1.50	2.67	−0.98	3.81	+0.36	8.75	+4.92	4.85	+0.91	3.52	−1.42	3.08	+1.43	2.83	−0.82	2.38	−1.04	5.27	+2.02	2.09	−1.28	44.49	−0.34
West Chester	3.63	−0.15	1.68	−2.00	2.73	−1.22	2.69	−1.07	6.94	+2.69	3.05	−1.20	5.04	+0.27	3.46	−1.27	3.43	−0.43	1.08	−2.54	9.02	+5.48	1.90	−1.89	44.65	−3.33
Westgrove, 1½ SE	3.68	+0.44	1.91	−0.44	2.53	−1.24	2.70	−0.62	7.52	+3.62	4.75	+0.67	5.22	+0.16	5.41	+0.17	2.96	−0.46	1.13	−2.06	6.28	+3.13	2.20	−0.74	46.29	+2.63
Susquehanna Basin																										
CHEMUNG																										
Austinsburg, 2 W	2.22	+0.65	0.35	−1.59	1.14	−1.19	3.90	+1.19	4.09	+0.21	2.63	−0.61	3.25	+0.14	4.66	+2.05	2.52	−0.44	0.75	−1.57	$2.01	+0.14	0.87	−1.19	$28.39	−2.21
Covington	1.82	.....	0.64	.....	1.87	.....	3.98	.....	5.86	.....	2.21	.....	6.93	.....	5.28	.....	2.70	.....	0.68	.....	1.90	.....	0.88	.....	34.75	.....
Lawrenceville	$2.31	+0.47	0.56	−1.16	1.65	−0.78	4.89	+2.03	6.48	+2.71	3.60	−0.20	4.69	+0.61	4.81	+1.01	2.46	−0.62	0.76	−2.08	2.49	+0.19	1.12	−0.81	$35.82	+1.37
NORTH BRANCH																										
Berwick	2.99	.....	0.99	.....	2.15	.....	4.93	.....	6.78	.....	2.40	.....	11.34	.....	3.75	.....	1.85	.....	1.92	.....	4.60	.....	1.10	.....	44.80	.....
Canton, 1 NW	2.52	.....	0.78	.....	2.61	.....	5.11	.....	5.35	.....	4.34	.....	6.84	.....	5.39	.....	2.10	.....	0.89	.....	3.20	.....	1.29	.....	40.42	.....
Danville	4.00	.....	1.00	.....	2.43	.....	3.97	.....	8.30	.....	4.22	.....	6.76	.....	2.17	.....	1.67	.....	1.36	.....	4.57	.....	1.36	.....	41.81	.....
Freeland	$3.74	+0.46	1.64	−1.34	3.12	−0.84	$4.67	+0.63	11.84	+7.75	3.91	−0.94	15.32	+10.11	$2.77	−1.38	2.14	−1.67	1.23	−2.82	3.13	−0.64	2.53	−0.96	$56.04	+8.86
Hop Bottom, 2 S	3.35	.....	1.53	.....	2.81	.....	5.78	.....	7.16	.....	3.90	.....	8.67	.....	2.35	.....	2.98	.....	1.04	.....	3.60	.....	1.40	.....	44.57	.....
Millville	3.35	.....	0.52	.....	$2.42	.....	$4.46	.....	6.56	.....	2.79	.....	.....	.....	1.35	.....	1.12	.....	0.81	.....	4.26	.....	0.93	.....	.....	.....
Monroeton, 2 S	2.44	.....	0.81	.....	2.33	.....	5.61	.....	7.35	.....	3.55	.....	6.44	.....	3.73	.....	4.48	.....	0.99	.....	3.93	.....	1.12	.....	42.08	.....
Montrose, 3 E	3.60	+1.03	2.54	+0.36	4.46	+1.66	5.27	+1.91	6.29	+2.39	4.19	+0.21	7.03	+2.98	2.65	−1.44	4.35	−0.51	0.83	−2.84	4.37	+1.60	2.21	−0.36	46.79	+6.99
Orwell, 3 N	1.78	.....	0.52	.....	2.09	.....	5.00	.....	7.71	.....	3.13	.....	7.40	.....	4.40	.....	1.97	.....	0.81	.....	3.62	.....	0.91	.....	39.34	.....
Park Place, 1 NW	3.73	.....	1.10	.....	3.11	.....	4.93	.....	8.94	.....	4.30	.....	19.81	.....	1.38	.....	2.30	.....	2.37	.....	5.59	.....	1.40	.....	58.96	.....
Pikes Creek	3.32	.....	0.72	.....	2.90	.....	5.09	.....	7.97	.....	2.88	.....	7.09	.....	6.44	.....	1.76	.....	0.78	.....	5.07	.....	1.24	.....	$48.51	.....
Rush, 6 S	2.68	.....	1.05	.....	2.46	.....	4.85	.....	6.64	.....	5.49	.....	7.27	.....	2.03	.....	3.67	.....	0.84	.....	4.37	.....	1.15	.....	42.45	.....
Scranton	2.54	−0.49	1.25	−1.79	2.75	−0.45	6.64	+3.87	6.99	+3.72	1.86	−1.81	9.70	+5.67	1.39	−2.30	1.82	−1.35	1.70	−1.33	3.60	+0.83	1.22	−1.80	41.46	+2.77
Susquehanna	2.75	+0.68	0.99	−1.08	3.15	−0.05	4.52	+1.79	6.62	+2.96	6.39	+2.31	6.89	+3.01	3.86	+0.18	2.97	−0.14	1.39	−1.86	4.11	+0.91	1.33	−1.10	44.97	+7.61
Towanda, 1 E	1.69	−0.29	0.64	−1.30	1.88	−0.79	5.46	+2.54	8.04	+4.66	2.88	−0.88	6.82	+3.11	3.00	−0.34	2.18	−1.08	0.83	−2.19	3.26	+1.01	0.98	−1.23	37.66	+3.27
Tunkhannock, 1 SW	.....	.....	.....	.....	.....	.....	5.75	.....	7.43	.....	2.19	.....	$8.65	.....	4.47	.....	1.75	.....	0.99	.....	.....	.....	$1.37	.....	.....	.....
Wilkes-Barre, 3 N	3.02	.....	1.45	.....	2.33	.....	$6.14	.....	7.89	.....	2.36	.....	11.28	.....	2.95	.....	1.61	.....	2.22	.....	4.10	.....	0.93	.....	$46.28	.....
WEST BRANCH																										
Bellefonte	2.39	−0.20	0.57	−1.64	1.55	−1.89	2.80	−0.90	6.15	+2.43	3.15	−1.23	3.87	+0.14	2.98	−0.93	1.36	−1.72	1.21	−1.79	4.45	+2.36	0.70	−1.84	31.18	−7.21
Carrolltown	3.82	.....	1.84	.....	1.57	.....	3.01	.....	4.62	.....	4.50	.....	4.09	.....	7.46	.....	1.81	.....	0.88	.....	3.76	.....	1.74	.....	39.10	.....
Carter Camp	3.66	.....	0.75	.....	2.49	.....	4.57	.....	7.41	.....	3.64	.....	6.52	.....	2.64	.....	4.01	.....	1.07	.....	3.46	.....	1.50	.....	41.72	.....
Cedar Run	3.17	+0.59	0.84	−1.36	2.46	−0.50	4.06	+0.98	6.33	+2.75	2.81	−0.93	8.27	+4.70	3.69	+0.63	2.13	−0.61	0.96	−2.07	3.12	+0.15	1.41	−0.94	39.25	+3.39
Clearfield	3.81	+0.38	0.62	−1.99	1.78	−2.02	3.92	+0.20	5.81	+1.39	2.95	−1.59	4.34	+0.20	5.79	+0.74	1.79	−1.65	0.90	−2.28	4.23	+1.09	1.77	−1.37	36.71	−6.88
Coalport	$3.38	.....	.....	.....	.....	.....	.....	.....	3.21	.....	3.31	.....	3.37	.....	6.03	.....	1.70	.....	0.93	.....	3.76	.....	1.41	.....	.....	.....

(Continued on next page)

Monthly and Annual Precipitation for the Year 1947, with Departures from the Normal—Continued.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
WEST BRANCH (continued)																										
Curwensville, 6 NW	4.32		1.51		2.97		4.46		8.11		4.51		4.47		4.11		2.99		0.79		4.45		1.95		44.64	
Driftwood	§2.66		0.62		1.75		3.87		4.92		4.53		6.26		4.04		2.82		0.93		2.91		1.12		§36.40	
Dushore	2.81		0.86		3.00		4.96		5.97		4.07		11.06		3.58		3.52		0.94		3.50		1.19		45.46	
Eagles Mere	3.80	+0.03	1.32	−2.18	3.80	−0.89	4.07	+0.37	10.12	+3.98	4.94	+0.38	9.62	+4.24	4.95	+0.51	4.05	−0.94	0.99	−4.41	4.61	+0.26	1.46	−2.15	53.76	−0.70
Emporium, 1 E	4.13	+0.77	0.61	−2.22	2.02	−1.62	4.78	+1.26	6.37	+2.02	4.83	+0.45	5.87	+1.48	3.49	−0.24	3.91	+0.05	1.23	−1.98	3.79	+0.85	1.24	−1.98	41.97	−1.16
English Center	2.41		0.82		2.66		3.97		5.40		5.57		5.43		3.26		2.57		0.92		3.40		1.20		37.61	
Galeton	3.16	+0.78	0.64	−1.25	2.07	−1.34	5.38	+2.38	7.30	+2.97	4.38	+0.57	5.14	+1.31	7.20	+3.24	4.36	+0.70	0.87	−2.16	3.12	+0.26	§1.19	−1.19	§44.81	+6.43
Karthaus	3.05		0.67		1.81		3.90		6.13		2.91		5.56		4.05		2.28		1.20		3.95		1.63		37.14	
Lock Haven	3.09	+0.15	1.02	−1.52	2.53	−0.95	3.29	−0.16	4.34	+0.32	4.27	+0.16	7.36	+3.29	1.89	−2.16	2.05	−1.33	0.72	−2.48	3.13	+0.59	§1.09	−1.50	§34.78	−5.89
Medix Run	3.07		0.59		1.38		3.45		6.00		3.52		6.09		1.57		2.63		1.14		3.20		1.24		33.88	
Philipsburg Arpt., 7 E	3.57		1.79		2.37		3.79		5.21		5.91		5.91		7.01		1.69		1.17		6.08		1.64		46.14	
Renovo	3.01	+0.39	0.49	−1.81	2.02	−1.10	4.11	+0.81	4.87	+1.04	3.43	−0.71	6.61	+2.55	3.25	−0.27	2.09	−0.83	1.15	−1.90	4.20	+1.56	1.33	−1.23	36.57	−1.50
State College	2.67	−0.24	0.69	−1.88	2.05	−1.31	3.20	−0.24	4.42	+0.37	3.90	−0.19	3.04	−0.81	2.97	−0.50	0.77	−2.25	1.02	−1.90	5.01	+2.51	1.14	−1.51	30.88	−7.95
Tamarack, 2 S	3.00		0.80		2.46		4.17		5.37		3.21		6.98		1.79		2.31		1.54		3.55		1.66		36.84	
Trout Run	3.40				§2.32		4.06		6.46		2.68		6.44		5.97		2.85		1.08							
Tyrone, 4 NE	2.80		0.62		1.33		2.97		4.42		4.08		4.08		9.02		0.64		0.77		1.96		1.41		37.10	
Wellsboro	2.08	0.29	0.75	−1.41	2.14	−0.85	5.07	+1.80	5.44	+1.65	2.31	−1.48	6.80	+3.16	3.45	−0.08	2.71	−0.37	0.47	−2.51	3.10	+0.50	1.08	−1.36	35.35	−1.24
Williamsport, 4 E	2.99		0.67		2.22		3.99		6.23		2.67		7.79		4.12		2.08		1.39		3.31		1.17		38.66	
Williamsport	2.92	+0.10	0.78	−1.69	2.18	−1.16	3.42	−0.05	6.17	+2.59	2.64	−1.07	6.13	+2.88	4.25	+0.28	2.34	−0.94	0.94	−2.46	3.79	+1.04	1.21	−1.65	36.77	−2.63
Williamsport, 4 SE	3.37		0.64		2.41		4.04		7.56		3.31		9.62		3.96		1.98		1.95		4.26		§1.19		§44.29	
JUNIATA																										
Altoona, 4½ W	3.46	+0.53	0.82	−1.53	1.35	−1.87	3.09	−0.36	4.40	+0.32	3.79	−0.31	5.38	+1.44	5.23	+1.79	2.25	−0.82	2.07	−0.82	4.78	+2.37	1.54	−1.24	38.16	−0.50
Breezewood, ½ E	2.56		0.79		1.40		2.04		§3.21		5.07		4.28		3.67		1.00		0.98		3.31		0.61		§28.92	
Buffalo Mills	2.48	−0.05	1.42	−0.63	1.29	−1.93	1.44	−2.08	4.04	+0.69	3.80	+0.27	2.76	−0.73	3.85	+0.66	0.68	−2.24	0.65	−2.23	2.95	+0.51	0.80	−1.40	26.16	−9.16
Burnt Cabins, 2 NE	2.79		1.25		1.65		2.92		4.46		4.04		4.33		4.58		1.55		2.15		2.89		0.59		33.0	
East Waterford, 3 E	2.98	+0.52	1.22	0.77	2.30	−1.19	3.02	−0.69	4.59	−0.05	4.99	+0.94	7.55	+3.50	5.95	+1.82	2.36	−0.60	1.82	−1.75	6.04	+2.72	1.14	−1.55	48.96	+2.90
Everett, ½ SW	2.59	−0.31	0.96	−1.25	1.50	−1.80	1.63	−1.57	3.44	−0.18	2.15	−2.52	5.12	+1.21	3.41	−0.41	0.78	−2.27	0.81	−1.94	3.22	+1.11	0.79	−2.03	26.39	−11.96
Huntingdon	3.02	−0.09	0.90	−1.71	1.71	−1.84	2.91	−0.56	3.86	−0.29	§2.88	−1.21	5.48	+1.55	8.77	+4.90	0.24	−3.12	0.80	−2.12	4.14	+1.68	0.98	−1.91	§35.69	−4.72
Lewistown, 1 W	2.94		0.96		1.93		2.18		4.46		2.97		6.39		2.54		0.62		1.91		4.39		0.83		32.11	
Mapleton Depot	2.19		1.20		1.50		1.94		4.25		2.65		5.51		5.48		0.52		1.50		3.52		0.67		30.93	
Martinsburg	2.45		0.86		1.31		1.94		3.59		3.25		6.02		3.17		0.65		1.17		3.60		1.01		29.02	
McConnellstown, 4 NW	3.01		1.18		1.73		2.63		3.94		3.15		5.61		5.82		0.73		0.95		4.16					
Neffs Mills 3½ NE	2.91		0.66		1.93		2.76		§4.26		3.56		4.90		3.19		0.28		1.43		4.81		1.26		§31.95	
New Bloomfield	§3.96	+1.21	1.18	−1.31	2.29	−1.78	4.48	+1.14	5.35	+0.02	4.80	+0.48	§3.80	−0.27	3.52	−0.48	1.32	−2.28								
Newport	3.51	+0.57	0.80	−1.30	2.12	−1.45	3.55	+0.12	5.30	+0.98	4.40	+0.63	3.64	−0.63	4.32	+0.17	1.35	−2.01	1.41	−2.18	5.82	+2.62	1.06	−1.73	37.28	−4.21
Saxton, 1 W	2.28		0.92		§1.60		2.02		3.19		3.10		4.73		2.74		0.97		1.00		2.99					
Shade Gap, ½ SW	2.38		0.52		§1.52		2.26		3.12		§3.26		5.32		4.97		0.83		2.04		3.13		0.69		§30.04	
LOWER SUSQUEHANNA																										
Arendtsville	3.05	+0.10	1.02	−1.57	1.42	−2.33	2.20	−1.51	5.73	+1.64	4.06	−0.05	5.86	+2.08	2.34	−1.67	2.14	−1.60	1.60	−2.01	6.06	+2.98	0.97	−2.16	36.45	−6.10
Beavertown	§3.29		0.92						5.42		2.87		4.05		3.43		1.07		1.16		5.84					
Bloserville, 1½ N	3.68	+0.53	1.43	−0.90	2.67	−0.65	4.23	+0.36	9.45	+5.16	5.14	+0.43	3.92	−1.05	3.66	−1.62	1.10	−2.72	1.46	−2.31	7.57	+4.52	0.98	−1.97	45.29	−0.25
Carlisle	3.62	+0.48	1.46	−1.43	2.01	−1.51	4.43	+0.89	6.26	+2.45	5.21	+1.26	4.98	+1.08	3.45	−0.95	1.34	−2.12	1.26	−2.12	5.58	+2.48	0.99	−1.93	40.59	−1.42
Columbia	4.26		1.91		1.43		2.82		5.95		5.09		4.06		2.94		2.16		2.20		5.12		1.23		39.17	
Dauphin, 3 N	3.14		2.04		2.08		2.76		7.67		4.60		6.77		3.38		2.20		1.17		5.14		0.80		41.75	
Ephrata	§3.69	+0.68	2.52	−0.35	1.98	−1.48	3.90	+0.50	4.76	+1.35	3.63	−0.74	5.85	+1.21	1.79	−2.85	§3.12	−0.45	1.65	−1.56	6.52	+3.88	1.47	−1.62	§40.88	−1.43
Glen Rock	3.08		1.68		1.25		3.09		4.72		4.32		2.47		2.82		2.30		0.95		5.91		1.25		33.81	
Gordon	3.62	+0.08	1.37	−1.72	3.32	−0.63	4.32	+0.22	11.45	+7.21	3.77	−0.65	11.44	+6.53	2.13	−2.27	1.92	−1.99	1.66	−2.52	6.96	+3.56	1.63	−2.12	53.59	+5.70
Grantville, 2 SW	4.10		0.98		1.84		3.78		7.42		3.52		5.77		3.06		2.25		0.73		5.97		1.32		40.74	
Hanover	4.27	+1.13	2.02	−0.58	1.64	−1.76	2.02	−1.54	7.62	+4.20	2.99	−0.96	4.95	+0.99	1.28	−3.03	2.49	−0.74	1.21	−1.96	4.91	+2.42	1.13	−1.89	36.53	−4.11
Harrisburg Arpt., 3½ S	3.38	+0.24	1.77	−1.19	1.37	−1.67	3.13	+0.44	5.27	+1.83	3.67	+0.08	5.46	+1.63	3.24	−0.80	1.35	−1.70	0.72	−2.21	5.59	+3.33	1.15	−1.87	36.05	−1.89
Holtwood	2.67	−0.36	2.01	−0.40	1.28	−1.81	1.50	−1.52	5.50	+2.68	3.53	+0.18	4.13	+0.20	0.87	−3.35	1.77	−0.88	0.87	−1.84	3.52	+1.06	1.27	−1.22	28.92	−7.26
Huntsdale	2.93		1.36		1.60		2.37		7.96		3.52		3.51		2.58		1.13		0.78		5.78		0.99		34.51	
Kirkwood, 1 SW	3.42		0.96		2.06				4.57		4.67		3.77		1.81		1.09				6.10					
Lancaster	3.40	+0.24	2.12	−0.50	1.74	−1.75	2.71	−0.80	5.24	+1.93	4.93	+0.93	2.88	−1.53	2.94	−1.41	2.73	−0.65	2.17	−1.00	4.74	+2.09	1.24	−1.87	36.84	−4.32
Lebanon	4.63	+1.31	1.56	−1.53	1.67	−1.96	3.36	−0.11	8.68	+4.84	4.17	−0.01	8.00	+3.55	3.28	−1.06	2.78	−0.69	1.06	−2.50	6.09	+3.14	1.34	−1.99	46.62	+2.99
Middletown, 1½ W	4.23	+1.40	2.04	−0.25	1.10	−2.40	3.51	+0.15	5.95	+1.85	3.43	−0.73	5.01	+1.29	4.96	+0.62	0.99	−2.45	0.81	−2.59	6.10	+3.31	0.80	−1.50	39.03	−1.30
Millersburg, 2 E	3.24		0.34		1.79		3.49		4.99		4.13		4.82		4.71		1.56		1.08		3.70		1.04		34.89	
Milroy	3.43		1.30		2.69		2.86		5.49		2.93		6.69		4.05		0.72		1.46		5.61		0.86		38.11	
Newburg, 3½ NW	3.52		1.40		2.00		3.60		7.29		4.75		5.77		4.34		0.97		1.83		5.08		0.72		§41.27	
New Park	3.80	+0.60	1.74	−0.90	1.97	−1.60	2.95	−1.03	8.54	+5.11	4.92	+0.88	4.04	−0.21	1.51	−3.54	2.36	−1.23	1.96	−1.61	7.66	+4.60	§1.40	−1.49	§42.85	−0.42
Pine Grove, 1½ NE	3.78	+0.60	1.10	−1.64	2.57	−1.10	3.12	−0.64	9.05	+5.10	3.10	−1.69	9.89	+5.01	3.31	−0.81	3.67	−0.15	1.80	−2.20	7.25	+3.65	1.44	−1.64	50.08	+4.49
Selinsgrove	3.97	+0.96	0.92	−1.81	1.98	−1.71	4.45	+0.90	6.44	+2.40	2.68	−1.24	5.98	+1.94	3.62	−0.32	1.44	−1.99	1.65	−1.92	4.01	+1.17	1.11	−1.93	38.25	−3.55
Shamokin	3.36	+0.51	1.27	−1.37	2.52	−0.83	§3.23	−0.55	7.08	+2.98	3.80	−0.72	11.52	+7.04	3.59	−0.39	2.14	−1.40	1.35	−2.22	4.92	+1.99	1.02	−1.89	§45.80	+3.15
Shippensburg	3.81	+0.79	1.44	−0.80	1.88	−1.49	3.98	+0.46	7.78	+3.63	2.88	−0.66	5.63	+1.90	3.92	−0.25	1.15	−2.21	1.56	−1.88	6.10	+3.00	1.07	−1.93	41.20	+0.56
Sunbury	4.13	+1.23	1.39	−0.98	2.58	−0.68	3.90	+0.23	6.74	+2.45	3.05	−0.87	5.92	+1.91	4.13	+0.38	1.85	−1.53	1.51	−1.93	4.61	+1.53	1.56	−1.34	41.37	+0.40
Wellsville	3.49		1.26		1.75		2.39		8.34		3.84		7.66		2.30		0.96		0.91		6.84		1.06		40.80	
Williamstown	§3.32	+0.64	1.37	−0.58	1.80	−1.45	3.87	+0.43	7.38	+2.72	3.71	−0.76	10.55	+5.56	5.55	+1.38	1.54	−2.17	1.11	−2.74	6.42	+2.56	§1.24	−1.61	47.86	+4.03
York, 3 SW	5.60	+2.60	3.06	+0.34	2.27	−1.03	2.27	−0.98	8.79	+5.33	3.36	−0.39	4.40	+0.12	2.66	−1.65	2.64	−0.70	1.91	−1.31	5.99	+3.38	1.45	−1.43	44.40	+4.28
York Haven	4.37	+1.72	1.65	−0.67	1.58	−1.55	2.71	−0.81	7.80	+4.27	3.65	−0.35	5.03	+0.98	3.11	−0.90	1.42	−2.03	0.97	−2.51	5.63	+2.98	1.26	−1.36	39.18	−0.23
Potomac Basin																										
Chambersburg, 1 SW	3.92	+1.11	1.68	−0.96	2.28	−0.98	3.80	+0.59	4.31	+0.62	3.44	−0.51	5.61	+1.85	5.81	+1.93	0.96	−2.13	1.21	−2.08	5.07	+2.28	0.95	−1.77	39.04	−0.05
Gettysburg	3.21	+0.12	1.43	−1.25	1.79	−1.54	1.81	−1.84	5.83	+1.91	2.82	−0.96	5.43	+1.61	2.08	−1.93	0.49	−3.03	0.94	−2.39	5.60	+2.76	1.03	−2.12	32.46	−8.66
Hewitt, 2 SW	3.00		1.27		1.18		1.39		4.40		§3.16		6.88		5.16		1.31		0.91		2.75		§0.68		§32.09	
Hyndman	2.32	−0.55	1.11	−1.12	1.06	−2.22	1.38	−2.14	3.90	+0.75	2.95	−1.18	2.78	−0.49	6.53	+2.84	0.90	−1.96	0.77	−2.29	3.12	+1.01	0.88	−1.68	27.70	−9.03
McConnellsburg	2.85	+0.13	0.99	−1.22	1.55	−2.00	1.50	−1.59	6.09	+0.79	3.47	−1.09	3.50	−0.50	4.93	+0.58	1.08	−1.51	1.70	−1.94	4.28	+1.17	0.45	−2.30	32.39	−9.48
Mercersburg	3.45		1.16		§1.64		1.97		4.94		6.88		5.37		5.02		0.64		1.01		4.81		0.75		§37.63	
South Mountain	3.70		2.40		2.07		3.08		6.27		4.83		5.90		4.01		1.35		1.21		5.91		0.99		41.72	
GULF DRAINAGE *Ohio Basin* ALLEGHENY																										
Acmetonia	3.96	+0.57	0.85	−1.78	1.74	−1.87	2.49	−0.94	4.89	+1.12	5.28	+0.90	4.41	+0.30	4.56	+0.71	1.37	−1.82	1.22	−1.80	3.19	+0.64				
Allens Mills	4.58		§1.39		§2.62		4.33		5.89		3.66		5.51		3.60		3.64		1.19		3.52		2.14		§42.07	
Blairsville, 6 NE	3.59	+0.65	1.31	−1.23	1.27	−2.42	3.39	−0.70	5.42	+0.23	5.38	−0.26	7.35	+2.49	6.09	+2.10	2.09	−1.16	1.68	−1.86	3.56	+0.53	2.25	−0.86	43.38	−2.49

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Monthly and Annual Precipitation for the Year 1947, with Departures from the Normal - Continued.

STATIONS	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ALLEGHENY (continued)																										
Boswell, 6 NW.	3.88		2.55		2.62		2.21		6.17		4.12		6.90		6.13		2.97		1.43		4.51		2.43		45.92	
Bradford, 4 W.	6.08	+3.07	1.61	−0.98	4.06	+0.75	7.04	+3.38	6.74	+2.94	4.01	−0.62	6.37	+2.29	3.90	+0.56	2.97	1.22	0.82	2.76	3.42	−0.08	2.14	−0.87	49.19	+6.46
Brookville, 1½ SW.																	2.77	−0.39	1.54	1.48	3.19	+0.13	1.09	−1.40		
Buckstown	2.94		1.27		1.29		2.64		5.76		$4.67		$4.14		$4.27		2.23		1.02		3.83		1.61		§35.01	
Clarion, 3 SW.	4.88	+1.41	0.85	−2.30	2.20	−1.62	3.67	−0.05	6.66	+2.50	6.13	+1.52	3.86	−0.68	4.06	+0.15	2.13	−1.63	1.15	−2.41	3.56	+0.66	1.72	−0.66	40.82	−4.11
Corry	5.79	+2.53	2.80	−0.19	4.13	+0.65	7.47	+3.81	6.75	+2.88	5.44	+0.65	5.10	+1.93	2.40	−1.08	3.21	−0.77	0.38	−3.40	4.10	+0.16	2.7	−0.77	50.28	+6.45
Coudersport	4.52	+1.73	1.83	−0.71	2.65	−0.72	4.49	+0.80	6.36	+1.86	4.04	−0.54	$6.21	+1.74	5.12	+1.73	4.86	+1.59	1.32	−2.01	3.95	+1.02	1.73	−0.93	§17.08	+5.56
Coudersport, 7.5 E.	§4.37		1.6		2.65		6.36						6.38		2.21		4.47		1.16		2.64					
Derry	3.10	−0.58	1.73	−1.29	1.73	−2.38	3.53	−0.29	4.77	+0.81	6.5	+1.70	6.81	+2.22	4.05	−0.17	2.32	−0.84	1.65	−1.56	3.54	+0.72	1.26	1.96	39.99	−3.62
Donegal	3.88		2.71		3.11		3.22		5.24		5.07		9.84		4.42		1.17		1.91		3.93		2.31		46.87	
Dunlo, ½ SW.	3.44		1.24		§1.78		1.40		2.16		3.05		6.86		§6.01		2.43		1.09		4.07		§1.84		§35.37	
Ebensburg	4.26	+1.07	2.71	−0.06	1.85	−1.64	3.19	−0.31	4.66	+0.27	4.71	+0.12	4.94	+0.82	3.58	−0.46	1.73	−1.69	0.88	−2.30	4.14	+0.9	§1.96	−1.06	§38.51	+4.25
Ford City, 4 S.	3.61		0.85		1.62		2.62		6.57		2.98		5.04		5.28		1.42		1.76		2.56		1.37		35.68	
Franklin	3.96	+0.56	1.43	−1.27	2.67	−0.76	4.62	+1.44	6.45	+2.81	4.68	+0.88	4.30	−0.18	2.71	−0.95	1.99	−1.53	1.07	−2.07	3.50	+0.39	1.74	1.45	39.12	−2.58
Glen Hazel, 1 NE.	6.33																				3.42		1.35			
Home	§3.82		1.21		§1.93		3.44		5.64		2.89		6.17		4.46		1.23		1.23		§3.26		2.00		§37.29	
Indiana	3.48	−0.17	1.01	−1.90	1.51	−2.41	3.32	−0.65	5.57	+1.38	4.67	−0.24	7.00	+2.40	4.21	+0.17	2.30	−1.42	1.28	−2.11	3.66	+0.75	1.32	−1.98	39.33	−6.20
Johnstown, ½ W.	3.82	−0.27	1.85	−1.78	2.24	−1.36	4.92	+0.48	4.43	−0.58	4.36	−0.12	3.25	−1.14	1.81	−1.67	1.20	−1.81	2.95	−0.02	1.82	−1.78	35.36	−12.03		
Kane, 1 N.	6.19	+2.65	1.84	−1.11	2.91	−0.90	5.41	+1.53	7.29	+2.79	5.08	+0.32	6.24	+2.07	4.39	+0.69	4.69	+3.92	1.08	−2.64	3.47	0.00	2.56	−0.78	51.04	+5.54
Kregar, 4½ SE.	6.02		6.01		4.23		3.00		6.30		5.66		9.48		5.00		2.00		1.49		5.63		3.51		58.31	
Lycippus, 1½ E.	5.81	−0.08	4.02	+0.85	3.28	−0.87	3.49	−0.47	6.77	+2.51	5.10	+0.25	8.93	+4.21	6.75	+2.36	3.16	−0.17	1.09	−2.10	4.22	+1.39	§1.64	−1.91	§52.26	+5.97
Marienville	§6.42		§1.45		§2.28		1.75		6.73		4.08		4.44		2.86		4.36		1.03		3.31		2.23		§43.94	
Meadville, 1 S.	3.72	+0.59	1.41	−1.27	2.54	−0.66	4.24	+0.90	7.40	+3.36	4.63	+0.59	3.76	−0.39	3.59	−0.06	3.52	−0.68	1.16	−2.25	2.95	−0.45	2.30	−0.76	41.20	−0.48
Mosgrove	3.80	+0.56	1.12	−1.39	2.22	1.52	3.27	+0.03	6.59	+2.45	4.17	−0.10	3.45	+2.71	3.11	−0.79	3.05	+0.30	1.73	−1.76	3.55	+0.97	1.63	−1.49	40.69	−0.63
Parkers Landing	5.01	+1.58	1.04	−1.87	1.60	−2.13	3.48	+0.01	5.68	+1.82	4.72	+0.55	3.38	−0.72	3.69	−0.13	1.97	−1.32	0.80	−2.12	3.51	+0.56	1.78	−1.43	36.66	−5.20
Pittsburgh W. B. O.	4.09	+0.97	1.30	−1.82	1.59	−1.44	2.43	−0.49	4.41	+1.20	4.75	+0.94	6.79	+2.14	2.37	−0.86	1.48	−1.15	0.78	−1.74	3.41	+1.12	1.43	−1.43	34.11	−2.06
Port Allegany	4.23		0.77		1.95		5.78		6.02		3.42		4.55		3.86		3.97		0.86		3.21		1.60		40.24	
Punxsutawney	3.56	+0.41	0.84	−1.50	1.60	−1.76	3.57	+0.21	7.64	+3.38	4.08	−0.18	3.01	−1.07	4.97	+0.61	2.16	−0.83	1.22	−1.88	2.91	+0.12	1.61	−1.54	37.7	−4.63
Putneyville, 2½ SE.	4.18		0.95		2.31		3.61		6.95		4.53		7.11		4.08		2.87		1.66		3.64		1.65		43.74	
Ridgway	4.32	+1.49	0.85	−1.46	2.06	−1.08	4.20	+1.09	5.96	+2.01	5.60	+1.39	3.42	−0.88	2.81	−0.39	4.29	+1.00	0.86	−2.22	3.06	+0.13	1.58	−1.15	39.01	−0.02
Saltsburg	3.24	−0.22	1.49	−1.41	1.54	−1.82	2.78	−0.62	5.82	+2.10	5.27	+0.95	4.56	+0.52	2.75	−1.31	1.35	−2.16	1.49	−1.57	2.83	+0.40	1.22	−1.85	34.44	−6.99
Seward	4.07		2.83		2.15		3.20		5.36		5.46		6.01		7.23		2.21		0.91		3.81		2.18		45.46	
Sheffield, 6 W.	5.69		1.37		1.70		6.33		7.43		4.78		4.72		2.49		2.98		0.85		3.45		2.74		44.53	
Smethport, 1 SW.	4.67		§1.05		2.12		6.51		5.92		4.85		3.60		4.04		4.63		0.81		3.27		§2.21		§43.68	
Strongstown	3.72		1.18		1.73		3.42		5.09		3.96		6.17		3.81		2.06		1.17		3.77		1.96		38.04	
Tionesta, 1½ SE.	5.28	+2.81	1.04	−1.29	2.15	−1.33	4.86	+1.35	5.90	+1.08	4.28	−0.17	5.02	+1.22	3.95	+0.95	2.40	−0.94	1.01	−2.55	3.46	+0.43	2.60	−1.01	41.35	+0.89
Titusville, 2 S.	5.33		1.57		2.30		5.70		5.73		3.65		5.23		2.30		3.13		0.80		3.95		2.61		42.3	
Union City	4.15		0.81		§1.59		6.13		5.79		6.40		4.95		3.54		3.58		0.88		3.09		2.15		§43.06	
Vandergrift	3.83		1.47		2.16		2.76		5.33		4.92		3.05		6.43		1.86		1.47		2.80		1.40		37.48	
Warren	4.75	+1.92	1.91	−0.67	3.14	−0.13	4.80	+0.77	6.09	+1.89	3.97	−0.47	6.00	+1.58	4.37	+0.64	3.44	−0.32	0.67	−2.85	2.27	−1.20	1.92	−1.23	42.87	−0.07
Youngsville	5.09		1.63		2.85		7.03		4.80		4.04		4.55		2.37		3.31		0.67		3.19		2.66		42.19	
MONONGAHELA																										
Confluence, 1½ NW.	4.10	+0.25	1.30	−1.94	1.45	−2.47	1.54	−2.09	5.21	+1.11	3.53	−1.10	4.45	−0.30	4.67	+0.42	2.04	−1.06	1.21	−1.78	3.77	+0.82	1.59	−1.82	34.79	−9.96
Connellsville	3.18		1.23		1.22		2.21		5.33		5.37		9.14		4.94		1.61		1.29		3.17		1.28		39.97	
Donora	2.99	+0.60	1.59	−0.72	2.21	−1.46	2.90	−0.73	4.63	+0.92	5.82	+2.04	5.92	+2.47	4.15	+0.38	1.39	−1.43	1.39	−1.52	3.61	+1.18	1.14	−1.38	37.74	0.35
Greensboro	3.82	+0.45	0.94	−1.89	1.20	2.47	1.86	−1.43	4.47	+0.65	2.81	−1.80	7.31	+2.70	6.71	+2.98	1.98	−1.11	1.01	−1.85	3.12	+0.40	1.32	−1.64	36.57	−5.01
Greensburg, 2 S.	3.41	+0.02	1.73	−1.18	1.72	−1.91	3.24	−0.54	5.56	+1.52	6.11	+1.71	6.34	+2.54	4.76	+0.57	2.18	−1.06	1.47	−1.59	3.66	+1.07	1.50	1.69	41.68	−0.51
Irwin	3.67	+0.78	1.64	−0.81	1.90	−1.64	2.56	−0.75	5.15	+1.72	5.18	−0.77	6.27	+2.40	2.88	−1.05	1.45	−1.47	1.22	−1.62	3.73	+1.25	1.40	−1.56	37.67	−1.96
Meyersdale	3.08		1.36		1.35		1.66		5.41		2.20		3.59		8.08		2.12		0.93		2.68		1.12		33.58	
Murrysville	3.60		1.16		1.37		2.67		4.11		4.49		4.77		4.92		1.16		1.07		2.92		1.34		33.58	
Pittsburgh (Airport)	3.55	+0.50	1.32	−1.30	1.51	−1.52	2.51	−0.41	3.78	+0.57	4.04	+0.23	4.89	+0.84	1.42	−1.81	1.52	−1.06	1.19	−1.33	3.09	+0.80	1.19	−1.67	30.01	−6.16
Rices Landing	3.95		1.00		1.54		2.10		5.59		4.63		7.11		3.08		2.82		1.47		3.65		1.71		38.65	
Somerset	3.56	−0.68	2.13	−1.48	1.77	−2.49	2.21	−2.28	6.16	+1.32	6.66	−1.64	7.18	+2.56	7.73	+3.24	2.85	−0.63	1.41	−1.67	3.75	+0.5	1.41	−2.30	46.82	−2.25
Springs, 1 SW.	3.70	+0.04	1.75	−1.40	2.27	−1.43	2.99	−1.01	4.74	+0.54	3.74	−1.51	9.23	+4.79	5.81	+1.20	3.51	+0.09	1.16	−2.36	2.51	+0.46	1.45	−1.79	43.82	−2.38
Uniontown	3.58	+0.05	1.37	−1.55	1.57	−2.43	2.65	−1.11	4.76	+0.65	6.84	−2.09	6.30	+1.49	3.60	−0.92	2.56	−0.66	1.28	−2.00	3.12	+0.06	1.47	−1.84	39.10	−6.17
Waynesburg	4.49	+1.35	1.15	+1.08	1.40	−2.65	2.39	−1.02	5.53	+1.38	4.08	−0.20	7.69	+3.33	2.98	−0.95	2.01	−1.33	0.94	−1.79	2.79	+0.37	1.54	−1.29	36.99	−3.88
BEAVER																										
Beaver Falls	3.55	+0.74	1.44	−0.81	1.11	−1.94	2.41	−0.66	5.63	+2.24	6.15	+2.18	3.47	+0.13	4.81	+1.49	2.65	−0.96	0.79	−1.82	2.23	−0.11	1.09	−1.43	34.73	−0.95
Butler	3.63	+0.86	0.71	−1.64	1.46	−2.08	2.96	−0.47	7.05	+3.45	3.64	−0.79	4.59	+0.35	4.67	+0.82	1.98	−1.15	1.45	−1.77	3.09	+0.25	0.97	−1.75	36.20	−3.92
Farrell	4.80	+1.87	0.68	−1.22	§1.89	−0.92	4.75	+1.69	6.67	+3.34	4.99	+1.53	1.57	−2.02	11.46	+7.78	2.61	−0.23	0.60	−2.09	2.54	+0.16	1.44	−0.15	43.50	+8.94
Greenville	5.36	+2.08	0.70	−1.81	2.72	−0.71	5.40	+2.02	6.23	+2.61	4.12	+0.18	3.48	−0.57	4.19	+0.62	2.83	−0.62	0.85	−2.49	2.96	−0.01	2.00	−0.75	40.84	+0.55
Jamestown, 2 NW.	4.27	+1.72	0.58	−1.50	1.69	−1.15	5.12	+1.82	7.51	+3.51	5.22	+1.67	8.51	+4.63	3.40	−0.32	3.25	−0.10	0.89	−1.90	2.13	−0.45	1.84	−0.39	44.41	+7.54
Mercer (Arpt.), 2½ NE.	4.86		1.33		1.81		5.00		6.05		5.11		4.45		4.08		2.10		1.34		3.46		1.94		41.53	
New Castle, 1½ N.	3.76	+0.85	0.53	−1.83	1.15	−1.94	4.58	+1.51	4.42	+0.95	3.73	−0.47	1.96	−2.22	5.60	+2.26	2.01	−1.07	0.75	−1.98	2.48	+0.02	1.61	−1.00	32.58	−4.92
Pennline, 1 S.	4.56	+2.05	0.83	−1.48	2.75	−0.22	4.90	+1.41	6.17	+2.52	6.09	−2.42	5.20	+1.54	2.69	−1.08	2.63	−1.37	1.09	−2.08	2.69	−0.38	2.18	−0.52	41.78	+2.86
OHIO																										
Claysville	4.53	+1.41	0.90	−1.61	1.35	−2.28	2.59	+0.92	5.34	+1.55	6.25	−1.82	3.86	−0.36	2.90	−0.98	1.62	−1.62	1.11	−1.96	3.25	−0.77	1.47	−1.43	35.17	−5.61
Coraopolis, 1 E.	3.77	+0.87	0.67	−1.75	1.21	−2.09	2.32	−0.86	6.03	+2.56	3.61	−0.49	5.29	+1.56	2.03	−1.33	1.56	−1.51	0.74	−1.96						
Midland	4.30	+1.63	0.56	−1.65	1.07	−2.53	2.75	−0.80	4.74	+0.24	5.04	−1.06	4.00	+1.33	5.55	+2.01	2.67	+0.10	0.86	−2.29	2.43	−0.06	1.32	−1.01	35.29	−2.97
Washington	4.10		1.08		1.45		2.55		3.88		4.43		5.21		3.90		1.44		0.74		3.26		1.60		33.64	
LAKE DRAINAGE																										
Albion					2.98		5.53		§6.52		5.55		§5.55				4.08		0.80				1.66			
Erie	4.40	+1.63	2.77	+0.19	1.87	−0.75	6.88	+6.15	5.98	+2.58	2.78	−0.56	13.27	+10.26	2.06	−1.21	3.65	+0.26	0.54	−3.15	6.22	+2.92	2.30	−0.53	54.72	+17.79
Raymond	§4.08		0.60		§2.33		6.49		5.98		3.49		§7.54		2.96		3.37		1.25		§3.25		1.57		§42.91	
For The State.	3.65	+0.52	1.39	−1.39	2.27	−1.23	3.86	+0.44	6.36	+2.35	4.04	−0.12	6.23	+1.92	3.85	−0.30	2.35	−1.08	1.34	−1.90	4.22	+1.32	1.52	−1.53	41.08	−1.00

Italics, data interpolated. § Partially interpolated. §§ Incomplete.

Monthly and Annual Mean Temperatures for the Year 1947, with Departures from the Normal

STATIONS.	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Allentown Arpt., 4 NE.	32.5	+3.2	24.8	−5.0	34.5	−3.2	48.5	−0.2	58.8	−1.7	67.2	−2.6	73.0	−1.2	74.3	+2.2	65.3	+0.5	59.3	+6.3	39.8	−2.2	30.0	−2.7	50.6	−0.6
Allentown (Coop)	34.6	+5.7	27.2	−2.3	35.8	−2.4	49.6	+0.8	59.8	−1.0	67.4	−2.4	72.9	−1.1	74.1	+2.2	66.0	+0.8	59.7	+6.6	41.2	−1.3	31.1	−0.7	51.6	+0.4
Altoona, 4½ W	33.6	+6.1	22.4	−5.2	30.3	−7.1	50.4	+2.3	57.8	−1.4	65.2	−1.6	68.4	−2.5	72.6	+3.5	63.4	+0.3	58.4	+6.3	37.2	−3.3	29.6	−0.1	49.2	−0.1
Arendtsville	34.8	+4.9	27.2	−4.3	35.3	−4.6	51.0	+1.1	60.4	−0.7	67.8	−2.9	71.8	−2.6	74.6	+2.1	65.8	−0.1	59.4	+5.3	39.9	−2.9	30.6	−2.2	51.6	−0.5
Beavertown	§31.9	.....	25.0	.....	33.2	....	§47.7	.....	§58.0	.....	65.6	.....	69.4	.....	§73.2	.....	64.2	.....	56.8	....	37.2	.....	§28.9	.....	§49.3	....
Berwick	34.0	.....	25.8	....	34.7	.....	50.9	.....	60.7	....	68.0	..	72.6	.....	75.0	.....	67.0	....	59.4	....	39.6	.....	30.1	....	51.5	.....
Bethlehem	34.2	+3.9	26.6	−4.6	35.8	−4.6	50.1	−1.2	60.1	−2.4	67.1	−3.6	73.0	−2.0	75.0	+1.8	66.2	−0.7	61.7	+6.0	40.8	−3.6	32.2	−1.1	51.9	−1.0
Blairsville	33.2	.....	18.0	.....	28.0	.....	48.4	.....	59.6	.....	64.8	....	66.3	.....	72.8	.....	62.6	.....	59.6	.....	36.0	.....	29.0	.....	47.8	.....
Bradford, 4 W	29.4	+5.3	18.8	−7.0	26.0	−9.0	45.0	−0.1	53.2	−2.2	61.6	−3.5	65.1	−3.0	71.2	+4.6	60.8	+0.5	55.0	+5.2	34.6	−1.2	25.3	−2.3	45.5	−1.3
Brookville, 1.5 SW	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61.6	+1.2	55.7	+6.5	35.4	−2.3	28.3	+0.4	§§	.
Burnt Cabins, 2 NE	33.7	.....	24.4	.....	32.0	.....	50.0	....	§58.4	.....	66.5	.....	§69.8	.....	74.2	....	63.6	.....	56.8	.....	§40.0	.....	28.7	.....	§49.8	.....
Butler	35.8	+6.8	22.8	−5.6	31.6	−6.5	51.7	+3.4	57.6	−2.3	67.6	−1.0	69.6	−2.8	76.4	+6.4	66.0	+1.8	58.8	+6.0	39.0	−2.2	31.4	+0.2	50.7	+0.4
Canton, 1 NW	§29.3	.....	20.4	.....	28.7	.....	43.4	.....	54.7	.....	62.4	.....	67.4	.....	71.0	.....	60.4	.....	57.4	.....	34.8	.....	25.4	.....	§46.3	.....
Carlisle	37.4	+8.8	29.6	−0.8	37.7	−1.1	53.4	+2.7	61.3	−0.5	69.2	−1.9	72.9	−2.1	75.5	+3.0	66.7	+1.2	60.0	+6.9	40.4	−1.2	31.9	+0.2	53.0	+1.2
Chambersburg, 1 SW	34.8	+5.0	26.4	−5.4	34.8	−5.2	51.8	+1.3	59.8	−1.8	67.5	−2.8	71.0	−3.8	74.9	+2.5	65.9	−0.4	59.4	+6.0	40.4	−2.1	31.5	−1.6	51.5	−0.7
Clarion, 3 SW	32.2	.....	20.8	.....	28.8	.....	48.4	.....	54.4	.....	63.8	.....	67.2	.....	74.0	.....	63.6	.....	57.0	.....	35.9	.....	28.4	.....	47.8	.....
Claysville	34.9	+4.1	21.0	−10.3	31.2	−9.5	50.0	−0.4	57.3	−3.5	66.2	−3.0	67.0	−5.9	74.6	+3.3	65.4	−0.2	59.7	+5.9	39.3	−2.8	30.9	−1.5	49.8	−2.0
Coalport	31.8	.....	20.2	.....	27.6	.....	§46.6	.....	55.4	.....	64.0	.....	67.2	.....	73.0	.....	§62.1	.....	55.0	..	35.2	.....	26.2	.....	§47.0	.....
Coatesville, 1 SW	36.4	+6.2	26.0	−4.6	34.8	−5.1	49.9	−0.6	59.8	−1.7	66.6	−3.8	72.4	−2.5	74.2	+1.4	65.2	−1.1	59.0	+4.8	40.0	−3.0	30.4	−2.4	51.2	−1.1
Columbia	37.6	.....	29.2	.....	37.8	.....	54.2	.....	62.6	..	70.6	.....	75.0	.....	77.4	.....	68.4	.....	62.2	..	42.9	....	33.3	.....	54.3	.....
Corry	30.4	+5.9	19.4	−5.8	27.4	−5.6	46.1	+1.0	54.9	−0.3	65.2	−0.2	67.6	−1.5	74.6	+7.6	64.3	+3.2	57.4	+8.1	36.6	−2.1	28.0	−0.4	47.6	+0.8
Coudersport	29.8	+5.6	20.0	−4.2	27.0	−6.5	45.2	+0.4	54.5	−1.7	62.2	−2.0	65.8	−2.2	71.9	+5.7	60.3	+0.2	54.8	+5.7	34.8	−2.0	26.3	0.0	46.0	−0.1
Curwensville, 6 NW	29.0	.....	16.7	.....	26.0	.....	44.6	.....	52.8	.....	62.1	.....	64.6	.....	70.7	.....	59.7	.....	56.2	.....	32.8	.....	25.6	.....	45.0	.....
Derry	37.8	+7.2	22.9	−7.3	32.3	−7.7	53.0	+3.4	59.3	−1.5	68.1	−0.9	69.8	−2.9	75.8	+6.5	66.8	+1.3	61.5	+7.4	40.3	−2.0	32.5	+0.3	51.6	+0.2
Donegal	32.8	.....	17.9	.....	27.1	.....	47.7	.....	53.4	.....	62.4	.....	68.8	.....	70.6	.....	60.9	.....	55.5	.....	35.1	.....	27.0	.....	46.2	.....
Donora	§39.2	+5.6	25.6	−8.7	35.1	−7.5	56.0	+4.1	61.2	−1.9	70.8	−1.2	72.6	−3.3	78.5	+4.8	68.5	+0.4	63.2	+7.0	43.0	−2.2	35.2	−0.5	§54.0	−0.4
Eagles Mere	28.3	.....	18.4	.....	27.0	.....	41.8	....	53.6	..	61.0	....	65.0	....	68.4	....	58.6	.....	55.0	.....	33.7	.....	24.2	....	44.6	....
East Waterford, 3 E	32.4	.....	21.2	.....	29.5	.....	47.5	.....	56.7	.....	64.9	.....	67.9	.....	70.9	.....	62.2	.....	58.8	.....	36.0	.....	28.4	.....	48.6	.....
Ebensburg	31.6	+6.0	19.0	−8.2	27.6	−7.9	48.3	+3.1	54.6	−1.9	63.6	−1.3	65.4	−2.9	71.7	+5.0	61.2	0.0	58.7	+8.9	34.8	−3.8	27.7	−0.7	47.0	−0.3
Emporium, 1 E	31.0	+5.0	20.8	−5.0	29.5	−5.8	45.6	−1.1	56.0	−2.0	64.4	−1.6	68.2	−1.6	74.1	+6.5	§1.8	+0.3	56.0	+5.9	37.0	−2.3	27.4	−1.9	47.6	−0.4
Ephrata	§37.2	+6.9	28.4	−2.2	37.2	−3.1	53.2	+2.6	§61.8	−0.1	§69.6	−0.3	§74.2	−0.8	76.4	+3.9	67.6	+1.2	61.7	+7.2	43.0	−0.5	32.6	−0.1	§53.6	+1.2
Erie	32.7	+5.9	23.5	−3.4	31.6	−1.9	45.2	+0.1	54.0	−2.8	66.4	+0.2	70.4	−0.6	76.4	+6.8	66.7	+3.1	61.5	+8.1	40.0	−1.4	32.2	+0.3	50.0	+1.2
Everett, ½ SW	34.8	+6.7	24.8	−2.8	32.2	−7.4	50.3	+1.4	58.5	−1.4	67.0	−0.5	69.6	−2.1	75.3	+5.6	64.0	+1.0	57.7	+5.9	38.1	−2.6	30.0	+0.4	50.2	+0.4
Farrell	§35.0	+6.8	23.4	−5.1	33.3	−4.7	51.8	+2.9	60.6	+0.6	71.1	+1.5	73.7	+0.1	80.2	+9.1	69.8	+4.6	63.0	+9.7	40.6	−1.0	32.8	+1.8	§53.0	+2.2
Ford City, 4 S	34.1	.....	21.2	.....	30.0	.....	48.8	.....	55.8	.....	65.6	.....	68.4	.....	74.0	.....	63.2	.....	57.6	.....	36.8	.....	28.6	.....	48.7	.....
Franklin	32.4	+6.0	21.6	−4.1	28.8	−6.6	47.0	+0.9	55.2	−2.4	64.5	−1.8	67.8	−2.9	75.2	+6.8	63.8	+1.1	57.6	+6.5	37.2	−2.4	29.2	−0.2	48.4	+0.1
Fredericksville, 1 S	34.0	.....	25.6	.....	33.2	.....	49.0	..	57.7	.....	64.6	.....	69.4	.....	71.5	.....	64.6	.....	61.8	.....	38.8	.....	29.1	.....	50.0	.....
Freeland	30.6	+6.4	21.4	−3.2	29.4	−3.6	45.4	+0.9	56.6	−0.2	63.4	−1.7	68.0	−1.1	71.0	+4.2	62.0	+1.8	§58.6	+10.8	36.0	−1.5	26.8	−0.4	§47.4	+1.0
George School	35.4	+4.8	26.5	−4.9	35.4	−5.2	49.8	−0.6	59.4	−1.9	66.4	−3.2	72.8	−1.5	73.8	+1.6	66.4	−0.1	59.7	+4.4	41.2	−2.8	31.4	−2.0	51.5	−1.0
Gettysburg	38.0	+7.9	29.4	−2.1	37.2	−3.3	54.8	+3.8	62.2	+0.3	69.4	−1.0	72.1	−2.5	74.6	+2.2	67.8	+1.7	61.2	+7.6	42.6	0.0	33.9	+1.2	53.6	+1.3
Gordon	37.4	+5.5	23.7	−3.6	32.0	−4.8	48.8	+1.2	58.2	−0.2	64.5	−1.8	69.0	−1.6	72.0	+3.6	63.2	+0.8	56.4	+5.6	36.4	−3.7	27.4	−2.0	48.7	−0.1
Greensburg, 2 S	37.5	+6.6	22.8	−8.7	31.6	−8.4	51.8	+1.5	57.9	−2.6	66.2	−1.7	67.8	−4.7	73.6	+2.8	64.5	−0.9	57.5	+3.4	39.3	−3.5	30.7	−2.1	50.1	−1.6
Hanover	37.1	+4.6	28.4	−4.7	36.6	−5.4	52.6	+0.2	61.8	−1.6	69.2	−2.4	73.4	−2.4	75.8	+2.2	67.2	−0.5	62.4	+6.3	42.1	−2.9	32.8	−1.7	53.3	−0.7
Harrisburg Arpt. 3½ S	36.0	+7.0	27.6	−2.6	36.6	−2.2	52.1	+1.2	61.1	−0.7	69.0	−1.3	73.4	−1.4	76.4	+3.8	66.8	+1.0	61.3	+6.5	41.5	−1.3	32.6	−0.1	52.9	+0.8
Hawley, ½ E	30.4	+5.4	22.8	−2.8	31.0	−3.4	46.1	+0.5	57.1	−0.1	64.6	−1.6	69.6	−0.8	71.8	+3.8	§61.9	+0.8	55.4	+5.9	36.8	−2.5	26.9	−1.3	§47.9	+0.3
Hewitt, 2 SW	§37.8	.....	....	....	34.4	.....	....	....	§61.2	.....	§69.6	.....	§71.0	.....	§76.1	.....	§66.3	.....	....	....	....	....	§31.2	.....	§§	.....
Holtwood	36.0	+4.5	28.1	−4.5	36.4	−4.8	51.4	−0.1	61.5	−1.8	69.7	−3.1	74.7	−2.7	77.4	+2.3	68.9	−0.2	62.9	+6.3	43.0	−2.3	33.2	−1.3	53.4	−0.6
Huntingdon	35.4	+6.5	26.2	−3.2	33.7	−5.0	51.9	+2.5	60.2	−0.3	§67.6	−1.1	69.6	−2.6	§74.8	+4.1	65.5	+0.9	59.0	+6.3	39.6	−2.1	§31.3	−0.2	§51.3	+0.5
Indiana	34.8	+5.7	21.6	−8.0	30.6	−8.2	51.4	+2.1	57.6	−2.2	66.2	−1.8	68.2	−3.5	74.2	+4.3	64.1	−0.3	57.7	+5.2	37.7	−3.6	29.4	−1.4	49.5	−0.9
Irwin	38.6	+8.5	23.8	−6.6	32.2	−7.7	52.6	+3.1	59.2	−1.2	68.2	−0.3	70.4	−2.0	75.4	+4.6	66.1	+0.7	60.1	+6.2	39.0	−3.2	31.4	−1.0	51.4	+0.1
Jamestown, 2 NW	31.7	.....	21.2	....	29.2	.....	46.7	.....	54.6	.....	65.2	.....	67.8	.....	75.2	.....	63.8	....	58.3	.....	36.8	....	§30.6	.....	§48.4	.....
Johnstown	36.8	+6.6	24.4	−5.9	32.7	−6.5	52.7	+1.9	60.4	−0.6	69.0	−0.4	70.7	−2.3	76.7	+5.6	66.3	+0.9	59.9	+6.3	40.0	−2.0	31.8	−0.5	51.8	+0.4
Kane, 1 N	28.2	.....	16.4	.....	25.0	.....	42.9	.....	51.3	..	59.7	.....	63.4	.....	70.0	.....	58.5	.....	52.4	.....	33.0	.....	24.6	.....	43.8	.....
Lancaster	37.0	+7.0	28.6	−2.5	36.8	−3.1	52.8	+3.2	61.4	+0.1	68.0	−2.3	71.9	−2.3	74.0	+1.6	66.2	+0.5	58.8	+5.2	41.2	−2.0	31.3	−1.7	52.4	+0.4
Lawrenceville	31.6	+6.5	22.6	−2.3	31.4	−3.3	47.0	+1.0	57.9	+0.3	66.0	−0.3	69.4	−1.2	74.1	+5.7	63.5	+1.6	57.6	+7.0	37.3	−1.9	28.5	+0.4	48.9	+1.1
Lebanon	34.4	+5.3	26.5	−3.1	35.7	−3.5	50.4	+0.1	60.2	−1.1	68.5	−1.5	72.8	−1.4	75.1	+2.9	65.6	−0.2	60.2	+6.5	40.0	−2.7	31.2	−0.8	51.7	0.0
Lewistown, 1 W	34.4	.....	26.4	.....	33.4	.....	50.0	.....	60.2	.....	67.8	.....	72.1	.....	76.2	.....	66.2	.....	59.8	.....	40.0	.....	31.2	.....	51.5	.....
Lock Haven	34.4	+6.4	26.4	−2.0	34.4	−4.1	51.6	+0.7	61.0	−0.8	68.2	−1.5	71.7	−1.8	76.5	+5.1	66.7	+1.8	60.2	+7.0	38.4	−3.3	§30.9	0.0	§51.6	+0.6
Marcus Hook	40.0	+4.6	31.2	−4.2	40.6	−4.3	54.2	−0.5	63.8	−2.3	72.2	−3.1	77.8	−1.2	78.2	+1.6	71.6	+0.7	65.6	+5.9	46.6	−1.5	36.2	−2.2	56.5	−0.5
Martinsburg	33.8	.....	22.0	.....	30.5	.....	49.3	.....	57.1	..	65.6	.....	68.0	.....	73.0	.....	63.0	.....	58.2	.....	37.1	.....	29.5	.....	48.9	.....
Meadville, 1 S	30.6	+5.3	19.9	−4.5	28.4	−6.4	45.8	+0.2	54.2	−2.8	64.1	−1.8	67.1	−2.6	75.0	+7.3	63.2	+1.1	57.4	+6.7	36.1	−2.9	27.8	−1.2	47.4	−0.2
Mercer, 2½ NE	31.4	.....	19.3	.....	28.4	.....	46.0	.....	53.4	.....	63.7	.....	66.2	.....	74.0	.....	62.4	.....	57.6	.....	36.0	.....	29.1	.....	47.3	.....
Midland	35.4	+4.8	23.0	−8.4	33.0	−7.0	50.7	+0.4	57.3	−3.7	67.4	−2.7	69.1	−3.7	76.8	+4.6	65.1	+0.1	59.8	+5.3	39.4	−2.8	31.6	−1.4	50.7	−1.2
Montrose, 3 E	27.2	+4.3	18.8	−3.8	27.3	−4.6	42.4	−1.3	54.6	−0.6	62.2	−1.5	67.4	−0.9	§70.8	+4.0	60.2	−0.3	56.7	+7.7	34.4	−1.1	§24.0	−2.2	§45.5	0.0
Mount Pocono, 2 N	28.0	+4.9	18.6	−3.2	27.2	−4.7	42.7	+0.3	53.3	−0.8	60.8	−0.9	65.8	0.0	68.1	+4.1	58.9	+0.5	55.6	+7.4	34.2	−2.1	25.0	−0.6	44.8	−0.4
New Bloomfield	33.6	.....	26.5	.....	34.1	.....	50.6	.....	60.8	.....	§67.4	.....	70.4	.....	73.7	.....	65.0	.....	....	....	....	....	....	....	§§	.....
New Castle, 1½ N	34.0	+5.9	22.6	−6.2	31.6	−5.5	49.0	+0.4	56.2	−3.5	66.4	−2.7	68.6	−4.0	75.8	+5.3	64.6	+0.2	59.2	+6.7	38.0	−2.5	31.0	+0.1	49.7	−0.4
Palmerton	32.0	+3.8	24.8	−4.3	33.8	−4.5	47.9	−0.4	58.2	−1.7	65.4	−3.4	70.9	−2.4	72.4	+1.8	63.2	−0.9	57.4	+5.0	38.4	−3.3	29.9	−1.5	49.5	−1.0
Park Place, 1 NW	29.6	.....	19.9	.....	28.8	.....	44.6	.....	54.6	.....	62.2	.....	66.7	.....	70.2	.....	60.7	.....	57.4	.....	34.9	.....	26.2	.....	46.3	.....
Philadelphia (Airport)	38.3	+7.2	28.4	−4.1	37.8	−1.3	52.7	+2.1	62.0	−0.1	69.7	−0.9	75.4	+0.1	75.8	+2.5	68.2	+2.3	62.8	+7.3	43.6	−0.8	34.2	−0.4	54.0	+1.1
Phila. (City Office)	39.8	+7.2	30.1	−3.8	39.0	−1.8	53.6	+1.5	62.0	−0.9	69.8	−1.6	76.0	−0.2	76.4	+1.6	69.2	+1.2	64.2	+6.4	45.0	−0.7	35.8	−0.5	55.1	+0.7
Phila. Shawmont	38.6	+6.8	30.0	−3.2	38.3	−4.1	55.0	+2.7	63.1	−0.2	69.7	−2.8	75.2	−1.3	76.5	+2.2	69.3	+1.2	62.0	+6.1	43.0	−2.1	33.6	−1.1	54.5	+0.3
Philipsburg, 7 E	29.8	.....	17.8	.....	26.2	.....	44.6	.....	53.3	....	60.8	.....	63.8	.....	69.2	.....	58.4	.....	54.2	.....	33.3	.....	25.8	.....	44.7	.....
Phoenixville, 1½ SE	37.2	+6.2	28.8	−3.6	38.4	−2.9	55.0	+3.2	64.2	+1.9	§70.0	−1.7	§76.0	+0.2	77.2	+3.6	§69.6	+2.4	61.6	+6.3	44.1	−0.2	34.3	+0.5	§54.7	+1.4
Pittsburgh (Airport)	36.2	+8.0	22.1	−7.7	32.6	−4.6	52.0	+2.8	58.7	−1.5	68.5	−0.1	70.0	−3.0	76.6	+5.3	66.3	+1.6	62.0	+7.9	39.2	2.0	32.6	+0.6	51.4	+0.6
Pittsburgh (City Office)	38.8	+8.1	25.2	−7.1	35.0	−4.6	53.5	+2.3	60.6	−1.8	70.4	−0.3	72.0	−2.6	78.7	+5.8	68.3	+1.9	63.2	+7.5	41.8	−1.4	35.1	+0.9	53.6	+0.8
Port Clinton	33.2	+4.4	24.7	−4.7	33.0	−5.5	47.6	−1.9	57.8	−3.2	65.1	−4.1	69.8	−3.6	72.9	+1.7	63.0	−2.2	56.2	+2.9	39.2	−2.6	29.2	−2.6	49.3	−1.8
Putneyville, 2½ SE	31.3	.....	18.3	.....	27.2	.....	46.2	.....	54.6	.....	63.6	.....	66.6	.....	72.3	.....	61.0	.....	56.4	.....	32.6	.....	26.0	.....	46.5	.....
Quakertown, ½ E	34.4	+6.8	26.9	−2.0	35.4	−2.1	50.0	+1.4	58.8	−0.9	66.3	−2.2	71.2	−1.5	72.0	+1.6	64.4	+0.5	57.0	+4.8	39.9	−1.5	29.7	−1.5	50.5	+0.3
Reading	37.2	+6.1	28.6	−1.9	37.6	−3.0	52.4	+1.6	61.6	−0.3	69.3	−1.0	74.8	−0.4	76.4	+3.5	67.3	+0.7	62.6	+7.2	42.8	−1.1	34.0	−0.2	53.7	+0.9
Ridgway	29.6	+4.6	18.3	−6.6	25.6	−7.8	§45.7	+0.5	54.3	−1.6	63.1	−1.3	67.0	−0.9	73.2	+6.7	§60.8	+0.8	56.1	+7.5	35.0	−3.0	26.3	−1.4	§46.4	−0.1
Scranton	33.0	+6.4	23.7	−3.6	33.0	−2.7	47.6	−0.5	58.6	−0.8	66.5	−1.3	70.8	−0.9	74.0	+4.2	64.5	+1.6	59.0	+7.1	38.9	−1.6	29.4	−1.3	50.0	+0.6
Selinsgrove	34.4	+5.7	27.0	−1.6	35.0	−3.7	51.4	+2.0	59.4	−1.4	67.8	−1.8	71.2	−2.2	74.0	+2.6	65.4	+0.6	§59.2	+6.3	39.7	−2.1	30.5	−1.1	§51.2	+0.3
Shippensburg	36.7	+6.0	27.7	−3.2	35.5	−5.5	52.6	+1.8	60.4	−2.3	69.2	−2.2	72.2	−2.5	75.9	+2.8	67.2	+1.1	60.5	+5.5	41.0	−2.1	32.2	−0.6	52.6	−0.1
Somerset	33.0	+6.4	18.6	−8.4	27.8	−8.1	49.4	+3.2	55.2	−1.5	62.8	−2.5	65.4	−3.2	71.0	+4.1	61.2	+0.5	54.2	+4.9	36.0	−2.7	28.5	−0.4	46.9	−0.7
Springs, 1 SW	32.0	+5.5	18.6	−8.7	§26.6	−9.3	§47.6	+2.1	53.8	−1.7	61.6	−2.4	63.4	−4.0	68.8	+3.1	59.2	−0.7	54.7	+5.3	35.2	−3.3	28.2	−1.0	45.8	−1.3
State College	33.8	+7.0	23.3	−3.7	32.0	−4.3	49.2	+1.6	58.2	−0.8	66.6	−0.4	69.8	−1.2	74.3	+5.4	68.3	+0.5	59.0	+7.7	37.7	−2.4	30.2	+0.3	49.8	+0.8
Stroudsburg, 2 E	33.8	+6.8	27.0	−0.6	34.4	−2.6	50.8	+2.4	60.4	+0.7	§67.2	−0.2	§72.2	+0.2	....	....	....	....	§58.0	+6.0	§38.4	−2.7	§30.6	+0.4	§§	.....
Tamarack, 2 S	28.0	.....	18.0	.....	26.6	.....	42.8	.....	54.2	.....	61.7	.....	65.8	.....	70.4	..	59.2	..	57 0	.....	33.4	.....	24.2	.....	45.2	.....
Tionesta, 1½ SE	30.6	...	18 8	.....	§27.4	.....	46.7	.....	53.4	.....	64.7	.....	67.0	.....	74.8	.....	62.6	....	56.4	.....	35.9	....	28.6	.....	§47.0	....
Titusville, 2 S	30.4	.....	19.1	.....	27.0	.....	46.6	.....	54.0	.....	62.8	.....	65.5	.....	72.1	.....	62.6	.....	56.8	.....	35.8	.....	27.4	.....	46.7	.....
Towanda, 1 E	32.2	+6.6	24.6	−0.7	32.6	−2.6	46.6	+0.1	58.2	+0.4	65.6	−0.4	70.2	−0.4	73.6	+5.0	64.0	+1.6	57.3	+6.4	37.6	−2.9	28.8	−0.1	49.3	+1.2
Tunkhannock	31.4	.....	23.3	.....	31.4	.....	§46.3	.....	§57.8	.....	§65.3	.....	§70.0	....	72.8	....	§63.2	.....	§56 6	.....	§36.6	.....	§27.4	.....	§48.5	.....

(Continued on next page)

Monthly and Annual Mean Temperatures for the Year 1947, with Departures from the Normal—Continued.

Station	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.	Temperature.	Departure.
Uniontown	39.2	+6.5	24.8	−8.6	31.8	−6.8	55.9	+4.5	60.5	−1.6	69.6	−0.7	70.8	−2.6	76.6	+4.7	68.5	+2.0	62.6	+7.7	42.7	−1.2	[illegible]	−1.3	[illegible]	+0.4
Warren	31.5	[illegible]	21.1	−3.9	29.2	[illegible]	47.6	+2.7	56.0	−0.6	65.4	+0.2	68.9	−0.9	75.4	+7.6	64.6	+2.4	58.8	+7.9	37.6	−2.3	28.6	+0.1	48.7	+1.1
Waynesburg	37.2	+4.3	22.3	−9.2	32.7	−8.2	52.9	+2.2	§57.9	−3.1	66.4	−3.7	68.0	−5.1	74.6	+2.8	64.3	+1.1	58.2	+3.4	39.5	−1.7	29.5	−4.8	§50.3	−2.2
Wellsboro	29.5	[illegible]	20.4	−4.9	28.6	−4.3	44.4	−1.1	55.2	−1.3	62.8	−1.8	67.4	−1.4	72.8	+6.4	61.2	+1.0	[illegible]	+6.2	34.6	[illegible]	26.8	−1.1	[illegible]	+0.1
Wellsville	35.4	.....	26.9	....	34.4	....	51.7	.....	59.4	.....	66.9	.....	71.4	.....	74.2	.....	66.1	.....	§§59.3	.....	39.4	....	[illegible]	.....	51.1	.....
West Chester	37.4	+6.8	28.4	−2.9	37.0	−2.3	52.4	+2.4	61.7	+0.7	68.4	−1.3	73.8	−0.6	75.7	+3.5	67.8	2.1	62.2	+7.0	42.1	−1.2	33.[illegible]	0.0	[illegible]	+1.2
Wilkes-Barre(Airport) 3 N	33.[illegible]	....	25.0	.....	33.8	....	§47.2	.....	58.2	.....	66.0	....	70.4	....	73.4	....	63.8	.....	59.4	.....	37.7	....	28.5	....	48.[illegible]	.....
Williamsport Airport, 4 E	32.2	.....	24.8	.....	33.4	....	48.1	....	58.3	.....	66.3	.....	70.1	....	73.9	.....	64.4	.....	58.2	.....	38.2	.....	29.1	.....	48.[illegible]	.....
Williamstown	34.8	−6.3	26.4	−3.6	§33.8	5.0	51.2	+1.5	59.4	−1.1	68.2	−2.1	§70.8	−1.8	73.8	+3.1	§65.1	+0.1	59.2	+5.7	39.2	−3.6	30.6	−0.6	§49.8	−0.1
York, 3 SW	38.2	+7.9	29.2	−2.2	36.9	−4.0	55.0	+3.9	62.6	+0.7	70.2	−0.3	73.7	−1.0	76.6	+3.9	68.4	+1.9	61.2	+6.9	42.1	−1.3	32.6	0.7	49.6	+1.3
For The State	33.6	+5.3	23.2	−5.1	31.8	−5.9	49.1	+0.5	57.7	−2.0	66.0	−2.1	69.5	−2.6	74.0	+3.7	64.2	0.0	58.6	+5.9	38.3	3.0	29.6	1.1	49.6	−.4

Reference letters, as a, b, c.. in table indicate number of days missing; for example, b represents 2 days. §§ Incomplete. *Italics* interpolated. § Partially interpolated.

COMPARATIVE ANNUAL DATA FOR THE STATE

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	47.9	100	−31	45.91	39.7	130	110	116	140
1889	49.8	96	−27	52.67	22.3	136	112	113	140
1890	50.5	101	−18	51.28	55.5	141	106	116	143
1891	50.6	100	−14	45.65	34.1	124	124	108	133
1892	49.3	103	−28	41.30	54.0	125	123	106	137
1893	48.7	102	−25	44.26	61.6	126	116	120	129
1894	51.3	103	−28	48.69	68.1	117	132	116	117
1895	49.4	104	−25	38.51	39.7	104	143	115	107
1896	50.5	101	−26	41.95	42.4	114	124	113	129
1897	50.0	103	−12	42.73	37.2	124	128	106	131
1898	51.3	107	−16	45.49	38.8	130	123	107	135
1899	50.0	101	−39	40.93	47.9	112	134	111	120
1900	51.5	104	−23	37.31	33.3	111	130	114	121
1901	49.4	107	−22	45.54	35.4	123	118	111	136
1902	49.6	100	−24	47.29	60.8	125	123	115	127
1903	49.6	99	−17	46.27	37.3	121	130	105	130
1904	47.5	99	−42	40.44	50.8	127	133	104	129
1905	49.4	99	−25	43.34	40.9	128	133	109	123
1906	50.8	99	−21	42.78	45.0	129	128	104	133
1907	48.5	98	−23	45.45	51.5	132	136	102	127
1908	50.9	104	−29	39.58	54.4	108	157	104	105
1909	50.2	100	−19	37.38	41.4	117	140	102	123
1910	49.9	99	−22	38.99	67.6	119	135	99	131
1911	51.1	105	−18	45.52	39.2	133	131	93	141
1912	49.0	100	−35	44.13	38.6	126	133	99	134
1913	51.7	102	− 9	48.25	24.4	125	148	84	133
1914	49.3	101	−28	38.24	64.2	122	144	97	124
1915	50.1	99	−26	44.26	42.8	131	141	99	125
1916	49.6	103	−31	40.98	51.4	133	153	100	113
1917	47.3	105	−29	41.71	45.6	130	143	110	112
1918	50.2	108	−34	41.06	43.4	124	156	98	111
1919	51.1	104	−23	46.86	26.2	136	152	96	117
1920	49.2	99	−23	40.68	46.0	101	146	102	118
1921	53.1	104	−15	41.80	30.2	130	155	96	114
1922	51.4	100	−19	34.88	39.1	119	155	97	113
1923	50.4	103	−20	39.17	40.7	125	158	91	116
1924	48.4	102	−25	43.13	44.1	123	151	97	118
1925	50.3	104	−29	37.86	44.2	124	149	101	115
1926	48.7	105	−20	43.11	49.8	135	136	99	130
1927	50.9	100	−24	47.30	30.3	140	142	91	132
1928	50.5	99	−23	42.06	37.8	131	145	102	119
1929	50.5	101	−20	44.21	36.7	129	144	99	122
1930	51.2	108	−24	28.82	27.6	110	153	94	118
1931	52.8	105	−16	37.36	22.5	123	151	94	120
1932	51.6	105	−14	39.02	27.8	121	152	92	122
1933	51.7	107	−22	45.43	33.1	135	146	96	123
1934	50.6	107	−34	39.17	30.4	118	159	95	111
1935	50.2	104	26	40.43	49.7	136	138	92	135
1936	50.4	111	−30	42.57	50.1	127	147	93	126
1937	50.7	101	−14	46.62	27.1	139	134	96	135
1938	51.8	100	−20	40.31	30.1	131	142	95	128
1939	51.7	101	−18	37.06	33.8	126	142	97	126
1940	48.6	105	−19	43.71	47.9	133	120	94	152
1941	51.3	104	−15	34.12	42.4	112	146	95	124
1942	50.5	102	−30	47.84	51.0	137	125	102	138
1943	49.5	102	−27	38.04	38.8	130	125	109	131
1944	50.0	103	−26	40.22	53.8	136	118	111	137
1945	49.7	103	−28	49.27	52.5	161	111	105	149
1946	51.1	101	−27	39.64	21.3	125	131	102	132
1947	49.6	100	−13	41.08	49.4	141	112	108	145
Period	50.2	111	−42	42.08	42.0	127	136	103	126

KILLING FROSTS OR FREEZING TEMPERATURE

Stations	Last in spring	First in autumn
Allentown	May 10	Sept. 27
Altoona	May 10	Sept. 23
Bradford	May 11	Sept. 23
Brookville	.....	Sept. 23
Butler	May 11	Sept. 27
Carlisle	May 11	Sept. 27
Chambersburg	May 11	Sept. 27
Clarion	May 11	Sept. 23
Claysville	May 11	Sept. 23
Coatesville	May 11	Sept. 27
Corry	May 11	Sept. 23
Curwensville	May 11	Sept. 23
Eagles Mere	May 11	Sept. 23
Emporium	May 10	Sept. 23
Erie	May 10	Nov. 1
Everett	May 12	Sept. 23
Ford City	May 12	Sept. 28
Franklin	May 12	Sept. 27
George School	May 11	Sept. 27
Gettysburg	May 10	Sept. 23
Gordon	May 10	Sept. 23
Greensburg	May 11	Sept. 26
Harrisburg	May 9	Sept. 28
Hawley	May 11	Sept. 23
Huntingdon	May 10	Sept. 23
Indiana	May 11	Sept. 27
Johnstown	May 11	Sept. 23
Lancaster	May 11	Sept. 28
Lawrenceville	May 11	Sept. 23
Lebanon	May 10	Sept. 27

Stations	Last in spring	First in autumn
Lock Haven	May 11	Sept. 23
Mauch Chunk	May 11	Sept. 27
Meadville	May 11	Oct. 2
Mercer	May 10	Sept. 27
Midland	May 11	Sept. 27
Montrose	May 11	Sept. 23
New Castle	May 11	Sept. 27
Philadelphia	Mar. 31	Nov. 10
Phoenixville	May [illegible]	Sept. 27
Pittsburgh	May 10	Sept. 23
Port Clinton	May 11	Sept. 27
Quakertown	May 11	Sept. 27
Reading	Mar. 31	Sept. 27
Ridgway	May 31	Sept. 23
Scranton	May 10	Sept. 26
Selinsgrove	May 11	Sept. 23
Somerset	May 31	Sept. 23
Springs	May 10	Sept. 23
State College	Apr. 29	Sept. 23
Stroudsburg	May 11	Sept. 27
Towanda	May 11	Sept. 27
Uniontown	May 11	Sept. 27
Warren	May 10	Sept. 23
Waynesburg	May 11	Sept. 27
Wellsboro	May 31	Sept. 23
West Chester	May [illegible]	Oct. 1
Williamsport	May 11	Sept. 28
York	May 11	Sept. 27

MONTHLY STATE DATA

Month	Temperature						Precipitation					
	Mean	Dep. from normal	Highest sta. mean	Lowest sta. mean	Highest	Lowest	Average	Dep. from normal	Greatest	Least	Greatest in 24 hrs.	Average snow
January	33.6	+5.3	39.9	27.2	72	− 6	3.65	+0.52	6.42	1.69	1.87	7.2
February	23.2	−5.1	31.2	16.4	58	−13	1.39	−1.39	6.01	0.34	2.05	19.5
March	31.8	−5.9	40.6	25.0	67	− 8	2.27	−1.23	4.93	1.07	2.11	12.6
April	49.1	+0.5	56.0	41.8	85	11	3.86	+0.44	8.88	1.38	4.06	0.1
May	57.7	−2.0	64.2	51.3	93	16	6.36	+2.35	11.84	2.16	3.31	0.2
June	66.0	−2.1	72.2	59.7	98	29	4.04	−0.12	6.88	1.86	3.23	0
July	69.5	−2.6	77.8	63.2	100	38	6.23	+1.92	19.81	1.57	10.42	0
August	74.0	+3.7	80.2	67.8	100	37	3.85	−0.30	11.46	0.87	3.66	0
September	64.2	0.0	71.6	58.0	95	17	2.35	−1.08	5.21	0.24	2.53	T.
October	58.6	+5.9	66.6	52.4	93	17	1.34	−1.90	4.01	0.28	3.01	0
November	38.3	−3.0	46.6	32.8	71	0	4.22	+1.32	9.02	1.90	4.62	3.5
December	29.6	−1.6	36.2	24.0	66	5	1.52	−1.53	3.51	0.59	1.25	6.3
Year	49.6	−0.6	80.2	16.4	100	− 13	41.08	−1.00	19.81	0.24	10.42	40.4

NOTE: Departures, as shown on the various tables, incorporate all corrections to 1947 monthly issues of Pennsylvania Climatological Data.

(W.B.O., Philadelphia, Pa.—4-20-48—1250)

COOPERATIVE AND RAINFALL OBSERVERS

Stations	Observers
Acmetonia	U. S. Engineers.
Albion	Albion High School.
Allens Mills	Fed-State Flood Festg Ser.
Allentown Airport	U. S. Weather Bureau.
Allentown	Allentown-Beth. Gas Co.
Altoona	City of Altoona.
Ansonia	E. N. Jenckes.
Arendtsville	Pa. St. Col. Expt. Sta.
Austinburg	U. S. Engineers.
Beavertown	Plaza Mills, Inc.
Beaver Falls	H. J. Kemp.
Bellefonte	West'n State Penitentiary.
Berwick	American Car & F'dry Co.
Bethlehem	Lehigh University.
Blairsville	U. S. Weather Bureau.
Blakeslee Corners	Fed-State Flood Festg Ser.
Bloserville	Mrs. Bessie M. Willders.
Boswell	Frank J. Houpt.
Bradford	City of Bradford
Breezewood	Penna. Turnpike Comm.
Brookville	Civil Aeronautics Auth'y.
Buckstown	Fed-State Flood Festg Ser.
Buffalo Mills	Nelle R. Brown.
Burnt Cabins	Penna. Turnpike Comm.
Butler	The Butler Eagle.
Canton	Mrs. Mildred L. Spencer.
Carlisle	Clarence E. Miller.
Carrolltown	Maurus P. Westrick.
Carter Camp	Irving E. Gressel.
Cedar Run	Chas. R. Nivison.
Chambersburg	Charles A. Bender.
Clarion	Penna. Electric Co.
Claysville	Walter B. Paget.
Clearfield	Wm. H. Witherow.
Coalport	Adam I. Neff.
Coatesville	Philadelphia Electric Co.
Columbia	James H. Rust.
Confluence	John L. Reid.
Confluence, 1SW. Evap.	U. S. Engineers.
Connellsville	E. C. Steward.
Conshohocken	E. K. Cornelius.
Coraopolis	U. S. Engineers.
Corry	George P. Mulderick.
Coudersport	Potter Enterprise
Coudersport, 7.5 E.	Robert Keith.
Covington	Grover D. Cleveland
Curwensville	U. S. Weather Bureau
Danville	James A. Bryan.
Dauphin	Fed-State Flood Festg Ser.
Derry	Miss N. Dixie Wineman
Dingmans Ferry	Geo. E. Darragh.
Donegal	Penna. Turnpike Comm.
Donora	Donora Zinc Works.
Doylestown	Geo. Hart.
Driftwood	Fed-State Flood Festg Ser.
Dunlo	Fed-State Flood Festg Ser.
Dushore	Fed-State Flood Festg. Ser.
Eagles Mere	Carl E. Bigger.
East Waterford	U. S. Weather Bureau.
Ebensburg	John L. McGough.
Emporium	Russell E. Palmateer.
English Center	Fed-State Flood Festg. Ser.
Ephrata	William W. Halligan.
Equinunk	Rose H. Nielsen
Erie	U. S. Weather Bureau.
Everett	Penna Turnpike Comm.
Farrell	Carnegie-Ill. Steel Corp.
Ford City	U. S. Engineers.
Franklin	William K. Fuller.
Fredericksville	Henry H. Rohrbach.
Freeland	Andrew B. Evansha.
Galeton	W. Gale Lush.
Geigertown	Walter C. Wolf.
George School	George M. Hart.
Gettysburg	Dr. Henry Stewart.
Glen Hazel	Vern A. VanOrder.
Glen Rock	U. S. Engineers.
Gordon	Miss Sallie M. Johnson.
Gouldsboro	L. H. Eilenberger.
Grantville	Edward N. Rhoads
Graterford	C. K. Kulp.
Greensboro	U. S. Engineers.
Greensburg	Westmoreland Water Co.
Greenville	C. Earl Miller.
Hanover	Hanover Evening Sun.
Harrisburg	U. S. Weather Bureau.
Hawley	Mrs. Della M. Pennell.
Hewitt	Miss Marie E. Roland.
Hollisterville	Leonard E. Elliott.
Holtwood	Penna. Water & Power Co.
Home	Fed-State Flood Festg Ser.
Hop Bottom	Joseph Sanauskas.
Huntingdon	Paul R. Yoder Jr.
Huntsdale	T. J. Dingle.
Hyndman	W. J. Emerick.
Indiana	Clymer Water Service Co.
Irwin	Westmoreland Water Co.
Jamestown	Pa. Dept. Forests & Waters
Johnstown	Johnstown Trib. Pub. Co.
Kane	Spring Water Co.
Karthaus	Mrs. Emma M. Shultz
Kirkwood	Soil Conservat on Service.
Kregar	Penna. Turnpike Comm.
Lakeville	Penn. P. & L. Co.
Lancaster	City of Lancaster
Lansford	Lehigh Nav. Coal Co.
Lawrenceville	Carlos P. Darling.
Lebanon	Lebanon Valley Gas Co.
Lewistown	American Viscose Corp.
Lock Haven	Wm. R. Kelley.
Lycippus	Westmoreland Water Co.
Maple Glen	L. F. Scheibner, Jr.
Mapleton Depot	Mrs. Ivy S. Buchanon.
Marcus Hook	Sun Oil Co.
Marienville	U. S. Forest Service.
Martinsburg	U. S. Weather Bureau
Matamoras	Henry Bisland.
Mauch Chunk	Henry S. Haak.
McConnellsburg	Ruth L. Roettger.
McConnellstown	Fed-State Flood Festg Ser.
Meadville	City of Meadville.
Medix Run	Fed-State Flood Festg Ser.
Mercer	U. S. Weather Bureau
Mercersburg	Rollin P. Gilbert
Meyersdale	Louis M. Weld.
Middletown	U. S. Army Air Force.
Midland	Perry B. Campbell.
Milanville	Charles W. Davis.
Millersburg	Fed-State Flood Festg Ser.
Millville	Fed-State Flood Festg Ser.
Milroy	David S. Nace.
Monroeton	Fed-State Flood Festg Ser.
Montrose	Harry S. Fancher.
Mosgrove	U. S. Engineers.
Mount Pocono	U. S. Weather Bureau.
Murrysville	Wm. H. McWilliams.
Neffs Mills	Fed-State Flood Festg Ser.
Neffs Mills (Evap.)	Penna. State College.
New Bloomfield	J. Earl Sheaffer
Newburg	Penna. Turnpike Comm.
New Castle	New Castle Water Co.
New Park	C. J. Allen.
Newport	Mrs. Frances K. Fry.
New Tripoli	F. C. Oswald
Orwell	William I. Brown
Palmerton	New Jersey Zinc Co.
Parkers Landing	Mrs. Janette Shultz.
Park Place	U. S. Weather Bureau.
Pecks Pond	Mrs. Carrie Ness.
Pennline	Miss Retta M. Crumb.
Philadelphia	U. S. Weather Bureau.
Phila-Shawmont	Geo. E. Wright
Philipsburg	U. S. Weather Bureau.
Phoenixville	Phila. Sub- Water Co.
Pikes Creek	Fed-State Flood Festg Ser.
Pine Grove	Penn. P. & L. Co.
Pittsburgh	U. S. Weather Bureau.
Pleasant Mount	Rexford G. Thomas.
Port Allegany	Ralph McConnell.
Port Clinton	E. E. Rarick.
Pottstown	Miles E. Smith.
Pottsville	Pottsville Water Co.
Punxsutawney	John Volansky.
Putneyville	U. S. Engineers.
Quakertown	John E. Benner.
Raymond	Fed-State Flood Festg Ser.
Reading	U. S. Weather Bureau.
Renovo	Mrs. C. W. Baird.
Rices Landing	U. S Engineers.
Ridgway	West Penn. Power Co.
Rush	M. Maud McCain.
Saltsburg	Walter B. Sullivan.
Saxton	Miss Jean Rhodes.
Scranton	U. S. Weather Bureau.
Selinsgrove	Dr. Merle V. Hoover.
Seward	Edward L. Stutzman.
Shade Gap	Fed-State Flood Festg Ser.
Shamokin	Roaring Creek Water Co.
Sheffield	Fed-State Flood Festg Ser
Shippensburg	Keith B. Allen.
Smethport	Fed-State Flood Festg Ser
Somerset	D. L. Grove.
South Mountain	Pa. Dept. of Health.
Springs	Allen E Yoder.
State College	Penn State College.
Strausstown	Robert B. Hiester.
Strongstown	Harry F. Bennett.
Stroudsburg	Metropolitan-Edison Co.
Sunbury	Chas. W. Baylor.
Susquehanna	Mrs. Laura A. Benson.
Tamarack	James E. Swartz.
Tanners Falls	Leslie E. Walter.
Tionesta	U. S. Engineers.
Titusville	U. S. Weather Bureau
Towanda	Mrs. M. Ordelia Parks.
Trout Run	Mrs. Sarah B. Strouble.
Tunkhannock	Sky Haven Airport.
Tyrone	Fed-State Flood Festg Ser.
Union City	Fed-State Flood Festg Ser.
Uniontown	Wm. W. Marsteller.
Vandergrift	Carnegie-Ill. Steel Corp.
Virginville	Mrs. Irene M. Werley.
Wallenpaupack Dam	Penna. P. & L Co.
Warren	Merrell L. Jordan.
Washington	Fed-State Flood Festg Ser
Waynesburg	Ralph L. Amos
Wellsboro	Maynard S. Bliss.
Wellsville	D. D. Hoover.
Wernersville	J. H. Thompson.
West Chester	Clyde T. Saylor.
Westgrove	Conard-Pyle Co.
Wilkes-Barre	Civil Aeronautics Auth'y
Williamsport	U. S. Weather Bureau.
Williamsport	Sam W. Pursell.
Williamsport, 4 SE.	Fed-State Flood Festg Ser.
Williamstown	Gordon Lower.
Wind Gap	George R. Hartz.
York	York Water Co.
York Haven	Metropolitan-Edison Co.
Youngsville	Fed-State Flood Festg Ser.
Zionsville	Horace R. Miller.

GENERAL SUMMARY (Continued)

a swimmer was killed by lightning on the 20th. On the 26th a nine-year-old boy was killed by lightning at Bedford.

SEPTEMBER: Hot summer weather continued up to the 15th. From then on was a decided change to colder, and the remainder was as cool as the first part was warm, resulting in a "normal" mean temperature. A tornado on the 2d near Burgettstown resulted in the deaths of two people and property damage of about $100,000. A killing frost on the 23d ended the growing season, killing corn and buckwheat.

OCTOBER: Warm, dry, sunny and pleasant, this equalled October, 1900 as the warmest of record. It was also the sixth driest and for the first 27 days gave promise of being the driest. Near-drought conditions prevailed, with pastures shriveling and streams drying up. The Governor closed the State forests on the 26th, owing to the fire hazard, but rescinded the ban after the heavy rains at the end of the month.

NOVEMBER: After October's warmth and dryness, November was an unpleasant change, being a full 20° colder than the former, as well as more than three times as wet. Windiness was in considerable evidence, especially around the 24th and 25th. Snowfall was slightly above normal and was concentrated generally in the last week, but with spotty distribution. Erie had a total of 35 inches, a November record.

DECEMBER: Though colder than normal, this was not an unpleasant month, owing mostly to dryness and sunshine. Precipitation was about half normal. Snowfall was not general until the last decade, but the heaviest snow came just one day too late to provide a white Christmas.


PENNSYLVANIA
SCALE OF MILES
10 0 10 20 30 40 50
LEGEND
Section Center
Weather Bureau Office
Substation (Temperature and Precipitation).
Substation (Precipitation).
Substation (Evaporation, Temperature, and Precipitation)
NOTE—Dash (—) above station symbol indicates availability of hourly temperature data; below symbol autographic precipitation record. Symbol at location of equipment for example, "4SW" indicates station 4 miles SW of postoffice
80°
79°
78°
77°
76°
75°
42°
41°
Lake Erie
Erie
ERIE
Albion
Union City
Corry
CRAWFORD
Meadville
Titusville (2 S)
Saegertown (6 W)
WARREN
Youngsville
Warren
McKEAN
Bradford (4 W)
Port Allegany
Smethport (1 SW)
Kane (1 N)
Austinburg (2 W)
Lawrenceville
Raymond
Coudersport
POTTER
Galeton
Ansonia (2 W)
TIOGA
Wellsboro
Covington
Carter Camp
Cedar Run
English Center
Orwell (3 N)
BRADFORD
Towanda (1 E)
Monroeton (2 S)
Canton (1 NW)
SUSQUEHANNA
Montrose (3 E)
Susquehanna
Pleasant Mount (1 W)
WAYNE
Tanners Falls (1 SE)
Lakeville (1 N)
Honesdale
Hawley
Hollisterville (1 S)
Matamoras
PIKE
Gouldsboro
Dingmans Ferry (1 E)
Mt. Pocono Airport (2 N)
Blakeslee Corners
MONROE
Delaware River
Tunkhannock
Dushore
WYOMING
SULLIVAN
Eagles Mere
Pikes Creek
Wilkes Barre Airport (3 N)
Retreat
LUZERNE
Scranton
LACKAWANNA
Freeland
Berwick
COLUMBIA
Millville
Williamsport
Williamsport Airport (4 E)
Williamsport (4 SE)
LYCOMING
Renovo
Driftwood
Emporium (1 E)
CAMERON
Lamarack (2 S)
ELK
Ridgway
Medix Run
CLINTON
Lock Haven
Karthaus
Curwensville Airport (6 NW)
Clearfield
Allens Mills
Brookville Airport (2 SW)
JEFFERSON
Parkers Landing
CLARION
Clarion (3 SW)
Farrell
Mercer Airport (3 NE)
MERCER
VENANGO
FOREST
Marienville
Tionesta
Franklin
Oil City
Emlenton
Kittanning
Butler
BUTLER
Mosgrove
ARMSTRONG
Beaver Falls
BEAVER
Ford City (4 S)
Vandergrift
Indiana
Strongstown
Home
INDIANA
Coalport
Tyrone (4 NE)
CLEARFIELD
CENTRE
Philipsburg Airport (7 E)
Woodward Airport (2 NE)
State College
Milroy (5 N)
Neffs Mills (4 NE)
MIFFLIN
Lewistown (2 SW)
Selinsgrove
SNYDER
UNION
Danville
Sunbury
Shamokin
Ringtown
Park Place (1 NW)
Landford (1 SW)
Palmerton
CARBON
Chunk (2 E)
NORTHUMBERLAND
Gordon
Pottsville
SCHUYLKILL
New Tripoli Airport (4 NE)
Bethlehem
Allentown
LEHIGH
Zionsville (1 SW)
Quakertown (1 E)
NORTHAMPTON
Delaware River
Port Clinton
Fredericksville (1 S)
BERKS
Reading
Pottstown
Douglestown
George School
BUCKS
Craterford
MONTGOMERY
Phoenixville (2 SE)
Conshohocken
Philadelphia International Airport
PHILADELPHIA
CHESTER
Shawmont
Coatesville
West Chester
Philadelphia Municipal Airport
DELAWARE
Marcus Hook
Williamstown
Millersburg (2 E)
Pine Grove (2 NE)
Dauphin (3 N)
DAUPHIN
Harrisburg
Middletown Airport (2 W)
Harrisburg (4 S) Airport
Ephrata
LEBANON
Lebanon (2 SW)
Grantville
LANCASTER
Columbia
Lancaster
York Haven
Susquehanna River
YORK
York (3 SW)
Glen Rock
Hanover
New Park
Holtwood
Kirkwood (1 SW)
Westgrove (2 SE)
ADAMS
Arendtsville
Gettysburg
FRANKLIN
Chambersburg (1 SW)
Mercersburg
South Mountain
FULTON
McConnellsburg
Buffalo Mills
Everett (1 SW)
Breezewood (1 E)
BEDFORD
Saxton (1 W)
Shade Gap
Burnt Cabins (2 NE)
HUNTINGDON
Martinsburg Airport
Mapleton Depot
Huntingdon
Altoona (4 W)
McConnellstown (2 SW)
BLAIR
CAMBRIA
Ebensburg
Carrolltown
Johnstown (1 W)
Dunlo
Blairsville (6 NE)
Seward
Saltsburg
Indiana
Juniata River
E. Waterford (3 E)
New Bloomfield
Newport
PERRY
Bloserville (1 N)
Carlisle
CUMBERLAND
Newburg
Huntsdale
Shippensburg
(3 NW)
Newville
Donegal
Kregar (4 SE)
Boswell (6 NW)
Buckstown
Somerset
SOMERSET
Connellsville
Lycippe (2 E)
Derry
Irwin
Greensburg (2 S)
Pittsburgh Airport (7 SE)
Mt. Lebanon
Pittsburgh
Murrysville
ALLEGHENY
WESTMORELAND
Claysville
Washington
Donora
WASHINGTON
Waynesburg
Rices Landing
Uniontown
Greensboro
GREENE
FAYETTE
Confluence (2 NW)
Springs (1 SW)
Meyersdale
Hyndman
Hewitt (2 SW)
Ohio River
Allegheny River
Monongahela River
Susquehanna River
Delaware River
Rev 2-28-45

MAY 6 1948
UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

32 PENNSYLVANIA SECTION

L. F. CONOVER
HARRISBURG, PA.

VOL. LIII. JANUARY 1948. No. 1.

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GENERAL SUMMARY.

This was the coldest January since 1940 and the sixth coldest and fifth snowiest of record. It was 14 degrees per day colder than January of last year, which was the sixth warmest of record. Temperatures in the first decade were not far from normal, but the following period was cold, particularly in the last half, when a considerable number of days with minima below zero were recorded, in some cases establishing new low records. The cold aggravated a bad fuel shortage, and in many localities the use of gas for industrial purposes had to be cut off. Fuel oil was also in very short supply.

Precipitation was very frequent, though slightly below normal, but snowfall was about double the normal, owing to the cold. There was very little precipitation after the 25th. A great part was on New Year's Day, in the form of rain, sleet and freezing rain, making that day quite unpleasant. From most parts of the State, especially the Eastern portion, came reports of glaze on the 1st and 2d (said in some cases to be the worst of memory), causing slippery roads that resulted in many traffic accidents. The glaze heavily coated utility and power lines, resulting in breaks in service. There were also thunderstorms reported on the 1st from 12 stations. High winds on a number of days added to the variety of the weather.

The storm of January 1–2, which caused the heaviest precipitation of the month and in some places accounted for the major part of the month's total, was an intense depression with several waves. This moved from Oklahoma to Pennsylvania in 24 hours, and extended, with its fronts and waves, from the Gulf to the Massachusetts coast. The warm moist maritime tropical air was lifted over the polar continental air, causing generally heavy precipitation, including freezing rain in the cold air north of the associated warm front, and snow west of the cold front. The storm of the 13th was mostly an elongated trough that extended throughout the Atlantic coast states, with a complicated frontal structure in extension of a depression that was then located in Ontario and Quebec. The snowstorm of the 24th, which produced in most cases the heaviest snowfall of the month, was a coast storm which moved rapidly along the Atlantic coast, while being held off the coast by a high pressure area in the New England States and Canadian Maritime provinces. Sixteen stations reported amounts of 12 inches or more in 24 hours during this storm.

Strangely enough, in spite of the frequency of precipitation, sunshine was generally above normal.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 92 stations was 20.1°, which is 8.1° below the 61-year normal for January. The highest monthly mean was 28.6 at Marcus Hook and the lowest was 12.8° at Kane. Extremes ranged from a maximum 57° at Waynesburg on the 1st to a minimum −31° at Kane on the 31st.

PRECIPITATION

The average precipitation for the State, as deduced from the observations at 208 stations, was 3.02 inches, which is 0.11 inch below the 61-year normal for January. The greatest monthly amount was 5.74 inches at New Park, while the least was 1.36 inches at Jamestown. The greatest amount recorded in any 24 consecutive hours was 2.70 inches at West Grove on the 1-2d.

The average snowfall for the State was 21.5 inches, which is 10.9 inches above the 61-year normal. The greatest monthly snowfall was 40.5 inches at Kane. The greatest fall for any observational day was 17.5 inches at Kane on the 24-25th.

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	23.2	61	−19	4.19	14.0	13	5	11	15
1889	29.4	68	−5	3.54	7.8	10	9	13	9
1890	37.5	77	−2	3.04	1.8	14	7	8	16
1891	30.5	64	−4	3.64	9.8	12	6	10	15
1892	26.2	66	−28	4.77	13.5	12	8	8	15
1893	19.0	57	−25	2.85	18.0	12	7	10	14
1894	32.8	65	−9	2.29	7.2	10	9	9	13
1895	24.2	58	−17	4.17	14.2	13	7	10	14
1896	27.6	60	−15	1.43	3.4	6	8	9	14
1897	25.6	71	−25	2.15	11.0	10	8	8	15
1898	30.7	67	−16	4.25	11.0	13	6	8	17
1899	26.6	66	−21	3.05	10.3	10	12	8	11
1900	29.8	63	−8	2.64	5.3	10	8	9	14
1901	29.1	59	−10	2.22	8.6	11	8	8	15
1902	25.6	56	−13	2.80	11.5	9	8	9	14
1903	26.9	68	−13	3.31	11.7	11	6	8	17
1904	20.0	66	−42	3.55	20.4	12	10	6	15
1905	23.8	69	−21	3.70	21.2	12	8	8	15
1906	35.0	85	−4	2.53	4.5	11	10	8	13
1907	30.0	75	−23	4.36	13.2	15	6	7	18
1908	28.4	59	−18	2.68	11.4	9	12	8	11
1909	31.2	72	−19	2.92	12.8	13	9	6	16
1910	27.2	56	−22	5.55	26.0	14	7	5	19
1911	31.6	70	−5	3.54	4.5	13	8	5	18
1912	18.6	57	−35	1.92	13.6	12	8	7	16
1913	36.5	65	3	4.95	4.5	16	9	6	16
1914	30.2	81	−27	3.37	11.7	11	7	7	17
1915	28.3	62	−26	5.56	14.7	13	10	6	15
1916	34.2	76	−12	2.42	1.8	12	9	8	14
1917	27.9	69	−18	3.60	4.2	13	11	8	12
1918	16.2	57	−29	3.51	25.2	12	10	8	13
1919	32.0	64	−15	2.53	6.2	8	14	8	9
1920	20.9	59	−23	2.47	10.0	10	9	8	14
1921	31.0	63	−13	2.58	4.4	10	12	7	12
1922	25.0	62	−19	2.26	16.0	8	14	7	10
1923	29.1	62	−17	4.26	17.6	14	6	6	19
1924	28.1	65	−13	4.34	3.6	8	11	8	12
1925	25.2	55	−29	3.53	29.4	10	11	7	13
1926	27.8	66	−19	2.80	10.5	11	9	9	13
1927	27.4	61	−24	2.90	5.7	13	9	6	16
1928	29.8	65	−23	2.08	6.8	9	12	8	11
1929	27.3	73	−20	3.37	7.6	12	9	9	13
1930	29.2	72	−24	2.25	8.4	12	8	8	15
1931	30.0	65	−12	1.46	4.4	7	12	9	10
1932	40.5	79	9	4.51	1.3	14	7	6	18
1933	37.0	71	−6	2.00	1.9	8	12	7	12
1934	32.2	67	−19	2.54	2.3	11	8	8	15
1935	27.5	72	−23	3.08	13.5	11	11	6	14
1936	23.6	59	−30	4.21	19.4	14	8	7	16
1937	36.7	71	5	6.36	4.8	16	5	7	19
1938	28.9	66	−20	2.51	5.1	12	8	7	16
1939	30.3	69	−18	3.14	15.2	13	8	7	16
1940	19.3	56	−16	1.41	8.4	10	9	7	15
1941	27.9	58	−10	2.62	14.6	13	7	6	18
1942	27.3	64	−30	1.86	7.6	8	11	7	13
1943	28.2	73	−12	2.68	15.5	14	5	7	19
1944	30.6	68	−12	2.12	4.3	7	9	10	12
1945	20.4	58	−28	2.68	22.6	14	8	8	15
1946	29.2	75	−27	1.36	5.0	10	8	8	15
1947	33.6	72	−6	3.65	7.2	11	6	8	17
1948	20.1	57	−31	3.02	21.5	14	9	7	15
Period	28.2	85	−42	3.13	10.6	11	9	8	11

Climatological Data for January 1948

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt.9-4 NE	Lehigh	384	7	20.0	−9.3	40	9	− 9	31	3.39	−0.11	1.06	1-2	28.2	14	10	6	15	nw.	U.S. Weather Bureau.
Altoona-4.5 W	Blair	1,500	62	20.6	−6.9	48	9	− 8	19†	2.92	−0.01	0.80	1	18.5	14	13	10	8	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	6	20.6	.....	48	9	−12	31	2.58	.....	1.41	1	13.5	9	11	2	18	w.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	8	15.5	.....	39	9	−12	15	2.98	.....	1.22	1-2	23.8	13	14	3	14	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	79	23.4	−5.2	51	9	−10	31	3.28	+0.14	1.18	1	17.0	12	15	6	10	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	52	22.9	−6.9	50	9	− 8	26	3.27	+0.46	1.88	1	11.1	8	10	11	10	s.	Charles A. Bender.
Coatesville	Chester	441	60	22.8	−7.4	47	9	0	26†	4.26	+0.39	2.09	1-2	9.9	11	13	5	13	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	5	15.2	.....	42	9	−11	31	2.64	.....	0.89	1-2	24.6	19	4	4	23	w.	U. S. Weather Bureau
Eagles Mere	Sullivan	2,020	6	14.6	.....	38	9	− 9	24†	3.25	−0.48	1.55	1-2	15.0	9	7	8	16	nw.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	10	19.4	.....	45	9	− 5	31	2.76	+0.27	1.34	1-2	18.9	10	7	8	16	nw.	U. S. Weather Bureau.
Emporium 1 E	Cameron	1,100	61	18.5	−7.5	49	9	−26	31	2.62	−0.74	1.00	1-2	20.5	12	10	3	18	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	50	24.6	−5.7	48	9	− 3	31	3.88	+0.87	1.16	1	19.9	13	12	6	11	w.	Wm. W. Halligan
Everett-0.5 SW	Bedford	1,020	25	21.4	−6.7	44	21	−12	31	2.81	−0.09	1.57	1-2	13.4	9	7	8	16	sw.	Penna. Turnpike Comm.
Freeland	Luzerne	1,970	54	18.2	−6.0	39	1†	− 7	24	3.45	+0.17	1.31	1-2	26.7	16	3	5	23	n.	Andrew B. Evansha.
George School	Bucks	184	41	23.2	−7.9	44	9	− 5	19†	4.86	+1.47	1.42	12-13	13.1	12	16	6	9	nw.	George M. Hart.
Gettysburg	Adams	553	74	25.1	−5.0	56	1	− 7	26	4.12	+1.03	1.60	1	12.6	12	12	7	12	nw.	Hugh C. McIlhenny.
Gordon	Schuylkill	900	43	17.6	−9.3	43	9	−17	29†	3.29	−0.25	0.85	24-25	27.5	12	13	3	15	nw.	Miss Sallie M. Johnson
Hanover	York	600	43	25.0	−7.5	54	9	0	31	4.33	+1.19	2.45	1-2	19.0	10	13	4	14	sw.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S	Dauphin	351	78	23.6	−5.4	49	9	− 4	29	2.75	−0.34	1.65	1-2	17.0	12	9	7	15	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	37	17.6	−7.4	42	9	−22	31	3.29	+0.56	1.33	1-2	31.9	14	16	5	10	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	32	25.0	−6.5	46	9	0	26	4.06	+1.03	2.02	1-2	18.0	11	13	5	13	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	60	.....	.....	.....	.....	.....	.....	2.19	−0.92	1.15	1-2	19.0	9	13	2	16	w.	J. W. Shilling.
Lancaster	Lancaster	255	60	28.6	−6.4	47	9	− 8	29	3.94	+0.78	0.96	1-2	14.3	15	15	6	10	nw.	Lancaster Water Bureau.
Lawrenceville	Tioga	936	50	17.9	−7.2	43	21	−26	19	2.85	+1.01	0.87	1-2	30.5	9	7	13	11	n.	Carlos P. Darling.
Lebanon	Lebanon	469	63	21.4	−7.7	46	9	− 6	26†	3.80	+0.48	1.71	1-2	22.2	11	12	11	8	sw.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	9	21.1	.....	50	9	−13	31	2.38	.....	1.03	1-2	19.1	11	6	9	16	w.	American Viscose Co.
Lock Haven	Clinton	557	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Samuel C. Dickey, Jr.
Marcus Hook	Delaware	12	20	28.6	−6.8	52	9	6	31	4.52	+1.23	2.00	1-2	6.7	11	9	6	16	nw.	Sun Oil Co.
Martinsburg[8]	Blair	1,493	5	20.0	.....	49	9	−10	31	2.02	.....	0.90	1	16.5	11	6	10	15	nw.	U. S Weather Bureau
Montrose-3 E	Susquehanna	1,176	42	14.8	−8.1	39	9	−15	24	4.27	+1.70	1.74	1-2	40.4	14	11	3	17	nw.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	6	15.8	−7.3	39	9†	−17	19	3.15	−0.23	1.48	1-2	27.8	14	9	6	16	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	29	19.8	−8.4	42	9	−10	31	2.63	−0.16	0.63	1	24.1	12	11	7	13	ne.	New Jersey Zinc Co.
Philadelphia C. O	Philadelphia	26	77	27.3	−5.3	50	9	6	31	5.42	+2.12	2.33	1-2	10.3	15	14	4	13	n.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	5	15.0	.....	45	9	−27	19	4.01	.....	1.46	1-2	30.7	16	6	6	19	w.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	38	28.2[5]	−2.8	54	10	−10	31	4.86	+1.20	2.16	1	18.5	11	18	5	8	s.	Phila.-Suburban Water Co.
Port Clinton†‡	Schuylkill	407	9	19.7	−9.1	37	13	−10	29	2.82	−0.70	1.20	1-2	27.0	11	13	5	13	n.	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	62	21.4	−6.2	44	9	−11	31	4.25	+0.79	1.16	1-2	18.9	13	13	6	12	nw.	John E. Benner.
Reading	Berks	273	77	24.8	−6.3	47	9	2	31	4.13	+0.56	1.77	1-2	18.9	16	10	6	15	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	58	19.9	−6.7	43	9	9	19	2.57	0.46	0.81	24-25	23.1	10	8	8	15	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	57	19.8	−8.9	45	9	−22	29	2.77	−0.24	0.98	1-2	.....	11	12	5	14	n.	Selinsgrove Arpt.
State College	Centre	1,217	62	20.5	−6.3	48	9	− 9	31	2.82	−0.09	1.09	1	20.8	9	9	5	17	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	28	20.4[5]	−6.6	46	9	−13	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	n.	Metropolitan Edison Co.
Sunbury	Northumberland	443	2	20.1	.....	45	9	−12	31	2.99	.....	1.44	1-2	25.8	11	9	7	15	w.	U. S. Weather Bureau.
Tamaruck-2 S	Clinton	2,250	7	15.6	.....	41	8†	−10	31	3.23	.....	1.78	1-2	29.4	12	8	7	16	w.	James E. Swartz.
Towanda-1 E	Bradford	754	53	18.4	−7.2	44	9	−22	19†	2.64	+0.66	0.77	24	27.3	12	11	8	12	nw.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	77	15.0	−9.2	41	9	−25	31	2.56	+0.19	1.48	1-2	30.5	10	13	3	15	e.	M. S. Bliss.
West Chester	Chester	440	98	25.2	−5.4	47	9	2	31	4.09	+0.31	1.48	1	13.1	13	13	5	13	nw.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N	Luzerne	543	9	18.6	.....	41	9	−13	19†	2.35	−0.04	1.33	1-2	20.6	11	1	12	18	sw	U.S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	3	19.2	.....	43	9	−14	31	2.82	...	1.44	1-2	19.4	10	10	3	18	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	31	22.2[5]	−6.3	46	9	−12	29	3.00§	+0.30	1.15	1-2	13.0	10	7	15	9	.....	Gordon E. Lower.
York 3 SW	York	390	59	24.6	−5.7	53	9	−12	26	4.76	+0.76	1.30	1	20.0	12	11	11	9	w.	York Water Co.
Division mean				**20.7**	**−7.9**	**56**	**1**	**−27**	**19**	**3.36**	**+0.26**	**2.70**	**1-2**	**20.5**	**12**	**10**	**7**	**14**	nw.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	12	17.6	.....	46	9	− 4	15†	2.72	−0.20	1.06	1†	28.1	17	3	2	26	nw.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	30	16.2	−7.5	42	9	−28	31	2.58	.....	0.73	1	30.6	16	5	5	21	nw.	City Water Dept.
Brookville Apt.-1.5SW	Jefferson	1,400	57	17.0	−7.6	46	9	−20	31	2.99	−0.14	1.15	24-25	24.2	18	2	9	20	sw.	Civil Aeronautics Authority
Butler	Butler	1,077	34	21.3	−7.7	49	9	−15	19†	1.67	−1.10	0.71	24-25	23.2	16	7	9	15	nw.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	37	17.4	.....	46	9	−25	31	2.30	−1.12	0.84	1-2	23.3	14	5	7	19	w.	Penna. Electric Co.
Claysville	Washington	1,170	44	21.0	−9.8	54	1	−15	28	2.16	−0.96	1.02	1	15.5	12	4	6	21	w.	Walter B. Paget.
Corry	Erie	1,410	38	17.8	−6.7	44	9	−24	31	2.38	−0.88	0.73	1	33.7	16	5	8	20	sw.	Geo. R. Mulderick.
Coudersport	Potter	1,653	23	16.6	−7.2	43	8	−27	31	3.14	+0.35	1.42	24-25	22.5	8	4	11	16	ne.	Potter Enterprise.
Derry	Westmoreland	1,150	50	22.2	−8.4	50	1	−10	19	2.75	−0.93	0.58	1-2	19.7	14	12	9	10	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	4	16.9	.	48	1	−17	19	2.98	.....	1.20	1	39.5	19	3	13	15	w.	Penna. Turnpike Comm.
Donora	Washington	761	21	25.2	−8.4	54	1	− 3	28	2.04	−0.35	1.03	1	13.4	15	8	9	14	nw	Donora Zinc Works.
Ebensburg	Cambria	2,170	30	18.2	−7.4	45	8	− 8	19	3.20	+0.01	0.81	1-2	21.3	22	4	11	16	sw.	John E. McGough.
Farrell	Mercer	855	34	21.4	−6.8	50	9	−11	31	1.67	−0.76	0.70	1-2	17.0	10	20	7	4	sw.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	4	16.8	.....	50	8	−21	29	2.05	.....	0.80	1-2	18.1	16	7	3	21	w.	U.S. Engineers.
Franklin	Venango	987	73	18.4	−8.0	47	8	−18	31	2.54	−0.86	0.88	1	27.0	16	8	12	11	n.	William K. Fuller
Greensburg-2 S	Westmoreland	1,160	38	21.0	−9.9	52	1	−22	26†	2.92	−0.47	0.75	1	13.8	16	12	2	17	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	46	18.8	−10.3	49	9	−22	29	2.03	−1.62	0.85	1-2	20.3	16	5	12	14	nw.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	6	.....	.....	47	8	.....	.....	1.36	−1.12	0.46	1-2	.....	16	2	13	16	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	65	22.6	−7.6	52	8	− 8	19	3.24	−0.85	1.08	1-2	23.5	19	11	1	19	s.	Johnstown Tribune Pub. Co.
Kane-1 N	McKean	1,750	32	12.8	.....	38	9	−31	31	3.22	−0.32	0.95	1	40.5	18	8	2	21	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	53	17.2	−8.1	46	8	−23	31	1.95	−1.18	0.74	1-2	24.6	18	2	15	14	s.	City of Meadville.
Mercer	Mercer	1,296	8	17.0	.....	47	9	−11	18†	2.48	.....	0.96	1	21.3	17	2	8	21	w.	U. S. Weather Bureau.
Midland	Beaver	780	11	22.0	−7.9	50	9	− 4	28	1.96	−0.65	0.91	1-2	15.6	15	6	13	12	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	67	19.7	−8.4	49	9	−16	31	1.80	−1.11	1.03	1-2	16.3	8	4	12	15	s.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,286	14	21.7	−6.5	51	9	− 2	31	2.04	−1.01	0.87	1-2	15.7	17	2	9	20	s.	U. S. Weather Bureau
Putneyville-2.5 SE	Armstrong	1,270	4	19.0[5]	.	48	1	−18	26	2.26	.....	0.76	1-2	15.6	15	9	8	14	sw.	U.S. Engineers.
Ridgway	Elk	1,385	40	16.2	−8.8	45	8	−26	31	2.34	−0.49	0.97	1-2	24.0	15	7	7	17	s.	West Penn Power Co.
Somerset	Somerset	2,100	76	18.5	−8.1	47	9	−24	26	3.29	−0.95	1.26	1	23.9	15	3	6	22	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	28	18.0	−8.5	47	9	−15	19	3.69	+0.03	1.67	1	31.5	17	7	4	20	w.	Allen E. Yoder
Tionesta-1.5 SE	Forest	1,200	10	15.3	.....	39	8	−28	31	1.99	−0.44	0.65	1-2	25.9	16	7	2	22	n.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	4	17.8	.....	43	9	−22	31	2.90	.....	0.70	1	24.5	20	1	20	10	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	59	24.4	−8.3	55	1	−10	19	3.88	+0.35	1.06	1	19.5	15	6	11	14	sw.	William W. Marsteller
Warren	Warren	1,190	59	18.8	−6.8	44	9	−23	31	2.45	−0.38	0.86	1-2	29.0	16	4	9	18	sw.	Merrell L. Jordan
Waynesburg	Greene	1,100	18	20.5	−11.4	57	1	−24	28	2.68	−0.44	1.26	1-2	16.1	12	6	14	11	nw.	Mfr's Light & Heat Co.
Division mean				**19.1**	**−9.1**	**57**	**1**	**−31**	**31**	**2.50**	**−0.77**	**1.98**	**1-2**	**23.1**	**16**	**6**	**8**	**17**	sw.	
Lake Drainage																				
Albion	Erie	900	4	18.2	.....	45	8	−24	31	2.23	.....	0.98	1-2	.....	17	8	11	12	sw.	Albion High School
Erie	Erie	705	74	22.2	−4.6	48	9	− 2	31	2.07	−0.70	0.77	1-2	19.6	17	4	4	23	w.	U. S. Weather Bureau.
State mean				**20.1**	**−8.1**	**57**	**1**	**31**	**31**	**3.02**	**−0.11**	**2.70**	**1-2**	**21.5**	**14**	**9**	**7**	**15**	nw.	

[See page 8 for explanation of reference marks.]

Daily Precipitation for January 1948

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike		1.06	.20		.06		.11						.16	.17				.11			.20	T.	.14		.76							2.97
Equinunk[2]	Wayne	.04	1.12	.21		.04		.17	.07	.06		.04		.04		T.		.45	.49				.16			1.52							4.41
Hawley[2], 0.5 E	Wayne		1.33	.19		.09		.22	T		.01	.04		.04	.01			.11	12			.08	.07	.06		.92							3.29
Hollisterville[2]	Wayne	.03	1.48	.08		.06		.22	.04	T.	.03	T.	T.	.04	.01	T		.11	.18			.01	.14	.03		.92		T.	T.				3.38
Lakeville[2], 1 N	Wayne	T.	1.18	.14		.07	T.	.16	T.	T.	.02	T.	T	.03	T.	T.		.09	.10			T.	.16	.02	T.	.65							2.62
Matamoras[2]	Pike		1.05	.20				.20						.18	.12				.12			.07	.17	.12		.68							2.91
Milanville[2]	Wayne		1.16	.11		.06		.16						T.				.17	.10				.10	.13		.95							2.96
Mount Pocono[1], 2 N	Monroe	1.13	.35	T.	.08	.03	.10	.17	T.	T	T.	T.	.06	.19	T.		T.	.09	T.		T.	.18	.10	.01	.63	.03					T.		3.15
Pecks Pond[2]	Pike	.03	1.04	.08		.07		.23			.12			.18	.08			.02	.13			.20	.07	T.		.63							2.88
Pleasant Mount[1, 5], 1 W	Wayne	•	1.49				.10	.11		.06		.06	.05					.39				•	•	•		.83							3.09
Stroudsburg[2], 2 E	Monroe																																
Tanners Falls[1, 5], 1 SE	Wayne	.95	.66				.07	.10											.18			.10			.84	.03							2.93
Wind Gap[1, 5], 3 SW	N'rthampton																.01	.08						.41		.60							§§
LEHIGH																																	
Allentown Apt[1, 5, 9], 4 NE	Lehigh	1.02	.13		.13	T.	.07	.02	T.	T	T.		.10	.76	T			.14	.01		T.	.20	.09	.01	.69	.02							3.39
Allentown[2]	Lehigh		1.47	.08		.19		.09	T	.01	T.			.55	.24				.11			.13	.15	.30		.63							3.95
Bethlehem[1]	N'rthampton																																
Blakeslee Corners[1, 5]	Monroe	.79	.19		.08	.11	.07	.11					.06	.16				.09				.19	.08		.51	.05							2.44
Gouldsboro[2]	Wayne	.04	1.16	.10		.06		19	.06					.24	.07			.07	.09			.10	.08	.02		.45							2.73
Lansford[2]	Carbon	•	.95	.10		.11		.15						.23	.09			T.	.09			.10	.05	T.		.82							2.69
New Tripoli	Lehigh	.99	.63			.09	.04	.05					.22	.41				.02	T.			.21	.09	T.	.26	.36							3.37
Palmerton[1, 5]	Carbon	.63	.39		.05	.02	.01	.01					.33	.43	T.			.01	T.			.10	.05	T.	.60	T							2.63
Zionsville, 1 SW	Lehigh	.65	1.00			.20	.05	.05					.02	.85					.08			.30	.25			.65							4.10
SCHUYLKILL																																	
Conshohocken[2]	Montgomery		1.97			.35		.05						1.01	.40				.40			.45	.05	.02		.30							5.00
Fredericksville[2], 1 S	Berks		1.77	T.		.25		.40		T.	T.	T.		.40	.78				.06			.14	.01	.02		.59							4.42
Geigertown[2]	Berks		1.90			.10		.03						.46	.40				.03			.37		.02		.55							3.86
Gratersford[2]	Montgomery		1.81	.32		.31		.26		.04	.02			.46	.19				.27			.31	.09	.18		.74							5.00
Phoenixville[2], 1.5 SE	Chester		2.16	.10		.33		.05		T.				.81	.37				.05			.32	.09	.05		.53							4.86
Port Clinton[2]	Schuylkill	T.	1.20	.08		.09		.09						.42	.11				.10			.11	.08	.03		.51							2.82
Pottstown[2], 0.5 S	Montgomery		•	1.89		.28		.07		T.				.76	.38				.03			.44	.08	.31		.64							4.88
Pottsville[2]	Schuylkill		1.42			.06		.15						.36	T.			T.	.12			.10	.06			.90							3.16
Reading[1, 5]	Berks	1.31	.53		.08	.06	.10	.01		T.	T.		.17	.62				.23	.01		.04	.15	.13	.03	.64	.02							4.13
Strausstown[2]	Berks		1.42	.05		.04		.15						.57	.07				.02			.20	.09	T.		.77							3.38
Virginville[2]	Berks	T.	1.57	1		.10	.25	T						.93	.07				.02			.29	.09	T.		.57							3.89
Werner ville	Berks	1.25	.59			.10	.05	.05		T			.25	.59				.01	.03			.27	.09	.01	.60	.09							3.98
LOWER DELAWARE																																	
Coatesville[2]	Chester		2.09	.06		.23		.10			T.			.50	.28				.02			.44	.07	.06		.41							4.26
Doylestown	Bucks		1.43	T.		.26	.03	.04		T.			T.	1.19					.12			.41	.06	.04	.42								4.00
George School[6]	Bucks	.98	.59		.02	.23	T.	.04					.09	1.42					.47			.38	.06		.53	.05							4.86
Maple Glen[7]	Montgomery	.03	1.32	.06		.22		.08						1.23	.05				.05			.40	T.	T.	.03	.11							3.58
Marcus Hook[2]	Delaware		2.00	.06		.20		.04			T.	T.		.91	.60	T.			.09			.47	.05	.02	T	.08			T.				4.52
Philadelphia																																	
Southwest Airport, 1	Philadelphia	1.60	.21		.23	.03	.02	T.		T.	T.		.30	1.29				.09	.11		.09	.31	.05	.02	.31	.01		T.					4.67
City Office[1, 5]	Philadelphia	2.00	.36		.20	.02	.05	T.		T	T.		.38	1.26				.12	.06		.12	.32	.02	.04	.44	.03		T.					5.42
Shawmont	Philadelphia	.85	.95	T.		.27	.02	.06					.10	1.55					.25		T.	.30	.11	.12	.13	.12							4.91
Quakertown, 0.5 E	Bucks	.66	1.16		T.	.26	.03	.06		T.			.03	.87					.08			.37	.13	.02	.34	.24							4.25
West Chester	Chester	1.48	.05			.22	.06	.03					.09	1.26					.02			.49	.05	.03	.20	.11							4.09
West Grove[2], 1.5 SE	Chester		2.70	.03		.22		.10						•	1.23							.54	.04			.39							5.25
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga	1.00	.55		.07		06											.10							•	.77							2.55
Covington[2]	Tioga	.05	.55	.03		.03		.04	.02	T.	T.			T.	T.			.12	.02				T.	T.		.58							1.44
Lawrenceville	Tioga	.65	.87		T	.12	T.	.12			.05			T.	T.			.27	.10						45	.22							2.85
NORTH BRANCH																																	
Berwick	Columbia	.65	.77	T.		.02	T.	.10					.07	.06	T.			.25	T			.06	.10	T.	.24	.37							2.69
Canton[2], 1 NW	Bradford	.33	1.22	.08		.09		.15	.02	T.	.05		T	.05	.04			.16	.07			T.	T.	.02		.70							2.98
Danville[2]	Montour		1.20	.15		.02		.32						.15	T.			.22	.12			.04	.09			.60							2.91
Freeland[2]	Luzerne	.02	1.31	.18		.10	T.	.15	T.	T				•	.15	.01		.15	.18	.04		.08	.08	.05	.05	.90							3.45
Hop Bottom[2], 2 S	Susquehanna		.14	.23		T.		.21	T.	.01	.08	T.						.18	.29				.12	T.		.88							2.14
Millville[1, 5]	Columbia	.94	.24				.11	.01					.08				.01	.33				.08	.07		.25	.03							2.15
Monroeton[2], 2 S	Bradford	.01	1.47	.12		•	•	.15		T.	T.		T.	T.	.03	T.		.19	.10	T.			.07	.02		.83							2.99
Montrose[2], 3 E	Susquehanna	.02	1.74	.05		.03		.28	.11	T.	.03	.02	.02	T.	T			.30	.21			T	.18	.14		1.14							4.27
Orwell[2], 3 N	Bradford	T	1.19	.14		T					.01				.01			.21	.05				.04			.58							2.23
Park Place[1], 1 NW	Schuylkill	.83	.37	T.	.02	.04	.08	.01	T.	T.	T.	T.	.13	.14	.02		T.	.13	T.		T.	.03	.06	T.	.50	.03		T	T		T.		2.39
Pikes Creek[1, 5]	Luzerne	.97	.58		.02	.07	.04	.02		.05			.12			.07	.30					.05	.14		.55	.01							2.94
Rush[2]	Susquehanna		•	1.61			•	.28	.02		.04							.26	.08			•	.09	T.		.78							3.11
Scranton[1, 5]	Lackawanna	.66	.23			T.	.19	.03	T.		T.	T.	.14	T.	T.		T	.29				.08	.14	T.	.74	.07		T.					2.57
Susquehanna[2]	Susquehanna	.02	.94	.23		T		.19	.05	.03	.02	.04	T	.07	T.	T.		.18	.20			T.	.11	.06		.77			T.		.02		2.93
Towanda, 1 E	Bradford	.72	.69	T.		.02	.02	.05	T.	T.	.02	T.	T	.02	.01			.29	T.			T	.03		.43	.34							2.64
Tunkhannock[2]	Wyoming	T.	1.25	.06	T.	.02	T.	.09			T.	T.	T.	.01	.03			.28	.05			T	.02	T.		.66							2.47
Wilkes-Barre[1], 3 N	Luzerne	1.13	.27	T.	T	.01	.04	T	T.	T.	T.	T	.05	T.	T.		T.	.23	.01			.05	.04	T	.49	.03		T.		T.	T	T	2.85
WEST BRANCH																																	
Bellefonte[2]	Centre	.24	1.40	T.		.10		.08			T.		T.	T				•	.40			T.	.05			.82							3.09
Carrolltown[2]	Cambria		.91	.01		.05		.14	.01	.07	.04		.06	.22	.05	.04	.01	.15	.03				.03	.01		.51		.04					2.38
Carter Camp[2]	Potter	.03	1.55	.14		.10		10	T		T.			.08	.03			.22	.04					.01		.71							3.01
Cedar Run[2]	Lycoming	.03	1.32	.06		.12		.13						.07	.03			.15	.03					.03		.92							2.87
Clearfield[2]	Clearfield	.04	1.11	.05		.19		.13		.03	.06		.06	.22	T.	T.	T	.11	.04			T.	T.	T.		.52		T.					2.56
Coalport[2]	Clearfield		.76	50		•	•	•	•	.30	T.			•	.25	T.	T.	•	.28				T.	T.		.65							§2.74
Curwensville Apt[1] 6 NW	Clearfield	.64	.35	.01	07	T.	.18	.04	T.	.18	.02	T.	.27	T.	.05	T.	.04	.10	T.	T.	T.	.03	.03	.04	.54	.01	.01	.03	T.	T.	T.		2.64
Driftwood[1, 5]	Cameron	.76	.50		.07	.02		.03					.06				•	•	•	19					.72								2.35
Dushore[1, 5]	Sullivan	.79	.41			.06	.13	.10		.06			.07					.40					.06		.60	.01							2.69
Eagles Mere[2]	Sullivan	T.	1.55	.03		.09		.17			T.		T	.23	T.	T.		.28	.14			T	.08			.68							3.25
Emporium[2], 1 E	Cameron	.15	1.00	.10		.16		.10		T.	T.	T.	.03	.11	T.	T.	.08	.15	T			.02	T.	.02		.70		T.					2.62
English Center[1, 5]	Lycoming	1.10	.39		.02	.01	.06							.05				.24							.61	.02							2.50
Galeton	Potter	1.01	.78	T.	.08	T	.01	.11					.06	.05			.01	.18						.01	.64	.45							3.39

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield	T.	1.82	.13		.19		.11		.01	.05		.04	.15	T.	T.		.18	.05				T.	.02		.71							3.46
Lock Haven	Clinton																						.08		•	.52							§§
Medix Run[1, 5]	Elk	.68	.29		.07	.04	.11			.05			.13				.02	.13		.05			.05		.68	.02	.02	.02			.03	.04	4.43
Philipsburg[1, 5, 7 E]	Centre	.97	.61	.02	.37	T	.32	.63	T	.07	.03	T.	.21	.02	T.	T.	T	.41	T.			T.	.10	.01	.79	.01	T.	.04	T.		T.		4.01
Renovo[2]	Clinton	.04	1.69	.06		.10		.09		T.			T.	.06		T		.15	.08			T.	T.			.60							2.87
State College[1, 5]	Centre	1.09	.51	T.	.11		.09	T.		T	T.		.13	T	.01		T.	.28				T.	.06	T.	.54	T.							2.82
Tamarack[2, 2 S]	Clinton	.02	1.78	.08	T.	.13	T.	.08	.02	T	T	T.	T.	.15	T.	.01		.18	.05			T.	T.	.02	T.	.71							3.23
Trout Run	Lycoming																																
Tyrone[1, 2, 4 NE]	Blair	.94	.48		.09		.08			.08			.23					.21					.39										2.50
Wellsboro[2]	Tioga	.02	1.48	.06		.04		.08	T	T.	T.			.01	.03	T.		.16	.04				T.		T	.64			T.				2.56
Williamsport Apt.[1, 4 E]	Lycoming	1.33	.29		.04	.01	.09	T.	T.	T.	T.		.07	T.	T		T	.20				T.	.04		.73	.02				T.			2.82
Williamsport[5]	Lycoming		1.41	.09				.28						.08				.24	.12			T.	.09			.99							3.30
Williamsport[2, 4 SE]	Lycoming	.04	1.62	.19		.06		.14		T		T.		.08	.02			.20	.10				.09	T.		.76							3.30
JUNIATA																																	
Altoona, 4.5 W	Blair	.80	.71		.04		.12	.07		.03			.35	.03	.02		T.	*	.24				.05		.37	.09							2.92
Breezewood[1, 0.5 E]	Bedford	1.40	.10		.08	.06	.10						.17	.06	T.		T.	.20					.01		.35								2.55
Buffalo Mills[2]	Bedford	.10	1.58			.10		.17						.22				.16	.05				.07			.56							3.01
Burnt Cabins[1, 2 NE]	Fulton	1.41	.18		.03		.07						.18	.14			T.	.11				T	.01		.50								2.58
East Waterford[2, 3 E]	Juniata	T.	1.34	.08	T	.10	T	.15	T.		T.	T.	.02	.23	T.	T.		.10	.11			T.	.05	T.		.58	T		T.				2.76
Everett[2, 0.5 SW]	Bedford	T.	1.57			.11	T.	.10					T	.19	.01			.06	.03				.03	T		.71							2.81
Huntingdon[6]	Huntingdon	*	1.15	T.		.10		.07			T.		.05	.12				.22		T.		T	.09	T		.39							2.19
Lewistown[2, 1 W]	Mifflin	.02	1.03	.07		.04		.09					.03	.24				.21	.01			T.	.09	T		.49							2.33
Mapleton Depot[2]	Huntingdon		.96	.04		.05		.05					.02	.14	T.			.17	.08				.05			.39							1.95
Martinsburg[1, 8]	Blair	.90	.15	T.	.04	.01	.07	T.		T.	T.		.24	.03	T		T.	.20				T.	.09	T.	.25	.04		T	T.		T.		2.02
McConnellstown[2, 4NW]	Huntingdon	*	1.15			*			*				.29					.24					.06			.65							§2.39
Nefls Mills[1, 5, 3.5 NE]	Huntingdon	1.00	.80		.07		.19						.22					.19					•	•	.10	.13							2.20
New Bloomfield	Perry																																
Newport[2]	Perry	T.	1.37	.05		.18		.10					T.	.27	.07	T		.08	.22				.08			.69							2.81
Saxton[2, 1 S]	Bedford		1.38	.06		.08		.04					.03	.19				.19					.60			.45							3.02
Shade Gap[1, 2, 0.5 SW]	Huntingdon	1.10	.12		.03	.02	.06		.06				.10	.07				.05	.01					.08	.14	.05							1.89
LOWER SUSQUEHANNA																																	
Arendtsville[2]	Adams		2.17	.15		.08		.11						.28	.02				T			.04		T.		.61							3.46
Beavertown	Snyder		1.23																		.32					.71							§§
Bloserville, 1.5 N	Cumberland	1.10	.48		T.	.13	.08	.04					.18	.13	T			.13				.01	.03		.52	.26							3.09
Carlisle	Cumberland	1.18	.53		.08	.11	.07	.09					.18					.04				.09	.07		.64	.20							3.28
Columbia	Lancaster	1.02	.70		.18	.09	T	.04					.02	.65	T			.03	T			.30	T	.06	.35	.30							3.74
Dauphin[2, 3 N]	Dauphin	T.	1.27	.11		.08	T.	.12			T.	T.		.12	.03	T.		.02	14			T	.12	T.		.93							3.60
Ephrata	Lancaster	1.16	.58	13	.03	.08					.06	.69				T.	.07				.29	.06	.04	.42	.27								3.88
Glen Rock[1, 5]	York	1.97	.36		.08	.07	.05						.10	.70							.05	.32			.05	.79							4.54
Gordon	Schuylkill	.56	.59	.38		.04	.08	.15					.25	.10				.22					.07		57	.28							3.29
Grantville, 2 SW	Dauphin	.81	.69	.05		.08	.03	.04					.25	.20				.02				.09	.04	T.	.35	.26							2.91
Hanover[2]	York		2.45	.13		.06		.04			T.		T	.46	.10				.04			.18	T	.08		.79							4.33
Harrisburg Apt[1, 5, 3.0 S]	Dauphin	1.48	.18	T	.06	T.	.05			T.			.04	.15			T.	.02	T		.01	.07	.02	.01	.66	T.							2.75
Holtwood[2]	Lancaster		2.02	.02		.16		.04						.70	.16	T.			.05			.22	.08	.06		.60		T.	T				4.06
Huntsdale[2]	Cumberland		1.75	T.		.09		.10						.22	T.			T.	.08				T			.70							2.94
Kirkwood[1, 5, 1 SW]	Lancaster	1.71	.24		.06	.05	.09						19	1.38							.03	.35			.32								4.42
Lancaster	Lancaster	.92	.96	.01		.10	.03	.08					.03	.79				.05	.01			.38	.03	.04	.30	.21							3.94
Lebanon[2]	Lebanon		1.71	.05		.13		.10						.58	.10			T.	.06			.16	.15	.02		.74							3.80
Middletown[1, 1.5 W]	Dauphin	1.72	.32	T.	.02	.02	T			T.			.03	1.70	T.	T.	T.	.30	.01		.02	.03	.06	.01	.56	.01							4.81
Millersburg[1, 5, 2 E]	Dauphin	1.11	.15				.08						.27	.08				.09							.20								1.98
Milroy[2]	Mifflin		.85	.05		.05	.05						.45				.30					T.	.10		.78							2.63
Newburg[1, 3.5 NW]	Cumberland	1.30	T.		.15		.05						.28	T.			T.	.19				T.	T		.40							2.37
New Park	York	1.89	1.95		.06									.80				.08				.07			.60	.34							5.74
Pine Grove[2, 1.5 NE]	Schuylkill		1.47	.02		.12		.13			T			.35	.05	T.		T.	.05			.10	.04	T		.64							2.92
Selinsgrove	Snyder	.78	.98	T.		.04	.04						.09	.04				.29				.04	.06		.21	.20							2.77
Shamokin[2]	Northumberland		1.17	.21		.02		.17						.23	.01				.20				.14			.80							2.95
Shippensburg	Cumberland	1.36	.42		T	.08	.04	.04					.05	.15	T.			.12				T.			.55	.18							2.98
Sunbury[1]	Northumberland	1.20	.37		.02	T	.12		T	T.			.06	.04	T		T.	.37	T			.05	.11	T	.61	.04						T.	2.99
Wellsville	York	1.47	.48		T.	.06	.02	.02	T				.03	.30				.03				.13	T	.08	.36	.20							3.38
Williamstown[2]	Dauphin	1.15	.22	*		*							*	*			*	*				T	*	T	1.65							§3.00
York, 3 SW	York	1.30	1.10		.02	.09	.02						.03	1.08				.02				.26		.04	.48	.32							4.76
York Haven[2]	York		1.91	.08		.18		.05						.36	.08				.02			.11	.01	.01		.85							3.61
Potomac Basin																																	
Chambersburg[5, 1 SW]	Franklin	1.88	.19		.09	T.	.11						.06	.18			T.	.06				T.	T.		.70								3.27
Gettysburg	Adams	1.60	.82		.08	T.	.12	.07					.09	.36				.08	T			.10	T.	.18	.45	.17							4.12
Hewitt, 2 SW	Bedford	1.60	.34		T.		.09							.15			.03						.58										2.79
Hyndman[2]	Bedford	T.	1.55			.08	T.	.09		T.				.10	.04			.06	.03				T.			.51							2.51
McConnellsburg[2]	Fulton	T.	1.65			T.		.16						.18	T.			.10	T.				T.			.37							2.46
Mercersburg[2]	Franklin	T.	1.56			.03		.06						.13	.01			.03	.01					T.		.47							2.30
South Mt. San't'm[2]	Franklin		1.94	.24		.08		.07						.32				T.	.05			T.		.02		1.07							3.79
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.01	.89	.02		.06		.09	T	.02	.02	T.	.14	.21	.03	T.	T.	.11	.02			T.	.09	.04		.40		.07					2.22
Allen Mills[1, 5]	Jefferson	.76	.10		.03	.01	.11			.08			.34	.02	.06	02	.04	.11				.13	.04		.70	.05	.05	.04					2.69
Blairsville[1, 6 NE]	Indiana	.74	.32	T	.07	T.	.19	.06		.16	T.	T.	.32	.08	.12	T.	.02	.17				.08	.07	.03	.22	.03	T	.04	T.		T		2.72
Boswell[2, 6 NW]	Somerset	.06	1.36	.06		.09	.02	.17	.03	.10	.08	.01	.05	.34	.17	.05	.01	.16	.05				.10	.05		.35		.05	.03				3.39
Bradford, 1 W	McKean	.73	.47	T.	.18	.24	.05	.12	T.	.10	.04	T	.17	T.	.04	.03	.11	.07	T.	T.		T	.02	T.	.14	.67		T.			T.		2.58
Brookville[1, 1.5 SW]	Jefferson	.79	.14	T.	.03	.01	.08	T	T.	.06	.02	T.	.37	T	.04	T.	.08	.11	T.	T	T	.07	.01	.01	1.11	.04	.01	.01	T	T.	T		2.99
Buckstown[1, 5]	Somerset	1.35	.35			.21		•		•	•	.20	.18	.03	.05			.25				•	•		•	.50	.02	.02				•	§3.16
Clarion[2, 3 SW]	Clarion	.02	.84	T.	T	T.		.14	T	.04	.03		.23	.19	T.	T.	T.	.13	.02			.05	.01	.03		.56		.01			T.		2.30
Corry	Erie	.73	.26		.16	T.	.12	.07		.06	T.		.15	.06	.13	T.	T.	.06	T.			.02	.03	.04	.36	.12		.01	T		T.		2.38
Coudersport	Potter	.78	.39	.27	.06		T.	T		T.			.09	T.				.13				T.			1.04	.38							3.14
Coudersport[2, 7.5 E]	Potter	T	1.33	*		*		*					*	*				*	.61			•		•		1.15							3.09
Derry	W'moreland	.57	.58	T.		T.	.18	.04		.15	T.		.26	.06	.12			.22					.08	.02	.30	.05		.12					2.75
Donegal[1]	W'moreland	1.20	.60	.02	.28	.08	.06	.03		.05	.02		.10	.14	.03		.08	.06	•	•	.32	.03	.01		.08	T	.01	.10				T.		2.98
Dunlo[1, 5, 0.5 SW]	Cambria	.81	.45	.02		.02	.13		.06	12			.26	.07	.06	•	•	•	•			.18			.38								2.83
Ebensburg[2]	Cambria	.39	.81	.01		.02	.05	.19	.01	.09	.08		.20	.24	10	.02	.04	.16	.03				.04	.01	.01	.63		.06	.01				3.20
Ford City[2, 4 S]	Armstrong	.07	.80	.04		.06		.10	.02	.05	T.		.15	.01	.01	T.	T.	.09	.03			.04	.07	T.		.47		.04					2.05
Franklin[2]	Venango	.10	.78		.02	.09		.25	.02	T.	.10	T	.13	T.	.05	.03	.08	.07	T.			.04	.03	.05	T	.70		T					2.54
Glen Hazel[2, 1 NE]	Elk																																
Home[1, 5]	Indiana																																
Indiana	Indiana	.50	.35		.03	.09	.01		.04				.29	.03	.03		.01	.11				.03	.06	T.	.39	.04		.02					2.03
Johnstown[2, 0.5 W]	Cambria	.35	1.08	T.		.05	T.	.04	.09	.06	.04	T	.10	.33	.17	.03	.01	.15	.05			T	.05	.04		.54		.05	.01		T.		3.24

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1, 5] 1 S	McKean	.95	.21		.26	T.	.18	.03	T.	.10	.02		.27	.03	.07	.01	.15	.09		T.		.03	.03		.74	.04	T	.01		T.			3.22
Kregar[1, 5] 4.5 SE	W'moreland	1.40	.53	.04	.16	.07	.56	.04		.25	.05		.47	.16	.29	T.	.11	.12	T			.11	.31	.08	.59	T	.06	.23	T		T		5.63
Lycippus 4.5 E	W'moreland	.65	.47	.01		.06	.26	.09		.01	.12		.25	.10	.17	T.	.31	.12					.28		.65	.16		.21					3.92
Marienville[1, 5]	Forest	.90	.15		.10		.10			.05	.05		.27	.01	.01		.19	.07				.05	.05		.66	.08							$2.74
Meadville[2], 1 S	Crawford	.16	.74	.03	.01	.10	T.	.10	.02	T	.08	T.	.13	.04	.03	T	.02	.07	.01	T.			.03	.03		.34			.01		T.		1.95
Mosgrove[2]	Armstrong	.04	.74	T.	T.	.05		.10	T.	.03	.02		.24	.26	.03	.03	.02	.06	.04			.04	.06	T.		.59		.04					2.39
Parkers Landing[2]	Armstrong	.09	.83		T.	T	T.	T.			.21		.16	.14	.02	T.	.01	.10	T.			.04	.03			.75	T.						2.35
Pittsburgh Cty Of[1, 5]	Allegheny	.87	.06	T	.05	T	.02	T.		02	T.		.24	.01	T.	T.	T.	.06	T	T.		T.	.07	T.	.54	T.	.01	.07					2.02
Port Allegany[2]	McKean	.14	1.15	.14	T.	.17		.10		.03	.03	01	.01	.05	.01	.01	.01	.11	.03			.01		.01		.70							2.72
Punxsutawney[2]	Jefferson	.02	.68	T.			T	.12	T.	.03	.06	T.	.14	.13	.02	T.	T	.07	.02			.10	.03	T.	T	.55		.01					1.98
Purneyville[2], 2.5 SE	Armstrong	.04	.72			T		.12	T	T	.17		.18	.17	.01	.02	T.	.10	.01			.05	.03	.02		.60	T.	.02	T.				2.26
Ridgway[1]	Elk	.03	.97	.07		.05		.08	.02	.03	.05	T	.06	.06	T.	T	.02	.07	T.			.07	T.	.06		.70	T	T			T.		2.34
Saltsburg[2]	Indiana	.12	1.03	T.	T.	.07		.08	.01	.06	.04		.09	.18	.07	T	T.	.12	.01			.06	.07	T.		.68	T.	.04					2.73
Seward[2]	W'moreland		.81			.06		.20	.04			.12	.08	.34	.14	.12		.11	.08				.04			.86		.06					3.09
Sheffield[1, 5], 9 W	Warren	.90	.07		.17	.02	.09			.12	.04	.03	.12		.09		.05	.05				.06			.57							2.38
Smethport[1, 5], 1 SW	McKean	1.21	.25		.16	.01	.05		.04	.13		.03	.11	.01	*	*	*	.30				.02		.01	.08	.08							3.09
Strongstown[1, 5]	Indiana	.57	.48		.04	.01	.12			.18			.35					.08				.03			.82		.05					2.18
Tionesta[2], 1.5 SE	Forest	.70	.27	T.	.18	.05	.15	.08		.03	.03		.16	.08	.02	T	.04	.14	T			.03	.01	.03		.56		T.	T.		T.	.02	1.99
Titusville, 2 S	Crawford	1.00			.10	.01					.05		.01		.02	.02		.05							.33	.07						1.69
Union City[1, 5]	Erie	.15	.70			.05		.10		.10			.15	.25	.06	.06		.10				.07	.07	.09		.60		.10					2.65
Vandergrift[2]	W'moreland	.02	.86	.03	T.	.20	T.	.18	.02	T.	.05	T.	.12	.09	.02	.19	.10	.10	T.	T.	T.	T.	.01	.03	T	.43	T.	T.	T.	T.	T.	T	2.45
Warren[2]	Warren	.85	.06		.14	.03	.22	.05	.05	.05			.24		*	*	*	.20				*	*	*	.31	.08							2.28
Youngsville[1, 5]	Warren																																
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	T.	1.98	.07		.06	.01	.11	T.	.18	.05	T.	T.	.55	.06	T.	T	.13	.01			T	.07	.01	T	.34		.03	T.				3.61
Connellsville[1]	Fayette	T.	1.46			.11		.16	.01	.08			05	.31	.03	T.		.15	.04				.08	.02		.18		.12	T.				2.80
Donora[1]	Washington	1.03	.09	T.	.05	.02	.08			.02			.20	.03	.02	T.	T.	.12	T.			.07	.02	T.	.14	T	T	.05				.01	2.04
Greensboro[2]	Greene	.01	1.58	.05		.06	.01	.13	T	.06	.05	T	T	.40	.03	T.	T.	.28	.05			T	.12	.01		.57	T.	.07	.01				3.42
Greensburg 2 S	W'moreland	.75	.63	.01		.03	.12	T.		.02	T.		.26	.04	.06		T	.27			T.	.01	.08	.01	.60	.01		.08					2.92
Irwin	W'moreland	.77	.57	.01	.01	.05	.08	.02		.01	T.		.32	.01	.12			.22	F			T.	.09	.04	.47	.05		.15					2.99
Meyersdale[2]	Somerset	.02	1.96	.06		.06	.02	.10		.08	.02		.02	.34	.16	.08		.15	.03				.08	.01		.45		.03					3.67
Murrysville[1, 5]	W'moreland	.93	.15		.05		.10			.05			.33		.08			.18				.05	.05		.51	.03	.02	.05					2.56
Pittsburgh Arpt.[1, 5]	Allegheny	.83	.08	.01	.05	.01	.05	T.		.02	T	T.	.25	.09	.05	T	T.	.12	T.	T		.03	.07	.02	30	T	.01	.05	T.		T.	F	2.04
Rices Landing[2]	Greene	.04	1.46	.05		.10	T.	.15	.01	.03	T.		.09	.33	.06		.01	.17	.06				.16	.04		.28		.08	.11				3.16
Somerset	Somerset	1.26	.51			.11	.10	.02		.04	.01		.28	.08	.04	T.		.25				F	.11	T.	.37	.08		.03	T.				3.29
Springs[6], 1 SW	Somerset	1.67	.31	T	.02	.10	.10	.03	T.	.12	.02		.11	.22	.18		T.	.18	T.			T	.15	.01	.40	.02		.05	T.		T.		3.69
Uniontown	Fayette	1.06	.65	.08	F	.16	.17	.01		.09	T		.33	.14	.04		T.	.30					.18	.04	.51	T.		.12					3.88
Waynesburg[2]	Greene	T.	1.26	T		.10	.01	.08	T.	T.	.01		T	.35	.03	T	T.	.18	.02				.11	T.		.43		.07	T.				2.68
BEAVER																																	
Beaver Falls[2]	Beaver	.03	.77	T.	F	.02	T.	.07	T.		T.	F	.10	.10	.02	T.	T.	.10	.02	T.		.01	.03	T.		1.10		.10	T.				2.47
Butler	Butler	.3	.15	.01		.01	.04	.01	01				.25		.02		.01	.05				.05	.02		.14	.57		.01					1.67
Farrell[2]	Mercer	.15	.55			.08	*	.07					.22		.01			.10	T.				.02			.47							1.67
Greenville	Mercer	.55	.18	T.	.14	.01	.11	.04		.03	.03		.27	.01	.02	.01	.01	.14	T			T.	.04	.01	.30	.05		T.	T.				1.92
Jamestown[2], 2 NW	Mercer	.15	.46		.01	.04	.07	.10					.16	.01	.03	.01	T	.02	.02				.02	.01		.20		T.	.01				1.36
Mercer Arpt.[1], 2.5 NE	Mercer	.96	.04	.01	.06	T.	.13	T.		.04	.01		.16	T.	.10	T	.04	.12	T.	T.	T.	.01	.05	T.	.71	.01	.02	.01	T.	T.	T			2.48
New Castle[1], 1.5 N	Lawrence	.98	.05	T.	.08		.07	T.		T.	T.		.15	T			T.					.02			.43		T	.02	1				1.80
Penn Line[2], 1 S	Crawford	.20	.56	.01	.02	.12	T.	.10	T.		.08	T.	.17		.05	.03	.02	.08	.05	T.		T	.03	.03		.19			T.				1.74
OHIO																																	
Claysville[2]	Washington	.82	.20		.05	.04	.09						.28	T.	.06			.11					.08		.37	.04		.07					2.16
Coraopolis[2], 1 E	Allegheny	.05	.57			.08	.01	.05		.01	T.		.06	.19	.05	T.	T.	.05	T.			.01	.07	T.	T.	.20		.06					1.46
Midland[2]	Beaver	.03	.91	.03		.10	T.	.08		.01	T	T.	.02	.15	.05	T	T.	.07	.01			.01	.08			.38		.03					1.96
Washington[1, 5]	Washington	.80	.03	.05	.03	.02	.13			.02	.05		.15	.05	.06	.22	*	*	*	.20		.04	.03		.42	.01	04	.05				.06	2.46
LAKE DRAINAGE																																	
Albion[2]	Erie	.02	.98	.02				.34	.01		.03	.02	.02	.03	.12	.02	.05		.07	.02			.04	.05		.39							2.23
Erie[1, 5]	Erie	.75	.09		.09	T.	.02	T.	T	T.	T.		.03	.07	.28	T.	.05	.16	.01	T.		.06	.09	.03	.34	T.	T.	T.	T.	T.	T.		2.07
Raymond[1, 5]	Potter	.84	.45		.09	.08	.04	.06	.01	.25	.02		.07			.03		.10							*	*	*	.52		.03				2.59

[See page 8 for explanation of reference marks.]

Daily Temperatures for January 1948

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	33	33	40	34	36	33	33	45	38	33	31	31	36	27	28	18	28	18	18	34	34	18	12	12	25	21	17	21	12	21	10	26 8
	Minimum	26	24	26	26	22	22	24	16	26	17	16	24	23	12	− 2	3	13	7	−14	7	18	13	− 4	−17	6	0	2	− 2	− 2	−10	−24	9.6
Allentown Arpt.[1,9-4 NE	Maximum	32	33	32	31	36	31	32	30	40	33	33	32	34	28	20	33	33	24	21	35	38	33	20	14	22	24	25	22	28	20	24	28.8
	Minimum	27	28	17	14	21	25	20	16	27	20	15	14	26	7	− 6	9	23	1	− 5	− 4	26	12	2	− 6	7	− 3	13	6	3	2	− 9	11.2
Allentown/	Maximum	33	34	34	33	36	33	34	34	45	32	30	36	35	32	21	33	34	27	22	35	39	35	27	18	25	27	27	24	32	12	24	30.4
	Minimum	30	27	25	15	20	25	27	19	21	30	21	16	28	20	− 1	0	17	17	− 2	− 2	1	26	16	2	4	0	1	9	4	6	− 2	13.5
Altoona-4.5 W	Maximum	41	33	32	31	31	32	30	35	48	33	34	36	37	28	20	37	28	20	22	36	39	34	11	7	16	23	24	21	26	20	17	28.5
	Minimum	33	29	28	26	24	23	19	10	28	20	15	19	28	10	− 4	9	19	0	− 8	9	27	11	3	− 7	5	− 2	13	1	6	9	− 8	12.7
Arendtsville/	Maximum	38	35	37	32	37	32	38	34	50	34	38	34	35	28	21	34	31	24	23	36	39	33	25	15	23	27	30	29	33	24	21	31.1
	Minimum	29	31	32	21	25	24	24	13	23	28	16	15	25	21	3	4	18	12	1	5	11	25	14	7	2	0	9	− 5	4	12	− 3	14.4
Beavertown/	Maximum	36	36	32	31	35	32	31	36	46	32	37	33	37	24	22	35	.	.	26	29	42	29	19	....	19	24	25	22	29	21	22	30.1
	Minimum	28	30	18	25	17	26	22	8	17	25	28	12	26	5	13	10	19	.	−20	−11	19	17	11	.	.	− 9	−12	−10	− 9	−10	−28	9.7
Berwick	Maximum	36	37	33	32	35	33	32	31	44	39	33	34	34	33	22	35	36	26	18	33	39	36	20	16	19	22	24	22	28	20	19	29.7
	Minimum	31	30	27	18	29	26	23	16	27	20	20	16	31	13	− 4	12	25	7	−13	− 3	22	18	8	− 5	− 5	−17	7	− 4	−16	1	−14	11.1
Bethlehem[1]	Maximum	35	31	33	31	35	33	32	32	43	33	34	34	34	28	20	33	35	.	.	.	.	.	.	.	.	.	.	.	.	.	.	[illegible]
	Minimum	27	27	21	20	31	29	25	22	29	23	20	20	22	9	5	12	16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blairsville[1-6 NE.	Maximum	45	36	29	31	29	29	22	45	46	26	31	34	31	18	23	32	19	10	25	14	37	20	9	7	12	18	16	14	20	11	24	24.6
	Minimum	36	25	26	24	22	22	14	13	25	13	12	24	17	− 2	− 4	18	8	− 1	− 4	14	20	6	− 3	− 4	3	1	3	− 4	5	1	− 8	10.5
Bradford-4 W	Maximum	35	34	31	30	29	30	30	32	42	31	35	34	34	25	13	30	25	17	20	34	36	33	14	17	20	21	21	19	22	20	18	26.8
	Minimum	27	29	25	24	20	23	18	5	26	11	12	9	22	10	−18	11	6	− 5	−23	14	26	− 1	−13	−21	− 8	−12	6	− 1	− 3	−16	−28	5.6
Brookville[1]	Maximum	41	36	31	32	33	30	27	41	46	28	28	34	33	19	24	30	24	15	22	36	37	20	11	8	14	19	16	17	22	12	20	26.0
	Minimum	35	29	29	27	26	26	11	9	28	12	13	27	19	1	−12	20	6	−11	−18	14	19	9	− 8	− 9	0	−18	7	− 5	− 6	− 8	−20	8.1
Burnt Cabins[1-2 NE	Maximum	42	32	33	29	34	32	30	39	48	32	38	33	35	28	20	38	27	21	22	39	47	32	22	9	21	28	30	29	32	22	25	30.6
	Minimum	31	29	29	24	14	26	12	6	26	19	8	24	28	9	− 2	12	21	− 1	−10	0	28	10	2	2	0	− 8	12	− 3	− 6	− 4	−12	10.5
Butler	Maximum	48	45	34	37	37	35	32	39	49	37	34	34	36	32	18	32	27	24	25	33	41	42	18	12	18	20	22	20	21	26	26	30.6
	Minimum	40	32	30	29	29	29	19	8	35	22	12	24	29	14	− 2	14	17	−12	−15	5	33	14	3	− 3	− 4	−15	12	− 5	−15	5	−11	12.0
Canton/ 1 NW	Maximum	33	30	27	26	31	28	28	33	39	21	35	32	32	23	16	25	18	13	15	32	35	27	12	16	16	21	23	21	28	8	14	24.4
	Minimum	22	22	21	17	18	21	20	11	14	11	11	16	22	6	−12	− 8	15	− 5	− 8	5	10	12	4	−10	− 4	− 2	1	− 5	− 4	− 5	−10	6.6
Carlisle	Maximum	40	37	42	33	36	35	34	33	51	42	40	36	35	35	23	33	31	28	23	35	38	38	22	15	20	25	30	25	31	20	20	31.8
	Minimum	30	30	28	22	25	27	24	16	21	26	16	14	28	20	5	13	25	16	0	3	27	22	15	4	− 4	0	14	4	− 3	9	−10	15.1
Chambersburg[6-1 SW.	Maximum	41	34	40	30	36	32	31	35	50	37	37	35	33	31	21	37	30	25	24	39	40	31	23	12	23	25	30	26	31	26	21	31.1
	Minimum	31	31	27	25	18	27	22	12	28	25	19	17	29	15	4	13	24	10	0	8	27	18	10	6	− 4	8	13	6	− 1	9	− 4	14.7
Clarion[6-3 SW	Maximum	43	39	34	35	34	32	32	41	46	32	31	35	31	22	17	31	25	16	25	37	41	33	15	10	18	22	22	14	25	20	22	28.5
	Minimum	33	30	28	28	26	27	16	3	30	18	11	11	18	6	−16	8	11	−15	−20	5	24	11	− 9	−11	− 4	−21	9	−17	−22	− 1	−25	6.2
Clarksville	Maximum	54	52	32	42	33	41	29	44	52	34	36	36	34	25	21	36	24	17	28	41	41	33	12	9	17	21	22	18	25	19	24	30.8
	Minimum	42	29	28	30	29	28	16	17	34	18	6	19	25	7	− 5	18	5	12	−10	5	32	9	− 6	− 4	1	− 7	9	−15	− 4	1	− 2	11.1
Coulport/	Maximum	42	32	32	30	31	31	29	42	40	25	30	26	35	19	25	34	25	11	27	39	39	22	13	10	17	21	24	18	25	18	24	27.0
	Minimum	38	32	30	26	22	26	18	4	18	20	14	11	27	17	− 5	14	17	− 8	−19	−17	0	16	6	−10	3	−16	−15	0	− 8	5	−22	7.9
Coatesville/	Maximum	37	35	35	33	36	33	34	36	47	33	35	38	35	29	21	37	32	23	23	38	41	37	24	16	20	26	28	23	31	16	25	30.9
	Minimum	29	33	25	16	20	23	24	19	23	29	19	12	27	21	6	14	20	19	4	5	6	24	16	6	6	0	1	7	1	3	0	14.8
Columbia	Maximum	37	35	39	34	42	34	35	37	51	42	40	38	38	35	23	39	34	28	28	36	38	38	26	17	25	30	30	28	36	26	26	33.7
	Minimum	33	32	32	20	29	29	27	17	30	29	22	17	32	21	5	13	28	15	3	7	30	26	17	11	9	1	20	7	− 2	12	0	18.4
Corry	Maximum	35	38	31	32	30	31	29	36	44	28	30	35	35	21	14	26	20	13	20	33	36	26	12	9	20	22	18	17	18	15	20	25.4
	Minimum	30	29	27	28	23	26	21	7	28	13	20	25	21	9	− 3	13	10	6	−17	17	20	12	0	−17	0	− 8	7	− 1	0	− 7	−24	10.2
Coudersport	Maximum	35	32	32	30	31	30	29	43	38	32	36	35	34	27	15	30	27	24	22	35	36	34	15	9	15	22	20	23	26	22	25	27.9
	Minimum	31	28	23	20	24	23	10	8	19	2	14	7	26	10	−18	12	8	1	− 8	27	27	6	− 6	−16	−12	−15	2	−11	−10	−11	−27	5.3
Curwensville[1-6 NW	Maximum	40	32	29	25	29	27	23	35	42	24	29	32	30	15	14	29	22	15	21	33	34	19	11	5	13	17	16	14	20	11	14	23.2
	Minimum	30	26	24	20	20	22	8	8	23	10	11	22	15	1	−10	14	8	− 7	− 8	8	16	4	− 7	− 6	0	− 5	− 1	− 2	− 1	−10	−11	7.2
Derry	Maximum	50	47	33	37	34	33	32	45	42	33	36	39	36	30	24	38	29	20	29	42	42	35	14	9	18	22	22	19	26	21	30	31.0
	Minimum	41	30	31	30	26	26	19	10	32	23	14	22	30	12	− 3	22	14	− 4	−10	7	35	12	4	− 4	− 3	− 5	16	− 1	− 9	9	− 6	13.5
Donegal[1]	Maximum	48	37	28	32	30	30	24	40	46	26	31	33	30	27	20	35	18	12	27	38	39	23	10	8	17	21	19	17	23	17	26	26.8
	Minimum	37	24	24	22	14	19	8	3	26	11	2	24	20	− 6	−12	18	8	2	−17	4	22	10	−10	− 8	0	−12	6	−10	− 7	2	− 6	7.0
Donora[1]	Maximum	54	45	39	42	36	35	31	44	43	36	34	37	36	34	26	40	28	22	34	44	43	33	17	14	19	23	23	20	27	20	31	32.6
	Minimum	45	32	31	33	33	31	21	23	34	25	11	26	34	16	6	16	20	3	1	14	33	17	7	7	8	0	16	− 3	0	7	9	17.9
Eagles Mere	Maximum	35	27	24	27	29	27	27	28	38	22	31	30	30	22	12	28	23	12	12	26	32	25	12	7	16	18	20	20	21	4	8	22.4
	Minimum	23	24	20	15	15	19	18	12	14	20	9	15	20	9	− 6	− 6	11	0	− 5	− 4	8	15	5	− 9	− 9	− 2	0	− 4	− 4	− 6	− 7	6.8
East Waterford[6-3 E	Maximum	44	29	29	25	27	26	26	30	45	30	30	32	33	26	17	33	29	18	18	37	40	31	14	4	12	20	22	19	25	15	17	25.9
	Minimum	28	26	24	19	21	23	17	16	28	17	12	22	26	9	− 1	10	17	3	1	14	25	10	4	− 2	3	4	10	1	10	5	− 5	12.8
Ebensburg/	Maximum	37	31	28	29	29	29	29	45	35	22	31	34	31	15	27	32	20	10	26	39	37	23	17	7	13	19	18	17	22	14	22	25.4
	Minimum	37	30	25	25	24	23	15	10	28	17	11	20	29	11	− 6	4	15	− 1	− 8	5	20	14	0	− 6	0	0	5	− 3	− 1	5	− 3	11.1
Emporium/-1 E	Maximum	38	35	35	35	33	35	36	48	49	30	38	37	36	23	26	33	35	24	26	40	40	30	30	20	22	24	22	25	26	18	31	31.6
	Minimum	32	32	28	25	22	24	21	7	13	16	4	3	28	15	− 1	0	8	− 9	−16	−16	21	12	3	−11	− 3	−11	− 9	− 9	15	−16	−26	5.4
Ephrata/	Maximum	38	34	37	35	38	35	34	35	48	41	37	34	35	30	23	34	34	28	22	35	39	34	27	15	25	26	28	23	31	25	25	31.8
	Minimum	32	32	25	18	31	24	24	18	29	28	18	19	32	19	5	13	26	17	2	6	28	27	15	5	8	5	19	4	5	11	− 3	17.5
Erie[1]	Maximum	37	36	34	36	33	34	31	48	48	31	34	38	34	23	29	30	21	14	26	38	39	23	12	14	20	25	17	22	21	11	15	28.2
	Minimum	28	28	28	32	27	30	23	21	31	19	25	31	22	11	4	21	13	5	4	22	23	12	2	2	8	10	10	5	9	0	− 2	16.3
Everett[1-0.5 W	Maximum	39	40	35	32	35	33	29	10	42	34	37	40	38	27	22	40	31	20	26	41	44	32	26	10	20	26	26	25	31	24	23	31.2
	Minimum	29	30	31	27	23	24	11	5	30	21	14	18	26	8	− 1	8	19	− 2	− 9	5	28	17	6	4	0	− 8	10	4	− 8	− 1	−12	11.5
Farrell	Maximum	43	41	33	36	36	36	34	40	50	37	32	36	36	27	24	30	25	14	22	36	38	33	17	9	17	20	20	17	22	22	21	29.2
	Minimum	37	33	33	33	29	30	22	21	34	17	17	31	24	5	1	20	7	− 5	−10	11	26	14	2	0	− 1	−10	11	− 4	− 1	1	−11	13.5
Ford City/-4 S	Maximum	46	34	32	37	34	33	28	50	42	29	35	34	34	19	31	34	23	17	27	39	41	22	12	11	16	22	19	20	25	15	25	28.6
	Minimum	38	31	29	29	28	26	18	9	18	22	13	14	14	14	− 7	− 6	16	−15	−18	−16	− 2	18	2	− 6	2	−20	−20	−17	−21	−20	−20	4.9
Franklin/	Maximum	40	35	33	35	34	33	31	47	38	25	33	36	30	19	29	30	27	17	24	37	40	21	12	11	22	23	20	22	25	11	28	28.0
	Minimum	35	34	30	29	29	29	21	10	24	20	14	17	28	14	− 2	− 2	17	− 1	−12	−12	14	17	2	− 7	1	−12	−12	−11	−12	−11	−18	8.8
Fredericksville-1 S.	Maximum	37	36	30	36	40	32	31	31	45	40	34	32	35	35	20	31	31	27	22	35	40	37	26	15	24	22	25	22	30	26	23	30.7
	Minimum	29	20	15	19	28	22	22	6	6	21	18	6	29	9	− 9	3	20	12	− 7	− 2	26	23	12	− 2	1	− 2	15	3	0	4	− 6	11.0
Freeland	Maximum	39	32	27	25	30	28	24	27	39	32	29	30	32	30	22	29	30	31	19	33	39	33	17	8	15	18	15	17	22	19	22	26.2
	Minimum	29	23	19	15	23	18	18	14	22	12	12	17	28	10	− 6	7	19	4	− 6	8	22	7	4	− 7	1	2	− 2	10	5	− 6	− 6	10.1
George School[6]	Maximum	34	33	36	33	35	37	35	34	44	37	36	38	34	31	23	35	36	32	23	35	38	36	23	11	24	26	30	23	32	21	25	31.3
	Minimum	29	29	23	15	30	28	26	16	26	20	18	12	31	20	2	5	22	13	− 5	0	27	23	10	4	11	5	19	4	4	6	− 5	15.1
Gettysburg	Maximum	56	38	39	38	37	38	33	35	51	40	37	37	36	35	21	35	35	29	22	36	37	35	26	16	22	28	31	27	34	30	20	33.4
	Minimum	23	28	33	24	27	29	25	14	30	28	21	18	32	20	7	10	28	14	2	7	30	26	16	7	− 1	− 7	20	− 2	2	14	− 4	16.8
Gordon	Maximum	38	32	30	28	33	32	30	31	43	26	33	31	33	24	16	32	28	18	19	35	41	30	18	10	18	22	23	21	27	10	20	26.8
	Minimum	32	28	23	6	26	24	21	10	21	21	20	8	29	7	−12	− 1	19	9	−15	− 8	25	− 1	9	− 7	− 2	−15	10	4	−17	3	−17	8.4
Greensburg 2 S	Maximum	52	48	32	38	36	33	34	44	51	35	36	38	36	32	24	38	28	18	28	42	40	36	15	10	20	22	22	19	25	20	29	31.6
	Minimum	40	31	31	29	28	21	20	10	34	24	8	13	30	13	− 8	19	13	− 8	−12	− 1	32	14	5	− 6	8	−22	17	−21	−22	− 8	−11	10.4
Hanover/	Maximum	37	34	42	36	39	32	36	42	54	38	40	38	35	32	32	38	32	19	25	40	35	37	25	25	24	29	30	26	35	20	23	33.2
	Minimum	31	31	32	32	24	29	24	18	22	30	18	23	28	20	7	7	21	10	3	5	15	27	17	8	8	3	8	3	3	11	0	16.7
Harrisburg Arpt. 1-3.5 S.	Maximum	37	36	34	30	36	33	33	36	49	37	37	34	34	33	21	37	30	26	22	36	37	36	19	14	20	24	28	24	31	23	23	30.9
	Minimum	32	32	24	22	29	30	23	18	30	24	20	23	32	15	6	17	26	12	3	7	30	18	11	7	5	− 2	14	6	− 4	7	− 2	16.7
Hawley 0.5 E	Maximum	34	30	28	26	35	32	32	33	42	32	33	33	35	33	20	34	30	25	25	35	36	35	21	10	23	28	24	21	30	19	22	28.9
	Minimum	24	24	13	3	25	23	22	17	26	12	12	− 3	30	3	−11	4	21	5	−21	− 8	23	20	2	− 16	2	−21	5	− 2	− 9	− 8	−22	6.3
Hewitt-2 SW.	Maximum	45	39	40	35	36	35	35	45	42	....	34	38	35	34	25	40	39	29	29	44	45	43	....	25	22	30	30	29	35	29	26	34.9[b]
	Minimum	35	30	29	20	19	19	17	15	27	....	11	15	20	15	16	14	14	5	−10	0	25	5	....	0	4	20	19	− 8	9	7	5	13.7[b]
Holtwood[1]	Maximum	36	37	36	32	37	34	34	37	46	37	37	41	35	33	25	36	33	27	28	36	37	35	21	18	22	27	29	25	32	23	21	31.8
	Minimum	34	33	25	23	30	28	27	20	30	27	21	19	32	18	10	16	27	10	5	12	30	21	13	9	7	0	17	8	3	8	2	18.2

Continued on page 7.

Daily Temperatures for January 1948—Continued from page 6.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Huntingdon	Maximum																																
	Minimum																																
Indiana-2.5 SE	Maximum	46	41	32	34	34	32	32	41	49	38	30	36	35	29	21	36	28	16	27	40	39	34	14	9	16	21	20	17	23	29	25	29.4
	Minimum	38	30	29	28	28	26	17	5	28	20	11	12	28	8	−11	18	9	−15	−16	− 3	27	12	1	−11	7	−21	11	−16	22	5	−17	8.3
Irwin	Maximum	47	46	33	37	36	33	32	42	40	36	32	35	34	31	21	34	28	18	26	39	38	36	17	9	16	20	22	21	24	24	30	30.2
	Minimum	40	30	30	30	29	25	18	14	35	24	12	32	30	12	− 5	18	16	−10	−10	6	33	14	3	− 2	5	7	15	− 3	− 4	7	− 4	14.4
Jamestown/-2 NW	Maximum	40	35	34	39	37	35	33	47	39	29	34	36	30	22	30	33	20	20	25	36	38	22	13	14	22	26	19	23	23	13	22	28.7
	Minimum																																
Johnstown/	Maximum	45	35	34	34	35	35	29	52	45	30	37	40	37	22	29	38	24	24	33	43	42	26	15	14	21	25	23	27	28	22	29	31.4
	Minimum	42	35	31	32	30	27	21	13	20	25	18	20	30	17	1	3	21	6	− 8	− 6	15	22	8	0	7	− 5	− 2	6	− 5	13	− 7	13.9
Kane[1-1 N	Maximum	35	35	30	28	25	30	26	36	38	25	32	32	30	16	18	28	18	11	21	33	35	16	8	8	19	21	16	20	22	14	25	24.2
	Minimum	32	26	25	25	21	24	2	− 2	24	12	8	22	16	1	−16	5	1	−19	−24	11	8	− 2	−21	−21	− 9	−17	− 5	− 8	−21	−22	−31	1.4
Lancaster	Maximum	38	36	37	33	40	35	35	47	41	37	36	36	33	23	37	35	31	20	33	40	36	29	18	24	28	27	33	28	22	32.6		
	Minimum	28	31	24	18	28	23	23	14	27	28	18	14	31	19	5	9	23	14	− 2	1	28	24	15	1	1	− 7	15	5	8	11	− 7	14.6
Lawrenceville	Maximum	34	34	30	28	32	31	36	31	42	32	38	37	37	26	29	35	29	20	24	39	43	37	15	7	24	26	26	28	33	20	19	29.7
	Minimum	23	26	24	20	18	21	22	6	25	11	12	3	26	− 3	−18	11	18	−10	−26	10	25	10	1	−15	1	−21	5	−11	5	− 4	−25	6.1
Lebanon	Maximum	35	35	34	32	37	33	32	37	46	30	38	33	35	32	22	37	32	22	23	40	41	36	20	15	22	28	27	25	31	14	26	30.6
	Minimum	29	30	26	18	20	28	23	17	19	28	19	20	29	16	0	0	18	14	− 2	− 1	2	25	13	5	4	− 6	− 4	2	− 4	2	− 6	12.3
Lewistown/-2 SW	Maximum	39	37	38	29	35	33	30	35	50	31	40	35	38	27	25	36	32	22	28	43	43	30	21	14	20	28	28	26	33	21	18	31.1
	Minimum	30	32	32	27	22	23	26	13	16	24	20	17	24	20	5	4	17	11	− 9	− 1	− 2	20	9	3	4	− 8	−11	9	−12	− 9	−13	11.1
Lock Haven[6]	Maximum																																
	Minimum																																
Marcus Hook/	Maximum	40	39	35	40	42	37	40	37	52	40	41	39	37	36	27	38	40	30	28	38	43	43	28	21	31	33	34	28	39	22	26	35.6
	Minimum	31	32	32	25	25	31	31	25	27	33	24	26	31	27	12	12	27	25	12	13	19	30	21	11	11	13	13	12	13	20	6	21.6
Martinsburg[1, 5]	Maximum	42	34	32	29	32	30	26	40	49	30	34	37	35	23	19	37	27	17	24	38	41	27	13	7	15	22	21	22	25	20	17	27.9
	Minimum	33	29	28	24	23	24	14	8	27	17	13	25	28	5	− 1	13	16	2	− 6	19	27	6	− 2	0	3	1	8	0	7	− 3	−10	12.0
Meadville/-1 S	Maximum	40	33	32	35	36	33	32	46	39	28	32	35	29	20	29	29	25	18	24	36	37	18	12	12	23	23	19	20	23	9	24	27.5
	Minimum	31	32	29	29	27	26	21	10	23	12	9	16	24	12	− 6	− 4	13	− 3	−14	− 4	9	14	− 4	−14	− 5	−12	−10	−13	−12	− 3	−23	6.8
Mercer[1-2.5 NE	Maximum	41	38	31	34	32	31	28	39	47	27	28	34	34	18	22	28	20	15	20	34	36	19	11	9	16	19	18	17	20	18	17	25.8
	Minimum	34	28	28	27	25	24	11	12	26	11	12	28	18	− 4	− 7	16	0	−11	−11	9	15	10	− 6	− 5	− 2	− 6	5	− 6	− 6	− 8	− 9	8.3
Middletown[1-1.5 W	Maximum	36	40	35	29	36	33	32	36	48	36	38	35	34	33	22	36	31	27	22	37	37	32	21	14	21	26	30	26	33	20	24	31.0
	Minimum	33	32	21	21	29	30	24	18	30	24	19	20	30	17	9	17	24	6	3	5	29	19	9	6	− 6	− 8	10	5	− 3	4	− 8	15.1
Midland[6]	Maximum	48	43	34	41	35	35	30	42	50	33	32	47	36	25	26	33	24	17	26	37	40	28	16	15	18	24	22	18	25	16	25	30.4
	Minimum	38	32	30	31	29	26	20	22	33	19	13	20	22	5	1	18	12	− 1	− 3	10	24	12	3	5	3	− 2	9	− 4	− 2	2	− 2	13.7
Montrose/-3 E	Maximum	32	27	25	26	34	28	27	34	39	19	27	30	30	22	14	27	24	13	10	27	36	26	10	7	17	23	21	20	24	4	11	23.0
	Minimum	22	24	17	14	14	20	20	17	17	8	5	13	24	7	− 5	− 3	13	3	− 9	− 7	9	15	6	−15	− 8	0	3	0	0	−12	12	6.5
Mt. Pocono[1-2 N	Maximum	37	27	26	26	30	26	25	26	39	24	28	31	32	24	14	27	30	17	16	30	39	28	12	10	16	20	19	16	24	14	25	24.5
	Minimum	23	21	6	4	25	19	16	23	9	9	12	24	1	− 5	4	16	0	−17	− 3	23	7	− 6	− 7	2	2	4	− 2	4	− 8	− 7	7.2	
New Castle[6-1.5 N	Maximum	45	42	33	38	35	34	30	43	49	31	33	36	35	24	26	31	24	15	25	38	41	25	16	11	18	24	20	20	26	16	25	29.3
	Minimum	35	31	29	31	27	28	18	17	31	16	12	28	21	4	1	19	− 1	− 5	−11	7	23	12	0	− 1	−10	−15	− 9	−10	−11	− 7	−16	10.1
Palmerton[1]	Maximum	35	33	32	28	36	30	32	30	42	33	34	32	34	27	14	29	32	25	16	32	38	33	21	14	22	25	25	23	30	22	23	28.5
	Minimum	29	27	16	12	27	25	24	15	28	21	15	12	27	7	− 8	12	24	8	− 8	− 4	27	11	0	− 6	6	− 7	12	4	− 6	2	−10	11.0
Park Place[1-1 NW	Maximum	41	27	25	27	29	27	25	27	37	26	28	29	33	24	12	27	26	17	14	32	37	28	13	9	13	20	19	17	24	14	18	24.0
	Minimum	25	23	17	14	20	19	18	15	23	13	13	18	22	12	− 4	7	16	0	− 3	7	22	8	− 3	− 8	1	1	5	0	7	− 5	− 6	9.6
Phila Arpt.[1-7 SW	Maximum	37	38	36	37	38	34	34	37	49	40	35	39	36	34	23	38	36	28	23	38	38	37	24	20	25	28	30	23	32	26	23	32.8
	Minimum	32	31	25	23	33	30	26	22	29	24	22	19	32	17	8	14	27	12	7	11	31	22	12	8	12	9	19	10	14	8	3	19.1
Philadelphia C.O.[1]	Maximum	40	37	37	36	39	34	35	50	39	36	38	38	36	21	37	38	28	23	36	40	38	24	19	27	29	30	23	32	27	23	33.1	
	Minimum	32	32	28	26	33	30	29	25	33	26	24	26	34	18	11	18	28	13	9	20	31	23	12	9	16	15	20	12	19	9	6	21.5
Phila. Shawmont	Maximum	37	35	35	34	37	35	34	37	48	47	34	39	34	29	27	35	35	31	24	37	38	37	33	21	25	28	30	27	32	27	24	33.2
	Minimum	32	31	29	33	31	30	29	22	30	27	23	17	23	24	6	12	25	19	4	7	31	27	18	9	13	6	22	12	17	12	2	19.8
Philipsburg[1-7 E	Maximum	41	32	29	24	27	28	24	32	45	25	28	35	33	18	14	30	21	13	21	31	36	20	9	7	12	17	16	15	21	11	14	23.5
	Minimum	31	27	22	20	20	22	15	4	25	13	7	22	18	3	−11	13	12	−19	−27	8	20	6	− 7	−17	1	− 1	2	0	2	−10	−24	6.4
Phoenixville-1.5 SE	Maximum	50	43	44	45	43	47	42	49	53	54	46	47	....	35	30	38	37	35	38	40	46	47	40	30	31	34	34	38	41	40	32	41.0[8]
	Minimum	32	31	21	12	31	28	26	9	25	28	11	32	...	20	2	3	19	19	0	3	30	24	18	8	10	− 9	8	7	14	11	−10	15.4[8]
Pittsburgh Arpt.[1-7.5 SE	Maximum	51	46	32	39	34	32	28	43	51	31	36	35	34	22	24	35	22	16	26	40	40	23	12	8	16	22	21	18	23	16	25	29.1
	Minimum	43	30	29	29	28	26	17	20	31	18	14	29	22	4	1	20	10	4	0	16	28	11	2	2	3	0	9	− 1	1	5	− 2	14.3
Pittsburgh City Office[1]	Maximum	49	47	35	41	35	36	32	45	52	33	35	38	36	25	28	36	25	18	28	40	43	25	15	13	20	24	23	21	27	18	26	31.3
	Minimum	44	33	32	32	31	28	22	24	33	21	19	30	25	10	6	23	11	6	4	18	24	15	6	5	9	7	12	4	7	5	0	17.6
Port Clinton/	Maximum	35	36	32	30	35	30	32	32	35	30	32	32	37	28	17	27	31	21	18	32	30	32	19	18	20	23	25	21	29	12	22	27.5
	Minimum	29	29	28	13	23	19	19	18	27	29	19	12	28	15	− 6	13	17	14	− 8	− 4	16	25	10	− 2	5	− 7	3	8	−10	− 8	− 5	11.9
Putneyville/-2.5 SE	Maximum	48	34	35	31	35	32	28	47	40	25	43	33	44	33	27	32	25	16	24	38	40	42	12	9	20	....	....	....	....	....	....	31.7[7]
	Minimum	26	24	24	25	23	23	13	6	16	12	10	9	27	11	14	10	12	11	−17	−17	1	13	− 1	−11	− 1	−18	7	− 8	−16	−15	−17	6.3
Quakertown-0.5 E	Maximum	37	33	32	32	35	34	31	33	44	40	32	35	35	34	33	31	37	31	18	38	37	36	28	16	21	25	27	24	29	26	18	30.9
	Minimum	29	28	19	7	27	20	24	12	22	21	18	5	30	18	− 3	3	18	14	− 4	− 6	26	21	14	− 1	6	− 8	16	4	0	3	−11	12.0
Reading[1]	Maximum	39	35	37	33	37	32	34	35	47	37	36	35	36	33	20	37	34	25	28	37	39	35	23	16	23	27	28	25	32	23	25	31.5
	Minimum	34	32	25	19	32	27	25	22	30	25	24	21	33	16	6	15	25	12	4	8	30	19	9	5	11	6	16	9	8	7	2	18.0
Ridgway/	Maximum	40	34	32	30	35	31	31	45	41	28	35	35	33	20	25	32	27	20	24	37	37	20	15	10	19	24	21	10	25	15	26	27.6
	Minimum	34	33	27	27	19	25	21	− 1	14	19	10	8	30	15	−12	−13	14	−11	−18	−18	22	12	5	−13	− 3	−15	−14	− 7	−19	−19	−26	4.7
Scranton[1]	Maximum	36	30	28	33	34	31	30	30	43	28	30	33	35	28	19	34	30	21	20	31	40	32	16	13	18	22	23	20	26	17	16	27.3
	Minimum	28	27	21	18	27	26	26	22	28	13	13	12	28	10	0	14	21	5	− 9	6	29	15	1	− 3	2	− 4	11	4	8	3	− 7	12.5
Selinsgrove	Maximum	36	37	35	30	36	34	32	33	45	39	38	35	36	35	20	34	31	27	21	36	40	36	19	14	19	25	26	24	30	26	17	30.5
	Minimum	32	31	12	11	25	27	22	8	26	28	22	15	26	7	− 6	15	23	6	−16	− 8	28	14	1	− 4	− 6	−16	− 8	− 4	−22	− 4	−20	9.2
Shippensburg	Maximum	50	35	40	36	37	34	33	35	51	39	38	32	34	34	22	38	30	25	25	40	40	36	22	17	22	25	25	28	35	25	20	32.4
	Minimum	25	31	31	25	19	28	24	15	28	27	18	18	28	18	6	10	25	10	− 1	6	29	21	16	6	3	− 2	19	3	4	14	− 5	16.1
Somerset	Maximum	45	37	28	30	30	30	29	43	47	31	37	34	34	27	20	37	30	18	28	42	36	32	10	8	17	21	20	19	23	21	18	28.5
	Minimum	37	26	25	26	25	12	16	1	30	20	7	14	26	10	−14	12	17	−15	−22	− 8	30	10	4	− 9	3	−24	13	− 2	3	9	−20	8.5
Springs[6-1 SW	Maximum	45	37	27	30	29	29	25	42	47	30	37	37	33	24	18	33	27	14	27	40	35	28	10	4	15	19	17	16	21	18	17	26.8
	Minimum	35	22	24	25	24	23	18	9	29	16	4	13	23	1	−13	2	13	− 8	−15	1	26	9	− 4	−10	1	0	7	− 4	− 1	7	8	9.2
State College[1]	Maximum	39	34	33	27	32	31	28	34	48	31	33	37	38	24	19	33	28	19	21	37	38	26	14	11	17	22	22	20	24	17	15	27.5
	Minimum	34	31	25	24	22	28	16	16	28	18	18	26	24	9	0	17	19	2	− 5	15	26	9	3	− 2	7	1	7	4	4	0	− 9	13.5
Stroudsburg/-2 E	Maximum	34	33	37	27	40	39	39	46	...	41	35	36	36	24	23	33	33	32	36	40	38	30	22	31	27	30	28	24	33	17	32.8[8]	
	Minimum	25	14	6	24	26	24	11	26	...	16	8	30	6	−11	2	18	14	−13	− 7	25	19	5	−13	6	− 9	15	− 2	− 3	0	12	−11	8.0[8]
Sunbury/	Maximum	36	34	32	28	33	31	32	45	34	36	32	34	29	19	33	29	23	20	33	37	32	21	11	20	24	26	23	30	19	16	28.5	
	Minimum	32	30	19	17	27	28	20	14	28	24	18	18	26	9	0	18	23	2	− 4	1	28	12	0	− 2	1	− 8	6	0	−11	0	−12	11.7
Tamarack/-2 S	Maximum	34	30	24	22	27	28	24	41	41	20	33	31	32	18	14	27	21	16	18	34	35	21	11	4	15	18	20	20	23	10	20	23.6
	Minimum	29	28	19	18	18	21	16	11	14	15	13	13	21	9	− 5	− 5	14	2	− 5	− 6	14	12	2	− 7	− 3	1	1	− 2	− 2	− 6	−10	7.7
Tionesta/-1.5 SE	Maximum	37	38	31	32	32	32	31	39	36	26	34	35	32	26	28	26	21	11	23	36	38	34	18	10	21	22	17	15	21	14	26	27.2
	Minimum	34	31	28	28	26	24	20	12	15	15	14	14	27	13	−14	−13	13	− 7	−22	−18	8	7	− 2	−14	−10	−21	−20	−14	−24	−17	−28	3.4
Titusville-2 S	Maximum	42	36	30	31	30	31	30	37	43	30	31	33	33	23	13	28	22	12	20	32	36	29	13	8	20	22	18	19	22	17	29	96.5
	Minimum	33	29	27	27	23	24	18	9	29	13	12	20	22	16	− 8	12	10	− 5	−15	11	29	11	− 4	−16	0	− 7	7	− 5	− 5	− 5	−22	9.2
Towanda-1 E	Maximum	34	33	31	30	34	30	37	31	44	34	35	35	34	29	22	34	31	23	18	33	40	35	20	5	22	21	27	25	32	23	18	29.0
	Minimum	24	27	24	18	27	23	24	18	26	13	10	4	28	1	−15	10	21	4	−22	− 6	28	17	3	−14	− 2	−20	6	− 7	4	− 5	−22	7.9
Tunkhannock/	Maximum	34	31	29	31	36	30	32	43	40	26	34	36	34	26	20	33	26	19	19	32	41	32	14	10	20	24	24	27	29	− 8	15	27.1
	Minimum	25	25	22	15	16	19	22	13	19	12	10	6	26	9	− 8	− 5	18	4	−22	−15	− 5	19	10	−12	− 8	−21	−17	−11	−19	−10	−22	3.7
Uniontown	Maximum	55	52	33	42	37	33	32	45	51	37	40	38	36	30	26	40	28	21	30	43	42	36	16	11	20	25	25	21	26	21	32	33.0
	Minimum	43	31	30	30	30	30	18	17	37	25	12	28	30	14	2	20	19	1	−10	7	33	16	5	3	6	− 7	19	− 5	− 2	6	0	15.7

Continued on page 8.

Daily Temperatures for January 1948—Continued from page 7.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	40	39	30	33	31	32	35	36	44	36	38	35	36	24	17	33	27	25	24	36	33	22	15	24	26	24	19	23	26	16	25	29.2
	Minimum	30	28	28	25	25	26	16	8	28	15	13	25	21	9	− 7	14	− 4	− 6	−15	17	19	10	− 1	−11	− 9	−11	9	− 6	− 7	− 6	−23	8.4
Waynesburg	Maximum	57	53	34	44	36	34	33	46	50	37	36	38	37	30	23	38	27	21	30	43	41	36	15	11	21	23	23	20	26	23	29	32.7
	Minimum	36	27	28	28	28	28	15	14	35	20	4	15	28	11	− 3	9	16	−14	−17	− 3	24	13	− 1	− 5	1	−20	15	−24	−17	− 7	− 3	9.0
Wellsboro/	Maximum	34	32	28	26	33	32	32	39	41	22	31	36	34	25	18	31	26	18	22	38	39	28	14	6	24	25	25	24	28	8	17	27.0
	Minimum	24	24	23	20	16	19	15	4	10	14	11	6	26	1	−16	−16	17	− 4	−20	−20	11	9	6	−13	− 9	−17	−17	− 5	1	− 6	−25	2.9
Wellsville	Maximum	37	36	36	30	37	35	33	34	50	40	38	35	36	34	21	34	31	27	21	37	36	34	25	16	22	25	30	27	33	26	24	31.7
	Minimum	32	32	27	18	27	27	24	10	25	27	11	17	31	15	2	9	25	13	− 4	2	30	24	15	2	− 8	−17	−12	−13	−14	− 2	− 9	11.8
West Chester	Maximum	36	35	36	34	36	33	34	36	47	40	35	38	34	33	22	37	39	30	25	38	37	36	25	15	25	28	28	25	31	24	23	32.1
	Minimum	32	31	26	21	30	27	25	18	28	25	19	20	32	16	7	13	27	16	6	10	29	25	15	6	10	5	21	7	9	10	2	18.3
Wilkes-Barre Arpt. [1]-3N.	Maximum	35	30	29	32	34	28	30	29	41	28	30	33	33	27	19	33	29	20	20	31	38	30	14	12	22	21	23	18	24	17	15	26.6
	Minimum	29	26	21	17	27	24	24	19	28	13	9	9	27	6	− 2	14	20	1	−13	5	27	12	0	− 7	− 1	−13	9	2	6	− 3	−11	10.5
Williamsport Arpt. [1]-4 E	Maximum	36	36	31	28	33	31	32	31	43	32	36	32	35	26	18	30	28	20	18	31	35	30	18	10	18	23	25	23	28	20	22	27.7
	Minimum	30	29	26	18	26	28	17	15	31	23	18	18	26	7	− 2	17	19	− 3	−10	− 2	28	10	0	− 9	− 5	−10	7	0	2	− 6	−14	10.8
Williamstown	Maximum	42	34	32	29	35	31	31	36	46	39	36	33	35	34	20	36	28	24	23	40	43	36	21	15	19	23	25	21	29	24	...	30.7*
	Minimum	33	30	25	10	26	28	24	13	27	24	20	13	30	14	− 5	8	24	10	− 9	− 4	28	21	11	2	5	− 9	14	5	−12	5	...	13.7*
York-3 SW	Maximum	37	37	40	35	39	35	34	38	53	43	40	38	40	34	25	41	37	28	27	41	36	36	29	20	24	29	30	29	34	29	25	34.3
	Minimum	32	32	28	20	29	29	20	14	30	31	14	17	32	16	1	12	27	16	− 4	5	30	26	17	3	− 6	−12	17	− 5	− 3	5	−10	14.9

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.54	31	29.34	2	9.0	24	sw.	9†	91	79	84	20	1324
Harrisburg	30.56	19	29.33	22	8.3	33	nw.	10	78	65	69	63	1282
Philadelphia	30.53	19	29.24	2	8.1	23	n.	24	83	64	74	54	1169
Philipsburg	30.54	15	29.34	22	.....	32	w.	10	88	71	78	....	1549
Pittsburgh	30.56	11	29.26	1	10.6	30	nw.	9	80	63	67	41	1343
Reading	30.59	19	29.34	2	10.5	34	nw.	10	76	.....	.....	47	1250
Scranton	30.57	19	29.33	22	6.8	28	nw.	10	74	63	....	45	1398

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. ^ One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	3.5	5.9	27	2.1	12†	18
Easton	Delaware	2.0'	2.6	7	0.9	25	22
Lehighton	Lehigh	3.3	7.6	27	3.0	12	9
Reading	Schuylkill	4.2	5.9	2	3.3	25	13
Wilkes-Barre	N. Br. Susquehanna	2.7	3.8	25	2.1	16	22
Williamsport	W. Br. Susquehanna	2.4	4.4	4	1.2	27	20
Newport	Juniata	5.0	6.1	3	3.7	1	22
Harrisburg	Susquehanna	4.1	6.2	13	3.4	25†	17
Schenley, (nr) Lock No. 5.	Allegheny	13.1	16.0	3	12.0	26	24
Sutersville	Youghiogheny	5.4	14.9	2	4.0	17	20
Charleroi (nr.), Lock No. 4	Monongahela	14.0	26.2	3	11.9	30	30
Pittsburgh	Ohio		17.8	3	•	.....	25
Midland, Dam No. 7	Ohio		22.7	3	11.9	7	30

• Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																															
Fog, heavy	14	4	3	5	3	5						3	8									3									
Frost, killing																															
Glaze	20	19	13		3			1	3			2	6									4									
Hail																															
Rain, heavy																															
Sleet	9	12		1	1			4	3			7	7									5			5	2					
Snow, heavy																								16							
Thunderstorms	12																														
Winds, high	10	8				5			24	28	31	11		3	4	3		4			9	15	3	11		3	4	4	5	4	

(W. B. O., Philadelphia—5-4-48—1100)

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. †† Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T. Trace (0.005 inch or less).

a, b, c, etc. Number of days missing, for example, b indicates two days missing.

Italics, data interpolated.

§ Partly interpolated.

§§ Incomplete.

† And other dates.

†† Daily amounts inconsistent.

‡ Received too late to be included in means and summaries.

* Included in next measurement.

// Windshield on gage.

/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

7.05
VP

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LIII. FEBRUARY 1948. No. 2.

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GENERAL SUMMARY.

Normal temperatures, a surplus of sunshine, and a deficiency in precipitation were the keynotes to February's weather. The Western or Ohio section was warmer and wetter than the Atlantic division, but the latter had more snow. Snowfall was about normal, but snow cover was generally gone as the month closed. High winds were not uncommon, and were associated most generally with the stormy periods that resulted in precipitation.

In an extension of January's cold weather, the first eleven days were considerably below normal in temperature. From about the 12th, however, rapid warming took place, which resulted in the thawing of most of the snow cover and rotting of ice in the rivers. During this warm spell of about ten days the deficiency of the previous period was obliterated. Ice generally moved out of the rivers without untoward incident about the 15th to 17th, much to the relief of residents living under threat of flooding. There were only a few ice jams, but no serious flooding occurred. The remaining days were about evenly divided into short cold and warm spells of a few days each.

Precipitation occurred in four main periods, about the 4th, 13th, 22d, and 28th. The first storm, which accounted for much of the snowfall, was caused by wave action in a front extending eastward from a depression central in New Mexico. In the stormy period of the 13th, heavy precipitation, both rain and snow, accompanied an outstanding depression that developed over Louisiana on the 12th and moved rapidly northeastward on the 13th, with a great increase in intensity. An extensive occlusion from this low pressure area, acting as a cold front, reached all the way from Louisiana to Lake Erie. Considerable glazing occurred during this storm, resulting in traffic accidents. The precipitation of the 22d occurred in connection with wave action off the south Atlantic coast. But the most notable storm was that of the 28th, a deep depression which moved from Oklahoma to Iowa in 24 hours and had a number of fronts with a variety of associated weather, including heavy rain, high winds, and a considerable range of temperature.

The past winter season of December, January and February ended with a precipitation deficiency of 2.43 inches and a temperature deficiency of 3.4°. It was the driest winter in two years and the coldest in three. The total precipitation for the winter was 6.61 inches. The mean temperature was 26.0°.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 83 stations was 28.3°, which is the 61-year normal for February. The highest monthly mean was 37.0° at Uniontown and the lowest was 19.9° at Montrose. Extremes ranged from a maximum of 75° at Phoenixville on the 20th to a minimum of −25° at Lawrenceville, Wellsboro, and Ridgway on the 1st and Kane on the 9th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 210 stations, was 2.07 inches, which is 0.79 inch below the 61-year normal for February (adjustment made for leap year). The greatest monthly amount was 3.98 inches at Kregar, while the least was 0.62 inch at Covington. The greatest amount recorded in any 24 consecutive hours was 2.00 inches at Punxsutawney on the 13th.

The average snowfall for the State was 10.8 inches, which is the 61-year normal. The greatest monthly snowfall was 21.5 inches at Springs. The greatest fall for any observational day was 10.5 inches at Allentown on the 22d.

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	28.4	63	−31	2.50	7.2	9	7	11	11
1889	23.0	60	−27	1.96	8.7	9	7	9	12
1890	37.0	79	0	4.32	5.6	11	6	8	14
1891	34.8	70	−7	4.61	5.6	12	6	8	14
1892	31.6	62	−18	1.75	6.3	9	7	7	15
1893	27.3	60	−16	5.92	26.4	14	6	8	14
1894	27.6	64	−24	3.53	22.7	11	8	9	11
1895	20.2	60	−26	1.22	13.2	6	10	10	8
1896	29.4	65	−21	4.90	10.5	11	9	7	13
1897	30.6	67	−14	3.28	10.3	9	7	8	13
1898	29.4	72	−16	2.23	6.1	9	8	8	12
1899	22.7	67	−39	4.05	23.6	12	8	7	13
1900	27.1	81	−17	4.22	7.0	11	8	6	14
1901	21.7	57	−22	0.96	7.9	8	10	9	9
1902	23.9	64	−24	3.99	14.3	10	9	7	12
1903	30.5	68	−17	4.49	10.8	10	10	7	11
1904	21.8	68	−27	2.41	6.8	11	10	7	12
1905	20.8	59	−25	1.70	9.7	8	10	8	10
1906	28.0	79	−21	1.70	6.8	7	12	7	9
1907	22.8	56	−20	1.91	15.2	8	12	7	9
1908	24.8	64	−29	4.65	23.6	11	10	7	12
1909	35.8	73	−9	4.84	4.0	14	6	7	15
1910	26.6	65	−22	3.59	15.0	11	9	7	12
1911	31.0	66	−8	2.27	11.1	10	7	6	15
1912	23.7	69	−27	2.20	6.5	8	11	8	10
1913	27.4	67	−9	1.84	5.7	9	12	5	11
1914	21.8	65	−27	2.78	23.5	10	11	6	11
1915	33.3	73	−9	3.90	2.0	9	9	5	14
1916	25.7	67	−22	3.08	14.3	12	8	7	14
1917	25.6	68	−29	1.46	8.0	10	9	9	10
1918	28.3	69	−34	2.46	2.9	9	10	8	10
1919	32.0	66	−7	2.23	4.7	11	12	6	10
1920	25.6	62	−20	2.44	18.3	11	9	8	12
1921	32.8	76	−15	2.59	15.4	10	8	8	12
1922	33.0	74	−19	1.99	7.7	10	9	9	10
1923	24.6	58	−20	2.16	11.7	12	8	8	12
1924	26.9	70	−25	2.94	16.3	10	11	7	11
1925	35.6	71	−11	2.16	2.1	8	11	7	10
1926	28.7	65	−13	4.06	23.3	12	7	6	15
1927	35.0	69	−8	3.48	16.5	13	7	8	13
1928	30.3	65	−11	3.42	6.7	11	10	7	12
1929	28.0	69	−20	2.87	11.7	9	10	8	10
1930	35.1	80	−18	2.69	3.9	11	9	6	13
1931	31.9	66	−16	1.98	5.2	9	11	5	12
1932	35.3	83	−8	1.64	2.9	10	10	8	11
1933	31.3	68	−15	2.30	9.4	10	12	7	9
1934	18.1	59	−34	1.31	14.4	7	13	7	8
1935	28.9	66	−26	2.67	14.4	12	8	7	13
1936	21.5	69	−27	2.33	12.3	9	11	7	11
1937	31.4	77	−12	2.32	6.5	10	9	8	11
1938	34.1	74	−4	2.85	3.9	12	8	6	14
1939	33.7	74	−10	4.45	6.2	13	10	6	12
1940	29.1	63	−19	3.16	19.3	13	9	5	15
1941	26.5	62	−14	1.04	7.6	8	10	7	11
1942	25.9	58	−21	2.62	9.4	10	10	6	12
1943	29.9	75	−27	1.71	7.8	12	9	8	11
1944	29.4	67	−18	2.00	9.4	11	8	7	14
1945	29.1	71	−14	2.66	8.5	12	6	8	14
1946	29.3	75	−14	2.33	9.7	11	9	7	12
1947	23.2	58	−13	1.39	19.5	9	7	9	12
1948	28.3	75	−25	2.07	10.8	10	9	9	11
Period	28.3	83	−39	2.76	10.8	10	9	7	12

Climatological Data for February 1948

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 9-4 NE	Lehigh	384	7	25.8	−4.0	55	19	− 3	9	1.92	−1.50	0.52	13-14	15.4	10	4	14	11	e.	U.S. Weather Bureau.
Altoona-4.5 W	Blair	1,500	62	28.9	+1.3	68	19	− 8	9	2.06	−0.29	0.59	3-4	9 7	10	16	8	5	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	6	28.6	.....	69	28	− 8	10	1 16	.....	0.39	22	13.0	7	13	5	11	w.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	8	22.3	.....	50	19	− 9	10	1.38	.....	0.65	13-14	6 5	5	12	2	15	sw.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	79	29.2	−1.2	62	18†	− 2	11	1 60	−1.29	0.50	4	12.5	7	15	7	7	ne.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	52	30 2	- 1.6	64	18†	1	11	1 66	−0 98	0.60	22	11.4	8	11	12	6	ne.	Charles A. Bender.
Coatesville	Chester	151	60	28.2	−2.4	65	19	− 2	7	2.38	−1.24	0.67	4-5	13.4	12	10	7	12	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2, 15	5	24.4	.....	62	19	−10	9	2.98	.....	1.25	13-14	9.5	15	5	6	18	w.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	6	21.2	....	48	17	− 6	1†	2.24	−1.16	1.21	13-14	7.5	6	7	14	8	sw.	Carl E. Bigger.
East Waterford-3 E	Juniata	2,125	10	27.6	.....	58	19	− 1	9†	1.53	−0.42	0.48	21-22	15.8	8	5	11	13	w.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1, 100	61	25.3	−0.5	66	19	−20	9†	2.34§	−0.49	1.10	13-14	7.8§	13	15	4	10	ne.	R. E. Palmateer
Ephrata	Lancaster	365	50	31.0	+0.4	62	19	− 1	7	2.47	−0.40	0.70	27-28	16.5	10	16	13	6	n.	Wm. W. Halligan
Everett-0.5 SW	Bedford	1,020	25	29.7	+2.1	72	28	− 7	9	1 33	+0.88	0.41	21-22	12.0	8	6	11	12	nw.	Penna. Turnpike Comm
Freeland	Luzerne	1,970	54	24.8	+0.2	59	20	− 4	9	1.54	−1.44	0.45	21-22	13.8	12	10	5	14	w.	Andrew B. Evans ha.
George School	Bucks	184	41	28.8	−2.6	65	19	− 4	7	2.98	+0.17	0.89	4	15.1	11	8	11	10	w.	George M. Hart.
Gettysburg	Adams	553	74	31.8	+0.3	68	19	− 2	11	1.66	−1.02	0.38	22	9.0	9	10	9	10	nw.	Hugh C. McIlhenny.
Gordon	Schuylkill	900	43	25.4	−1.9	56	17†	−13	1	1.74	−1.35	0.55	21-22	15.0	9	11	9	9	e.	Miss Sallie M. Johnson.
Hanover	York	600	43	31.4	−1.7	70	19	1	1	1.62	−0.98	0.40	22	9.1	12	11	10	8	e.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	78	30.1	−0.1	66	19	− 2	10	1.28	−1.78	0.34	4-5	15.0	12	5	12	8	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	37	23.1	−2.5	53	19†	−24	1	1.60	−1.02	0.40	13-14	10.0	10	19	3	7	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	32	29.8	−2.8	61	18	− 2	9	1.92	−0.49	0.80	4-5	12.4	11	8	11	10	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	60	.....	.....	.....	.....	.....	.....	1.51	−1.10	0.45	13-14	13.0	7	14	4	11	w.	J. W. Shilling.
Lancaster	Lancaster	255	60	29.0	−2.1	62	19	− 9	9	1.93	−0.69	0.55	27-28	12.7	11	13	9	7	nw.	Lancaster Water Bureau
Lawrenceville	Tioga	996	50	23.6	−1.3	55	19	−25	1	1.15	−0.57	0.30	28	4.5	6	10	10	9	n.	Carlos P. Darling.
Lebanon	Lebanon	469	63	28.0	−1.6	61	18	0	1†	1.85	−1.24	0.42	27-28	15.7	11	11	13	5	ne.	Lebanon Valley Gas Co.
Lewistown-1 W	Mifflin	580	9	28.0[a]	.....	66	19	−14	1	1.27	.....	0.43	13	12.0	8	12	10	7	ne.	American Viscose Co.
Lock Haven	Clinton	577	56	26.2	−2.2	62	20	−12	10	1.80	−0.74	1.10	13 14	6.5	6	16	1	12	w.	Samuel C. Dickey, Jr.
Marcus Hook	Delaware	12	20	34.3	−1.1	68	18	10	1†	2.53	+0.04	0.66	4-5	12.8	11	7	2	20	n.	Sun Oil Co.
Martinsburg[5]	Blair	1, 193	5	27.9	.....	66	28	− 7	9	1.45	.....	0.40	4	11.0	10	4	15	10	w.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1, 176	42	19.9	−2.7	48	19	−11	1	3.43	+1.25	1.62	13 14	16.0	5	12	3	14	nw.	Harry S. Faucher.
Mt. Pocono Arpt.-2 N	Monroe	1,914	6	22.0	+0.2	49	19-20	− 5	1	2 04	−0.89	0.68	13-14	11.7	12	3	13	13	nw.	U. S. Weather Bureau.
Palmerton	Carbon	155	29	25.8	−3.3	54	18†	− 6	1	1.68	−0.56	0.50	1	15.0	9	9	10	10	ne.	New Jersey Zinc Co.
Philadelphia C. O	Philadelphia	26	77	33.4	−0.5	68	19	10	10	3.17	−0.27	0.95	4-5	13.0	12	7	9	13	n.	U. S. Weather Bureau.
Philipsburg-7 E	Centre	1,916	5	23.6	.....	61	28	−23	9	2.54	.....	0.81	13 14	11.2	12	4	7	18	se.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	38	32.5	+0.1	75	20	−10	7	2.41	−0.58	0.71	27-28	10.8	13	16	7	6	w.	Phila.-Suburban Water Co
Port Clinton‡‖	Schuylkill	407	9	26.0	−3.4	58	19	− 7	7	1.74	−1.58	0.53	28	17.0	12	15	5	9	.....	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	62	26.4	−2.5	60	19	− 9	7†	2.53	−0.83	0.84	27-28	12.4	11	8	13	8	nw.	John E. Benner.
Reading	Berks	273	77	31.2	+0.7	65	19	5	1	2.07	−1.47	0.57	27-28	17.2	10	5	8	16	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	53	26.4	−0.9	58	19	− 5	1	1.10	−2.05	0.44	14	5.4	9	7	12	10	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	57	26.6	−2.0	58	18†	−14	9	1.27	−1.46	0.26	4†	.....	8	12	7	10	n.	Selinsgrove Arpt
State College	Centre	1,217	62	28.5	−1.5	63	19	− 3	9-10	1.94	−0 63	0.88	13	9.2	9	7	10	12	sw.	Penna. State College.
Stroudsburg-2 E	Monroe	440	28	26.5	−1.1	55	18†	− 8	8†	2.27	−0.48	0.59	13-14	13.7	8	11	10	8	n.	Metropolitan Edison Co
Sunbury	Northumberland	443	2	26.0	.....	57	18	−10	1†	1.45	.....	0.35	13-14	9.5	10	6	8	15	sw.	U. S. Weather Bureau.
Tamarack-2 S	Clinton	2,250	7	22.9	.....	56	19†	− 8	1	1.82	.....	0.97	13 14	6.5	5	8	12	9	w.	James E. Swartz.
Towanda-1 E	Bradford	754	53	24.1	−1.2	58	19	−23	1	1.10	−0.84	0 24	13-14	4.2	6	10	9	10	nw.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	77	21.0	−3.4	54	19	−25	1	1.55	−0.61	0.68	13	4.7	9	11	6	12	n.	M. S. Bliss.
West Chester	Chester	410	98	31.6	+0.3	65	19	5	9†	2.41	−1.27	0.73	4	14.0	12	13	10	6	n.	Clyde T. Saylor
Wilkes-Barre Apt.-3N	Luzerne	524	9	24.5	.....	56	19	−10	1	0.93	−1.65	0.43	13-14	7.2	8	4	11	14	sw.	U.S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	3	24.6	.....	56	18	−11	1†	2.09	.....	1.11	13-14	6.4	9	6	8	15	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	31	29.2	−0.8	58	19	− 3	7	1.55§	−0.37	*0.50*	22	14.0	9	7	17	5	.....	Gordon E. Lower.
York-3 SW	York	390	59	31.1	−0.3	70	19	− 6	9	2.24	−0.48	0.69	22	12.0	9	8	13	8	nw.	York Water Co.
Division mean				**27.2**	**−2.2**	**75**	**20**	**−25**	**1**	**1.89**	**−0.75**	**1.62**	**13-14**	**11.4**	**9**	**10**	**9**	**10**	w.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	12	29.2	.....	68	19	− 2	9	2.16	−0.34	0.61	4	17.5	15	3	7	19	nw.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	30	28.5	−2.2	62	19	−21	10	2.45	.....	1.07	14	9.5	11	9	11	9	w.	City Water Dept.
Brookville Apt.-1.5SW	Jefferson	1,400	57	25.6	+0.8	65	19	−20	9	3.09	+0.67	1.67	13-14	7.0	13	6	7	16	w.	Civil Aeronautics Authority
Butler	Butler	1,077	34	30.4	+2.0	67	19†	−15	9	2.43	+0.08	0.75	13-14	10.7	13	10	9	10	se.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	37	25.9	.....	66	19	−20	9	2.66	−0.49	1.49	13-14	6.8	12	9	7	13	w.	Penna. Electric Co.
Claysville	Washington	1,175	44	32.4	+1.1	69	19	−12	9	1.81	−0.70	0.39	4	13.0	9	11	5	13	sw.	Walter B. Paget.
Corry	Erie	1,410	33	26.1	+0.9	62	19	−17	9	2.82	+0.17	1.02	13-14	11.2	11	10	11	8	ne.	Geo. R. Mulderick.
Coudersport	Potter	1,653	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Potter Enterprise.
Derry	Westmoreland	1,150	50	34.1	+3.9	70	19	−10	9†	2.17	−0.85	0.70	25-26	12.0	9	14	9	6	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	4	28.3	.....	66	19	−14	9	2.18	..	0.70	26	12.7	12	4	20	5	w.	Penna. Turnpike Comm.
Donora	Washington	761	21	36.8	+2.5	70	19†	0	9	1.86	−0.45	0.40	3-4	9.1	13	15	6	8	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	30	27.5	+0.3	64	19	− 7	9	2.69	−0 08	0.78	13	10.6	8	9	9	11	w.	John L. McGough.
Farrell	Mercer	855	31	30 4	+1.9	67	19	− 9	8	1.83	−0.07	1.20	13-14	4.0	6	15	11	3	ne.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	4	§§	.....	68	19	−21	9	2.63	.....	1.23	13-14	8.3	10	8	3	18	w.	U.S. Engineers.
Franklin	Venango	987	73	25.0	−0.7	65	19	−18	1	2.62	−0.08	1.41	13-14	7.5	9	14	8	7	s.	William K. Fuller
Greensburg-2 S	Westmoreland	1,160	38	31.8	+0.3	70	19	−20	9	2.24	−0.67	0.63	25-26	9.6§	11	14	1	14	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	46	29.2	−0.4	69	19	−21	9	2.58	−0.33	0.62	3-4	12.0	8	6	11	12	nw.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	6	.....	.....	68	19	.....	.....	2.04	−0.04	1.30	13-14	.....	9	7	16	6	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,450	65	31.1	+0.8	70	19	− 7	9	2.61	−1.02	0.55	13-14†	12.7	11	16	2	11	s.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1,750	32	21.6	.....	61	19	−25	9	2.54	−0.41	1.06	13	9.6	16	14	1	14	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	53	25.6	+1.2	63	19	−16	9	2.30	−0.38	1.29	13-14	6.8	12	6	13	10	nw.	City of Meadville.
Mercer	Mercer	1,296	8	26.4	.....	64	19	−10	9	2.51	.....	1.17	13	10.6	11	3	11	15	w.	U. S. Weather Bureau.
Midland	Beaver	780	11	31.2	−0.2	66	19	− 6	9	2.03	−0.17	1.00	13-14	7.5	10	12	7	10	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	67	28.4	−0.4	66	19	−13	9	2.14	−0.22	0.90	13	3 2	9	3	18	8	n.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,286	14	32.8	+3.0	68	19	1	9	1.90	−0.80	0.64	13-14	9.5	13	6	11	12	nw.	U. S. Weather Bureau
Putneyville-2.5 SE	Armstrong	1,270	4	24.5[b]	.....	67	19	−20	9	2.85	.....	1.43	13 14	7.3	11	5	9	15	e.	U.S. Engineers.
Ridgway	Elk	1,385	40	23.1	−1.8	65	19	−25	1	2.46	+0.15	1.30	13-14	12.5	11	14	7	8	s.	West Penn Power Co.
Somerset	Somerset	2,100	76	29.4	+2.4	65	19†	−22	9	2.21	−1 40	0.57	4	14.3	12	5	19	15	sw.	D. L. Grove.
Springs-1 SW	Somerset	2,250	28	28.4	+1.1	63	19†	−12	9	3.07	−0.08	0.76	4	21.5	14	8	9	12	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	10	22.7	.....	69	28	−23	9	2.70	+0.34	1.49	13-14	8.8	13	11	3	15	se.	U. S. Engineers.
Titusville-2 S	Crawford	1,550	4	26.6	.....	63	19	−12	9	2.73	.....	1.20	13-14	5.5	10	1	21	7	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	59	37.0	+4.2	71	19†	1	9	2.38	−0.54	0.78	4-5	11.0	13	7	13	9	sw.	William W. Marsteller.
Warren	Warren	1,190	59	28.1	+3.1	65	19	−18	9†	1.09	−1.49	0.31	13-14	.....	14	16	8	5	sw.	Merrell J. Jordan
Waynesburg	Greene	1,100	18	32.2	+0.6	69	19	−12	9	2 03	+0.19	0.53	4	7.9	11	2	13	14	w.	Mfr's Light & Heat Co.
Division mean				**28.6**	**−0.1**	**71**	**19†**	**−25**	**1†**	**2.36**	**−0.31**	**1.67**	**13-14**	**10.0**	**11**	**9**	**9**	**11**	w.	
Lake Drainage																				
Albion	Erie	900	4	24.4	.....	63	19	−18	9	2.84	.....	1.22	13	.....	13	10	12	7	nw.	Albion High School
Erie	Erie	705	74	28.3	+1.4	65	19	3	9	2.67	+0.01	0.85	13-14	7.7	10	5	9	15	w.	U. S. Weather Bureau.
State mean				**28.3**	**0.0**	**75**	**20**	**−25**	**1†**	**2.07**	**−0.71**	**1.67**	**13-14**	**10.8**	**10**	**9**	**9**	**11**	w.	

[See page 16 for explanation of reference marks.]

Daily Precipitation for February 1948

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike		.13	.03	.08	.35	.03		.01				.07		.67								.34					.04	.28	.08			1.86
Equinunk[2]	Wayne		.13	.03	.08	.35	.03		.09				T.		.93	.03					.09		.23	.01			T.	.13	.27	.12			2.52
Hawley[2], 0.5 E	Wayne		T.	T.	.05	.09		T.	.10	T.			.03		.40	1							.26	.03				.15	.18	.11			1.60
Hollisterville[2]	Wayne		T.	T.	.01	.25		.01	.03	T.			.03		.54	1					.07	T.	.27	.01			.07	.26	.04	.09			1.72
Lakeville[2], 1 N	Wayne			T.	.02	.25		T.	.13	1		T.	1	T.	.41	T.							.24	T.			T	.15	.18	.15			1.53
Matamora[2]	Pike					.41			.04						.63								.30						.24	.07			1.69
Milanville[2]	Wayne	1		.07			.26			.12			T		.61								.22	T.			T.	.08	.21	.07			1.64
Mount Pocono[1], 2 N	Monroe		T	T.	.42	T.	.02	.01	.02	T.		.08		.27	.41					.01	T.	.01	.34			T	.08	T.	.37	T.			2.04
Pecks Pond[2]	Pike				.05	.18			T.				.06		.67								.30	T.			T.	.08	.41				1.75
Pleasant Mount[1,5], 1 W	Wayne				.24			.08	.02					.55	.42							.01	.22					*	.35				1.89
Stroudsburg[2], 2 E	Monroe				.24	.27	T		.06				.12	T.	.59								*	.44			T		.55				2.27
Tamers Falls[1, 5], 1 SE	Wayne				.35			.11	.01			.05		.46	.53							.01	.21				.14		.24				2.13
Wind Gap[1, 5], 3 SW	N'rthampton				.10		.15	*	.20			*	*	*	.90							.02	.14				.20		.48	.01			2.20
LEHIGH																																	
Allentown Apt[1, 5, 9, 4 NE	Lehigh				.30		.02	.02				.12	T.	.06	.46							T	.38		T	T.	.16	T.	.40				1.92
Allentown[2]	Lehigh				.09	.40	T.	T.	.03				.14		.45								.37	.02		T.	.04	.12	.48	.04			2.18
Bethlehem[1]	N'rthampton				.68		.02	.01				.12	T.	.06	.44								.33		T.	T.	.16	T.	.40				2.22
Blakeslee Corners[1, 5]	Monroe				.16		.03	.03				.06		.09	.42								.30				.06		.19				$1.34
Gouldsboro[2]	Wayne				.05								.12		.85								.38					.07	.23	.03			1.73
Lansford[2]	Carbon				.11	.90	T.		T.				.15	T.	.35								*	.53			.03	.12	.33				2.52
New Tripoli	Lehigh				.37	.02	.02	T.	.02			.11		.09	.35								.50		T.		.15		.49				2.12
Palmerton[1, 5]	Carbon				.50		T.	.01	T.			.10	T.	.04	.31					T.		.02	.13				.12		.45				1.68
Zionsville, 1 SW	Lehigh				.50	.15	.03		.02			.05		.03	.50								.30				.15		.72				2.45
SCHUYLKILL																																	
Conshohocken[2]	Montgomery					.70	.05		.05				.05	.05		.25							.39	T.			.13		.67	.06			2.60
Fredericksville[2], 1 S	Berks			T	.01	T.	.73		.05				T.	T.	.45								.65			T.	.32	.09	.56				2.86
Geigertown[2]	Berks				*	.62	.02	T.	T.	.07			.69		.23								*	.47			*	.13	*	.61			2.15
Gratersford[2]	Montgomery				.16	.63	.08	.06	.07				.17		.72								.51	.37		.02	.09	.12	.51	.22			3.73
Phoenixville[2], 1.5 SE	Chester				.52	.09	.04	.01	.05				.08		.39	T.							*	.37		T	.08	.07	.65	.06			2.41
Port Clinton[2]	Schuylkill				.02	.07	.01	.01	.01				.11	T.	.42								.38	T.			.11	.07	.48	.05			1.74
Pottstown[2], 0.5 S	Montgomery				.08	.61	.09		.02				.06		.31								.48	.08			T.	.31	.85	.04			2.93
Pottsville[2]	Schuylkill				.06	.16		T.	T.				.13		.40						T.		.70	T.			T.	T.	.58				2.03
Reading[1, 5]	Berks				.53	T.	.04	.02				.10		.15	.15						T.		.35		T.	T.	.16	.02	.55				2.07
Strasstown[2]	Berks				.07	.40	.04	T.	.02				.09		.43						T.		.42	T		T.	.09	.11	.58	.02			2.27
Virginville[2]	Berks			T.	.11	.92		T.	T.				.07		.40								.77	T		.17	.08		.52	T.			3.07
Wernersville	Berks				.55	.04	.05	T.	.02			.08	1	.04	.15	T.							.36		T.		.23		.66				2.18
LOWER DELAWARE																																	
Coatesville[2]	Chester				.04	.63	.04		.06				.08		.43								.22			.01	.18	.07	.60	.02			2.38
Doylestown	Bucks				.55	.06	.03	T.	.04			.05		T.	.35						T		.34			T.	.12		.60				2.14
George School[6]	Bucks				.89	.05	.12	T.	.11			.11	.01	.06	.33								.50				.08		.72				2.98
Maple Glen[7]	Montgomery				.12	.14	.02		.03			T.	.07	T.	.31								.20	T.		T.	.11	T	.59				1.59
Marcus Hook[2]	Delaware				.01	.65	T.	T	.08				.13		.54	T.		T					.30	.02		T.	.09	.07	.53	.09			2.53
Philadelphia																																	
Southwest Airport, 1	Philadelphia				.67	.10	.06	.06	T			.12	.08	.09	.61		T.						27			.01	.16	T.	.61				2 84
City Office[1, 5]	Philadelphia				.93	.02	.03	.06	T.			.15	.10	.09	.42		T						.49			.01	.17	T.	.70				3.17
Shawmont	Philadelphia				.64	.25	.10	T.	.05			.10	.15	.10	.50								.57			.25	.17		.60				3.48
Quakertown, 0.5 E	Bucks				.54	.06	.01	T.	.03			.05	.06	.02	.45								.35			T	.12		.84				2 53
West Chester	Chester				.69	.04	.04	.01	.04			.05	.04	.06	.35								.27				.22		.60				2 41
West Grove[2], 1.5 SE	Chester				*	.87	T.		T.				.24	T.	.44	T.							T.	.29		T.	*	.20	*	.58			2 62
Susquehanna Basin																																	
CHEMUNG																																	
Auburn[1, 5], 2 W	Tioga				.16							*		*	.42								.20					*	.33				1.11
Covington[2]	Tioga			T.	.01	.04			T.						.28						T.		.14	T.			T	T.	.15	T.			0 62
Lawrenceville	Tioga				.20	T.			T.					.25	.25	T.							.12				.03		.30	T.			1.15
NORTH BRANCH																																	
Berwick	Columbia				.21	.01			.01	T.		.03		.25	.31						T.		.21			.01	.18		.20				1.42
Canton[2], 1 NW	Bradford			T.	.14	.12			T.	T.			T.	T.	.65	T.					T.		.27	T.			T.		.20	T.			1.38
Danville[2]	Montour				.10	.20	.02	.02							.62						.02		.39				.10	.13	.28				1.88
Freeland[2]	Luzerne				.12	.16	.10		.05				T	03	.37	.04							.45	T.			.02	.01	.17	.02			1.54
Hop Bottom[2], 2 S	Susquehanna	T.	T.	T.	*	.28	*		.17				.02		.78								.19				.02	15	.15	.18			1.94
Millville[1, 5]	Columbia			*	.34									.31	.30						.07	.07					.23		.25				1.57
Mcmeeton[2], 2 S	Bradford		T.	T.	.13	.14			T.	T			T.		.62	T.					T.			.30	T.		T.	.08	.22	.02			1.51
Montrose[1], 3 E	Susquehanna		.06	.02	.09	.28			.29	T.			.02		1.62	T.					T.	T.	.27	.09			.11	.26	.14	.18			3.43
Orwell[1], 3 N	Bradford		.04	.05	.07	.02			T.						.51								.15					.07	*	.14			1.05
Park Place[1], 1 NW	Schuylkill			T.	.15	.01	.03	.01	T.				.06		.24						T.		.27			T.	.14	T.	.17	T.			1 17
Pikes Creek[1, 5]	Luzerne				.13										.54								.22				.13		.41				1.85
Rush[2]	Susquehanna				.12	.13			.05						.60								.23					.12	.16	.12			1.53
Scranton[1, 5]	Lackawanna		T.	T.	.08	T.	T.	.05	T.			.02	T.	.14	.30					.01		T.	.22			T.	.08		.20	T			1.10
Susquehanna[2]	Susquehanna		.04	.03	.07	.18			.09	.02			.05		.88	.08					T.		.18	T.			.02	.14	.22	.11			2.11
Towanda, 1 E	Bradford		T.	T.	.17	T.			T.					.22	.24	T.				T.			.19			T.	.10		.18	T.			1.10
Tunkhannock[2]	Wyoming			T.	T.	.13			T.	T.				T.	.37	T.							.22	T			.04	.04	.09				
Wilkes-Barre[1], 3 N	Luzerne		T.	T.	05	T.	T.	.01	T.			.01	T.	.19	.24					T.		T.	.19			T.	.09		.15	T.			0.93
WEST BRANCH																																	
Bellefonte[2]	Centre				.23	.12								.87	T.							.64					.04		.06	T.			1.96
Carrolltown[2]	Cambria				.35	.22	T.		.05				T.	T.	1.01	.10					.03		.33	T.			.29	.04	.27	T			2.69
Carter Camp[2]	Potter			T.	.15	.11			.01				T.		1.36	T.					.05		.18				.07	T.	.33	.53			2.74
Cedar Run[2]	Lycoming				.11	.18			.03						.98						.05		.21	T.			.06	.05	.22	.07			1.96
Clearfield[2]	Clearfield			T	.21	.16			.05	T.			T	.01	1.61	.04					.11		.22				.15	.06	.43	.03			3.08
Coalport[2]	Clearfield			T	*	.60	T								.45	.50							.20				.40		.24				$2.39
Curwensville Apt[1] 6NW	Clearfield	T	T.	.01	.50	T.	T.	.09	.02			T.	.02	1.01	.35	T.				.04	T.	.04	.14			.10	.22	.06	.37	.01			2.98
Driftwood[1, 5]	Cameron				.20									.88	.17							.04	.15				.16		.28				1.88
Dushore[1, 5]	Sullivan				.06									.57	.20							.02	.25				.13		.16				1.59
Eagles Mere[2]	Sullivan			T.	.16	.18			.04	T.			T.		1.21	T.					T.		.30	T			T.	T.	.35				2.24
Emporium[2], 1 E	Cameron				.12	.08			.04				.02	.04	1.10	.05					.02		.15				.12	.02	.43	.15			$2.34
English Center[1, 5]	Lycoming				.19									.93	.21							.02	.16				.09		.15				1.75
Galeton	Potter				.26									.17	.70	.02				.01	.04		.13			.03	.02		1.12	T.			2.50

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield			T	.18	.15			.08					.02	1.50	.05					.03		.19				.10	.02	.34	.11			2.77
Lock Haven	Clinton				.20				T					.50	.60						T.		.20				.05		.25				1.80
Medix Run[1, 5]	Elk				.20	.02	.06	.02	.01					1.01	.23					.08		.04	.13			.07	.18	.04	.31				2.40
Philipsburg[1, 5], 7 E	Centre	T.	T.	T.	.64	T.	.01	.18	T.			T.	.04	.74	.16					T.	T.	.14	.16			T.	.13	.01	.31	.02			2.54
Renovo[2]	Clinton				.11	.10			.03					.07	1.09	T.							.13				.10	.05	.16	.04			1.88
State College[1, 5]	Centre			T.	.34	T.	.01	T	T.				T.	.88	.07			T.		T.		.13	.20			T	.10	.01	.20	T.			1.94
Tamarack[2], 2 S	Clinton			T	.08	.13			.04	T.			T.	.01	.97	.02					T.		.25	T.			.08	.06	.14	.05			1.82
Trout Run	Lycoming																																
Tyrone [1, 5], 4 NE	Blair				.32		.02	.03						1.11	.07							.11	.13				.18	.02	.33				2.32
Wellsboro[2]	Tioga			T.	.08	.08	T.		T.	.01					.68	T.					T.		.14	T.		.04	.10	.15	.27			1.55
Williamsport Apt.[1] 4 E	Lycoming		T.	T.	.24	T.	T.	T.	.02			T.	T.	.74	.37					.02		.02	.24			T.	.19	T	.25	T.			2.09
Williamsport[2]	Lycoming				.14	.12			.07						1.04						T.		.34				.14	.07	.27	.06			2.25
Williamsport[2], 4 SE	Lycoming			T.	.08	.14		T	.03				T		1.05	T.					T.		.40	.01			.05	.08	.26	.08			2.18
JUNIATA																																	
Altoona, 4.5 W	Blair				.59	.03	.02							.15	.45								.21			.03	.21		.29	.08			2.06
Breezewood[1], 0.5 E	Bedford				.25		.08	T.						.18	T								.31				.10	T.	.03	T.			0.95
Buffalo Mills[2]	Bedford				.27	.23									.34								.39						.23				1.46
Burnt Cabins[1], 2 NE	Fulton				.29	T	.08					T.		.14	.03								.39				.10	T.	.13				1.16
East Waterford[2], 3 E	Juniata			T.	.23	.16	.05	T	T.	T.		T.	T.	T.	.21	T	T.				T.		.48	T.			.12	.05	.23	T.			1.53
Everett[2], 0.5 SW	Bedford				.16	.18	.08	T.	T.					T.	.19								.41	T.			.12	T.	.15	.04			1.33
Huntingdon[6]	Huntingdon				.30	.09	.03							T.	.45								.31				.11	T.	.22				1.51
Lewistown[2], 1 W	Mifflin			T.	.12	.08	.03	T.							.43								.31				.06	.03	.21	T.			1.27
Mapleton Depot[2]	Huntingdon				.21	.11	.02							T.	.29								.43	T.			.10	.01	.21				1.38
Martinsburg[1, 8]	Blair		T.	T.	.40	T.	.01	T	T.					.31	.13	T.		T.				.06	.21			T.	.21	.01	.09	.02			1.45
McConnellstown[2], 4NW	Huntingdon			.06	.20	.11	.05	T.	T.					T.	.45	T							.51	T.		T.	.12	T.	.24	T.			1.68
Neffs Mills[1, 5], 3 5 NE	Huntingdon				.28									.64	.19							.02	.18				.18		.32				1.81
Newport[2]	Perry				.08	.35	.02								.18						T.		.45				.04	T.	.22	.01			1.35
Saxton[2], 1 W	Bedford				.26	.18	.05							.34	T.								.45	T.			.15		.17				1.60
Shade Gap[1, 5], 0.5 SW	Huntingdon				.14	.04	.07							.16	.08								.12				.12		.09				0.82
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adam				.13	.16	.05		T.				T.	.02							.12		.35			T.	.18	T.	.18				1.19
Beavertown[2]	Snyder																																
Bloserville, 1.5 N	Cumberland				.40	.04	.05	T.	T			T.		.18	.10								.43				.13		.18	T.			1.53
Carlisle	Cumberland				.38	.12		T.				.03		T.	.21								.48			T	.16	T.	.22	T.			1.60
Columbia	Lancaster				.74	.02	T.	T.	T.			.18	T.	.21	T.								.29			T.	.23		.46				2.13
Dauphin[2], 3 N	Dauphin				.10	.31	.06	T.	.03				.08	T.	.09						T.		.60	T.			.08	.05	.13	.02			1.55
Ephrata	Lancaster				.68	.06	.05		.05			.07		.02	.18								.42			T.	.24		.70				2.47
Glen Rock[1, 5]	York				.33	.04	.07							.17	.15								.30				.32	.01	.35				1.74
Gordon	Schuylkill				.23		.07					.14		.04	.25						.02		.55				.21		.23				1.74
Grantville, 2 SW	Dauphin				.35	T.	.03	T.	.02			.04	.01	.07	.12					T.			.36				.29		.35				1.64
Hanover[2]	York				.07	.28	.05	T.	.01				.05	T.	.22						.01		.39	.01		T.	.28	.02	.23				1.62
Harrisburg Apt[1, 5], 3.5 S	Dauphin				.33	.01	.11	.01				.01		.04	.07					.01			.32			T.	.21	.01	.15	T.			1.28
Holtwood[2]	Lancaster				.05	.75	.07		.01				.10	T.	.24								.23	T.		T.	.18	.02	.29	01			1.92
Huntsdale[2]	Cumberland				.10	.17	.05		T.				.04	T.	.17						T		.42			T.	.14	T.	.10				1.19
Kirkwood[1, 5], 1 SW	Lancaster				.30		T						.13	.10	.29								.14				.21		.37				1.54
Lancaster	Lancaster				.50	.04	.04	T.	.07			.05	.03	.03	.15								.25			T	.22		.55				1.93
Lebanon[2]	Lebanon				.08	.30	.10	T	.03				.12		.26						.02		.35	T.			.16	T.	.42	.01			1.85
Middletown[1], 1.5 W	Dauphin				.18	T.	.05	.02	T.			.13		.03	.06					.01			.23		T.	T	1.04	T.	.20	T.			1.95
Millersburg[1, 5], 2 E	Dauphin				.23		.03							.08	.09								.19				.18		.21				1.01
Milroy[2]	Mifflin				.38									.45	T.								.66					T	T.				1.49
Newburg[1], 3.5 NW	Cumberland				.15		.10							T.	T.					T.			.30				.17	T.	.14				0.86
New Park	York				.40	.25		.02					.36		.17	.01							.30				.15		.22				1.70
Pine Grove[2], 1.5 NE	Schuylkill			T.	.19	.18	.08	T.	T				.13		.10	.19					T.		.33	T.			.08	.02	.40				1.59
Selinsgrove	Snyder				.26		.07		T.			T.		.10	.19						.02		.26			T.	.18		.19				1.27
Shamokin[2]	N'umberland			T.	.10	.12	.02		T.				.06	T.	.35						.03		.48				.05	.15	.26				1.62
Shippensburg	Cumberland				.20	.14	.07	T.	T.			T.	T	.10	.15						T.		.48				.18		.18				1.50
Sunbury[1]	N'umberland			T.	.29		.04	.02	T.			T.		.27	.08					T.		.06	.24			T.	.17	.03	.25	T.			1.45
Wellsville	York				.18	.05	T.	T.	T.			.02	T.	T.	.15								.42				.22		.32	T.			1.36
Williamstown[2]	Dauphin				*	*	*	*							.69								.50				.03	.09	.24	T.			§1.55
York, 3 SW	York				.45	12	.08					.02		.05	.13								.69				.35		.35				2.24
York Haven[2]	York				.07	.37	.06	.01					.02		.18						.01		.38			.21	.10	.37	.02				1.80
Potomac Basin																																	
Chambersburg[6], 1 SW	Franklin				.27	.04	.07					T	T.	.17	.16					T.			.60				.17	T	.18	T.			1.66
Gettysburg	Adams				.19	.05	.16					T.	.01	.10	.15						T.		.38				.37		.25				1.66
Hewitt, 2 SW	Bedford				.46		.06							.07	.14								.48				.17	.35					1.73
Hyndman[2]	Bedford				.15	.23	T.		.05					T.	.24								.43				.08	T.	T.	T			1.18
McConnellsburg[2]	Fulton				.17	.08							T.	.22									.36				.10	T.	.12	T			1.05
Mercersburg[2]	Franklin				.37	.04		T.		T.	T.			.19									.42				.13						1.15
South Mt. San't'm[2]	Franklin				T.	.28	.07	T	T.				T.	T.	.26								.52			T.	.09		.16	T			1.38
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny				.22	.26	T.			T.			.02	.02	1.10	.07						f.		.18				.40	.07	.26				2.60
Allen Mills[1, 5]	Jefferson			.01	.37	.01		.04				.08		1.32	.33					.03			.16			.19	.22	.03	.49				3.34
Blairsville[1], 6 NE	Indiana	T.	T.	T.	.61	.02	.03	.02	.06				.01	.15	.16	T.				T.	T.	.18	.07			.10	.51	.04	.19	.01			2.16
Boswell[2], 6 NW	Somerset				.26	.29	.05		.14	T.			.05		.45	.16							.15				.68	.02	.28	T.			2.53
Bradford, 1 W	McKean		T.	.04	.15	T.			.08				.04	.30	1.07	T.					.07		T.			.09	.13	T.	.43	.05			2.45
Brookville[1], 1.5 SW	Jefferson	T	T.	T.	.40	T.		.05	.02			T.	.01	1.53	.25	T				.01	T.	.10	.10			.13	.13	.04	.32	T.			3.09
Buckstown[1, 5]	Somerset		.02	.09	.35	.04	.07	.09	.05	.05		.03	.02	.33	.21					.05		.17	.05		.04	.06	.30	.07	.24	.05			2.38
Clarion[2], 3 SW	Clarion				.13	.09			.03	T.			.02	.05	1.49	.05							.12				.29	.02	.29	.08			2.66
Corry	Erie			.03	.16				.06				.08	.70	1.02	T.					.05					.17	.06		.45	.04			2.82
Coudersport	Potter																																
Coudersport[2], 7.5 E	Potter				*	*			.25					*	1.03								.35				*	.36	*	.25			§2.24
Derry	W'moreland				.58	.06	.09	T.	T.					.27	T.	T.					T.		.38			.12	.58		.05	.04			2.17
Donegal[1]	W'moreland	T.		T.	.35	T.	.02	.10					.03	.40	.10					.03		.05	.05			.30	.70	05	T.	T			2.18
Dunlo[1, 5], 0.5 SW	Cambria				.40	.02								.28	.20							*	.20			.09	.41	.05	.20	.07			§1.92
Ebensburg[2]	Cambria				.47	.14			.07						.78	.06					T.		.27				.52		.38	T.			2.69
Ford City[2], 4 S	Armstrong				.28	.29	T.		.03				.04	.01	1.23	.02					T		.17				.30	T.	.26				2.63
Franklin[2]	Venango				.20	.05			T.						1.41	.10					.04		.02				.24		.19	.37			2.62
Glen Hazel[2], 1 NE	Elk																																
Home[1, 5]	Indiana			.01	.34	.02			.02					*	1.41					.03		.17	.04	.02		.20	.27	.02	.28				2.83
Indiana	Indiana				.54	.08	T.	T.	T.					.58	.48	T.					T.		.34			.08	.34		.14	T.			2.58
Johnstown[2], 0.5 W	Cambria			T.	.48	.26	.03		.08				T.	.08	.55	.06					T.	T.	.17			T	.55	T.	.33	.02			2.61

Continued on page 13.

Daily Precipitation for February 1948—Continued from page 12.

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	.01	.01		.20			.06	.01			T.	.03	1.06	.34					.08	T.	.03	.07			.09	.10	.01	.41	.03			2.54
Kregar[1], 1.5 SE	W'moreland	T.	T.	.08	.78	T.	.06	.12	.04				.02	.46	.45	T.				.03	T.	.38	.07			.50	.62	.07	.22	.08			3.98
Lycippus, 1.5 E	W'moreland				.70		.18		.17				.10	.12	.15	.03							.45			.15	.65			T.			2.70
Marienville[1, 5]	Forest				.21			.08					.05	1.38	.34					.02			.10			.19	.11	.05	.72	.03			$3.28
Meadville[2], 1 S	Crawford			T	.12	.05			.02	T.			.01	.11	1.29	13					.03	T.				.01	.21		.29	.03			2.30
Mosgrove[2]	Armstrong				.25	.16			T.				T.	.04	1.46	.06							.19				.30	.03	.36	.01			2.86
Parkers Landing[2]	Armstrong				.22	T.			.06	T.				T	1.64	.13					F	T.	.12				.24	T	.28				2.69
Pittsburgh City Off[1, 5]	Allegheny			T.	.46		.01	T.	T.	T.			.01	.68	.22					.02		.10	.07			.09	.29	.08	.07	T.			2.10
Port Allegany[2]	McKean		T.	.02	.12	.04			.06						.94	.03					.10		.08				.12	.61	.19	.37			2.08
Punxsutawney[2]	Jefferson				.24	.17			.03	T.			.05	.01	2.00	.01					.15		.20				.23	.05	.33				3.47
Putneyville[2], 2.5 SE	Armstrong				.23	.05			T.				.11	.08	1.43	.04					.08		.22				.30	.07	.24	T.			2.85
Ridgway[2]	Elk		.01	T.	.11	.07			.08	T.			T	T	1.30	.07					T.		.12				.21	.02	.24	.23			2.46
Saltsburg[2]	Indiana				.36	.27	T.		T.	T.			.01	.02	.44	.05					T	T.	.38				.51	T.	.17	T.			2.24
Seward[2]	W'moreland				.14	.82	.08		.09					.01	.78	.12							.26				.26	.18	.12	.08			2.94
Shelfield[1, 5], 6 W	Warren				.19	.03								1.35	.29					.10			.03			.13	.09	.05	.64				2.90
Smethport[1, 5], 1 SW	McKean				.05			.08	01				.04	.91	19					.13		.03	.12			.03	.17	.03	.64	.02			2.45
Strongstown[1, 5]	Indiana			.01	.46			.06						1.00	.28							.06	.17			.06	.46		.26				2.82
Tionesta[2], 1.5 SE	Forest		T	T.	.14	.08			.02	T.			.02	.07	1.49	.05					.03		.10			.01	.22	T.	.31	.16			2.70
Titusville, 2 S	Crawford		T.		.21	.05			.07				T.	.42	1.20	.08					.10		T.			.12	.10		.38	T			2.73
Union City[1, 5]	Erie				.11				.06				•	•	1.50					.03		.05				.13	.06	.09	.37				$2.40
Vandergrift[2]	W'moreland				.25	.26	.05								1.08								.08				.30		.13	T.			2.15
Warren[2]	Warren		.01	.02	.14	.05	T.		.03	.02			.02		.31	.08					.09		T.			T	.22	.02	.02	.06			1.09
Youngsville[1, 5]	Warren	.06	.03	.12	.02			.02	.02					•	1.61					.09						.17	.10	.19	.35				2.78
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	T.			.28	.51	.06		.13	T.			.07	.08	.47	.06					T		.33			T.	.36	.08	.32	T.			2.75
Connellsville[2]	Fayette				.19	.47	.05	T.	T.	T	T.		T	.09	.24	T.							.10				.58	.13	.12				1.97
Donora[1]	Washington	01		T.	.40		.02	T.	T.				.04	.26	.16					.04		.20	.09			.23	.31	.06	.04	T.			1.86
Greensboro[2]	Greene	.14			.24	.52	.09		.04	T.			.07	.03	.35	.03					f		.29				.44	T.	.21				2.45
Greensburg, 2 S	W'moreland				.52	.06	T.	T.	.05				.04	.21	.22						.05		.32			.07	.59	T.	.11	T.			2.24
Irwin	W'moreland				.49	.01	.01	T.	T.				.11	.24	.45						.02		.21			.07	.63		13	.02			2.39
Meyersdale[2]	Somerset				.15	.39	.05		.12						.47								.32				.26	.04	.23				2.03
Murrysville[1, 5]	W'moreland				.54									.71	.20					.01		.18	.12			.10	.44	.06	.16				2.52
Pittsburgh Arpt.[1, 5]	Allegheny	T.		T.	.42	T.	.01	T.	T.				.01	.55	.09	T				.02	T.	.19	.09			.10	.34	.03	.04	.01			1.90
Rices Landing[2]	Greene	.14		.20	.44	.04		T.	.01			.04	.04	.42	.02						.05		10				.38	.05	.15				2.08
Somerset	Somerset				.57	.08	.06	.03	.10				T.	.03	.39	T.					.01		.35			.02	31		.26	f			2.21
Springs[6], 1 SW	Somerset	.01		T.	.64	.12	.11	.11	.13					.13	.46	T.		.02		T.			.39			.08	.57	.10	.20	T.			3.07
Uniontown	Fayette	.03			.52	.26	.10	1	.07				.08	.06	.31						.03		.22			.09	.51	T.	.10	T.			2.38
Waynesburg[2]	Greene	.04			.19	.34	.06		T				.02	.04	.52	T					.03		.25				.38	T.	.13				2.03
BEAVER																																	
Beaver Falls[2]	Beaver			T.	.36	.10			T.	T.			.03	.01	1.15	.10					T.		.20				.13	.04	.15	T			2.21
Butler	Butler			T.	.41	.01			.01				.02	.38	.75	.17					.01		.12			03	23		.28	.01			2.43
Farrell[2]	Mercer				.19	.05								T.	1.20								.10			T.	.12		.17				1.83
Greenville	Mercer			T.	.20				T					.45	.86	T.					T.		.01			.14	.08		.22	.02			1.98
Jamestown[2], 2 NW	Mercer			T.	.09	.06			T.	T.				.08	1.30	.01					.11	T.	T.			.01	.19	T.	.19	T.			2.04
Mercer Arpt.[1], 2.5 NE	Mercer	T	T.	.05	.18	T.		T.	T.			T.	.01	1.17	.30	T					T.	.03	.01			.19	.09	.19	.29	T			2.51
New Castle[1], 1.5 N	Lawrence			T.	.22			T.					.01	.90	.27						T.	.03	.07			.14	.12		.38	T.			2.14
Pennline[2], 1 S	Crawford			T.	.10	.03			T.	T			.02	.14	1.43	.05					.05	T.				T	.25		.32	.03			2.42
OHIO																																	
Claysville[2]	Washington	.04			.39	.10								.28	.24					.05		T	.31			.07	.33						1.81
Coraopolis[2], 1 E	Allegheny				.23	.14			T				.01	.03	.96	T.					T.	T	.15				.41	T.	11	T.			2.04
Midland[2]	Beaver				.19	.14			T.	T.			.01	.01	1.00						.01		.14				.34	.02	.17				2.05
Washington[1, 5]	Washington	.04			.49									.34	.23					.03		.21	.14			.23	.26	.02	.08	.10			2.17
LAKE DRAINAGE																																	
Albion[2]	Erie				.01	.18			.01	.02			.01	.02	1.20	.40					.01	T				.02	.25		.12	.59			2.84
Erie[1, 5]	Erie		T.	T.	.10	T.		T.	T.			.15	.03	.64	.46					T.	T.				.40	.12	.04	.68	.05			2.67
Raymond[1, 5]	Potter				.15	.08		•	•	.06		•	•	•	•	.88				.08		.04	.13		.03	.05	.27	.01	.68	.01			2.47

[See page 16 for explanation of reference marks.]

Daily Temperatures for February 1948

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	12	12	30	24	21	25	33	21	11	24	35	36	38	39	45	52	51	52	63	30	33	41	43	53	43	43	53	48	29	....	..	35.9
	Minimum	−10	− 4	9	9	− 5	−10	− 8	10	−18	−14	−10	18	26	25	21	33	35	35	33	12	6	12	12	22	22	33	34	22	20	....	....	12.8
Allentown Arpt.[1,9-4 NE	Maximum	23	34	30	14	31	27	31	31	24	21	26	39	35	43	33	41	48	51	55	47	30	29	32	35	46	44	46	37	40	....	....	35.3
	Minimum	0	9	14	10	12	11	0	8	− 3	− 2	4	25	18	28	17	16	31	28	33	20	17	18	8	4	30	34	29	33	23	....	..	16.4
Allentown/	Maximum	26	36	31	21	30	28	30	34	27	22	29	41	43	47	42	43	55	57	60	43	41	32	35	35	46	46	49	42	41	....	....	38.3
	Minimum	− 2	3	14	13	13	18	1	2	5	3	4	11	22	25	22	19	20	27	33	37	18	18	12	6	11	34	30	32	33	....	....	16.7
Altoona-4.5 W	Maximum	28	31	28	22	24	31	29	27	18	21	28	36	34	52	39	47	52	59	68	59	29	31	34	35	47	48	57	65	55	....	....	39.1
	Minimum	− 3	13	18	11	12	15	3	14	− 8	0	7	21	24	29	16	21	33	32	35	21	11	20	14	18	25	38	32	39	30	....	....	18.7
Arendtsville/	Maximum	28	35	37	23	30	31	34	33	20	23	27	46	49	48	42	46	59	63	66	37	33	35	33	35	54	58	59	56	43	....	....	40.8
	Minimum	4	13	17	16	16	16	5	11	2	5	2	16	26	30	20	21	24	32	34	35	17	20	13	8	17	32	27	35	36	....	....	19.0
Beavertown/	Maximum	32	34	32	28	29	35	30	31	22	25	27	39	44	....	37	46	52	57	57	37	30	35	38	44	46	50	55	....	46	....	....	38.4[b]
	Minimum	− 4	12	10	8	9	19	− 3	12	−14	−12	− 6	7	15	29	30	16	33	27	29	28	11	15	11	10	11	35	24	31	31	....	....	14.6
Berwick	Maximum	25	32	29	24	26	29	29	30	23	23	23	38	34	48	37	47	52	55	58	60	31	32	38	38	43	47	48	45	41	....	....	37.4
	Minimum	− 11	8	11	12	12	13	− 7	23	− 11	− 8	− 2	21	18	33	16	18	32	25	34	25	15	20	14	11	32	34	27	35	32	....	....	16.6
Bethlehem[1]	Maximum	....	41	34	18	29	30	32	33	27	23	27	41	36	46	36	46	55	58	61	57	33	30	34	37	47	45	51	40	42	....	....	38.9[a]
	Minimum	....	24	17	11	12	19	10	13	9	6	12	27	25	28	22	24	45	34	38	23	19	21	20	14	32	37	35	34	24	....	....	22.7[a]
Blairsville[1-6 NE	Maximum	35	25	22	30	26	25	35	30	19	23	40	37	50	55	36	51	51	57	68	45	29	33	35	42	46	44	52	62	35	....	....	39.2
	Minimum	11	12	14	17	16	12	7	2	− 2	− 1	14	25	28	21	13	29	38	35	45	11	6	17	17	20	31	32	30	35	21	....	....	19.2
Bradford-4 W	Maximum	34	31	29	24	25	25	34	34	20	22	32	36	38	52	30	52	49	50	62	29	24	33	38	43	42	39	45	55	43	....	....	36.9
	Minimum	−20	0	11	9	− 5	− 9	− 3	11	−19	−21	− 4	27	10	23	− 1	13	35	28	27	11	3	3	5	18	26	31	27	34	23	....	....	10.1
Brookville[1]	Maximum	29	29	25	23	24	28	32	29	19	23	36	36	48	50	34	50	49	54	65	38	28	35	37	43	44	43	48	59	37	....	....	37.8
	Minimum	− 4	8	8	10	6	2	− 9	− 1	−20	−13	5	22	21	21	7	18	32	31	31	11	6	20	13	19	32	29	25	37	20	....	....	13.3
Burnt Cabins[1-2 NE	Maximum	35	36	35	24	26	34	27	32	25	27	26	47	36	46	40	47	55	62	63	56	35	33	39	34	52	55	58	69	42	....	....	41.2
	Minimum	− 6	10	12	18	6	12	− 1	14	− 4	− 8	− 1	20	23	28	20	23	26	27	29	16	11	18	8	2	27	37	24	41	31	....	....	16.0
Butler	Maximum	31	31	32	26	28	26	28	31	28	21	35	40	40	52	41	52	57	55	67	67	27	37	36	46	53	47	50	62	63	....	....	41.7
	Minimum	12	8	15	16	19	18	− 6	10	− 15	− 5	12	32	19	29	8	25	35	31	35	17	10	20	20	22	32	40	25	43	25	....	....	19.0
Canton/-1 NW	Maximum	22	31	24	14	20	24	29	27	14	17	27	38	45	42	32	42	48	49	50	25	28	28	32	33	42	43	43	41	28	....	....	32.3
	Minimum	− 8	− 6	11	5	5	3	3	8	− 7	− 9	9	13	16	25	5	19	25	30	32	19	7	9	7	9	16	28	29	30	24	....	....	12.3
Carlisle	Maximum	27	35	38	30	27	30	26	36	24	22	20	43	40	46	40	48	60	62	62	55	35	32	36	36	45	56	58	54	47	....	....	40.6
	Minimum	− 1	1	15	13	13	18	0	19	2	0	− 2	19	23	30	22	22	30	27	32	29	16	20	9	4	30	37	26	35	30	....	....	18.2
Chambersburg[6-1 SW	Maximum	30	35	36	20	29	30	28	35	23	25	22	42	34	48	41	49	58	64	64	54	34	37	39	37	48	57	59	59	54	....	....	41.1
	Minimum	4	9	18	16	13	18	5	15	3	2	1	20	25	30	22	23	34	30	33	25	18	21	9	6	31	37	28	36	31	....	....	19.4
Clarion[6-3 SW	Maximum	31	31	27	25	25	27	32	29	24	24	38	39	40	48	36	53	49	56	66	59	28	38	39	45	45	44	50	60	45	....	....	39.8
	Minimum	− 8	− 2	9	7	8	10	−11	8	−20	−17	− 1	30	19	25	8	13	26	23	27	14	3	16	12	19	25	31	18	36	26	....	....	12.0
Claysville	Maximum	28	31	29	34	33	30	37	35	22	30	45	37	55	57	42	57	57	64	69	58	28	38	42	54	48	53	56	66	50	....	....	44.3
	Minimum	15	10	18	19	19	15	0	13	−12	0	10	29	27	29	15	25	33	32	42	20	11	19	16	22	32	37	25	47	27	....	..	20.5
Coalport/	Maximum	34	29	28	25	23	33	31	22	23	21	35	38	51	29	37	50	50	56	67	30	31	36	38	43	47	46	54	64	35	....	..	38.1
	Minimum	2	8	14	8	7	10	6	6	− 8	0	13	16	20	11	5	16	19	26	30	18	8	10	6	8	18	38	24	25	29	....	....	13.8
Coatesville/	Maximum	2-	35	36	21	33	33	31	35	22	24	30	41	48	48	37	45	56	60	65	41	34	33	34	39	53	52	55	40	43	....	....	39.7
	Minimum	2	8	14	14	13	18	− 2	0	0	4	5	16	22	28	19	18	21	26	31	35	18	19	19	6	9	34	24	28	31	....	....	16.6
Columbia	Maximum	30	39	36	32	32	33	32	27	26	28	29	48	40	50	41	46	62	65	64	58	35	35	38	39	53	56	58	52	45	....	....	42.4
	Minimum	3	13	20	16	8	11	1	19	2	1	4	24	25	33	23	24	36	28	33	31	19	22	14	10	32	41	27	38	33	....	....	20.4
Corry	Maximum	32	30	28	27	25	23	32	29	17	23	34	34	42	50	31	48	46	48	62	58	24	37	46	49	45	40	47	57	37	....	....	38.0
	Minimum	−12	9	10	12	− 2	− 4	4	9	−17	−14	2	26	12	23	5	22	35	32	33	12	10	14	14	23	36	34	26	36	23	....	....	14.2
Coudersport	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Curwensville[1-6 NW	Maximum	26	23	23	17	22	29	27	26	17	20	31	34	44	49	32	47	47	51	62	37	26	32	32	35	42	41	48	60	33	....	....	34.9
	Minimum	0	7	6	11	3	8	0	− 1	−10	− 1	8	21	23	16	6	22	32	33	37	8	4	15	10	14	26	28	26	33	17	....	....	13.9
Derry	Maximum	32	31	27	35	32	31	40	37	21	32	46	39	57	61	42	56	56	63	70	63	31	47	42	48	49	50	55	67	49	....	....	45.1
	Minimum	15	16	20	16	24	16	− 3	16	−10	−10	20	29	27	29	18	28	42	36	54	21	12	29	21	25	38	36	30	48	28	....	....	23.1
Donegal[1]	Maximum	34	27	27	34	30	28	36	30	20	27	43	35	50	50	36	51	50	59	66	46	29	34	35	45	45	46	55	60	36	....	....	40.1
	Minimum	10	10	15	13	16	0	− 5	2	−14	− 1	11	20	24	22	16	19	34	33	35	12	8	16	14	20	34	35	24	36	20	....	....	16.5
Donora[1]	Maximum	31	33	33	36	31	34	41	25	23	29	48	44	56	58	42	59	59	66	70	50	33	39	45	55	51	58	69	70	47	....	....	46.0
	Minimum	19	19	28	23	25	25	8	23	0	9	20	36	32	34	21	29	42	36	44	25	15	24	21	28	41	48	53	47	33	....	....	27.7
Eagles Mere/	Maximum	20	28	22	18	20	28	23	23	22	20	25	34	40	40	28	38	48	47	47	24	21	22	33	29	37	39	42	37	30	....	....	30.5
	Minimum	− 6	8	12	5	4	4	7	6	− 5	− 6	− 5	11	20	21	6	8	25	31	30	22	5	5	8	9	14	20	26	28	25	....	....	11.8
East Waterford[6-3 E	Maximum	25	29	28	20	22	29	23	27	17	21	24	36	31	45	35	42	49	54	58	57	28	26	31	29	46	46	52	51	50	....	....	35.6
	Minimum	7	14	19	11	10	14	13	12	− 1	− 1	8	22	26	26	17	28	37	40	34	21	10	16	15	15	26	36	33	35	28	....	....	19.7
Ebensburg/	Maximum	33	25	24	27	29	28	31	16	22	27	34	33	49	30	44	47	47	59	64	25	31	35	36	43	46	44	53	61	31	....	....	37.0
	Minimum	2	11	14	11	11	13	4	14	− 7	2	9	22	22	28	12	21	37	35	39	16	7	16	12	16	25	38	28	38	26	....	....	18.0
Emporium/-1 E	Maximum	36	34	33	33	32	36	35	25	25	30	32	40	55	38	34	53	53	56	66	51	36	38	42	43	45	53	61	61	35	....	....	41.2
	Minimum	−15	10	10	9	− 3	− 2	− 7	7	−20	−20	−16	11	16	32	− 8	13	14	27	27	18	6	12	9	9	20	32	25	27	31	....	....	9.4
Ephrata/	Maximum	27	36	38	31	34	32	31	35	30	25	28	43	34	46	38	43	58	61	62	59	38	31	38	39	50	51	58	48	45	....	....	40.8
	Minimum	4	14	21	16	10	19	− 1	21	3	1	7	23	27	33	22	25	36	33	37	31	18	21	16	10	31	40	31	37	33	....	....	21.3
Erie[1]	Maximum	28	34	24	22	20	22	33	26	16	17	33	31	51	42	34	52	50	50	65	32	21	28	33	53	47	42	38	54	39	....	....	35.8
	Minimum	7	15	13	16	11	8	15	9	3	6	17	24	24	21	13	34	40	35	32	13	16	21	20	29	36	35	30	38	23	....	....	20.8
Everett[1-0.5 SW	Maximum	32	34	32	28	29	35	29	35	25	28	33	43	35	54	42	52	55	61	69	50	35	32	36	37	51	52	59	72	44	....	....	42.0
	Minimum	6	15	13	19	14	12	15	9	− 7	− 2	− 5	23	25	28	23	20	26	26	31	21	16	14	0	3	23	40	28	39	29	....	....	17.4
Farrell	Maximum	28	32	32	30	30	23	29	29	16	24	37	37	50	51	32	54	55	60	67	65	24	38	44	53	52	50	54	58	51	....	....	41.6
	Minimum	13	9	4	7	9	6	0	− 9	0	0	12	32	28	23	13	26	38	37	40	16	13	17	22	25	40	35	32	42	23	....	....	19.1
Ford City/-4 S	Maximum	33	31	24	29	28	29	32	21	18	25	41	48	57	34	40	55	53	59	68	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	−15	1	1	14	16	15	−10	− 9	−21	−18	−12	13	22	32	12	14	19	26	27	18	8	12	16	14	14	36	21	23	31	....	....	11.0
Franklin/	Maximum	30	32	22	28	28	26	32	19	23	29	38	36	51	35	36	50	52	59	65	23	27	40	43	48	46	45	51	60	33	....	....	38.2
	Minimum	−18	− 2	3	13	12	1	− 6	− 6	−13	−18	−11	17	21	32	9	9	21	31	31	16	10	10	16	18	24	36	25	25	32	....	....	11.8
Fredericksville-1 S	Maximum	24	32	34	28	29	30	29	32	21	20	28	40	38	46	34	41	53	56	60	59	31	30	26	34	47	47	50	40	39	....	....	37.2
	Minimum	2	9	19	11	10	15	− 3	20	− 6	1	0	24	20	30	17	17	36	26	32	25	14	18	10	2	29	34	23	32	28	....	....	17.1
Freeland	Maximum	28	27	25	21	25	25	27	25	25	22	25	35	30	44	32	38	47	49	48	50	44	30	38	29	42	38	43	37	35	....	....	33.9
	Minimum	4	13	14	6	8	12	6	10	− 4	3	1	21	18	27	10	19	32	33	31	18	8	13	12	10	23	29	26	28	20	....	....	15.6
George School[6]	Maximum	29	37	34	22	31	30	31	35	20	25	30	40	34	51	34	45	52	55	65	56	34	34	35	36	50	45	51	60	44	....	....	38.7
	Minimum	5	8	19	14	12	16	− 4	18	− 1	2	5	27	22	30	18	19	40	28	33	25	17	21	17	3	29	34	27	33	30	....	....	18.9
Gettysburg	Maximum	27	36	36	34	29	33	27	35	25	23	24	43	38	48	42	47	59	63	68	65	33	32	38	35	57	59	66	55	53	....	....	42.0
	Minimum	8	14	25	18	16	18	1	17	4	4	− 2	22	23	32	25	26	38	32	35	32	19	22	12	5	32	41	30	41	35	....	....	21.6
Gordon	Maximum	28	32	32	16	25	29	28	29	19	24	27	38	36	43	34	43	56	56	55	48	32	31	37	34	49	46	48	44	36	....	....	36.4
	Minimum	−13	8	7	7	12	10	−12	19	− 7	0	− 5	23	15	31	17	16	31	22	29	25	12	18	4	0	29	34	23	32	29	....	....	14.3
Greensburg-2 S	Maximum	33	30	31	34	33	31	38	36	20	29	44	39	55	60	41	58	56	63	70	63	31	37	40	53	48	52	57	68	55	....	....	45.0
	Minimum	14	9	19	12	22	15	− 9	12	−20	13	3	31	22	31	19	19	29	24	30	22	13	19	8	13	31	43	22	41	31	....	....	18.6
Hanover/	Maximum	29	37	37	24	29	33	27	32	22	25	29	41	46	46	43	49	63	66	70	37	37	34	38	38	55	60	62	52	48	....	....	41.7
	Minimum	1	10	18	21	15	17	11	13	6	5	5	16	28	30	25	27	32	36	39	36	19	20	17	14	17	36	32	34	34	....	....	21.2
Harrisburg Arpt.[1-3.5 S	Maximum	31	35	33	20	26	30	28	34	20	22	25	42	36	48	39	48	56	61	66	57	32	30	34	35	46	55	57	44	46	....	....	39.2
	Minimum	6	15	19	15	15	18	5	16	6	2	4	22	28	31	25	23	34	31	37	26	19	21	17	10	32	38	30	35	28	....	....	21.0
Hawley-0.5 E	Maximum	29	34	27	17	38	29	35	28	20	23	26	38	34	48	31	43	50	48	53	53	30	30	37	36	45	39	41	35	35	....	....	35.6
	Minimum	−24	1	12	3	8	6	−11	8	−11	−20	−12	25	6	30	12	4	35	25	24	21	8	18	5	− 1	27	30	28	29	21	....	....	10.6
Hewitt-2 SW	Maximum	35	36	36	35	30	32	37	36	25	35	35	48	38	52	45	56	60	65	72	64	57	37	38	39	51	58	61	72	68	....	....	46.7
	Minimum	2	10	12	10	11	11	− 5	− 2	− 5	− 5	18	15	23	28	16	28	20	47	56	7	0	0	− 6	15	23	40	45	35	....	....	15.7
Holtwood[1]	Maximum	27	36	34	28	28	33	28	34	19	23	27	39	36	48	40	44	55	61	60	54	35	30	33	37	55	53	55	41	41	....	....	39.1
	Minimum	8	14	19	17	14	10	1	12	− 2	3	5	26	25	33	24	25	31	28	36	25	21	24	19	17	33	35	30	36	29	....	....	20.6

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Huntingdon[2]	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Indiana 2 S E	Maximum	35	31	28	30	30	30	38	34	22	30	41	37	45	33	38	53	58	57	69	61	31	37	40	45	46	47	55	65	55	..	..	42.1
	Minimum	3	7	16	11	12	15	−11	16	−21	−14	7	31	20	30	13	22	27	25	29	20	9	19	10	20	31	37	21	11	28	..	..	16.3
Irwin	Maximum	34	30	30	34	33	29	36	35	30	30	43	42	51	50	40	53	56	62	68	67	28	35	44	52	51	52	54	58	50	..	..	44.2
	Minimum	15	13	20	16	20	21	− 4	20	−12	0	12	12	26	30	18	25	41	33	40	20	11	17	15	19	33	42	27	45	31	..	..	21.0
Jamestown 2 NW	Maximum	30	34	26	35	26	25	33	20	20	24	36	36	50	32	36	52	53	58	68	24	27	39	47	52	47	45	58	65	45	..	..	39.1
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Johnstown[2]	Maximum	36	32	29	32	32	32	37	24	25	29	40	40	55	35	42	55	55	65	70	33	35	36	40	45	50	50	59	68	37	..	..	42.0
	Minimum	− 1	19	21	19	20	21	5	10	− 7	− 3	2	15	30	35	22	22	26	34	35	19	15	17	16	19	27	15	35	39	32	..	..	20.2
Kane[1] 1 N	Maximum	31	27	23	23	27	27	35	23	20	25	34	37	46	50	30	52	47	51	61	35	25	33	39	43	42	40	46	51	35	..	..	36.6
	Minimum	−20	8	6	4	−11	− 8	−11	−20	25	−24	− 5	9	11	16	− 5	11	28	25	30	10	4	10	4	15	27	29	24	34	17	..	..	6.7
Lancaster	Maximum	29	37	36	32	31	33	29	36	28	24	30	42	40	46	39	45	55	60	62	60	35	34	35	37	55	52	57	52	45	..	..	41.2
	Minimum	2	11	12	10	1	11	6	14	− 9	− 3	8	23	18	31	20	17	31	23	29	32	18	21	8	4	30	37	25	36	29	..	..	16.7
Lawrenceville	Maximum	31	38	25	19	26	31	37	28	21	24	27	40	35	46	35	45	52	48	55	52	29	36	37	39	44	41	44	43	41	..	..	36.9
	Minimum	−25	3	9	8	7	− 8	− 8	10	−18	−21	−11	13	8	26	3	13	34	23	26	19	6	18	5	10	30	30	30	33	20	..	..	10.2
Lebanon	Maximum	27	37	33	18	33	35	32	32	29	23	26	40	42	44	38	44	54	61	58	37	33	34	37	36	47	52	57	12	41	..	..	38.7
	Minimum	0	1	12	14	14	17	1	3	2	0	1	14	25	30	22	22	25	28	32	35	17	19	13	10	15	33	29	34	33	..	..	17.3
Lewistown 2 SW	Maximum	33	37	34	23	30	37	35	32	23	26	25	43	48	....	41	49	58	60	66	38	34	36	40	39	50	53	60	58	41	..	..	41.0[6]
	Minimum	−14	− 3	18	16	11	13	0	− 1	− 6	− 8	− 6	7	24	31	...	21	21	26	30	31	17	17	16	13	12	30	33	32	36	..	..	14.9[6]
Lock Haven	Maximum	15	29	26	22	19	17	35	28	28	28	25	28	42	42	32	30	40	58	41	62	60	48	32	32	48	40	47	52	41	..	..	36.1
	Minimum	− 5	16	21	13	9	15	0	0	− 6	−12	− 7	2	22	25	14	16	30	32	31	30	30	15	11	11	22	30	29	28	30	..	..	16.3
Marcus Hook	Maximum	32	42	40	27	34	37	36	41	23	28	35	45	51	50	43	49	64	68	67	56	35	35	33	44	51	49	60	42	50	..	..	43.7
	Minimum	10	13	26	22	17	23	15	20	11	10	12	19	31	31	33	29	31	35	37	44	22	24	25	21	23	35	34	37	32	..	..	24.9
Martinsburg[1,5]	Maximum	28	28	27	24	22	30	27	32	18	24	28	37	34	50	38	50	50	58	65	51	30	29	37	34	47	47	54	60	39	..	..	38.1
	Minimum	− 1	12	14	15	10	13	2	6	− 7	− 4	7	24	25	26	20	28	35	35	33	18	12	18	6	7	26	36	32	38	27	..	..	17.7
Meadville 1 S	Maximum	28	32	23	30	27	25	31	19	18	28	36	35	50	30	36	49	50	56	63	20	25	24	45	49	44	41	49	51	31	..	..	36.0
	Minimum	− 4	3	11	13	5	− 7	− 3	12	−16	− 9	11	28	15	29	− 2	23	36	27	31	14	10	16	15	21	34	35	24	42	29	..	..	15.3
Mercer[1] 2 5 NE	Maximum	28	30	25	27	26	21	29	26	17	24	36	37	47	48	35	50	49	56	64	31	24	36	41	50	44	43	49	59	36	..	..	37 4
	Minimum	6	2	11	13	10	3	1	− 1	−10	− 1	13	21	23	18	6	24	34	31	31	9	7	15	18	22	34	28	25	34	16	..	..	15.3
Middletown[1] 1.5 W	Maximum	28	36	34	20	28	32	28	33	23	24	24	42	34	47	39	46	56	61	65	56	33	34	34	36	45	51	57	41	44	..	..	39.1
	Minimum	3	10	17	16	10	13	3	11	1	− 2	3	22	27	32	25	23	32	29	35	24	19	20	14	16	32	39	28	33	29	..	..	19.2
Midland[6]	Maximum	30	33	29	32	30	26	33	31	20	25	41	38	48	52	38	55	54	59	66	45	28	37	42	50	47	47	51	64	42	..	..	41.2
	Minimum	19	10	15	18	15	10	5	5	6	5	16	29	28	27	19	25	34	31	37	16	15	24	19	24	37	36	32	41	26	..	...	21.1
Montrose 3 E	Maximum	24	32	18	12	21	28	25	22	11	20	27	33	45	43	22	39	45	40	48	22	29	28	35	31	39	38	38	36	24	..	..	30.2
	Minimum	−11	− 7	10	2	5	0	0	9	− 7	−10	− 7	9	15	18	5	6	21	30	29	20	5	5	7	9	11	28	28	26	22	..	..	9.6
Mt. Pocono[1] 2 N	Maximum	28	32	22	17	29	27	25	24	14	21	31	31	37	44	26	37	47	45	49	49	30	24	24	32	42	37	38	33	34	..	..	32 5
	Minimum	− 5	10	3	4	8	10	− 1	0	− 4	− 3	1	12	11	18	9	15	27	27	30	11	8	14	7	2	26	30	26	27	12	..	..	11.6
New Castle[6] 1 5 N	Maximum	31	34	29	30	30	25	30	30	22	27	39	37	51	51	40	54	53	61	66	43	27	42	43	51	46	48	51	62	41	..	..	41.2
	Minimum	12	3	12	16	8	1	− 5	− 2	−13	− 6	7	2	25	25	9	21	31	29	32	13	9	13	19	23	31	28	24	38	23	..	..	15 5
Palmerton[1]	Maximum	25	35	29	14	30	29	27	31	21	22	26	43	34	45	33	41	53	54	54	49	32	31	32	32	49	45	46	38	40	..	..	35.8
	Minimum	− 6	9	13	11	11	10	− 2	10	− 5	− 4	3	23	18	28	20	14	29	27	31	20	17	19	10	1	31	35	28	33	22	..	..	15.8
Park Place[1] 1 NW	Maximum	25	28	25	16	21	26	24	24	13	18	27	33	32	44	28	38	47	50	51	50	28	28	31	28	44	42	44	35	35	..	..	32 4
	Minimum	1	14	10	7	9	11	8	8	− 3	− 1	6	22	19	21	12	19	34	33	32	12	8	14	12	9	25	30	27	28	14	..	..	15.0
Phila Arpt.[1] 7 SW	Maximum	29	37	35	24	30	34	32	35	19	21	33	43	39	52	38	49	58	61	68	54	34	31	32	40	50	47	54	40	45	..	..	40.2
	Minimum	10	20	22	17	15	20	10	15	6	9	16	31	28	34	25	24	36	33	36	25	20	25	20	17	32	36	31	36	27	..	..	23.3
Philadelphia C.O.[1]	Maximum	30	38	36	24	30	32	30	36	20	25	33	44	39	53	39	49	58	61	68	56	34	31	32	40	52	49	55	40	44	..	..	40 6
	Minimum	12	24	24	18	17	25	21	18	12	10	16	32	30	35	28	29	42	38	39	26	22	25	24	22	33	39	36	35	29	..	..	26.2
Phila. Shawmont	Maximum	27	37	35	32	32	33	33	35	28	25	30	43	38	51	40	48	55	58	64	64	33	35	35	39	52	49	53	48	42	..	..	41.2
	Minimum	17	15	21	17	15	21	15	21	6	6	21	29	25	33	24	24	36	28	33	32	22	20	20	10	32	34	27	32	39	..	..	23.3
Philipsburg[1] 7 E	Maximum	25	25	23	17	23	28	27	29	19	18	25	35	35	50	32	42	50	51	59	46	27	30	31	32	45	44	50	61	35	..	..	35.0
	Minimum	−10	10	3	9	5	10	−18	− 1	−23	−15	9	10	16	19	10	25	25	29	39	12	5	17	4	15	24	30	23	35	19	..	..	12.1
Phoenixville 1.5 SE	Maximum	45	45	35	33	33	34	34	37	30	30	29	43	42	48	42	47	56	70	74	75	54	41	42	42	63	64	63	74	52	..	..	47.6
	Minimum	15	7	− 3	12	14	18	−10	17	− 9	1	− 5	27	20	32	19	16	34	25	29	33	18	24	12	1	32	38	23	37	29	..	..	17.4
Pittsburgh Arpt.[1] 7.5 SE	Maximum	30	30	28	33	27	29	35	32	17	27	41	38	54	55	40	56	56	65	68	46	27	34	38	54	48	50	54	64	40	..	..	42.0
	Minimum	15	13	18	18	21	19	10	10	1	4	17	31	30	27	21	31	42	40	46	15	12	21	19	23	42	38	36	39	24	..	..	23.6
Pittsburgh City Office[1]	Maximum	31	33	30	34	30	32	37	34	20	28	45	40	57	57	42	58	58	65	70	44	30	37	40	53	50	51	56	65	42	..	..	43.8
	Minimum	19	17	20	20	23	17	11	12	3	8	20	33	32	30	23	30	41	43	44	18	14	24	24	27	44	41	34	42	25	..	..	25.6
Port Clinton	Maximum	30	25	30	29	29	32	28	32	19	24	26	40	46	48	33	42	53	55	58	37	31	33	30	34	49	48	50	44	36	..	..	36.9
	Minimum	− 5	8	10	12	12	15	− 7	15	− 6	− 3	4	13	19	27	21	19	23	23	34	33	16	18	11	4	6	32	25	26	32	..	..	15.1
Putneyville[2] 2.5 SE	Maximum	....	....	25	25	27	30	34	20	17	25	40	37	52	33	38	52	50	56	67	....	31	35	38	46	46	45	53	65	35	..	..	39.3[6]
	Minimum	−10	4	10	7	8	6	−10	−10	−20	−12	−10	12	18	28	6	6	29	26	26	12	3	10	11	12	19	34	19	21	26	..	..	9.7
Quakertown 0.5 E	Maximum	21	34	32	28	28	28	31	34	24	18	26	41	38	46	38	43	52	54	60	57	30	30	33	34	48	47	46	43	40	..	..	37.3
	Minimum	− 4	2	18	9	9	16	− 9	18	− 5	− 2	− 9	24	14	29	19	14	34	23	32	25	15	18	8	− 4	29	34	26	32	31	..	..	15.4
Reading[1]	Maximum	29	37	35	22	31	32	31	35	23	25	26	42	39	48	36	46	56	62	65	56	36	33	34	36	51	51	56	42	42	..	..	39.9
	Minimum	5	17	22	15	15	16	6	16	7	8	8	26	27	33	25	25	42	37	39	26	20	23	19	11	32	37	34	35	27	..	..	22.5
Ridgway	Maximum	35	28	27	23	31	33	37	23	24	30	36	38	52	34	34	52	53	57	65	29	29	39	41	46	44	43	51	60	35	..	..	38.9
	Minimum	−25	−11	9	7	− 8	− 9	−10	−11	−24	−24	−14	16	32	33	3	3	16	26	28	17	5	5	10	10	20	35	20	23	31	..	..	7.3
Scranton[1]	Maximum	26	32	25	15	22	26	29	28	15	21	30	38	38	47	29	47	51	47	58	54	28	29	33	38	43	43	42	38	40	..	..	34.9
	Minimum	− 5	17	13	11	13	13	6	7	2	0	5	23	18	24	16	18	37	34	34	18	14	19	17	14	33	35	34	33	19	..	..	18.0
Selinsgrove	Maximum	28	35	34	22	25	30	28	32	19	24	23	35	34	46	35	44	52	58	58	57	31	33	39	36	45	50	50	43	41	..	..	37.6
	Minimum	−12	7	7	10	11	8	−13	10	−14	−13	−10	21	12	33	21	11	35	26	29	28	15	21	25	8	32	34	38	38	32	..	..	15.5
Shippensburg	Maximum	30	35	35	30	29	30	28	35	22	25	21	44	40	47	40	44	57	63	58	58	34	36	37	36	50	56	59	55	55	..	..	41.0
	Minimum	4	15	25	15	12	17	5	22	3	0	1	20	26	31	32	21	34	34	33	28	18	21	10	7	30	37	34	39	34	..	..	21.0
Somerset	Maximum	33	30	28	33	34	29	35	35	20	25	36	38	45	52	40	53	53	60	65	59	34	32	35	41	47	49	57	65	52	..	..	41.9
	Minimum	11	12	18	9	20	21	− 9	12	−22	−18	− 4	28	21	28	26	18	35	25	30	20	12	17	3	18	30	40	25	42	28	..	..	16.9
Springs[6] 1 SW	Maximum	33	26	25	34	32	26	35	35	17	21	38	38	48	51	37	51	50	57	63	56	32	26	30	38	45	49	56	63	48	..	..	40.0
	Minimum	3	12	13	11	22	18	5	8	−12	−10	− 1	26	25	24	17	19	30	29	33	17	10	16	3	11	25	38	25	45	25	..	..	16.8
State College[1]	Maximum	28	29	28	20	24	33	29	31	17	24	26	39	40	50	38	49	51	57	63	52	29	32	34	37	48	48	54	58	40	..	..	38.2
	Minimum	− 2	13	16	14	8	15	8	10	− 3	− 3	7	23	23	23	16	22	37	37	36	19	13	20	13	17	29	37	33	40	25	..	..	18.8
Stroudsburg[2] 2 E	Maximum	28	29	38	31	30	33	31	33	34	25	24	31	42	49	47	39	43	55	55	54	34	33	35	36	49	42	49	38	....	..	..	38.0
	Minimum	4	16	9	11	16	− 5	20	− 8	− 8	− 1	7	15	22	14	10	25	23	39	32	9	21	8	2	17	33	29	33	31	12	..	..	15.0
Sunbury[1]	Maximum	25	34	32	21	25	29	30	31	23	24	22	35	34	43	35	44	53	57	56	52	32	34	36	35	45	46	47	43	42	....	....	36.7
	Minimum	−10	14	15	14	11	− 2	− 9	9	− 9	−10	− 5	17	16	34	18	15	29	28	31	20	15	21	16	13	33	35	26	38	21	....	....	15.3
Tamarack 2 S	Maximum	29	29	26	16	24	32	27	23	18	20	30	36	46	35	32	43	48	52	56	27	27	32	33	35	40	39	49	56	30	....	....	34.1
	Minimum	− 8	4	8	7	2	2	5	5	− 7	− 5	− 3	7	22	25	6	6	23	35	35	17	4	4	9	10	13	33	27	27	26	....	....	11.7
Tionesta 1.5 SE	Maximum	32	30	20	27	30	26	32	18	21	30	37	35	52	31	34	50	48	55	64	22	27	38	41	46	44	43	54	69	33	....	....	37.6
	Minimum	−15	−14	0	10	3	− 2	−11	3	−23	−20	−14	12	13	30	4	6	15	27	29	13	6	2	10	13	24	33	20	23	29	....	....	7.8
Titusville[2] 2 S	Maximum	29	29	27	28	28	24	30	29	17	27	34	34	41	49	34	49	46	55	63	60	24	36	42	47	45	41	47	57	41	....	....	38.4
	Minimum	− 4	6	10	9	3	− 2	− 1	10	−12	−10	13	26	15	25	2	21	34	30	39	11	7	12	14	21	32	33	24	39	26	....	....	14.9
Towanda 1 E	Maximum	20	37	28	18	26	31	34	29	20	24	29	40	36	47	33	45	52	48	58	55	30	33	37	40	45	44	46	39	41	....	....	36.7
	Minimum	−23	4	11	5	5	− 2	− 7	7	−15	−18	−12	27	9	28	10	13	35	28	27	21	9	19	5	8	28	31	28	32	21	....	....	11.5
Tunkhannock	Maximum	31	39	23	19	20	27	31	27	17	23	34	38	51	49	33	46	51	48	58	26	29	31	38	38	42	43	42	40	30	....	....	35.3
	Minimum	−22	−16	13	2	7	0	−10	− 4	−13	−16	−11	17	9	20	9	12	30	28	26	23	10	15	5	4	16	30	28	31	24	....	....	9.2
Uniontown	Maximum	33	32	31	35	34	32	40	37	24	37	47	41	58	62	44	60	61	67	71	65	33	43	45	55	49	57	62	71	57	....	....	47.7
	Minimum	17	16	23	23	24	23	7	20	1	8	21	35	31	33	23	25	45	36	42	24	15	22	24	27	43	46	29	49	34	....	....	26.4

Continued on page 16.

Daily Temperatures for February 1948—Continued from page 15.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	35	33	30	29	29	28	35	33	21	30	35	38	42	39	52	53	51	54	65	59	68	32	45	49	43	40	48	60	35			41.8
	Minimum	10	8	14	12	0	−3	−1	10	−13	−13	4	26	17	20	4	18	33	27	32	11	10	14	13	22	30	32	25	27	28			14.4
Waynesburg	Maximum	31	31	30	36	35	34	39	39	24	31	49	42	56	57	43	57	58	65	69	67	31	40	43	56	54	54	59	67	60			46.8
	Minimum	6	11	17	18	20	22	−5	18	−12	−8	3	30	25	29	19	20	28	26	29	21	12	18	9	17	29	42	21	19	30			17.7
Wellsboro/	Maximum	35	33	24	19	26	32	35	23	18	23	27	38	48	40	34	45	49	48	54	27	30	32	34	38	43	43	47	46	29			35.2
	Minimum	−25	−22	12	6	6	−3	−8	1	−18	−21	−21	12	8	20	5	5	23	25	26	19	5	5	2	2	15	32	25	31	29			6.8
Wellsville	Maximum	28	37	35	29	28	30	30	34	25	22	24	48	39	47	41	45	56	61	66	58	32	31	33	36	51	56	58	53	44			40.6
	Minimum	1	1	7	9	13	15	−7	10	−1	−9	−9	21	21	32	24	18	33	24	30	30	18	21	8	2	31	39	28	38	32			16.6
West Chester	Maximum	26	37	36	28	35	34	32	35	20	22	30	43	34	46	37	48	55	59	65	56	34	31	35	40	53	48	54	45	43			40.0
	Minimum	7	17	22	16	13	22	7	20	5	5	12	27	28	34	22	40	38	33	37	29	19	22	19	14	31	39	29	36	30			23.2
Wilkes-Barre Arpt. 1-3N.	Maximum	25	31	26	14	23	24	29	26	15	20	29	37	37	44	31	42	50	46	56	53	29	28	34	35	40	40	40	37	38			33.8
	Minimum	−10	13	9	9	12	8	0	6	−3	−8	3	18	18	24	12	19	31	33	34	16	13	18	12	11	29	34	31	33	17			15.2
Williamsport Arpt. 1-4 E	Maximum	24	32	28	21	26	31	26	30	22	25	22	40	35	44	34	41	54	56	55	43	31	36	39	34	36	44	48	40	40			35.8
	Minimum	−11	10	10	13	5	1	−3	−1	−7	−11	−2	18	17	25	15	18	27	23	32	18	14	16	10	10	30	32	25	36	22			13.5
Williamstown	Maximum	31	35	36	26	28	29	32	36	24	27	27	39	38	45	35	44	53	52	58	57	35	33	38	36	49	51	54	51	43			39.4
	Minimum	12	10	22	10	14	13	−3	21	4	5	−2	21	20	31	20	20	35	28	31	27	15	20	8	2	30	38	30	35	31			18.9
York-3 SW.	Maximum	31	37	35	34	30	33	30	34	26	25	24	40	40	50	42	49	61	64	70	66	36	35	37	38	57	59	60	57	44			42.9
	Minimum	4	8	17	15	17	14	−3	18	−6	−4	−5	23	23	33	23	24	37	28	32	33	20	23	9	6	32	41	27	42	30			19.3

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level) Highest	Date	Lowest	Date	Wind** Average hourly velocity	Maximum velocity*	Direction	Date	Relative Humidity 7:30 a. m.	1:30 p. m.	7:30 p. m.	Percentage of sunshine	Degree days
Erie	30.67	24	29.13	14	9.0	28	se.	28	85	72	80	40	1064
Harrisburg	30.89	24	29.31	14	7.6	34	nw.	14	77	60	64	63	1011
Philadelphia	30.90	24	29.29	14	8.3	21	nw.	29	86	64	73	56	914
Philipsburg	30.79	24	29.24	14	.....	40	wsw.	14	83	61	73	.....	1198
Pittsburgh	30.60	24	29.21	14	10.8	36	sw.	14	77	59	63	52	935
Reading	30.93	24	29.31	14	10.7	43	se.	19	77	.....	.....	49	982
Scranton	30.88	24	29.22	14	6.9	32	nw.	14	73	60	.....	52	1115

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. ▪ One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	5.2	10.2	18	3.5	29	18
Easton	Delaware	3.1	9.4	20	0.6	5	22
Lehighton	Lehigh	4.0	9.1	21	3.9	26†	9
Reading	Schuylkill	5.4	9.6	20	3.4	10	13
Wilkes-Barre	N. Br. Susquehanna	5.0	14.2	21	2.1	12	22
Williamsport	W. Br. Susquehanna	3.9	10.4	20	0.9	13	20
Newport	Juniata	5.6	11.0	18	4.3	13	22
Harrisburg	Susquehanna	4.9	9.6	21	3.5	15	17
Schenley, (nr) Lock No. 5.	Allegheny	15.6	24.1	20	12.0	11	24
Sutersville	Youghiogheny	8.3	16.5	14	4.1	10	20
Charleroi (nr.), Lock No. 4	Monongahela	15.6	34.8	15	11.3	3	30
Pittsburgh	Ohio		24.6	15	▪		25
Midland, Dam No. 7	Ohio		32.2	15	12.0	9	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																															
Fog, heavy								3			3	7	20	12												14	17	3	15		
Frost, killing																															
Glaze								1			11	6	30	5												2	1		6	1	
Hail																													2		
Rain, heavy																															
Sleet								3			3	1	14													4	6	4			
Snow, heavy																															
Thunderstorms																			13										6		
Winds, high		5	4			4			24				8	34	10		8	5	21	14				6	7	14	8	26	21		

(W. B. O., Philadelphia—5-25-48—1100)

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
▪ Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

1.05
VP

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER

HARRISBURG, PA.

VOL. LIII. MARCH 1948. No. 3.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

The temperature averaged well below normal for the first two weeks of March, then suddenly spring came about a week ahead of schedule. About the 14th, the temperature rose above normal, and the remaining half of the month, with few exceptions, was fairly mild for March. The premature warm spell reached a climax on the 21st, Palm Sunday. However, Easter, on the 28th, was marred by cold, blustery weather, with light snow in nearly all sections.

Precipitation was 6% more than normal, and very evenly distributed throughout the month. In fact, rain was so general during the last half of the month that little soil preparation was accomplished on farms or in gardens. Snowfall was only 65% of normal, and was all confined to the first 12 days of the month, except for light snow over practically all sections on the 28th. This did not remain on the ground, but melted mostly as it fell. Snow cover was nonexistent after the 14th, except for patches at some high elevations.

The principal storm damage reported was caused by a tornado which struck Mt. Pleasant community in Westmoreland County, about 7:30 p.m. on the 19th. Three children sustained minor injuries, due mostly to flying glass; more than a dozen houses were reported damaged. The Ralph Ferrell Concrete Block factory and the I. F. Koontz Concrete factory were wrecked. Utility lines were blown down. Damage was estimated at many thousands of dollars. Heavy rain of cloudburst proportions occurred at nearby Scottsdale, but damage was limited to flooded streets and cellars. The storm occurred during the passage of a cold front and an associated squall line which preceded the front.

Flooding occurred on most streams of the Commonwealth. The North Branch of the Susquehanna River went out of its banks at Towanda, Wilkes-Barre and Danville on the 23d-24th, due to moderate to heavy rainfall through the 16th-24th, following excessive snow melt during the second week of the month. Lowlands were flooded, and a highway bridge between Wyoming and Port Bowkley was damaged as a pier sagged due to the pressure of the flood waters. Hundreds of families were driven from their homes. It is estimated that several thousand anthracite mine workers were idled temporarily. At Harrisburg, flood stage was not reached, but some interruption was caused in local steel mill operations. High water on the Delaware River on the 22d and 23d caused very little damage or inconvenience to traffic. Considerable damage resulted from flooding on the Upper Allegheny River Basin on the 22d-25th. Three bridges were down near Cambridge Springs, Crawford County.

TEMPERATURE.

The average temperature for the State as deduced from the reports of 86 stations was 39.9°, which is 2.1° above the 61-year normal for March. The highest monthly mean was 47.4° at Uniontown and the lowest was 31.8° at Montrose. Extremes ranged from a maximum of 90° at Phoenixville on the 22d to a minimum of −18° at Albion and Greenville on the 12th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 203 stations, was 3.71 inches, which is 0.20 inch above the 61-year normal for March. The greatest monthly amount was 7.49 inches at Youngsville, while the least was 1.54 inches at Butler. The greatest amount recorded in any 24 consecutive hours was 3.12 inches at Meadville on the 21-22d.

The average snowfall for the State was 5.0 inches, which is 2.7 inches below the 61-year normal. The greatest monthly snowfall was 19.5 inches at Montrose. The greatest fall for any observational day was 10.0 inches at Lawrenceville on the 11th.

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	31.2	72	−6	3.55	9.9	11	6	10	13
1889	39.0	76	4	2.90	3.1	9	10	8	15
1890	33.2	76	−21	5.15	17.5	16	6	10	15
1891	33.8	60	−14	5.10	15.8	14	7	8	16
1892	31.8	66	−4	4.14	18.8	12	11	7	13
1893	34.8	74	3	2.52	4.8	11	9	9	13
1894	43.2	84	−2	1.63	1.3	8	12	11	8
1895	33.8	70	−4	2.31	9.0	11	10	10	11
1896	30.6	69	−18	4.51	21.1	11	11	8	12
1897	39.0	75	−5	3.22	3.4	13	11	7	13
1898	44.0	83	4	4.31	3.6	12	10	8	13
1899	36.3	75	3	4.87	7.9	14	5	9	17
1900	31.2	66	−23	3.61	13.1	10	10	9	12
1901	37.4	80	−11	4.14	3.3	13	7	10	14
1902	41.3	78	2	3.98	12.6	11	10	9	12
1903	46.4	83	14	4.52	0.1	11	10	7	14
1904	36.0	80	−2	4.29	4.7	12	9	8	14
1905	39.0	86	−18	3.86	4.1	11	12	8	11
1906	31.7	68	−13	4.46	20.4	14	8	7	16
1907	41.8	92	−10	4.26	9.3	12	11	8	12
1908	40.7	83	−4	4.76	3.7	12	11	8	12
1909	35.6	74	−5	3.07	7.3	12	10	9	12
1910	44.9	88	5	0.56	1.0	5	15	10	6
1911	35.0	73	−18	2.57	10.1	13	11	8	12
1912	33.6	72	−8	5.05	6.9	13	10	8	13
1913	42.1	81	−7	5.27	2.1	13	9	8	14
1914	34.2	79	−12	2.61	13.4	10	10	8	13
1915	32.9	62	−4	1.28	9.5	7	15	8	8
1916	30.7	84	−31	4.12	17.6	12	12	8	11
1917	37.3	84	−12	3.68	12.7	14	11	8	12
1918	41.6	82	0	2.34	1.5	8	17	7	7
1919	41.1	79	6	3.57	2.4	10	15	7	9
1920	38.7	80	−11	2.83	6.4	9	16	7	8
1921	48.0	88	7	3.33	1.0	14	12	9	10
1922	40.0	81	−5	4.37	6.1	14	11	6	14
1923	37.0	80	−8	2.49	6.2	11	13	8	10
1924	36.1	78	3	2.83	10.3	9	12	9	10
1925	40.9	79	−15	2.56	2.2	10	14	6	11
1926	33.1	79	−16	1.91	4.0	10	14	8	9
1927	42.0	82	−6	2.61	0.7	10	13	7	11
1928	37.0	82	−3	3.24	14.5	11	12	9	10
1929	43.7	89	−5	2.69	4.4	12	12	8	11
1930	37.9	78	−9	3.03	4.9	10	13	7	11
1931	36.3	69	10	2.96	6.6	11	8	7	16
1932	33.4	72	−8	4.41	14.7	11	10	8	13
1933	36.6	79	−7	5.33	5.6	14	8	7	16
1934	34.9	78	−22	2.96	7.7	12	12	7	12
1935	42.8	83	−6	2.62	2.9	12	11	7	13
1936	42.6	84	−3	6.84	7.4	15	9	7	15
1937	34.2	67	−3	2.00	8.3	10	11	8	12
1938	42.7	87	−5	3.19	2.0	14	10	8	13
1939	38.6	85	−10	3.59	3.8	12	11	8	12
1940	32.4	76	−13	4.89	7.9	14	8	7	16
1941	31.8	67	−10	2.10	18.0	9	13	7	11
1942	40.0	76	4	4.47	16.1	13	9	8	14
1943	37.2	85	−15	2.74	7.2	10	11	9	11
1944	34.4	79	−6	4.69	11.8	14	8	9	14
1945	48.0	91	5	3.88	2.1	14	13	8	10
1946	47.1	84	6	3.18	0.3	11	13	7	11
1947	31.8	67	−8	2.27	12.6	12	7	10	14
1948	39.9	90	−18	3.71	5.0	14	10	8	13
Period	37.8	92	−31	3.51	7.7	12	11	8	12

Climatological Data for March 1948

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 9.4 NE	Lehigh	384	7	40.3	+2.6	74	21	7	6	3.76	+0 31	1.15	26–27	3.5	11	8	9	14	s.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	62	41.2	+3.8	77	21	5	5	4.55	+1.33	1.11	19–20	1.0	16	11	16	4	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	990	6	40.4	....	85	21	3	6	1.84	.....	0.52	6–7	1.0	12	13	5	13	s.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	8	33.2	.....	68	21	− 3	5†	3.82	.....	0.71	22	13.5	13	13	5	13	w.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	79	43.2	+4.4	83	21	9	5†	2.44	−1.08	0.52	19	2.0	9	14	7	10	sw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	52	43.0	+3.0	85	21	10	6	3.97	+0.71	0.85	6–7	2.6	12	11	10	10	s.	Charles A. Bender.
Coatesville	Chester	431	60	41.0	+1.1	85	21	6	6	3.26	−0.87	0.68	2–3	1.5	13	13	5	13	w.	Philadelphia Electric Co.
Curwensville Apt-6 NW	Clearfield	2,215	5	35.8	.....	73	21	− 3	12	3.81	.....	0.83	16†	3.5	16	6	6	19	se.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	6	32.8	.....	68	21	− 5	5†	4.64	−0.04	0.78	2	18.3	14	10	5	16	w.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	10	39.0	.....	75	21	3	5	2.94	−0.50	0.56	15–16	4.0	14	6	8	17	sw.	U. S. Weather Bureau.
Emporium-1 E.	Cameron	1,100	61	36.0§	−0.7	.....	.....	−11	12	4.05	+0.41	1.41	19	5.5	16	16	0	15	se.	R. E. Palmateer.
Ephrata	Lancaster	365	50	44.3	+4.0	81	21	10	5	3.01	−0.45	0.52	2	.....	11	11	8	12	w.	Wm. W. Halligan
Everett-0.5 SW	Bedford	1,020	25	41.0	+1.4	84	21	9	6	3.10	−0.29	0.95	23	4.0	13	9	5	17	n	Penna. Turnpike Comm
Freeland	Luzerne	1,970	54	36.2	+3.2	70	21	− 4	5	3.40	−0.56	0.72	19	4.3	14	8	1	22	w.	Andrew B. Evansha.
George School	Bucks	144	41	41.6	+1.0	81	21	7	5	3.88	+0.43	0.94	26–27	1.5	15	13	5	13	nw.	George M. Hart.
Gettysburg	Adams	553	74	45.5	+5.0	85	21	12	6	4.07	+0.74	1.07	27	T.	10	14	7	10	s.	Hugh C. McIlhenny.
Gordon	Schuylkill	900	43	38.3	+1.5	73	21†	− 4	6	3.94	−0.01	1.15	16	8.0	12	8	9	14	e.	Miss Sallie M. Johnson.
Hanover	York	600	43	44.0	+2.0	84	21	12	5	2.81	−0.59	0.64	6–7	T.	13	15	4	12	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	78	43.0	+4.1	83	21	11	5	3.34	+0.30	1.48	31–1	0.9	12	8	6	17	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	37	36.0	+1.6	70	22†	−14	6	3.09	−0.10	0.68	21	9.9	14	15	9	7	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	32	43.0	+1.8	80	21	14	5†	2.66	−0.43	0.56	2–3	1.0	12	10	4	17	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	60	41.4[9]	+2.7	82	21	8	6	2.82	−0.73	0.93	19	4.0	12	15	9	7	w.	J. W. Shilling.
Lancaster	Lancaster	255	60	44.2	+4.3	84	21	10	5†	2.91	−0.58	0.69	2–3	T.	13	14	7	10	sw.	Lancaster Water Bureau.
Lawrenceville	Tioga	996	50	36.7	+2.0	72	27	−11	12	4.53	+2.10	1.96	21–22	15.0	12	12	7	12	n.	Carlos P. Darling.
Lebanon	Lebanon	469	63	41.8	+2.6	79	21	9	5	3.64	+0.01	0.70	27–28	1.2	12	11	12	8	e.	Lebanon Valley Gas Co.
Lewistown-1 W.	Mifflin	580	9	41.5	.....	82	21	10	6	2.85	.....	0.73	15–16	4.3	11	5	13	13	ne.	American Viscose Co.
Lock Haven	Clinton	557	56	39.6	+1.1	73	22	− 4	12	.....	.....	.....	.....	9.5	....	21	4	6	nw.	Samuel C. Dickey, Jr.
Marcus Hook	Delaware	12	20	45.1	+0.2	84	21†	14	5	3.98	+0.32	0.75	2–3	0.4	16	9	2	20	e.	Sun Oil Co.
Martinsburg[8]	Blair	1,493	5	40.8	.....	80	21	8	5	2.96	.....	0.60	31	2.4	15	6	9	16	s.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	42	31.8	−0.1	66	27	− 8	5	4.36	+1.56	0.85	21	19.5	14	10	2	19	s.	Harry S. Fancher
Mt. Pocono Arpt.-2 N.	Monroe	1,914	6	33.6	+1.7	70	21	− 3	5	4.42	+0.56	0.83	2	10.1	14	7	7	17	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	29	38.8	+0.5	72	22	3	6	3.56	+0.47	0.81	16	5.4	12	12	8	11	ne.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	77	44.8	+4.0	84	21	12	5	4.14	+0.75	0.91	2–3	2.2	14	9	6	16	s.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	5	35.0	.....	75	21	− 8	12	4.47	.....	1.02	19	4.2	17	6	4	21	s.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	38	46.6	+5.3	90	22	7	6	3.72	+0.07	0.84	2–3	4.6	13	13	10	8	nw.	Phila.-Suburban Water Co.
Port Clinton‡‡	Schuylkill	407	9	38.6	+0.1	72	21	5	6	3.80	−0.07	0.88	19	5.0	13	14	6	11	.....	Earl E. Rarick.
Quakertown-0.5 E.	Bucks	480	62	41.6	+4.1	80	21	5	5†	3.55	−0.10	0.80	2	0.5	13	11	10	10	s.	John E. Benner.
Reading	Berks	273	77	44.0	+3.4	80	21	11	5	3.94	+0 42	1.07	26 27	0.9	13	8	9	14	se.	U. S. Weather Bureau.
Scranton	Lackawanna	746	53	39.0	+3.3	71	22†	0	6	3 54	+0.34	0.81	21	7.8	12	8	9	14	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	57	41.6	+2.9	73	21	5	6	3 16	−0.53	0.77	19	.....	13	7	10	14	n.	Selinsgrove Arpt
State College	Centre	1,217	62	40.6	+4.2	77	21	8	5†	3.81	+0.45	0.73	31	5.1	17	8	5	18	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	28	.....	.....	73	22†	.....	.....	3.36	−0.42	0.62	16	7.0	11	14	5	12	ne.	Metropolitan Edison Co.
Sunbury	Northumberland	443	2	39.9	.....	73	21	7	6	4.11	.....	0.78	31	8.7	13	7	6	18	n.	U. S. Weather Bureau.
Tamarack-2 S.	Clinton	2,250	7	33.8	.	75	27	− 2	5†	3.83	.....	0.77	21	10 2	15	9	8	14	w.	James E. Swartz.
Towanda-1 E	Bradford	754	53	37.3	+2.1	70	21†	−12	13	3.21	+0.54	0.64	23–24	12.4	15	9	10	12	ne.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,319	77	33.4	+1.5	77	20	−12	12†	3.13	+0.14	0.77	21	10.6	16	9	7	15	s.	M. S. Bliss.
West Chester	Chester	440	98	44.0	+4.7	84	21	10	5†	3.43	−0.52	0.68	2	2 5	13	9	6	16	s.	Clyde T. Saylor.
Wilkes-Barre Apt.-3N.	Luzerne	544	9	38.0	.....	69	27†	− 2	6	3.51	+0.60	0.74	19	8.1	14	5	8	18	sw.	U. S. Weather Bureau.
Williamsport Apt.-4E.	Lycoming	520	3	38.3	.....	73	27	1	6†	3.24	.....	0.97	31	10.1	13	10	3	18	nw.	U. S. Weather Bureau.
Williamstown	Dauphin	775	31	42.0	+3.2	77	21	2	6	3.33	+0.08	0.99	15–16	.....	10	3	19	9	.....	Gordon E. Lower.
York-3 SW	York	390	59	45.6	+4.7	86	21	10	6	3.70	+0.40	0.71	27	.....	13	13	8	10	nw.	York Water Co.
Division mean		....	....	**40.0**	**+1.5**	**90**	**22**	**−14**	**6**	**3.55**	**+0.23**	**1.95**	**21–22**	**5.5**	**13**	**10**	**7**	**14**	s.	
Ohio Drainage																				
Blairsville-6 NE.	Westmoreland	2,048	12	40.4	.....	75	21	3	5†	3.56	−0.12	0.83	16	4.0	15	4	5	22	nw.	U. S. Weather Bureau.
Bradford-4 W	McKean	1,680	30	34.8	−0.2	66	20†	−13	12	7.36	.....	2.04	21–22	15.1	15	8	10	13	w.	City Water Dept.
Brookville Apt.-1.5 SW.	Jefferson	1,400	57	37.4	+3.8	74	21	− 6	12	3.92	+0.65	1.13	19	3.0	17	7	4	20	ne.	Civil Aeronautics Authority
Butler	Butler	1,077	84	42.6	+4.5	78	21	3	12	1.54	−2.00	0.46	19	1.1	11	17	4	10	sw.	Butler Eagle.
Clarion-3 SW.	Clarion	1,114	37	38.6	....	76	20†	− 7	12	2.79	−1.03	0.98	19	2.8	14	8	9	14	w.	Penna. Electric Co.
Claysville	Washington	1,170	44	43.6	+2.9	78	21	5	12	4.10	+0.47	1.13	15–16	0.7	12	11	3	17	nw.	Walter B. Paget.
Corry	Erie	1,410	33	36.9	+3.9	68	20	−10	12	6.38	+2.90	1.50	21–22	13.3	14	8	9	14	s.	Geo. R. Mulderick.
Coudersport	Potter	1,653	23	36.4	+2.7	70	21	−16	12	3.95	+0.58	1.24	21–22	15.5	11	16	9	6	ne.	Potter Enterprise.
Derry	Westmoreland	1,150	50	45.3	+5.3	79	21	7	5	4.05	−0.06	0.73	19	3.6	15	13	12	6	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	4	38.6	.....	78	21	4	5†	3.97	.....	0.80	16	0.1	15	4	21	6	w.	Penna. Turnpike Comm.
Donora	Washington	761	21	47.0	+4.4	81	21	12	12	3.45	−0.22	0.62	16	1.0	17	9	12	10	sw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	30	38.9	+3.4	74	21	3	5†	4.11	+0.62	1.05	19	1.5	17	4	8	19	se.	John L. McGough.
Farrell	Mercer	855	34	42.7	+4.7	73	20†	− 6	12	2.58§	−0.23	1.00	19	4.0	11	18	5	8	ne.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	4	41.4§	.....	.....	.....	− 1	12	2.99	.....	0.84	16	2.7	13	11	3	17	w.	U.S. Engineers.
Franklin	Venango	987	73	37.2	+1.8	71	19	− 5	12†	3.29	−0.14	0.77	19	6.0	11	17	6	8	s.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	38	43.5	+3.5	80	21	6	16	3.50	−0.13	0.63	15–16	.....	15	10	5	16	sw.	Westmoreland Water Co.
Indiana-2.5 SE	Indiana	1,102	46	42.2	+4.4	79	21	− 1	12	3.51	−0.41	0.52	15–16	2.1	15	7	15	9	nw.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	6	38.2	....	74	19	.....	.....	4.14	+1.22	1.35	19	.....	14	8	11	12	se.	Pa. Dept. Forests & Waters.
Johnstown	Cambria	1,650	65	43.5	+4.3	80	21	10	5	3.74	−0.48	0.78	15–16	0.3	14	9	8	14	s.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1,750	32	33.0	.....	70	21	−16	12	6.11	+2.30	1.86	21	10.2	15	14	1	16	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	53	37.7	+2.9	70	19	−11	12	6.33	+3.13	3.12	21–22	6.2	15	8	11	12	s.	City of Meadville.
Mercer	Mercer	1,296	8	37.4	.....	70	21	−12	12	4.19	.....	1.03	19	5.9	14	7	7	17	w.	U. S. Weather Bureau.
Midland	Beaver	780	11	42.8	+2.6	76	19†	8	12	2.47	−1.03	0.52	23	0.2	11	14	2	15	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	67	40.1	+3.0	77	21	− 7	12	2.91	−0.18	0.88	19	2.6	18	6	13	12	n.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE.	Allegheny	1,286	14	43.9	+6.7	79	21	9	12	3.69	+0.66	1.01	15–16	2.5	17	6	8	17	nw.	U. S. Weather Bureau
Putneyville-2.5 SE	Armstrong	1,270	4	36 6	.....	77	21	− 7	12†	3.39	.....	0.69	15–16	2.7	14	8	8	15	e.	U. S. Engineers.
Ridgway	Elk	1,385	40	34.8	+1.4	72	21	−13	12	3.56	+0.42	0.98	19	5.0	17	8	8	15	s.	West Penn Power Co.
Somerset	Somerset	2,100	76	41.2	+5.3	77	21	5	5	4.03	−0.23	1.01	23–24	0.5	17	4	8	19	se.	D. L. Grove.
Springs-1 SW	Somerset	2,500	28	39.4	+3.5	76	21	1	5	4.25	+0.55	0.79	19	T.	16	5	7	19	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	10	36.0	.....	71	20	−12	12	4.07	+0.55	1.33	21–22	6.4	12	8	2	21	sw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	4	37.4	.....	70	21	−10	12	6.91	.....	1.83	21–22	6.5	16	6	17	8	sw.	U. S. Weather Bureau
Uniontown	Fayette	1,040	59	47.4	+5.8	82	21	11	5	3.42	−0.58	0 60	19	T.	19	8	13	10	sw.	William W. Marsteller.
Warren	Warren	1,190	59	37.2	−2.7	74	21	− 5	13	4.30	−1.03	1.60	21	§§	16	16	6	9	s.	Merrell L. Jordan.
Waynesburg	Greene	1,100	18	43.8	+2.7	80	21	7	13	2.20	−1.75	0.56	15–16	T.	12	1	19	11	w.	Mfr's Light & Heat Co.
Division mean		....	....	**40.0**	**+2.5**	**82**	**21**	**−16**	**12**	**3.96**	**+0.54**	**3.12**	**21–22**	**4.0**	**15**	**9**	**9**	**13**	w.	
Lake Drainage																				
Albion	Erie	900	4	34.6[8]	.....	70	20†	−18	12	6.03	.....	2.64	21–22	.....	15	10	9	12	w.	Albion High School
Erie	Erie	705	74	37.1	+3.6	72	19	5	12	4.71	+2.09	1.80	21–22	10.6	16	8	8	15	ne.	U. S. Weather Bureau.
State mean		....	....	**39.9**	**+2.1**	**90**	**22**	**−18**	**12**	**3.71**	**+0.20**	**3.12**	**21–22**	**5.0**	**14**	**10**	**8**	**13**	w.	

[See page 24 for explanation of reference marks.]

Daily Precipitation for March 1948

Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE *Delaware Basin*																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	....	.14	.62	....	.04	....	.07	.17	....	....	....	.17	....	....	....	.29	.24	....	....	.53	....	.24	....	.21	....	....	.03	.30	....	....	....	3.05
Equinunk[2]	Wayne	....	.13	.63	.07	.07	....	.26	.15	....	....	T.	.58	....	....	....	.24	.21	....	....	.49	....	.49	.08	.23	....	....	.02	.29	T.	....	....	3.94
Hawley[2], 0.5 E	Wayne	....	.10	.53	.05	.04	....	.10	.05	....	....	....	.30	....	....	....	.26	.18	....	....	.42	....	.68	.04	.14	T.	....	....	.20	T.	....	....	3.09
Hollisterville[2]	Wayne	....	.10	.56	.06	.02	....	.05	.04	T.	....	T.	.55	....	....	....	.35	.26	....	....	.55	....	.85	.03	.15	.01	....	.07	.32	.09	....	....	4.06
Lakeville[2], 1 N	Wayne	....	.15	.55	.06	.04	....	.05	T.	T.	....	....	.30	....	....	....	.33	.13	....	....	.45	....	.72	.04	.15	T.	....	T.	.08	T.	....	....	3.40
Matamoras[2]	Pike	....	.08	.79	....	....	....	.07	.04	....	....	....	.17	....	....	....	.32	.18	....	....	.51	....	.49	....	.21	....	....	....	.37	....	....	....	3.23
Milanville[2]	Wayne	....	.06	.71	.04	.02	....	.28	.19	....	....	....	.34	....	....	....	.26	.20	....	....	.30	....	.50	....	.20	....	....	T.	.25	....	....	....	3.35
Mount Pocono[1], 2 N	Monroe	T.	.83	.04	.11	....	....	.26	T.	....	....	.25	....	....	....	....	.76	.02	....	.81	....	.07	....	.20	.03	....	.12	.25	T.	....	....	.67	4.42
Pecks Pond[2]	Pike	....	.21	.53	.04	.06	....	.23	.04	....	....	*	.14	....	....	....	.59	.10	....	....	.75	*	.27	....	.22	T.	....	.30	.19	....	....	....	3.67
Pleasant Mount[1,5], 1 W	Wayne	....	.50	.06	.06	....	....	.35	....	....	....	.43	....	....	....	....	.61	.21	....	.35	....	*	.94	.15	.23	....	....	.39	....	....	....	.22	4.50
Stroudsburg[2], 2 E	Monroe	....	.24	.37	T.	T.	....	....	.37	....	....	....	.28	....	....	....	....	.62	....	....	.61	....	.30	....	.28	T	....	....	.29	....	....	....	3.36
Tanners Falls[1,5], 1 SE	Wayne	....	.65	.07	.09	....	.02	.35	....	....	....	.35	....	....	....	....	.41	.09	....	.35	....	.78	.02	.09	.20	....	.01	.29	....	....	.13	....	3.90
Wind Gap[1,5], 3 SW	N'rthampton	*	*	.38	.08	....	....	.36	....	....	....	.17	....	....	....	....	.63	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	§§
LEHIGH																																	
Allentown Apt[1,5,9], 4 NE	Lehigh	T.	.57	T.	.09	....	....	.31	....	....	T.	.21	....	....	....	T.	.31	....	....	.59	....	T.	....	.32	.11	....	.06	1.09	T.	....	....	.10	3.76
Allentown[2]	Lehigh	....	.07	.70	.01	T.	....	.20	.12	....	....	T	.19	....	....	....	.18	.10	....	....	.39	....	T.	....	.40	.06	....	.09	.73	T.	....	....	3.24
Bethlehem[1],	N'rthampton	T.	.41	.18	.06	....	*	.80	....	....	....	.15	....	....	....	....	.34	....	....	.41	....	....	....	.33	.10	....	.04	.69	....	....	....	.05	§3.06
Blakeslee Corners[1,5]	Monroe	....	.32	.08	.07	....	....	.21	....	....	....	.29	....	....	....	....	.83	....	....	.70	....	.03	....	.17	.04	....	.20	.28	....	....	....	.76	3.98
Gouldsboro[2]	Wayne	....	.10	.63	....	.09	....	.20	.17	....	....	....	.32	....	....	....	.53	.33	....	....	.78	....	.26	....	.24	....	....	.11	.24	....	....	....	4.00
Lansford[2]	Carbon	....	.08	.59	T.	.05	....	*	.33	....	....	.04	.30	....	....	....	.66	.12	....	....	.96	....	....	....	.20	T.	....	*	*	.36	....	....	3.69
New Tripoli	Lehigh	....	.53	.05	.06	....	....	.42	....	....	....	.27	....	....	....	....	.78	....	....	.67	.04	.01	....	.25	.08	....	....	.51	.03	....	....	....	3.70
Palmerton[1,5]	Carbon	....	.32	T.	.03	....	....	.26	....	....	....	.24	....	....	....	....	.81	....	....	.79	....	.03	....	.18	.02	....	.01	.45	T.	....	....	.42	3.56
Zionsville, 1 SW	Lehigh	....	.50	.03	.05	....	....	.38	....	....	.03	.35	....	....	....	....	.40	....	....	.40	.15	....	....	.32	.15	....	....	1.25	....	....	....	....	4.01
SCHUYLKILL																																	
Conshohocken[2]	Montgomery	....	.04	.70	*	.20	....	*	.50	....	.30	....	.31	....	....	....	.11	.15	....	....	.25	....	....	.04	.49	.09	....	.05	.65	....	....	....	3.88
Fredericksville[2], 1 S	Berks	T.	T.	.61	.01	.06	....	T.	.10	....	....	T.	.24	....	....	....	.32	.07	....	....	.41	....	T.	....	.34	T.	....	.08	1.05	....	....	....	3.29
Geigertown[2]	Berks	....	....	.52	.07	.11	....	*	.45	....	....	....	.25	....	....	....	*	.16	....	....	.44	....	....	....	.48	....	....	*	.49	....	....	....	2.97
Gratersford[2]	Montgomery	....	.21	.60	.07	.28	....	.08	.29	....	.07	.04	.41	....	....	....	.11	.12	....	....	.58	....	....	.01	.50	.12	....	.03	.72	....	....	....	4.24
Phoenixville[2], 1.5 SE	Chester	....	T.	.84	.22	.02	....	.23	....	....	.19	....	.37	....	....	....	....	.25	.09	....	.25	....	....	.53	.10	....	....	.18	.45	....	....	....	3.72
Port Clinton[2]	Schuylkill	....	T.	.52	.02	.05	....	.24	.11	....	....	T.	.26	....	....	....	.61	.16	....	....	.88	....	....	T.	.32	.04	....	.05	.54	....	....	....	3.80
Pottstown[2], 0.5 S	Montgomery	T.	.08	.83	.03	.31	....	.02	.34	....	.07	....	.47	....	....	....	.11	.04	....	....	....	....	T.	1.13	.07	T.	....	.13	.61	T.	....	....	§§
Pottsville[2]	Schuylkill	....	....	.47	....	.05	....	.40	T.	....	....	T.	.40	....	....	....	.85	....	....	....	.72	....	T.	....	.26	....	....	T.	.40	....	....	....	3.55
Reading[1,5]	Berks	T.	.58	.04	.09	....	....	.38	....	T.	....	.39	....	....	....	.01	.23	....	....	.75	....	T.	....	.28	.06	....	.13	.94	T.	....	....	.06	3.94
Strausstown[2]	Berks	....	....	.48	....	.03	....	....	.20	.15	....	T.	.27	....	....	....	.67	.10	....	....	.82	....	....	....	.38	....	....	....	.46	....	....	....	3.56
Virginville[2]	Berks	....	....	.50	T.	T.	....	....	....	T.	....	T.	.31	....	....	....	.54	.06	....	....	.80	T.	T.	....	.44	T.	....	.08	1.10	....	....	....	3.83
Wernersville	Berks	....	.50	.04	.07	....	....	.49	....	....	....	.35	....	....	....	....	.21	....	....	.56	.11	T.	....	.28	.07	....	....	.98	T.	....	....	.14	3.80
LOWER DELAWARE																																	
Coatesville[2]	Chester	....	T.	.68	.20	T.	....	.30	.18	....	.11	....	.39	....	....	....	.04	.06	....	T.	.26	....	....	.02	.52	T.	T.	.12	.38	....	....	....	3.26
Doylestown	Bucks	....	.64	.09	.08	....	....	.29	T.	T.	.28	.28	....	....	....	....	.24	.04	....	.21	.14	....	....	.41	.05	....	....	.26	.22	....	....	....	3.23
George School[6]	Bucks	....	.03	.12	.22	....	....	.39	....	.06	.36	.29	....	....	....	....	.23	.25	....	.21	.06	....	....	.54	.12	....	T.	.94	.06	....	....	....	3.88
Maple Glen[7]	Montgomery	....	.43	.35	.14	T.	....	.32	T.	....	.35	....	.22	....	....	....	.20	.03	....	.05	.10	....	....	.15	.31	....	....	.24	.41	....	....	....	3.30
Marcus Hook[2]	Delaware	....	.05	.75	.20	.02	....	.19	.35	....	.44	.01	.25	....	....	....	.03	.17	....	....	.25	....	....	T.	.54	.04	....	.37	.32	T.	....	....	3.98
Philadelphia International Arpt.[1]	Philadelphia	....	.79	.02	.16	....	....	.34	....	.28	.20	.34	....	....	....	....	.16	T.	....	.21	....	T.	....	.41	.17	....	.32	.30	T.	....	....	.06	3.76
City Office[1,5]	Philadelphia	....	.89	.07	.26	....	....	.34	....	.27	.20	.34	....	....	....	....	.21	T.	....	.18	....	T.	....	.53	.18	....	.30	.31	T.	....	....	.06	4.14
Shawmont	Philadelphia	....	.70	.10	.25	....	....	.52	....	.05	.40	.42	T	....	....	....	.25	.25	....	.17	....	....	....	.40	.10	....	....	.85	....	....	....	....	4.46
Quakertown, 0.5 E	Bucks	....	.75	.05	.09	....	....	.29	....	....	.07	.28	....	....	....	....	.34	....	....	.34	.08	....	....	.37	.06	....	....	.40	.43	....	....	....	3.55
West Chester	Chester	T.	.68	T.	.25	....	....	.51	....	.03	.21	.38	....	....	....	....	.05	.07	....	.15	.10	....	....	.45	.04	....	....	.51	T.	....	....	....	3.43
West Grove[2], 1.5 SE	Chester	T.	*	.70	*	.20	....	*	.70	....	*	.28	.52	....	....	....	.05	.04	....	....	.24	....	....	*	.57	....	....	.15	.53	....	....	....	3.98
Susquehanna Basin CHEMUNG																																	
Austinburg[1,5], 2 W	Tioga	....	....	.20	....	....	....	....	....	....	....	.46	....	....	....	....	.14	....	....	.67	.01	.41	.63	....	....	....	.06	....	....	.03	.06	2.67
Covington[2]	Tioga	....	....	T.	.25	T.	....	....	.04	.12	....	.05	.48	....	....	....	.10	.22	....	....	.34	T.	1.15	.15	.32	....	....	T.	.24	....	....	....	3.46
Lawrenceville	Tioga	....	.40	....	.05	....	....	T.	T.	....	....	.62	....	....	....	....	.20	.15	....	.25	.10	.34	1.95	.10	.25	....	....	T.	T.	....	....	.12	4.53
NORTH BRANCH																																	
Berwick	Columbia	....	.39	.07	.09	....	....	.31	T.	....	....	.31	....	....	....	....	.57	.02	....	.79	.01	.03	....	.18	.08	....	....	.36	....	....	....	.01	3.22
Canton[2], 1 NW	Bradford	....	T.	.45	T.	T	....	.27	....	....	....	.02	.55	....	....	....	.27	.26	....	....	.29	....	.71	.20	.50	....	....	.05	.15	.10	....	....	3.82
Danville[2]	Montour	....	....	.52	....	.05	....	.32	....	....	....	....	.44	....	....	....	.72	.03	....	....	.83	....	.08	....	.26	....	....	.06	.16	....	....	....	3.47
Freeland[2]	Luzerne	....	.03	.40	.23	.03	....	.10	T.	T.	....	T.	.45	....	....	....	.60	T.	....	.02	.70	T.	.05	....	.28	.05	....	.38	T.	.08	....	....	3.40
Hop Bottom[2], 2 S	Susquehanna	....	.13	.42	T	.09	....	.10	.12	....	....	T.	.50	....	....	....	.28	.20	....	....	.18	....	.66	.11	.40	....	....	....	.22	....	....	....	3.41
Millville[1,5]	Columbia	....	.22	.08	.07	....	....	.29	....	....	....	.40	....	....	....	....	.60	.05	....	*	.50	....	....	.13	.04	....	.01	.11	....	....	....	.45	2.95
Mouroeton[2], 2 S	Bradford	T.	.06	.36	.12	.06	....	.11	.01	T.	....	.01	.70	....	....	....	.07	.21	....	....	.21	....	.55	.13	.67	.01	....	T.	.22	.61	....	....	3.51
Montrose[2], 3 E	Susquehanna	T.	.12	.72	.06	.09	....	.19	.07	T.	....	T.	.62	....	....	....	.34	.20	....	....	.30	....	.68	.17	.31	T.	....	T.	.49	T.	....	....	4.36
Orwell[2], 3 N	Bradford	....	.08	.11	.09	T.	....	.27	T.	....	....	T.	.50	....	....	....	.16	.22	....	....	.30	....	1.49	.01	.28	....	....	....	.08	.01	....	....	3.60
Park Place[1], 1 NW	Schuylkill	T.	.30	T.	.08	....	....	.17	T.	....	....	.41	....	....	....	T.	.74	T.	....	.78	....	T.	....	.11	.04	....	.10	.20	T.	....	....	.74	3.67
Pikes Creek[1,5]	Luzerne	....	.55	.05	.06	....	....	.38	....	....	....	.30	....	....	....	....	.83	....	....	.85	....	....	....	.04	....	....	.06	.14	....	....	....	.75	4.01
Rush[2]	Susquehanna	....	.07	.39	T.	.12	....	.12	.08	....	....	....	.61	....	....	....	.23	.24	....	....	.23	....	.55	.09	.36	....	....	....	.28	....	....	....	3.37
Scranton[1,5]	Lackawanna	T.	.28	T.	.06	....	....	.20	....	....	....	.35	....	....	....	....	.46	.09	....	.65	....	.81	.01	.05	.17	....	....	.20	T.	....	....	.21	3.54
Susquehanna[2]	Susquehanna	....	.08	.47	.05	.05	....	.18	.19	....	....	T.	.52	....	....	....	.17	.31	....	....	.37	....	1.72	.22	.20	....	....	.01	.36	....	....	....	4.90
Towanda, 1 E	Bradford	T.	.33	T.	.09	....	....	.11	.01	....	....	.53	....	....	....	....	.05	.22	....	.04	.06	.37	.55	T	.64	....	....	.10	.02	T.	....	.09	3.21
Tunkhannock[2]	Wyoming	....	.02	.34	.04	....	....	.15	T.	....	....	T.	.41	....	....	....	.14	.11	....	....	.20	....	1.07	.05	.57	....	....	.01	....	.10	....	....	3.21
Wilkes-Barre[1], 3 N	Luzerne	T.	.23	T.	.09	....	....	.15	....	....	....	.21	....	....	....	....	.57	.06	....	.74	....	.43	.08	.05	.08	....	.03	.25	T.	....	....	.54	3.51
WEST BRANCH																																	
Bellefonte[2]	Centre	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Carrolltown[2]	Cambria	.04	T.	.40	.09	.03	....	.30	.03	T.	....	....	.33	....	....	....	.65	.25	....	.04	.60	....	.06	.05	.40	....	....	.33	.33	T.	....	....	3.93
Carter Camp[2]	Potter	....	T.	.32	....	T.	....	.19	T.	....	....	T.	.41	....	....	....	.38	.20	....	....	.85	T.	.68	....	.36	....	....	.11	.18	....	....	....	3.68
Cedar Run[2]	Lycoming	....	....	.38	....	.12	....	.23	.02	....	....	.04	.44	....	....	....	.37	.15	....	....	.68	....	.79	.02	.38	....	....	.08	.03	....	....	....	3.73
Clearfield[2]	Clearfield	T.	....	.35	.03	T.	....	.31	.06	T.	....	T.	.24	....	....	....	.51	.23	....	.01	.48	.05	T.	....	.12	....	....	.29	.05	T.	....	....	2.73
Coalport[2]	Clearfield	....	....	.41	....	....	....	.50	T	....	....	.80	....	....	....	....	.65	.26	....	....	.41	....	.20	*	.50	....	....	.40	....	T.	....	....	§§ 63
Curwensville Apt[1] 6 NW	Clearfield	....	.33	.01	.04	....	.07	.16	.07	....	....	.21	T.	....	....	.04	.83	T.	....	.83	....	T	.01	.06	.11	....	.11	.28	T.	....	....	.65	3.81
Driftwood[1,5]	Cameron	....	.22	....	.08	....	....	.20	....	....	....	.30	....	....	.02	.07	.46	.01	....	.63	....	.89	.03	.04	.19	....	.06	.21	....	....	....	.62	4.08
Dushore[1,5]	Sullivan	....	.42	.05	.10	....	....	.34	....	....	....	.50	....	....	....	....	.42	.14	....	.35	....	.80	.11	.19	.37	....	.02	.08	....	....	....	.63	4.52
Eagles Mere[2]	Sullivan	T.	.05	.73	T.	.08	....	.29	.15	....	....	T.	.39	....	....	....	.54	.45	....	....	.67	....	.45	.07	.41	T.	....	.14	.22	....	....	....	4.64
Emporium[2], 1 E	Cameron	....	....	.25	.04	T.	....	.17	.04	....	....	.08	.30	....	....	....	.30	.17	....	.16	1.25	.01	.65	.02	.36	....	....	.15	.10	....	....	....	4.05
English Center[1], 5	Lycoming	....	.32	.05	.03	....	.02	.31	....	....	....	.43	....	....	....	....	.34	.17	....	.18	.13	1.02	.02	.11	.22	....	.01	.10	....	....	1.07	....	4.58
Galeton	Potter	....	.30	T.	.01	....	....	.18	.01	....	....	.51	....	....	....	....	.38	.02	....	.60	.10	.86	.50	.01	....	T.	....	.30	.02	....	....	.45	4.25

Continued on page 20.

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																															
Karthaus[2]	Clearfield	T.		.32	T.	.03		.21	.04	T.		T.	.33				.50	.25		T.	.39	T.	.04	T.	.07			.18	.08	T.			2.44
Lock Haven	Clinton																														
Medix Run[1, 5]	Elk		.28			.02	.16					.30				.01	.55			.92		.47		.15	.26		.03	.20				.81	4.16
Philipsburg[1, 5, 7 E]	Centre	T.	.34	.05	.07		.12	.43	T.			.28	T.			.01	.68	.11		1.02		03	.04	.21	.02		.13	.27	T.			.66	4.47
Renovo[2]	Clinton	T.		.22	.04	.04		.19	.03			.01	.27				.36	.25		T	.46	.05	.46	T.	.20			.10	.07	T.			2.75
State College[1, 5]	Centre	T.	.21	.01	.05		.09	.32	T.			.49				.01	.57	.03		.55		.04	.03	.17	.02		.09	.40	T.			.73	3.81
Tamarack[2, 2 S]	Clinton	T.		.33	.06	.03		.18	.03	T.		.05	.37				.39	.11		T.	.51	.11	.66	T.	.40	T.		.08	.52	T.			3.83
Trout Run	Lycoming																														
Tyrone[1, 5, 4 NE]	Blair		.28	.04	.10		.11	.29				.25				.02	.65	.08		.62			.01	.34	.10		.07	.15				.66	3.72
Wellsboro[2]	Tioga	T.	.03	.25	.04	.01		.17	.03	T.		.01	.40				.14	.16			.48		.77	.11	.37	T.		.02	.14	T.				3.13
Williamsport Apt.[1, 4 E]	Lycoming	T.	.26	.02	.09		T.	.23	T.			.59					.44	.07		.29		.06	T.	.03	.06		T.	.13	1			.97	3.24
Williamsport[2]	Lycoming			.61		.08		.38					.55				.46	.11			.37	T.	.09	.06	.09			.09	.24				3.13
Williamsport[2, 4 SE]	Lycoming	.01	T.	.40	T.	.14		.51	T.			T.	.54				.45	.11			.44		.01		.15	T.		.01	.09	T.			2.86
JUNIATA																															
Altoona, 4.5 W	Blair		.23	.09	.07			.43	.03			.22					.73			.54	.57		.04	.41	.18		.10	.21	.03			.72	4.55
Breezewood[1, 0.5 E]	Bedford		.24	.02	.06		.40	.18				.55				.04	.16	.04		.47				.65			.05	.06			1.00		§3.92
Buffalo Mills[2]	Bedford			.26				.36	.07				.09				.16	.07		.10	.23			.31	.50			.13					2.28
Burnt Cabins[1, 2 NE]	Fulton		.34	.03	.02		.17	.35				.26				T.	.08	.02		.14				.13			.04				.26	1.84
East Waterford[2, 3 E]	Juniata	.01	T.	.30	.06	.07		.53	.02	T.		T.	.36				.56	.06		T.	.45		T.	.05	.37	T.		.04	.06	T.			2.94
Everett[2, 0.5 SW]	Bedford			.29	.01	.04		.67					.16				.24	.02		.08	.42			.21	.74	T.		.15	.07				3.10
Huntingdon[6]	Huntingdon		T.	.26	T.	.05		.45					.20				.09	.14		.08	.85		.25	.05	.29			.11					2.82
Lewistown[2, 1 W]	Mifflin			.25	T.	T.		.41				.02	.24				.73	T.			.52	.01	.02	T.	.24			.15	.26				2.85
Mapleton Depot[2]	Huntingdon			.22	.05	T.		.46	.03			T.	.28		T.		.50	T.		T.	.58		.16	.01	.20			.03	.03				2.55
Martinsburg[1, 8]	Blair	T.	.04	.02	.01		.02	.18	T.			.18	T.			.02	.56	T.		.56		.02	T.	.39	.04		.05	.27	T.			.60	2.96
McConnellstown[2, 4NW]	Huntingdon	T.		.25	T.	T.		.53	T				.36				.60		T.	T.	.48		.14	.05	.50			.16	.11				3.07
Neffs Mills[1, 5, 3.5 NE]	Huntingdon		.16	.07	.03		.04	.39	.04			.30					.75			.82		.10	.02	.19	.23		.08	.15				.67	4.04
Newport[2]	Perry	T.	T.	.33	.05			.30	.03			T.	.25				.68	.05			.60	T.	T.		.32	.02		.10	.08				.36	3.17
Saxton[2, 1 W]	Bedford		T.	.25	.05	T.		•	.60				.21				.44			T.	.50				.30			.12	.10				2.57
Shade Gap[1, 5, 0.5 SW]	Huntingdon		.22	.08	.13		.05	.40				.07					.42	.04		.53				.20								.80	2.94
LWR SUSQUEHANNA																															
Arendtsville[2]	Adams		.02	.49	.07	.01		.71					.40				.21				.67			.15	.36			.34	.36				3.79
Beavertown[2]	Snyder																														
Bloserville, 1.5 N	Cumberland		.40	.01	.08			.68				.38	T				.58			.30	.12			.32	.06			.54	.02			T.	3.49
Carlisle	Cumberland		.12	T.	T.			.48				.44					.42			.12	.40			.28	T.		T.	.12			T.	.06	2.44
Columbia	Lancaster		.51	.12	.11			.54		T.	T.	.44	T.				.07			.29	.12		T.	.35	.09			.13	.05				2.82
Dauphin[2, 3 N]	Dauphin	T.	T.	.36	.06	.06		.41	.05	T.		.07	.57				.50	T.			.34			T.	.22	T.		.13	.08	T.			2.84
Ephrata	Lancaster		.52		.11			.46		T.		.45					.11			.41	.10			.31	.05		.06	.43					3.01
Glen Rock[1, 5]	York		.64	.15	.05			.59				.28					.10			.42	.03			.37	.10		.10	.53				.67	4.03
Gordon	Schuylkill		.35	.07	.14			.42				.51					1.15			.48	.28	.03		.15	.11			.25					3.94
Grantville, 2 SW	Dauphin		.47	.03	.04			.41				.46					.73			.50	.14			.24	.02			.19				.02	3.25
Hanover[2]	York		.05	.05	.11	.02		.64			T.	•	.44				.07			T.	.50			.08	.35	T.		.20	.30	T.			2.81
Harrisburg Apt[1, 5, 3.5 S]	Dauphin	T.	.27	.05	.05		T.	.46				.42				T.	.31	T.		.39			T	.24	.01		.05	.09	T.			1.00	3.34
Holtwood[2]	Lancaster		.02	.54	.18	T.		.36	.11		.01	T.	.35				T.	T.			.28		T.	.02	.49	T.		.12	.18	T.			2.66
Huntsdale[2]	Cumberland	T.	T.	.39	.08	.04		.59	T.			T.	.39				.32	T		T	.53			.06	.32	T.		.11	T				2.83
Kirkwood[1, 5, 1 SW]	Lancaster		.50	.07	.13		•	.50			.04	.43					T.			.22				.30			.06	.28	.02			.23	2.78
Lancaster	Lancaster		.51	.18	.19			.45		T.	.02	.42					.06			.23	.10			.34	.09			.08	.24				2.91
Lebanon[2]	Lebanon		T.	.46	.02	T.		.32	.10			.01	.35				.56	.05			.65			T.	.31			.11	.70	T.			3.64
Middletown[1, 1.5 W]	Dauphin		.39	.06	.52			.41				.38				T.	.31			.61			T.	.32	.01		.05	.38	T.			1.23	4.67
Millersburg[1, 5, 2 E]	Dauphin		.33	.02	.07			.30				.40					.50			.42				.24	.05		.09	.09				.76	3.27
Milroy[2]	Mifflin		▪	.87				.41				•					.85				1.03		.05	.40				.31	T.	T.			3.92
Newburg[1, 3.5 NW]	Cumberland		.25	.12	.04			.75				.03				T.	.51	.05		.44				.40			.08	.18				1.38	4.23
New Park	York		.60		.33			.75		.02							.18	.03						.15				.09					2.15
Pine Grove[2, 1.5 NE]	Schuylkill		T.	.53	.03	T.		.37	.02			.05	.40				.82	T.			.44		.04	T.	.28			.03	.05	T.			3.06
Selinsgrove	Snyder		.40	.05	.04			.30				.26					.58			.50	.27	.07	T.	.19	.12			.32				.06	3.16
Shamokin[2]	N'umberland		T.	.49	.03	.08		.38	T.			T.	.50				.82	.12		T.	1.00	T.	T	T.	.21	.01		.22	.23				4.09
Shippensburg	Cumberland		.41	T.	.13			.75				.40	T.				.27			.35	.22			.31	.01			.28				.09	3.22
Sunbury[1]	N'umberland		.36	.07	.12		T.	.33	T			.39				T.	.65	T.		.71		.01		.28	.07		.03	.31	T			.78	4.11
Wellsville	York		.42	.03	.05			.59				.44					.10			.34	.22			.31	.05			1.50				.02	4.07
Williamstown[2]	Dauphin			.44	T.	.02		T.	.08			T.	.38				.90	.09			.65				.24				.15	.38	T.			3.33
York, 3 SW	York		.57	.14	.15			.61		.02		.54					.03			.27	.10			.48	.08			.62	.09				3.70
York Haven[2]	York		T.	.50	.03	T.		.44	.03			.01	.39				.13	T.			.56			.01	.36	.02		.06	1.17				3.71
Potomac Basin																															
Chambersburg[6, 1 SW]	Franklin		.46	.07	.14		T.	.85				.26	T.			T.	.28			.66			T.	.39	.01		.15	.22				.48	3.97
Gettysburg	Adams		.56	.07	.12			.67		T.		.41					.08			•	.57			.57	T.			1.07				T.	4.07
Hewitt, 2 SW	Bedford		.35	.14	.01			.54				.11					.18			*36*				.65	.57		•	*28*				.34	§3.53
Hyndman[2]	Bedford			.33	T			.46					.05				.12	T.		T.	.48			.28	.96			.14	T.				2.82
McConnellsburg[2]	Fulton		T.	.35	.10	T.		.60					.20				.28			T.	.35			.15	.27			.26	T.				2.56
Mercersburg[2]	Franklin		.57		.10			.61				T.	.10				.30			.26				.26	.27			.36	.10				2.93
South Mt. San't'm[2]	Franklin			.54	.06	.06		.94					.28				.21	.05		T.	.69			.12	.28			.49	.52				4.24
GULF DRAINAGE																															
Ohio Basin																															
ALLEGHENY																															
Acmetonia[2]	Allegheny	T.	T.	.28				.24	T			T.	.17				.41	.57		.10	.47		.08	.02	.42			.25	.07				3.08
Allens Mills[1, 5]	Jefferson		.37				.07	.27	.01			.31	•			•	•	•	•	•	•	*	1.00	.37	.03		.03	.27				.70	3.43
Blairsville[1, 6 NE]	Indiana	T.	.08	.01	.05		.12	.10	T.			.25	T.			T.	.83	.01		.49		T.	.30	.80	.07		.13	.26	T.			.06	3.56
Boswell[2, 6 NW]	Somerset	.03	.02	.38	.06	.02		.06	.30	.02			.14				.64	.09		.08	.59		.03	.32	1.15			.17	.17				4.27
Bradford, 4 W	McKean		.20	.05	T.			.11	.07			.37	T.			T.	.90	.15	.06	.74	.74	.88	2.04	.03			T.	.47	.15		T.	.40	7.36
Brookville[1, 1.5 SW]	Jefferson	T.	.31	T	.01		.02	.23	.01			.36				.08	.40	.01		1.13		.02	.04	.03	.01		.01	.30	T.			.95	3.92
Buckstown[1, 5]	Somerset		.33	.05	.06	.04	.13	.27				.08	.03				.45							1.15	.04		.06	.37					§§
Clarion[2, 3 SW]	Clarion			.33		.02		.21	.06	.01		.05	.20				.23	.13		.05	.93		.05		.16			.36	T.				2.79
Corry	Erie		.28		T.			.18	.04			.42				.02	.81	T.		.99	.17	1.35	1.50				.04	.36	.10			.12	6.38
Coudersport	Potter	.12	.39					.41	.16			.81					.01			T.	.68	•	1.24					.08	T.			.05	3.95
Coudersport[2, 7.5 E]	Potter																														
Derry	W'moreland		.27	.03	.10			.37	.06			.29	T.				.68	.18		.73			.09	.20	.37		.12	.27	T.			.29	4.05
Donegal[1]	W'moreland		.35	.03	.05		T.	.14	T.			.27				T.	.80	.09		.60			.15	.62	.07		.07	.36	.01			.36	3.97
Dunlo[1, 5, 0.5 SW]	Cambria			.25	.04							.11					.71	.01		.43			.03	.50				.50				.72	§§
Ebensburg[2]	Cambria	.04	▪	.42		.08		.45	.01	T		.09	.07				.89	.17		.39	.66		.09	.30	.09			.29	.07	T.			4.11
Ford City[2, 4 S]	Armstrong	T.	.07	.28	T.	T.		.25	.08	T.		T.	.21				.35	.49		.13	.48		.04		.31			.28	.02				2.99
Franklin[2]	Venango		T.	.31	T.	T.		.16	T.			.26	.10				.24	.18		.20	.57		.72	T.				.30	.25				3.29
Glen Hazel[2, 1 NE]	Elk																														
Home[1, 5]	Indiana		.23				.17	.15				.20				.04	.73			.90			.05	.07	.01		.11	.20				.47	3.33
Indiana	Indiana		.17	.08	.03			.31	T.			.20				T.	.52	.39		.39	.10		.09	.09	.31		.13	.34	T.			.36	3.51
Johnstown[2, 0.5 W]	Cambria	T.	.07	.40	.03	T.		.39	T.	T.		T.	.11				.78	.10		.35	.40		.17	.28	.35			.20	.11	T.			3.74

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Stations	Counties	Day of month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	.03	.31	T.	.01		.02	T.	T.			.45				.27	.31	T.		1.20		1.86	.18	.08			.07	.52	.03			.77	6.11
Kregar[1], 4.5 SE	W'moreland		.41	.11	.17		.06	.37	.03			.27	.02			.03	.86	.02		.81		T.	.12	1.12	.07		.07	.28	.16			.39	5.37
Lycippus, 1.5 E	W'moreland	T.	.30	.15	.05			.23	.05			.16	.03				.70	.25		.26	.60	.05	.05	.26	.16		.10	.16	.03			.23	3.82
Marienville[1, 5]	Forest		.29	.02	.05		.06	.30				.39				.10	.17	.02		1.40		.63	.09	.08			.11	.28				.77	4.76
Meadville[2], 1 S	Crawford	.02	.04	.28	T.			.13	.03	T.		.11	.09				.57	.25		.54	.69		3.12	T.				.18	.26		.02		6.33
Mosgrove[2]	Armstrong	T.	.02	.30	T	T.		.27	.03	.04		.03	.15				.26	.27		.11	.53	.08	.01		.13			.29	.22	T.			2.74
Parkers Landing[2]	Armstrong		.06	.46	T.	T.		.02	T.			.08					.15	.01		.29	.87		.04					.23					2.21
Pittsburgh Cty Of[1, 5]	Allegheny		.26	T.	T.		.06	.14	T			.13	T.			.05	1.06			.73			.05	.40	.01		.04	.22	T.			.59	3.76
Port Allegany[2]	McKean	.03	.01	.22	.02	.01		.03	.09			.11	.23				.41	.10		.05	.83	.06	2.70	.03	.04			.17	.20				5.34
Punxsutawney[2]	Jefferson			.33	T.	.02		.25	.05			T.	.31				.45	.39		.05	.71	.02			.16			.45	.03				3.22
Putneyville[2], 2.6 SE	Armstrong	T	T.	.35	T.	T		.30	T.	.01		.01	.25				.35	.34	T.	.10	.68	*	.10		.38	T.		.25	.27				3.39
Ridgway[2]	Elk		T.	.23	T.	.02		.02	.05	.02		.06	.29				.27	.22	T.	.02	.96	.01	.40	.03	.65			.17	.14				3.56
Saltsburg[2]	Indiana	T.	.07	.22	T.	T.		.31	T.	T.			.23				.52	.55		.11	.52		.07	.06	.42	T.	T.	.48	T.				3.56
Seward[2]	W'moreland			.29	.06			.21	.06	.02			.12				.62	.12		.04	.68		.04	.06	.96				.21	T.			3.55
Sheffield[1, 5], 6 W	Warren		.29	.01			.12	.26	.03			.39				.41	.41	.06	.03	1.51		2.01	.17				.06	.34	.03			.83	6.96
Smethport[1, 5], 1 SW	McKean	.09	.28																.08	1.03		2.22	.22				.06	.34				.06	§§
Strongstown[1, 5]	Indiana		*	*	.47		.15	.21				.19				.01	1.04			.80		.03	.07	.36	.06		.15	.37				.38	4.29
Tionesta[2], 1.5 SE	Forest	T.	T.	.28	T.			.20	T.			.23	.18				.23	.19		.31	.74	T.	1.33	.01				.36	.01				4.07
Titusville, 2 S	Crawford		.22	.05	T.			.24	T.			.55	.05			.02	.85	.08		.91	.68	.57	1.83				.14	.45	.12	T.		.15	6.91
Union City[1, 5]	Erie	.04	.15					.16				.36	.07			.65	.23			.88		2.99	.15	.03			.11	.20				.30	6.32
Vandergrift[2]	W'moreland		T.	.25	T.			T.	T.				.26				.42	.60		.06	.50	T.	.30	T.	.17			.15	.20				2.91
Warren[2]	Warren	T.	.04	.15	.02			.02	.15	T		.18	.34				.34	.26		.02	.46	.02	1.60	.03				.41	.26	T.			4.30
Youngsville[1, 5]	Warren	.09	.24				.03	.13				.28				.59	.32			1.76		2.84	.08				.13	.42				.58	7.49
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	T.	T.	.45	.01	T.		.40	T.	T.			.14	T.			.33	.03		.08	.52		.09	.20	.57	T.		.12	.11	T.			3.25
Connellsville[2]	Fayette			.27	T.	T.		.23	T.				.21				.57	T		.05	.35		T.	.25	.12	T.		.19	.02	T.		.36	2.62
Donora[1]	Washington	T.	.05		.02		.13	.12	T.			.25	T.				.62	.01		.53		.12	.06	.32	.06		.19	.34	.08			.57	3.45
Greensboro[2]	Greene		.01	.29	T.	T.		.25	.01	T.			.24	T.			.34	.03		.07	.51		.09	.28	.26	.01	T.	.31	.10	T.			2.80
Greensburg, 2 S	W'moreland		.26	.09	.02			.30	T.			.24					.63	.15		.45	.18		.07	.21	.15		.12	.22	T.			.41	3.50
Irwin	W'moreland		.25	.06	.02			.30	.01			.24					.55	.27		.22	.17	T.	.09	.13	.15		.10	.46	.02			.34	3.38
Meyersdale[2]	Somerset		T.	.45	.04			.30	.01	T.			.13				.16	.03		.12	.50		.02	.30	1.00			.11	.01				3.18
Murrysville[1, 5]	W'moreland		.22		.04		.11	.17				.22				.04	.98						.11	.40	.02		.12	.48				.68	§§
Pittsburgh Arpt.[1, 5]	Allegheny	T.	.22	.01	.03		.06	.08	.02			.22	.01			.02	.99	T.		.62		T.	.08	.43	.01		.06	.25	T.			.58	3.69
Rices Landing[2]	Greene	T.	.02	.26		.01		.30	T.				.31				.59	.07		.05	.46		.02	.23	.22	T.	T.	.30	.03				2.87
Somerset	Somerset	T.	.25	.08	.06			.46	.03			.17	T.				.43	.07		.21	.19		.03	.42	1.01		.09	.16	.02			.35	4.03
Springs[6], 1 SW	Somerset	T.	.33	.19	.08			.34	.01			.13	T.				.19	.06		.45	.34		.04	.78	.43		.11	.22	T.			.55	4.25
Uniontown	Fayette		.16	.09	.06			.23	.03			.26	.02				.42	.06		.43	17	.05	.16	.32	.22		.08	.31	.01			.34	3.42
Waynesburg[2]	Greene		.02	.23		T.		.21	T.	T.			.25				.56	.05		.01	.26		T	.14	.14		T.	.32	.01				2.20
BEAVER																																	
Beaver Falls[2]	Beaver	.02	T.	.26	T.	T.		.10	T.	T.		.03	.10				.12	.05		.04	.42		.04	T.	.41			.43	.03	T.			2.05
Butler	Butler		.21	.13	.01							.03					.07	.33		.28	.18				.19				.02			.09	1.54
Farrell[2]	Mercer		.07	.22				.09				.26	.10				.18	.21		.48	.52		.15					.30					§2.58
Greenville	Mercer		.34		T.			.21	T.			.31					.59			1.15	.06	.75	.11					.10	.05			.14	§3.89
Jamestown[2], 2 NW	Mercer	.01	.02	.25	T.			.12	T			.11	.09				.56	.23		.55	.80		.96	.01				.25	.18		T.		4.14
Mercer Arpt.[1], 2.5 NE	Mercer	T.	.35	T.	T		.09	.09	.01		T.	.40	T.			.27	.34	T.		1.03		.37	.11	T	T.		.06	.48	.03		T.	.56	4.19
New Castle[1], 1.5 N	Lawrence	T.	.32		.01			.05				.25				.02	.22			.88	.02		.08	.02	T.		.06	.41	T.			.57	2.91
Pennline, 2[1] S	Crawford	.01	.07	.11	T.			.11	.05			.12	.06				.77	.04		.55	.76		2.78	.03				.26	.10				5.82
OHIO																																	
Claysville[2]	Washington		.27		T.			.24				.14					.38	.75		.65			.54	.24	.22		.11	.38				.18	4.10
Coraopolis[2], 1 E	Allegheny	T	.08	.21	.01	T.		.13	T.			T.	.12				.40	.40		.21	.44		.04		.42			.47	T.				2.93
Midland[2]	Beaver	T.	.02	.26	T.	T.		.10	T.	T.		T.	.07				.25	.45		.12	.23	T.	.05		.52			.40	T.				2.47
Washington[1, 5]	Washington		.32	.02			.11	.09				.16				.05	1.05	.02		.79			.10	.68	.03		.10	.42				.66	4.60
LAKE DRAINAGE																																	
Albion[2]	Erie		.02	.01				.13	.12		.43		.19				.76	.03		.08	.38	.32	2.64	.04				.20	.18				6.03
Erie[1, 5]	Erie	.06	.10	T.	T.		.01	.13	.04	T.	T.	.68	T.			.08	.06	T.		1.10		1.45	.36				.03	.36		.07	.05	.13	4.71
Raymond[1, 5]	Potter	.06	.26	.03	.10						*	.49					.57	.02		.75		2.10	.59	.13	.07			.12				.48	§§

[See page 24 for explanation of reference marks.]

Daily Temperatures for March 1948

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	37	36	30	25	48	45	35	34	42	33	23	34	43	53	58	65	42	58	55	70	70	65	54	55	56	68	34	33	53	64	...	47.3*
	Minimum	10	20	21	15	4	8	20	18	14	18	12	−18	− 2	18	32	46	30	24	34	35	45	50	34	29	25	28	24	20	18	24	.	21.9*
Allentown Arpt.[1],9-4 NE	Maximum	33	33	37	34	27	42	38	42	50	52	33	31	35	49	58	68	57	56	58	71	74	73	55	66	59	63	67	48	50	68	70	51.5
	Minimum	16	25	30	12	8	7	28	29	24	33	17	12	14	17	28	50	29	26	34	51	46	53	39	40	35	30	46	26	22	34	42	29.1
Allentown/	Maximum	38	34	41	35	31	43	39	43	51	54	39	33	36	49	60	68	60	56	60	71	77	74	65	67	56	65	67	60	50	67	70	53.2
	Minimum	17	18	22	30	9	10	16	30	25	29	28	12	15	19	22	30	48	28	32	37	48	50	49	39	36	31	36	34	24	30	42	28.9
Altoona-4.5 W	Maximum	32	33	44	33	30	37	37	40	52	50	41	28	37	52	62	67	61	56	61	72	77	74	62	68	61	65	72	48	54	68	62	52.8
	Minimum	18	29	32	27	5	9	26	26	23	30	20	8	10	17	29	45	35	28	39	50	49	58	47	40	30	39	42	23	15	33	39	29.7
Arendtsville/	Maximum	39	33	45	36	32	38	42	49	50	56	34	35	44	53	66	72	56	60	62	78	86	78	60	73	63	63	69	57	53	71	64	55.4
	Minimum	23	26	29	32	11	9	19	29	25	28	32	15	13	18	25	33	33	28	31	31	48	56	54	40	34	32	50	30	19	28	37	29.6
Beavertown/	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Minimum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Berwick	Maximum	37	34	37	35	25	38	39	40	50	50	41	31	34	49	54	70	66	57	57	70	74	73	70	68	67	59	73	60	53	67	72	53 2
	Minimum	15	27	32	25	5	3	27	28	23	28	19	2	4	14	26	46	41	25	40	48	51	51	46	42	33	36	54	28	20	37	47	29.8
Bethlehem[1]	Maximum	32	34	40	34	30	43	38	44	51	54	36	33	36	50	60	68	59	58	60	74	78	73	58	68	60	65	67	49	50	68	70	52.9
	Minimum	18	26	31	12	8	11	29	33	30	36	18	14	17	21	30	56	34	31	36	55	50	58	37	37	38	33	49	29	24	35	47	31.7
Blairsville[1]-6 NE.	Maximum	34	49	44	35	32	44	41	33	48	45	31	23	31	55	65	64	42	59	73	70	75	65	57	63	63	66	66	35	58	67	57	51.3
	Minimum	21	29	32	12	3	18	30	22	25	28	12	3	10	22	40	42	31	30	41	45	61	49	44	40	33	44	25	19	18	36	46	29.4
Bradford-4 W	Maximum	35	35	37	30	28	45	43	40	42	42	35	23	32	50	55	58	46	55	57	66	66	62	52	60	60	62	65	48	50	58	62	48.4
	Minimum	5	15	22	18	− 6	− 3	28	21	19	13	11	−13	− 7	2	22	36	28	25	30	41	35	48	34	40	23	39	48	17	13	30	28	23.1
Brookville[1]	Maximum	37	42	42	32	34	45	42	33	45	43	28	24	31	50	60	64	43	56	70	67	74	69	61	65	62	66	62	35	53	59	62	50.2
	Minimum	17	31	30	11	5	7	32	21	20	19	7	− 6	− 4	9	26	43	25	24	43	46	46	41	37	38	26	43	27	19	13	36	35	24.7
Burnt Cabins[1]-2 NE	Maximum	36	33	44	32	30	40	48	40	54	52	36	31	40	50	64	72	52	61	60	76	85	73	68	69	62	62	74	42	51	71	58	53.7
	Minimum	21	28	28	16	8	3	26	21	19	22	18	12	6	12	22	50	25	20	38	44	42	50	41	39	27	36	55	20	10	31	48	27.0
Butler	Maximum	38	40	46	36	35	43	48	48	45	50	45	25	30	59	59	78	66	57	67	74	78	70	67	65	65	70	72	62	51	58	66	55.1
	Minimum	20	33	33	26	9	11	29	27	24	22	21	3	7	15	32	54	34	24	44	47	52	50	41	43	27	46	55	18	16	37	33	30.1
Canton/-1 NW	Maximum	34	35	30	25	17	42	36	38	46	37	17	27	31	42	51	49	41	53	58	60	68	64	48	62	44	55	66	41	44	53	60	44.3
	Minimum	8	10	24	21	− 3	− 3	7	24	20	22	14	2	3	7	24	33	31	25	31	33	35	44	37	39	27	30	39	21	14	24	39	22.0
Carlisle	Maximum	39	35	41	38	32	40	40	44	52	54	50	33	40	52	65	76	65	60	57	74	83	78	70	70	68	60	72	63	52	70	67	56.1
	Minimum	17	28	30	28	9	9	30	27	23	30	22	12	14	18	25	49	43	26	37	48	45	50	42	38	35	32	45	30	21	32	40	30.2
Chambersburg[6]-1 SW.	Maximum	40	43	46	37	32	38	42	44	52	56	37	33	43	53	66	70	58	60	58	75	85	75	60	72	62	64	72	51	52	70	64	54.8
	Minimum	23	30	30	26	11	10	27	29	25	31	22	15	16	19	25	52	37	27	36	46	45	58	41	40	36	33	50	29	19	35	40	31.1
Clarion[6]-3 SW	Maximum	38	36	42	36	38	46	44	39	49	46	30	26	34	53	63	66	51	58	70	76	76	71	64	66	64	67	69	44	54	61	62	52.9
	Minimum	14	30	29	20	2	6	30	22	17	16	16	− 7	− 3	8	22	41	31	21	34	43	40	49	35	43	24	38	41	20	13	33	29	24.4
Claysville	Maximum	44	54	52	36	37	45	46	40	50	46	39	29	38	58	64	66	61	62	77	75	78	72	67	64	72	70	67	41	56	67	65	56.1
	Minimum	15	34	34	24	8	17	34	27	21	26	18	5	8	18	33	52	35	27	42	41	57	54	51	39	29	54	40	24	18	38	41	31.1
Coalport/	Maximum	37	44	37	32	34	42	41	36	31	30	28	29	34	52	62	65	38	60	62	72	78	66	57	67	62	65	70	39	54	60	60	49.8
	Minimum	19	20	30	27	4	3	10	25	20	22	24	− 2	− 3	9	15	40	34	20	27	40	42	52	41	41	25	29	47	22	12	14	30	23.8
Coatesville/	Maximum	36	35	45	36	31	41	45	44	49	53	35	34	38	50	64	67	55	58	61	74	85	75	55	67	60	68	72	39	49	68	72	53.6
	Minimum	19	20	29	30	10	6	16	30	22	26	29	15	15	15	23	30	18	24	28	35	49	54	54	42	34	26	37	32	21	29	35	28.5
Columbia	Maximum	41	35	45	43	33	42	39	46	52	57	52	35	40	52	65	72	65	62	58	76	84	80	70	72	61	65	73	68	52	72	67	57.2
	Minimum	21	30	33	29	11	11	30	30	25	25	31	15	16	30	27	52	49	28	37	42	45	60	41	46	33	36	56	33	21	39	47	33.2
Corry	Maximum	40	35	36	28	28	48	43	34	42	36	26	22	31	50	57	61	45	58	66	68	67	62	58	60	67	66	62	36	51	56	61	48.4
	Minimum	12	29	23	14	5	6	31	23	23	21	12	−10	− 6	8	37	45	30	29	42	40	46	44	38	36	28	44	36	18	20	28	31	25.4
Coudersport	Maximum	36	33	42	29	29	41	45	40	45	43	34	30	35	54	61	63	52	56	55	68	70	62	51	62	60	59	62	51	52	60	63	49.8
	Minimum	5	26	22	17	14	− 5	16	23	18	14	12	−16	−11	29	34	39	31	24	30	40	42	34	35	41	24	35	49	19	11	35	29	28.1
Curwensville[1]-6 NW	Maximum	32	39	40	28	29	41	37	31	45	45	28	24	31	48	61	62	41	54	58	66	73	66	49	64	56	60	66	35	52	58	58	47.6
	Minimum	10	25	25	5	− 2	9	26	19	19	27	4	− 3	1	14	32	41	24	25	36	43	52	40	40	36	29	37	23	15	12	34	42	23.9
Derry	Maximum	42	52	50	38	39	47	47	43	51	49	43	29	36	57	63	67	62	64	76	75	79	75	64	67	68	71	69	45	60	68	65	56.8
	Minimum	25	34	36	27	7	15	34	26	24	30	23	9	27	20	40	54	38	26	46	48	53	58	50	45	30	51	45	24	19	40	45	33.8
Donegal[1]	Maximum	36	48	44	32	34	44	40	33	47	45	34	22	32	56	66	63	43	59	72	70	78	65	59	60	62	68	65	34	55	65	58	51.3
	Minimum	17	28	32	12	4	10	30	19	20	25	11	4	6	16	28	40	24	20	41	45	51	46	46	38	24	45	25	16	10	32	41	26.0
Donora[1]	Maximum	48	56	41	39	48	50	48	41	54	49	34	32	40	59	67	68	54	62	78	79	81	69	68	67	74	74	72	41	58	69	68	57.7
	Minimum	25	37	39	30	13	23	36	30	30	34	25	12	16	30	37	54	36	32	51	49	64	61	56	45	37	54	32	26	26	41	46	36.4
Eagles Mere/	Maximum	30	32	32	22	28	37	32	38	42	38	27	24	31	38	49	59	39	49	53	65	68	65	46	60	54	55	62	36	45	60	63	44.3
	Minimum	8	8	24	20	− 5	− 5	8	23	21	23	14	1	1	3	17	30	31	26	28	35	41	52	38	39	26	26	33	20	15	16	43	21.3
East Waterford[6]-3 E	Maximum	30	29	39	28	23	34	37	37	50	45	40	25	33	44	55	64	57	55	52	68	75	71	58	64	55	54	67	43	45	65	56	48.3
	Minimum	14	23	27	17	3	13	23	24	28	34	15	8	12	25	34	48	33	31	33	49	56	58	38	35	33	33	43	22	19	40	46	29.6
Ebensburg/	Maximum	32	42	34	29	34	40	38	37	48	45	26	23	44	52	61	61	40	58	62	70	74	60	53	62	61	63	61	35	55	62	61	49.1
	Minimum	18	26	29	24	3	12	28	22	23	29	24	3	7	18	32	48	31	26	38	43	50	44	46	39	30	39	47	19	15	34	44	28.7
Emporium/-1 E.	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	49.5
	Minimum	9	13	29	24	− 1	− 1	18	26	17	17	19	−11	− 6	12	6	28	27	25	30	40	38	55	32	39	25	33	54	23	11	40	27	22.5
Ephrata/	Maximum	38	34	43	40	35	41	38	45	49	55	47	31	41	49	62	70	63	60	57	75	81	75	64	69	63	64	66	55	51	71	68	54.8
	Minimum	18	28	32	32	10	11	29	29	26	37	29	14	17	19	31	52	47	29	36	50	50	63	41	39	35	31	55	32	22	56	47	33.8
Erie[1]	Maximum	29	37	31	27	22	40	44	31	35	31	23	22	28	52	60	63	39	49	72	61	70	59	44	50	48	70	60	34	54	44	64	44.9
	Minimum	17	29	26	15	10	15	31	26	30	23	15	5	13	23	50	37	31	34	46	38	55	40	35	34	35	48	29	23	27	30	39	29.3
Everett[1]-0.5 SW	Maximum	35	34	44	33	34	37	46	39	51	52	35	30	38	54	67	71	51	60	65	76	84	70	55	68	60	68	76	43	54	70	62	53.6
	Minimum	24	29	31	19	11	9	26	21	20	26	22	16	17	17	23	45	26	23	39	47	43	54	43	42	30	32	39	24	16	30	32	28.3
Farrell	Maximum	41	44	43	32	33	47	46	43	49	47	34	26	34	56	62	65	53	62	65	73	73	73	66	64	70	71	64	57	61	61	67	54.3
	Minimum	21	36	31	12	9	17	34	29	28	26	7	− 6	5	17	38	41	36	31	51	49	62	50	44	39	33	52	31	24	37	37	43	31.1
Ford City/-4 S	Maximum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	55.0
	Minimum	24	33	33	27	7	10	13	27	23	23	23	− 1	3	14	12	44	34	22	25	43	64	57	42	45	27	34	56	23	17	22	32	27.7
Franklin/	Maximum	37	43	35	32	38	47	46	36	48	42	22	25	33	53	61	64	43	58	71	70	71	61	62	61	64	66	65	35	55	60	61	50.5
	Minimum	17	17	29	25	7	7	10	25	23	20	18	− 5	− 5	2	13	31	33	28	28	44	44	53	38	40	29	31	45	28	18	23	34	24.0
Fredericksville-1 S.	Maximum	33	33	39	36	28	41	35	41	50	52	42	32	34	48	57	66	61	55	51	70	76	73	67	66	62	63	60	55	49	77	67	52.2
	Minimum	14	24	29	27	5	2	26	30	19	31	23	10	9	13	25	52	42	23	29	50	45	57	38	36	31	26	26	29	15	33	36	27.6
Freeland	Maximum	30	30	32	30	20	37	37	35	47	42	35	27	30	41	50	62	58	54	49	64	70	68	62	62	51	53	62	55	43	62	64	47.2
	Minimum	12	10	26	18	− 4	3	22	24	22	31	14	4	7	14	26	42	22	27	30	46	48	58	36	35	27	28	50	20	15	28	41	25.2
George School[6]	Maximum	34	34	43	35	29	41	38	44	48	49	39	40	37	48	62	67	60	56	55	73	81	77	64	65	56	68	69	55	47	67	69	53.2
	Minimum	17	25	30	29	7	8	26	28	23	36	24	15	13	17	25	53	39	25	29	50	48	61	38	36	33	27	52	30	20	30	40	30.1
Gettysburg	Maximum	40	37	46	42	33	38	40	44	50	56	48	33	41	52	67	70	63	59	62	76	85	80	73	70	64	71	63	52	70	68	56.9	
	Minimum	24	30	33	32	13	12	29	32	22	31	29	17	18	20	27	54	48	29	38	51	48	65	44	40	39	35	55	32	24	40	46	34.1
Gordon	Maximum	35	33	37	33	26	42	38	39	50	46	42	30	37	47	53	68	47	58	52	72	73	73	47	66	63	58	69	38	50	68	63	50.1
	Minimum	10	25	30	25	5	− 4	27	28	18	29	21	0	0	11	25	44	40	21	34	46	42	47	43	39	28	25	55	28	14	28	41	26.6
Greensburg-2 S	Maximum	43	53	54	39	37	49	47	44	52	48	45	28	38	58	67	68	64	64	77	75	80	75	66	65	69	74	69	46	58	69	65	57.6
	Minimum	23	35	37	28	7	11	34	27	21	27	23	12	6	15	23	52	39	22	38	42	49	55	50	45	27	38	45	25	9	37	30	30.4
Hanover/	Maximum	42	35	45	36	31	40	39	46	50	57	36	32	40	53	68	71	61	61	60	76	84	75	58	67	64	65	74	42	52	70	68	54.8
	Minimum	24	24	31	32	12	14	20	32	28	33	33	16	18	23	30	47	47	31	37	50	58	60	50	40	35	40	31	24	32	48	33	33.3
Harrisburg Arpt. 1-3.5 S.	Maximum	36	34	42	34	28	40	38	42	52	50	36	32	38	53	66	70	57	60	60	74	83	73	60	69	61	65	69	48	52	69	68	53.5
	Minimum	21	28	32	17	11	11	29	29	26	32	20	16	19	23	30	56	38	30	38	52	48	59	41	40	40	34	46	31	25	42	44	32.5
Hawley-0.5 E	Maximum	32	29	35	34	22	40	36	38	49	49	34	29	32	45	53	65	57	52	52	66	66	70	53	63	59	55	70	53	51	65	68	49.1
	Minimum	6	22	27	19	− 5	−14	25	30	16	23	19	1	− 6	0	20	37	30	19	28	48	31	44	36	38	29	29	52	26	15	35	32	28.0
Hewitt-2 SW	Maximum	57	45	47	46	35	38	46	47	54	55	48	39	41	57	70	72	68	61	66	76	86	74	69	67	66	71	77	64	57	62	62	58.8
	Minimum	25	30	32	30	0	7	20	30	19	24	32	16	11	11	21	46	41	20	34	45	40	54	50	43	29	30	44	37	15	35	35	29.2
Holtwood[1]	Maximum	36	36	45	37	31	41	37	43	44	51	38	31	38	47	63	66	57	55	61	72	80	72	56	63	57	64	72	49	49	66	66	52.4
	Minimum	23	31	34	19	14	14	31	29	28	36	23	19	20	23	30	48	39	33	38	45	48	55	43	41	40	37	49	32	28	43	46	33.5

Continued on page 23.

Daily Temperatures for March 1948—Continued from page 22.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Huntingdon/	Maximum	39	36	41	35	32	....	43	38	50	54	38	33	....	54	65	71	45	62	66	....	82	72	68	71	72	65	74	..	55	71	64	55.4[a]
	Minimum	28	24	32	32	12	8	....	12	23	26	27	17	10	....	14	33	44	26	26	42	..	43	49	42	31	36	39	....	17	19	34	27.4[a]
Indiana 2.5 SE	Maximum	37	41	45	40	37	47	46	45	50	48	43	27	35	55	67	67	65	62	75	71	79	77	64	67	66	70	69	50	58	67	65	56.0
	Minimum	24	32	36	27	5	16	32	25	20	25	21	- 1	0	11	25	48	25	21	44	40	46	15	45	44	26	47	49	23	13	36	35	28.5
Irwin	Maximum	44	51	51	37	39	41	45	43	51	50	45	29	34	58	62	66	65	65	75	74	79	79	66	65	68	73	73	46	55	68	67	56.9
	Minimum	21	35	35	27	8	15	33	26	25	29	21	6	9	22	33	51	37	26	47	47	58	57	50	43	30	50	45	24	19	36	42	32.5
Jamestown/-2 NW	Maximum	39	44	35	37	35	50	46	39	49	37	20	25	33	53	60	64	46	59	74	70	63	59	65	59	65	72	67	37	56	56	63	50.9
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	25.5
Johnstown/	Maximum	36	48	41	35	39	44	47	36	54	52	36	30	37	60	69	68	45	64	69	76	80	68	59	68	65	69	70	40	60	71	62	54.8
	Minimum	27	28	33	32	10	15	23	23	26	32	34	18	17	22	29	35	40	28	37	45	49	61	53	46	34	39	51	25	20	36	35	32.2
Kane[1-1 N	Maximum	35	38	38	28	29	46	41	30	44	39	22	26	33	49	56	61	41	57	61	67	70	58	52	60	61	60	65	31	51	57	62	47.4
	Minimum	5	28	24	7	- 7	- 3	27	17	16	14	- 5	-16	-10	3	24	38	24	24	39	35	36	31	31	30	23	37	25	13	10	31	29	18.7
Lancaster	Maximum	39	36	45	45	35	42	41	46	50	56	53	35	40	49	63	72	66	60	56	77	84	82	73	69	68	65	73	65	51	71	67	57.2
	Minimum	20	28	31	30	10	10	29	29	22	34	27	15	15	17	29	50	42	25	35	40	43	57	41	39	31	38	55	31	19	34	38	31.1
Lawrenceville	Maximum	37	34	34	26	26	46	41	39	46	39	32	32	36	48	55	65	52	55	51	67	67	62	53	63	56	58	72	58	51	59	63	49.1
	Minimum	10	27	25	13	- 9	- 7	31	27	22	20	15	-11	- 9	2	30	40	32	25	33	46	36	52	39	44	28	35	53	23	16	37	29	24.3
Lebanon	Maximum	38	33	42	35	31	41	38	42	52	53	32	31	38	50	61	71	52	59	59	75	79	75	65	68	60	64	68	60	52	70	69	53.6
	Minimum	19	21	29	31	9	10	17	30	25	28	29	13	17	22	25	33	47	28	32	38	49	51	50	39	37	33	40	30	23	32	43	30.0
Lewistown/-2 SW	Maximum	40	35	42	35	34	42	42	42	56	56	30	35	41	53	59	72	48	63	65	74	82	72	53	72	62	80	73	44	55	72	65	54.6
	Minimum	20	19	30	30	12	10	12	22	26	28	29	15	16	20	23	27	45	26	27	39	44	48	50	42	35	38	42	30	21	24	31	28.4
Lock Haven	Maximum	35	40	38	40	32	36	40	39	39	51	48	25	35	47	50	47	55	67	70	62	70	73	70	50	72	64	65	68	60	70	69	52.5
	Minimum	19	30	29	27	4	2	30	31	23	23	18	- 4	0	19	22	15	34	14	39	46	51	56	43	42	32	34	30	23	14	36	42	26.6
Marcus Hook/	Maximum	39	40	51	40	35	40	43	49	47	54	39	40	40	49	63	65	63	60	62	80	84	84	62	71	63	69	68	42	51	70	69	55.9
	Minimum	23	24	34	32	14	17	24	32	32	34	35	21	22	27	33	39	51	35	37	40	51	52	52	41	42	37	41	32	28	35	46	34.3
Martinsburg[1, 5]	Maximum	32	34	44	31	30	38	43	36	52	59	37	28	34	51	62	67	50	59	62	73	80	69	53	67	59	64	68	37	53	67	60	51.6
	Minimum	20	29	28	14	8	12	28	26	27	29	19	12	13	21	32	48	29	28	40	49	49	50	42	40	34	39	35	23	16	38	49	29.9
Meadville/-1 S	Maximum	39	39	33	23	34	48	45	36	46	36	19	25	29	51	59	62	45	60	70	69	69	59	57	59	65	67	60	34	53	57	60	48.6
	Minimum	14	30	25	28	6	9	33	24	24	18	15	-11	- 2	11	19	43	32	25	44	45	48	55	39	35	27	46	55	19	19	30	31	26.8
Mercer[1-2.5 NE	Maximum	38	42	41	30	35	45	43	35	45	38	24	22	32	50	59	63	42	57	69	67	70	61	63	58	65	66	64	34	53	58	59	49.3
	Minimum	14	31	27	10	5	14	29	22	21	19	2	-12	0	14	35	38	30	26	44	44	56	39	38	34	30	47	25	18	17	30	43	25.5
Middletown[1-1.5 W	Maximum	39	34	43	35	30	40	38	42	53	52	34	31	39	51	64	69	56	60	61	74	80	73	60	69	61	64	67	48	51	69	67	53.4
	Minimum	20	29	32	16	11	12	30	29	27	31	20	16	17	21	27	54	36	29	38	50	47	56	42	39	36	34	47	28	23	39	41	31.5
Midland[6]	Maximum	44	45	45	40	36	45	48	39	49	43	30	28	38	56	69	66	54	60	76	76	73	74	72	62	67	70	67	37	60	70	64	54.9
	Minimum	20	34	32	17	9	19	33	26	26	26	10	8	14	20	31	43	33	28	46	42	61	50	50	40	31	41	30	24	27	40	42	30.7
Montrose/-3 E	Maximum	32	33	30	25	15	37	35	34	45	35	16	22	28	40	47	59	34	50	56	63	65	64	47	57	53	55	66	28	47	59	65	43.3
	Minimum	5	7	22	22	- 8	- 5	0	25	20	21	13	- 1	0	6	15	30	29	24	27	33	45	50	36	37	25	28	35	18	15	19	36	20.3
Mt. Pocono[1-2 N	Maximum	26	27	32	29	19	41	37	35	43	47	24	23	28	40	50	59	49	50	53	63	70	66	45	59	54	54	60	39	44	61	63	44.8
	Minimum	5	18	24	0	- 3	0	24	21	18	23	7	2	5	9	25	46	26	24	30	43	41	43	35	36	29	27	39	18	12	28	40	22.4
Newburg	Maximum	28	24	31	24	20	32	34	36	46	50	33	26	34	46	50	62	44	50	50	66	74	62	50	62	52	52	60	36	45	62	58	45.2
	Minimum	16	22	20	14	2	4	20	17	16	20	13	6	10	10	18	42	20	20	26	44	40	52	32	32	24	22	38	22	10	25	33	22.3
New Castle[6-1.5 N	Maximum	40	43	45	33	39	46	47	40	49	42	27	27	35	55	63	66	45	60	75	72	77	71	65	63	68	68	66	38	56	62	63	53.1
	Minimum	16	33	29	14	7	14	33	24	22	20	6	- 7	2	16	25	43	29	25	47	40	53	44	50	37	27	49	30	23	20	34	36	27.1
Palmerton[1]	Maximum	30	31	38	33	25	42	37	40	49	50	31	31	35	46	55	66	55	54	56	69	70	72	52	64	56	62	65	46	48	67	68	49.8
	Minimum	15	25	30	10	6	3	29	26	22	31	15	10	6	13	28	52	30	24	37	46	43	51	39	39	32	30	46	25	19	33	43	27.7
Park Place[1-1 NW	Maximum	27	29	32	28	18	38	35	35	44	41	25	25	29	42	53	63	51	51	53	65	69	67	50	60	53	55	62	40	44	62	62	45.4
	Minimum	8	19	27	3	- 1	5	22	23	21	24	8	4	9	16	27	47	28	27	32	47	49	49	35	35	30	28	38	19	16	29	43	24.7
Phila. Arpt.[1-7 SW	Maximum	37	38	48	36	30	41	40	45	47	51	38	34	38	48	65	68	57	58	62	75	85	80	63	67	60	70	71	49	49	69	70	54.5
	Minimum	21	30	33	19	11	13	30	32	29	34	24	17	20	24	36	57	37	31	31	51	52	59	40	40	36	32	49	30	23	20	34	33.2
Philadelphia C.O.[1]	Maximum	34	38	48	37	32	40	39	45	47	52	42	35	38	48	64	66	57	55	61	75	84	78	65	67	58	68	69	51	48	67	69	54.1
	Minimum	22	30	34	21	12	19	30	34	34	39	25	18	22	29	36	57	40	38	35	57	54	65	40	40	38	36	51	31	29	37	49	35.5
Phila. Shawmont	Maximum	41	36	46	42	59	38	42	44	48	50	49	32	41	47	64	67	65	56	58	73	83	80	71	67	65	67	70	38	50	68	70	55.7
	Minimum	21	30	33	32	10	9	9	31	26	38	30	18	17	41	30	54	47	29	35	56	48	63	41	40	35	31	37	35	25	38	41	33.2
Philipsburg[1-7 E	Maximum	32	33	42	28	26	36	38	31	46	46	30	23	30	46	54	62	44	54	60	68	75	68	49	66	55	58	68	35	50	63	58	47.5
	Minimum	7	26	26	5	0	- 3	24	14	14	21	5	- 8	4	5	33	44	23	18	34	42	43	43	38	39	25	37	30	19	9	39	46	22.6
Phoenixville-1.5 SE	Maximum	51	44	46	42	35	45	41	45	50	53	53	35	40	50	63	70	76	66	65	83	88	90	84	75	78	76	76	81	61	75	72	61.6
	Minimum	20	29	32	32	10	7	30	30	22	37	28	16	13	16	24	55	45	24	32	45	47	65	41	40	32	27	58	35	21	33	36	31.7
Pittsburgh Arpt.[1-7.5 SE	Maximum	42	52	47	35	35	46	45	38	52	46	29	28	37	59	65	69	48	61	75	79	79	71	64	65	68	72	68	38	57	67	64	54.9
	Minimum	22	35	34	15	9	21	33	25	30	29	14	9	14	26	40	44	38	33	47	50	60	52	50	43	36	52	29	22	23	37	48	32.9
Pittsburgh City Office[1]	Maximum	43	51	49	36	36	48	47	39	51	46	30	30	39	58	66	68	49	62	76	73	79	73	66	64	70	73	68	38	59	69	66	55.6
	Minimum	24	36	35	17	13	23	36	28	33	30	14	12	18	26	40	45	38	33	47	50	60	52	50	43	36	52	29	22	23	37	48	34.9
Port Clinton/	Maximum	33	35	40	32	25	41	37	40	49	54	30	29	33	45	65	68	50	53	61	70	72	71	52	66	51	62	65	37	47	68	67	49.9
	Minimum	15	26	28	30	8	5	15	27	23	23	29	12	8	14	28	23	45	25	25	39	40	43	50	39	33	31	35	32	18	36	41	27.3
Putneyville/-2.5 SE	Maximum	36	45	39	30	35	46	45	36	49	45	25	26	34	52	63	65	41	58	72	70	77	64	59	65	65	68	67	37	55	59	62	51.3
	Minimum	16	27	27	22	1	4	10	21	18	17	18	- 7	- 7	3	10	49	29	20	22	39	43	53	36	40	24	31	25	18	12	21	34	21.8
Quakertown-0.5 E	Maximum	34	33	41	36	31	42	39	42	48	51	47	31	35	45	58	66	63	55	53	70	80	76	71	65	64	64	67	65	49	67	69	53.5
	Minimum	14	24	29	29	5	5	26	29	22	34	23	12	13	14	23	52	41	24	30	51	54	62	38	36	33	25	55	30	21	32	36	29.7
Reading[1]	Maximum	35	35	44	37	32	42	41	43	51	55	37	33	38	49	62	68	58	58	61	73	80	76	62	69	61	66	68	49	51	70	70	54.0
	Minimum	21	28	33	18	11	14	30	35	30	37	21	16	20	22	32	56	39	34	39	55	50	62	41	41	39	35	49	30	27	38	51	34.0
Ridgway/	Maximum	41	41	35	33	35	49	43	33	48	47	21	31	35	51	62	64	37	58	63	70	72	61	55	66	68	64	67	37	55	63	64	50.5
	Minimum	11	11	30	23	- 1	1	4	23	17	12	17	-13	-12	- 4	9	28	28	23	24	45	39	42	35	35	23	25	43	21	10	15	31	19.2
Scranton[1]	Maximum	34	31	36	33	20	39	35	40	50	42	30	24	31	47	54	68	52	54	59	67	69	71	50	62	57	59	71	48	51	64	68	48.9
	Minimum	14	24	30	9	2	0	30	30	26	30	14	7	8	15	31	52	32	26	41	47	44	48	43	41	33	37	48	26	21	39	48	28.9
Selinsgrove	Maximum	37	34	37	35	26	38	38	40	52	49	44	33	37	47	56	71	68	57	55	71	73	71	69	70	68	58	72	66	51	69	72	53.7
	Minimum	15	29	32	23	7	5	28	27	23	26	20	12	7	20	24	40	41	24	40	50	40	48	47	42	32	37	52	28	19	39	36	29.5
Shippensburg	Maximum	42	36	44	38	34	40	40	42	53	57	46	34	42	52	63	71	63	60	58	75	84	80	60	73	72	64	70	60	52	69	66	56.1
	Minimum	22	30	31	31	11	11	27	31	26	31	26	15	18	20	26	50	45	27	36	50	46	58	42	40	38	30	51	29	21	35	39	32.0
Somerset	Maximum	35	41	48	39	34	40	42	40	53	50	40	25	35	57	67	61	60	60	66	74	77	72	59	63	62	65	65	44	57	65	61	53.5
	Minimum	20	28	35	26	5	9	29	24	18	28	21	9	12	14	20	47	36	20	41	50	44	55	49	42	26	38	43	20	13	38	36	28.9
Springs[6-1 SW	Maximum	33	50	52	38	31	36	40	45	49	48	36	24	34	55	66	61	53	56	67	70	76	66	53	57	57	64	66	38	55	63	55	51.4
	Minimum	21	27	35	20	1	10	29	22	20	28	17	9	12	13	25	45	28	23	41	48	47	52	47	42	27	32	37	18	14	29	35	27.5
State College[1]	Maximum	36	33	42	31	26	41	41	37	49	49	32	28	35	49	59	66	49	58	64	70	77	70	53	68	58	58	69	38	52	67	61	50.5
	Minimum	15	29	30	13	8	9	28	28	27	30	14	8	12	19	34	49	32	28	40	51	49	52	46	41	35	41	38	25	20	42	52	30.5
Sunbury[1]	Maximum	37	33	38	32	28	39	38	40	52	45	29	33	37	47	56	69	50	56	58	72	73	68	50	68	60	57	70	45	50	68	66	50.5
	Minimum	16	29	32	11	8	7	28	25	26	28	15	12	10	20	29	50	31	27	41	42	40	47	44	42	38	35	45	29	21	41	40	29.3
Tamarack/-2 S	Maximum	31	36	33	25	25	41	35	33	45	45	15	28	34	45	53	61	40	53	57	68	70	62	46	64	53	53	75	33	49	60	57	46.0
	Minimum	7	7	24	20	- 2	- 2	13	22	21	23	15	0	1	5	19	31	32	26	30	34	42	52	37	38	22	30	36	18	13	17	39	21.6
Tionesta/-1.5 SE	Maximum	37	41	34	28	37	47	44	33	48	38	27	29	32	50	59	62	44	58	69	71	70	59	61	60	66	64	65	45	54	58	63	50.1
	Minimum	12	15	28	22	2	4	10	23	18	25	15	-12	- 9	2	11	37	32	25	24	44	41	54	35	34	22	31	47	20	15	30	29	22.0
Titusville-2 S.	Maximum	37	34	37	30	32	45	44	42	45	42	30	22	32	50	55	60	47	58	66	68	70	65	61	59	64	62	62	45	51	59	60	49.5
	Minimum	12	28	25	20	0	4	30	22	19	10	13	-10	- 1	13	34	45	30	26	42	42	53	46	34	34	25	45	45	19	15	30	36	25.4
Towanda-1 E.	Maximum	39	31	35	30	24	35	42	41	51	41	31	32	36	47	57	67	51	56	57	69	70	68	54	65	55	58	70	57	52	59	68	49.9
	Minimum	10	25	26	12	- 6	-11	28	30	20	24	13	- 6	-12	- 3	31	41	33	22	38	49	35	53	38	42	29	37	55	25	16	41	30	24.7
Tunkhannock/	Maximum	36	36	34	27	20	42	41	40	49	40	19	27	32	46	58	68	39	54	62	67	70	72	54	....	....	64	71	37	54	65	68	44.9[b]
	Minimum	10	18	26	24	- 2	-12	0	28	17	23	17	- 2	- 9	2	26	39	34	21	30	36	34	50	41	40	....	....	35	25	14	35	33	20.4[b]
Uniontown	Maximum	49	58	56	40	40	50	47	45	53	52	45	32	41	60	70	68	63	68	78	78	82	77	67	67	73	74	68	46	60	70	65	59.4
	Minimum	25	38	39	29	11	23	36	28	27	31	28	12	14	22	32	52	41	28	50	47	63	59	55	44	33	55	46	26	20	44	48	35.5

Continued on page 24.

Daily Temperatures for March 1948—Continued from page 23.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Warren	Maximum	39	35	38	31	33	50	38	35	47	41	27	28	48	53	58	63	44	60	63	60	74	60	57	64	66	65	68	35	53	61	65	50.8
	Minimum	12	28	24	13	3	6	28	28	22	21	11	− 4	− 5	10	30	41	30	26	39	40	44	38	39	39	27	44	20	12	17	32	35	24.0
Waynesburg	Maximum	47	57	56	39	38	48	48	47	52	50	46	31	39	60	66	67	65	65	78	77	80	79	71	65	74	73	68	46	59	69	66	58.9
	Minimum	18	32	30	26	9	14	31	25	22	25	19	8	7	15	22	46	38	24	35	37	49	57	50	40	27	41	39	21	15	34	32	28.6
Wellsboro/	Maximum	43	36	32	25	25	48	39	38	49	41	17	34	40	49	56	63	43	61	60	77	70	64	50	64	60	57	68	35	52	62	63	49.1
	Minimum	8	8	27	22	− 3	− 7	− 7	26	17	17	16	−12	−12	−10	5	28	33	22	24	36	34	41	33	40	24	26	38	22	13	18	26	17.8
Wellsville	Maximum	38	36	44	40	32	38	38	47	50	52	....	48	39	50	66	70	63	58	54	74	83	75	71	69	63	64	69	60	51	69	68	54.2[a]
	Minimum	28	29	31	31	10	7	28	26	22	29	....	13	12	16	22	54	41	23	31	41	43	52	42	40	35	31	54	32	18	39	35	29.5[a]
West Chester	Maximum	35	35	45	36	30	41	37	44	48	52	44	33	38	48	63	68	58	58	58	74	84	76	70	66	60	68	72	54	53	68	70	54.4
	Minimum	29	29	32	30	10	10	29	28	27	37	27	15	19	22	32	55	37	30	34	50	55	64	40	38	38	33	54	32	23	34	44	33.5
Wilkes-Barre Arpt.[1-3N.]	Maximum	33	32	34	32	18	38	36	39	48	41	33	24	30	43	53	67	59	53	59	66	67	68	54	62	57	59	69	56	49	63	69	48.7
	Minimum	12	24	29	7	1	− 2	28	26	23	28	11	4	4	13	32	47	27	25	39	47	47	48	41	40	32	35	45	24	20	38	49	27.2
Williamsport Arpt.[1-4 E]	Maximum	36	34	35	30	26	35	35	38	47	45	29	32	36	45	52	69	48	55	62	70	69	70	51	69	57	57	73	44	50	66	65	49.4
	Minimum	15	29	30	13	6	1	28	23	23	26	11	7	1	11	32	40	28	26	38	43	42	46	43	43	32	38	44	26	18	39	41	27.2
Williamstown	Maximum	35	33	38	36	28	47	38	40	52	48	46	30	37	50	55	68	65	58	55	71	77	72	68	69	67	60	69	60	51	66	65	53.4
	Minimum	13	27	32	28	7	2	27	29	23	30	21	11	12	15	29	50	42	25	38	52	47	55	43	40	35	31	56	28	19	32	47	30.5
York-3 SW	Maximum	42	38	45	43	35	42	41	43	51	57	55	35	40	53	67	73	64	63	58	77	86	83	72	71	71	67	76	59	55	71	70	58.2
	Minimum	22	30	32	32	12	10	31	30	25	34	30	16	13	20	27	57	45	27	37	43	46	62	44	41	34	31	54	33	20	40	47	33.1

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	31.03	5	29.27	27	9.7	37	sw.	19	82	73	79	44	863
Harrisburg	30.96	5	29.25	27	9.0	34	s.	16	76	57	60	59	681
Philadelphia	30.88	5	29.25	27	9.0	27	s.	16†	82	60	65	55	638
Philipsburg	30.91	5	29.30	27	.....	41	sw.	16	86	60	67	.....	923
Pittsburgh	30.91	5	29.34	27	11.5	47	w.	22	74	52	56	45	618
Reading	30.93	5	29.24	27	10.1	37	n	4†	....	.....	.....	48	655
Scranton	30.98	5	29.22	27	7.1	29	sw.	16	74	59	....	45	807

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	5.4	13.1	23	2.4	14	18
Easton	Delaware	7.8	22.3	23	3.0	15	22
Lehighton	Lehigh	4.6	7.6	20	3.4	6	9
Reading	Schuylkill	7.0	9.1	20	5.5	15	13
Wilkes-Barre	N. Br. Susquehanna	11.5	28.8	23	4.3	13	22
Williamsport	W. Br. Susquehanna	6.9	13.7	22	3.0	14	20
Newport	Juniata	6.0	7.8	21	4.7	15	22
Harrisburg	Susquehanna	7.1	13.6	24	4.3	15	17
Schenley, (nr) Lock No. 5	Allegheny	14.6	28.8	23	13.3	15	24
Sutersville	Youghiogheny	5.6	10.0	6	4.6	14	20
Charleroi (nr.), Lock No. 4	Monongahela	15.8	23.6	25	12.2	15	30
Pittsburgh	Ohio	.....	22.4	25	*	.....	25
Midland, Dam No. 7	Ohio	.....	28.2	25	12.5	8	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras												1				3																
Fog, heavy		10	12	7			9									6			10			6	12	9		4	4				
Frost, killing																															
Glaze		20	10	13		10	16				17																2				
Hail																3	1		1		2						5				
Rain, heavy																					1										
Sleet		2	25	5	5		18	20			20								1					1			1				
Snow, heavy																															
Thunderstorms																10	2		30	2	22	2	1			5	45				5
Winds, high		7	5		10	8	5	7	19		4	4		4	10	38	5	4	40	15	15	10		10	6	15	32	25	15	10	38

(W. B. O., Philadelphia—6-28-48—1100)

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

1.05
P

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

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CLIMATOLOGICAL DATA

PENNSYLVANIA SECTION

L. F. CONOVER
HARRISBURG, PA.

VOL. LIII. APRIL 1948. No. 4.

SUBSCRIPTION PRICE: 25 CENTS PER ANNUM; (NOT STAMPS).
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GENERAL SUMMARY.

This month was wet and warm. 1929 is the only year of record that had a greater average rainfall. Only 1920 and 1944 averaged more days with 0.01 inch or more of precipitation. There were five rather distinct wet periods, 1-2, 6-8, 11-15, 24-25, and 27-29. The 1st, 3d, and 5th spells produced the bulk of the rainfall total for the month. The average rainfall over the west portion of the Commonwealth was close to 6.5 inches while the east portion's average was just over 5.1 inches. The areas of heaviest rainfall were mainly in Westmoreland, Armstrong, and Cambria counties. Chester county in the east recorded the least rainfall. Tamaqua recorded measurable precipitation on 19 days of the month, while Burnt Cabins, Emporium, Stroudsburg and Claysville reported measurable precipitation on only 10 days of the month. Thunderstorms were reported over the Commonwealth on 16 days of the month, with hail occurring on the 8th, 11th, 20th, and 27th. Moderate hail fell for 10 to 15 minutes at Pittsburgh on the evening of the 27th.

The average temperature departure from normal for the east portion was an excess of near one degree, while the west portion's departure was in excess of nearly four degrees. As a consequence of this warmth there are only three other Aprils of record with less average snowfall. Highest temperatures were recorded generally on either the 20th or 26th, with few stations reporting other dates. The lowest temperatures during the month were recorded generally on one of the three dates — 4th, 10th, or 18th. The warmth of this April would normally have fostered forest fires, but the frequent rainy spells kept forest fire activity at a minimum.

At the beginning of the month, a slow moving disturbance over southeastern Canada with a trough southwestward along the Appalachians was drifting slowly eastward. As the trough moved across Pennsylvania it produced the general rainfall on the 1st and 2d of the month with many stations recording over an inch. During the night of the 2d, a vigorous mass of polar air moved into our area attended by strong northwest winds, snow flurries, and temperatures below freezing over much of the north and west portions of the State. On the 4th and 5th, afternoon temperatures rose to near 70 degrees with southwest winds aiding a brief increase in brush fires. From the 6th to the 8th Pennsylvania was in and out of the active weather zone with general showers. The night of the 8th saw the arrival of another cold air mass from the northwest with a return to below freezing temperatures in the mountains. The westward lobe of the Bermuda High Pressure area strengthened as pressures built up over the Atlantic Ocean on the 10th. This produced the blocking effect on the normal west to east movement of weather with a trough of Low Pressure extending from the upper St. Lawrence to the Lower Mississippi Valley. A series of small disturbances moved northeastward along this trough attended by very moist warm air which, when it was forced upward over the cool surface air, produced general moderate to heavy rainfall with several stations recording an inch or more a day for four consecutive days.

The heavy rainfall from the 11th to the 15th caused rises in rivers throughout the State. The crest at Pittsburgh was nearly 5 feet above flood stage, but was not high enough to cause great damage or loss of property, since in most cases there had been sufficient warning to permit protection of property. Crest stages on the main stem of the Susquehanna did not reach flood. Slight flooding occurred in the lower portions of the

(Continued on page 29.)

TEMPERATURE.

The average temperature for the State as deduced from the reports of 84 stations was 50.8°, which is 2.1° above the 61-year normal for April. The highest monthly mean was 58.4° at Uniontown and the lowest was 43.3° at Newburg. Extremes ranged from a maximum of 89° at Uniontown and Waynesburg on the 26th to a minimum of 15° at Kane on the 4th and 10th.

PRECIPITATION.

The average precipitation for the State, as deduced from the observations at 207 stations, was 5.55 inches, which is 2.10 inches above the 61-year normal for April. The greatest monthly amount was 10.10 inches at Carrolltown, while the least was 2.77 inches at Maple Glen. The greatest amount recorded in any 24 consecutive hours was 2.87 inches at Lycippus on the 27-28th.

The average snowfall for the State was 0.1 inch, which is 2.0 inches below the 61-year normal. The greatest monthly snowfall was 2.0 inches at Gordon. The greatest fall for any observational day was 2.0 inches at Gordon on the 28th.

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		No. of days.			
	Mean	Highest	Lowest	Average	Average Snowfall	.01 inch or more prec.	Clear	Partly cloudy	Cloudy
1888	47.2	92	12	2.52	1.3	8	14	10	6
1889	49.7	88	14	4.50	0.9	11	11	8	11
1890	48.6	85	12	3.46	0.4	10	14	8	8
1891	49.8	87	11	2.08	1.2	8	13	9	8
1892	46.9	85	14	2.04	1.1	10	10	10	10
1893	47.7	85	16	4.74	0.6	14	7	10	13
1894	48.0	83	5	3.62	14.7	11	11	8	11
1895	49.2	90	5	3.76	0.2	10	10	8	12
1896	53.0	97	4	1.75	0.9	8	10	10	10
1897	49.0	92	12	3.30	0.3	10	12	9	9
1898	45.6	84	4	2.93	2.5	12	9	8	13
1899	50.2	92	2	1.76	0.5	6	15	9	6
1900	49.2	90	13	1.57	0.9	8	14	8	8
1901	47.2	95	10	5.41	4.9	11	9	5	16
1902	48.0	91	20	3.56	3.0	9	8	10	12
1903	48.8	90	12	3.53	T.	10	11	7	12
1904	44.7	86	9	3.45	1.0	13	8	8	14
1905	48.4	84	16	2.84	2.8	12	9	11	10
1906	50.0	89	12	3.13	0.6	9	14	8	8
1907	43.6	84	8	2.64	4.0	11	10	7	13
1908	49.8	89	0	3.51	1.0	12	12	8	10
1909	48.5	87	8	5.39	2.6	13	10	9	11
1910	52.6	89	13	5.07	0.6	13	10	9	11
1911	46.2	84	6	3.79	4.4	13	11	7	12
1912	50.2	83	18	4.39	1.6	15	10	7	13
1913	50.6	90	17	3.82	0.2	11	12	6	12
1914	47.3	93	5	4.66	1.1	14	10	8	12
1915	53.9	98	15	1.92	1.6	8	13	10	7
1916	48.0	87	16	3.65	5.6	14	9	9	12
1917	48.5	87	14	2.08	2.6	9	11	10	9
1918	48.2	81	12	4.53	10.8	14	10	9	11
1919	48.5	90	6	2.70	1.2	11	10	10	10
1920	46.0	87	8	4.39	3.0	16	9	9	12
1921	55.3	96	10	3.11	0.8	11	13	7	10
1922	50.1	91	11	3.17	0.4	12	12	9	9
1923	48.3	89	−5	2.94	1.9	9	14	8	8
1924	46.5	82	6	4.15	7.4	12	13	7	10
1925	51.3	96	9	2.32	0.5	10	15	7	8
1926	44.9	84	9	2.03	0.9	9	12	9	9
1927	47.7	92	17	3.52	1.0	13	12	7	11
1928	46.0	88	11	5.50	6.5	13	12	8	10
1929	51.4	94	19	6.12	1.1	15	9	8	13
1930	48.2	92	9	2.71	1.1	10	11	8	11
1931	48.4	85	16	3.33	2.3	10	14	6	10
1932	47.0	86	14	1.71	1.2	8	14	6	10
1933	50.9	89	15	4.49	0.5	13	12	8	10
1934	48.9	86	14	3.06	0.6	11	13	8	9
1935	47.1	91	12	2.56	2.9	11	11	7	12
1936	46.1	90	14	3.01	1.3	14	8	8	14
1937	47.7	89	19	5.53	0.2	14	9	8	13
1938	51.3	92	11	2.85	3.5	10	13	7	10
1939	46.7	90	9	3.70	1.0	15	7	9	14
1940	45.1	82	9	5.30	2.3	12	9	7	14
1941	55.1	94	18	2.02	T.	6	17	7	6
1942	52.8	94	14	2.21	4.5	7	13	8	9
1943	43.1	83	7	3.97	3.7	14	9	9	12
1944	45.5	81	6	4.06	2.5	16	7	8	15
1945	52.4	90	18	4.17	T.	13	10	8	12
1946	47.8	88	13	1.19	0.3	9	11	9	10
1947	49.1	85	11	3.86	0.1	14	8	9	13
1948	50.8	89	15	5.55	0.1	15	9	8	13
Period	48.7	98	−5	3.45	2.1	11	11	8	11

Climatological Data for April 1948

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours[4]	Date	Total snowfall (unmelted)	Precipitation .01 inch or more	Clear	Pt. cloudy	Cloudy		
Atlantic Drainage																				
Allentown Arpt. 9-4 NE	Lehigh	384	7	49.8	+1.1	80	20	25	18	3.50	+0.10	1.24	11-12	0	13	6	6	18	s.	U.S. Weather Bureau.
Altoona-4.5 W.	Blair	1,500	62	51.5	+3.4	82	20	24	4	7.11	+3.66	1.60	11-12	T.	16	11	12	7	w.	City of Altoona.
Burnt Cabins-2 NE	Fulton	996	6	50.4	.....	88	20	18	4	3.96	.....	0.83	12	.....	10	8	9	13	s.	Penna. Turnpike Comm
Canton-1 NW	Bradford	1,450	8	45.2	.....	78	20	18	10	6.63	.....	0.95	1-2	T.	17	8	8	14	s.	Mrs. Mildred L. Spencer.
Carlisle	Cumberland	473	79	52.5	+1.8	84	20	25	18	4.48	+0.94	1.07	13-14	T.	17	...	...	...	nw.	Clarence E. Miller.
Chambersburg-1 SW	Franklin	600	52	51.6	+1.1	81	20	25	4	3.90	+0.69	0.95	27	0	12	7	12	11	s.	Charles A. Bender.
Coatesville	Chester	431	60	50.4	−0.1	79	20	24	11	2.90	−0.83	1.04	1	0	12	11	5	14	e.	Philadelphia Electric Co
Curwensville Apt-6 NW	Clearfield	2,215	5	47.0	.....	79	20	16	4	8.55	.....	2.33	11-12	0.4	17	3	8	19	se.	U. S. Weather Bureau.
Eagles Mere	Sullivan	2,020	6	44.0	.....	75	20†	19	10†	7.92	+3.90	1.70	31	T.	16	9	5	16	nw.	Carl E. Bigger.
East Waterford-3 E.	Juniata	2,125	10	48.4	.....	80	20	24	4	5.72	+1.84	1.03	31-1	1.5	14	3	11	16	nw.	U. S. Weather Bureau.
Emporium-1 E	Cameron	1,100	61	49.7	+3.0	84	26	18	4	6.55	+3.03	1.75	11-12	.....	10	8	6	16	nw.	R. E. Palmateer.
Ephrata	Lancaster	365	50	52.8	+1.6	82	20	29	4†	3.41	+0.01	1.03	13-14	0	13	10	12	8	w.	Wm. W. Halligan
Everett-0.5 SW	Bedford	1,020	25	51.2	+2.3	87	20	23	18	5.72	+2.52	1.29	27-28	.....	15	4	11	15	nw.	Penna. Turnpike Comm
Freeland	Luzerne	1,970	54	47.1	+2.6	78	20	20	9	5.27	+1.23	1.60	31-1	1.8	12	14	3	13	n.	Andrew B. Evansha.
George School	Bucks	184	41	49.8	−0.6	78	20	26	10	3.59	+0.03	2.05	1	0	11	13	8	9	nw.	George M. Hart.
Gettysburg	Adams	553	74	52.8	+1.8	83	20	29	4†	4.51	+0.86	1.32	31-1	0	13	5	11	14	s.	Hugh C. McIlhenny.
Gordon	Schuylkill	900	43	48.9	+1.3	82	20	22	18	5.85	+1.75	1.89	31-1	2.0	14	11	5	14	w.	Miss Sallie M. Johnson
Hanover	York	600	43	52.0	−0.4	83	20	29	4	3.15	−0.41	0.51	14	0	14	8	12	10	s.	Hanover Evening Sun.
Harrisburg Arpt.-3.5 S.	Dauphin	351	78	52.2	+1.3	83	20	28	18	3.97	+1.28	1.16	13-14	T.	15	3	8	19	nw.	U. S. Weather Bureau.
Hawley-0.5 E	Wayne	980	37	48.4[a]	+2.8	81	20	20	18	4.61	+1.34	0.91	13-14	0.2	17	11	11	8	w.	Mrs. Della M. Pennell.
Holtwood	Lancaster	200	32	51.8	+0.3	77	20	34	4	3.77	+0.75	0.95	31-1	0	12	9	7	14	nw.	Penna. Water & Power Co
Huntingdon	Huntingdon	700	60	51.3[3]	+1.9	81	20	23	4	6.84	+3.37	1.46	11-12	.....	13	12	8	10	e.	J. W. Shilling.
Lancaster	Lancaster	255	60	52.2	+2.6	84	20	24	18	3.85	+0.34	1.09	13-14	0	13	10	8	12	nw.	Lancaster Water Bureau
Lawrenceville	Tioga	996	50	50.2	+4.2	79	26	22	10	3.75	+0.89	0.92	13-14	.....	11	6	12	12	n.	Carlos P. Darling.
Lebanon	Lebanon	469	63	50.8	+0.5	82	20	29	4†	5.54	+2.07	1.70	31-1	0	18	12	8	10	sw.	Lebanon Valley Gas Co.
Lewistown 1 W	Mifflin	580	9	52.0	...	86	20	27	4	6.24	...	1.42	11-12	T.	13	9	9	12	w.	American Viscose Co.
Lock Haven	Clinton	557	56	51.8	+1.5	76	26	29	18	3.48	+0.03	1.32	11-12	...	14	14	6	10	nw.	Samuel C. Dickey, Jr.
Marcus Hook	Delaware	12	20	54.0	−0.7	76	12†	33	10	3.57	0.00	1.19	31-1	0	13	5	7	18	sw.	Sun Oil Co.
Martinsburg[5]	Blair	1,493	5	50.8	.....	80	20	24	4	5.90	...	1.52	11-12	T.	14	4	7	19	nw.	U. S. Weather Bureau
Montrose-3 E	Susquehanna	1,176	42	44.7	+1.0	74	20	20	4†	6.20	+2.84	1.05	13-14	T.	17	7	6	17	s.	Harry S. Fancher.
Mt. Pocono Arpt.-2 N.	Monroe	1,914	6	44.5	+2.1	76	20	20	10	4.98	+1.09	1.32	1	0.3	13	6	4	20	nw.	U. S. Weather Bureau.
Palmerton	Carbon	455	29	49.4	+1.1	79	20	25	18	3.52	+0.40	1.03	31-1	T.	11	13	9	8	s.	New Jersey Zinc Co.
Philadelphia C. O.	Philadelphia	26	77	52.4	+0.3	78	20	34	10	3.54	+0.49	1.56	31-1	0	12	7	8	15	s.	U. S. Weather Bureau.
Philipsburg-7 E.	Centre	1,916	5	47.2	.....	80	20	17	4	7.90	.....	2.03	11-12	T.	18	5	5	20	nw.	U. S. Weather Bureau.
Phoenixville-1.5 SE	Chester	100	38	55.4	+3.5	85	20	24	18	3.02	−0.53	1.24	31-1	0	12	13	9	8	w.	Phila.-Suburban Water Co
Port Clinton††	Schuylkill	407	9	49.0	−0.5	80	20	25	18	4.61	+0.47	1.06	11-12	0	16	16	4	10	n.	Earl E. Rarick.
Quakertown-0.5 E	Bucks	480	62	49.6	+1.0	77	20	25	18	3.96	+0.51	1.22	31-1	0	13	8	12	10	s.	John E. Benner.
Reading	Berks	273	77	52.3	+1.5	81	20	32	18	3.56	+0.29	1.03	11-12	0	13	7	1	22	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	746	58	49.6	+1.5	78	20	26	10	4.60	+1.83	1.20	11-12	T.	16	6	8	16	sw.	U. S. Weather Bureau.
Selinsgrove	Snyder	476	57	52.9	+3.5	83	20	25	18	5.58	+2.03	1.10	13-14	.....	14	9	6	15	s.	Selinsgrove Arpt.
State College	Centre	1,217	62	51.2	+3.6	82	20	25	4	6.59	+3.15	1.19	13	T.	14	4	12	14	sw.	Penna. State College.
Stroudsburg-2 E.	Monroe	440	28	.....	.....	81	21	.....	.....	4.81	+1.11	1.39	31-1	0	10	8	9	13	nw.	Metropolitan Edison Co.
Sunbury	Northumberland	443	2	50.4	.....	81	20	26	18	4.73	...	1.28	11-12	T.	18	5	3	22	s.	U. S. Weather Bureau.
Tamarack-2 S	Clinton	2,250	7	45.6	.....	81	20	19	4	6.13	.....	1.40	11-12	T	19	3	12	15	w.	James E. Swartz.
Towanda-1 E	Bradford	754	53	50.4	+3.9	80	20	21	18	5.18	+2.26	1.28	13-14	T.	15	6	7	17	w.	Mrs. M. Ordelia Parks.
Wellsboro	Tioga	1,819	77	46.0	+1.5	81	20	19	4	5.29	+2.02	1.21	11-12	T.	17	9	4	17	s.	M. S. Bliss.
West Chester	Chester	440	98	51.4	+1.4	80	20	29	4	2.99	−0.77	1.33	31-1	0	13	8	8	14	nw.	Clyde T. Saylor
Wilkes-Barre Apt.-3N	Luzerne	544	9	49.1	.....	78	20	26	10	5.27	+2.34	1.27	13-14	T.	15	5	7	18	sw.	U.S. Weather Bureau.
Williamsport Apt.-4E	Lycoming	520	3	50.1	...	84	20	24	18	5.69	.....	1.36	11-12	T.	18	4	8	18	e	U. S. Weather Bureau.
Williamstown	Dauphin	775	31	51.6	+1.9	83	20	24	18	6.35	+2.79	2.10	31-1	.....	13	3	18	9	...	Gordon E. Lower.
York-3 SW	York	390	59	54.3	+3.2	84	20	25	18	4.71	+1.46	1.10	13-14	.....	13	7	13	10	sw.	York Water Co.
Division mean			....	**50.1**	**+0.9**	**88**	**20**	**16**	**4**	**5.00**	**+1.38**	**2.63**	**27-28**	**0.1**	**14**	**8**	**8**	**14**	nw.	
Ohio Drainage																				
Blairsville-6 NE	Westmoreland	2,048	12	50.2	.....	81	26	23	4†	8.31	+3.87	2.69	11-12	T.	15	2	5	23	nw.	U. S. Weather Bureau.
Bradford-4 W	Mc Kean	1,680	30	48.3	+3.1	79	26†	16	4†	5.81	.....	1.16	5-6	T.	16	5	11	14	w.	City Water Dept.
Brookville Apt.-1.5SW	Jefferson	1,400	57	49.5	+4.6	81	26	19	4	7.70	+4.58	1.85	11-12	T	17	3	4	23	w.	Civil Aeronautics Authority
Butler	Butler	1,077	34	54.6	+6.3	88	27	20	5	6.64	+3.21	1.58	27-28	0.1	17	11	6	13	nw.	Butler Eagle.
Clarion-3 SW	Clarion	1,114	37	50.4	.....	85	26	17	4	7.08	+3.36	1.88	11-12	T.	18	8	3	19	w.	Penna. Electric Co.
Claysville	Washington	1,170	44	55.0	+4.6	87	26	21	10	4.93	+1.42	1.67	11-12	.....	10	10	7	13	nw.	Walter B. Paget.
Corry	Erie	1,410	33	51.5	+6.4	83	26	20	4	5.39	+1.73	1.07	13-14	1.0	17	6	13	11	nw.	Geo. R. Mulderick.
Coudersport	Potter	1,653	23	49.7	+4.6	81	26	17	4	5.33§	+1.64	1.08	11	T.	15	8	12	10	s.	Potter Enterprise.
Derry	Westmoreland	1,150	50	55.6	+6.0	85	26	22	4	7.21	+3.39	2.06	11-12	0	16	10	10	10	w.	Miss N. Dixie Wineman.
Donegal	Westmoreland	1,746	4	49.0	.....	79	24†	16	4	7.06	.....	1.98	12	T.	14	5	10	6	w.	Penna. Turnpike Comm.
Donora	Washington	761	21	56.6	+4.7	87	26	28	4	6.49	+2.86	1.63	12	T.	13	9	11	10	nw.	Donora Zinc Works.
Ebensburg	Cambria	2,170	30	48.8	+3.6	78	20†	19	4	7.81	+4.31	2.40	11-12	T.	15	6	11	13	s.	John L. McGough.
Farrell	Mercer	855	34	57.2	+8.3	86	26†	25	4	4.99	+1.93	1.70	27-28	0	11	13	12	5	ne.	Sharon Steel Corporation
Ford City-4 S	Armstrong	950	4	51.4	.....	85	26	20	4	7.80	...	2.45	11-12	T.	17	10	1	19	e.	U.S. Engineers.
Franklin	Venango	987	73	50.4	+4.3	84	26	21	4	5.89	+2.71	1.50	11	T.	14	14	6	10	s.	William K. Fuller
Greensburg-2 S.	Westmoreland	1,160	38	54.4	+4.1	85	26†	19	4	7.45	+3.67	1.92	11-12	T.	14	11	6	13	sw.	Westmoreland Water Co.
Indiana 2.5 SE	Indiana	1,102	46	53.0	+3.7	85	26	18	4	7.92	+3.95	2.23	11-12	T.	16	2	14	14	nw.	Clymer Water Service Co.
Jamestown-2 NW	Mercer	1,050	6	...	.....	84	26	...	...	5.16	+1.75	1.77	27-28	.....	15	...	...	...	se.	Pa. Dept. Forests & Waters
Johnstown	Cambria	1,650	65	53.6	+3.8	88	26	25	4	7.94	+3.87	1.94	11-12	T	16	7	10	13	sw.	Johnstown Tribune Pub. Co
Kane-1 N	McKean	1,756	32	45.8	.....	82	26	15	4†	5.55	+1.67	1.57	11-12	1.2	17	5	6	19	w.	Spring Water Co.
Meadville-1 S	Crawford	1,065	53	50.6	+5.0	84	26	19	10	4.45	+1.11	1.03	11	0.6	16	3	11	13	sw.	City of Meadville.
Mercer	Mercer	1,296	8	49.8	...	82	26	19	3†	5.77	...	1.96	27	T	15	4	10	16	w.	U. S. Weather Bureau.
Midland	Beaver	780	11	54.6	+3.9	86	26	28	10	7.48	+3.61	2.09	11-12	T	15	11	4	15	nw.	Perry P. Campbell.
New Castle-1.5 N	Lawrence	900	67	52.7	+4.1	86	26	22	4	4.33	+1.26	1.36	11-12	0.2	16	10	8	12	s.	New Castle Water Co.
Pittsburgh Apt.-7.5 SE	Allegheny	1,286	14	54.7	+5.5	85	26	28	4	6.03	+3.11	1.72	27-28	T.	15	3	11	16	nw.	U. S. Weather Bureau
Putneyville-2.5 SE	Armstrong	1,270	4	49.6	.....	85	26	20	4†	9.84	...	2.74	27-28	0.2	18	17	6	7	sw.	U. S. Engineers.
Ridgway	Elk	1,385	40	48.9	+3.7	84	26	16	4†	7.22	+4.11	1.65	11-12	T.	14	6	8	16	s.	West Penn Power Co.
Somerset	Somerset	2,100	76	51.4	+5.2	82	26	18	4	6.36	+1.87	1.77	11-12	0.3	16	4	7	19	nw.	D. L. Grove.
Springs-1 SW	Somerset	2,500	28	48.9	+3.4	81	26	19	4	6.42	+2.42	2.30	11-12	T.	16	2	9	19	w.	Allen E. Yoder.
Tionesta-1.5 SE	Forest	1,200	10	49.6	.....	83	26	19	4	7.17	+3.35	2.34	11	T.	14	7	7	16	sw.	U. S. Engineers.
Titusville-2 S.	Crawford	1,550	4	50.9	.....	79	26†	17	4†	5.37	...	1.38	11	0.5	18	3	21	6	se.	U. S. Weather Bureau.
Uniontown	Fayette	1,040	59	58.4	+7.0	89	26	24	4	5.93	+2.17	1.98	11-12	T.	15	9	16	5	sw.	William W. Marsteller
Warren	Warren	1,190	59	51.0	+6.1	85	26	19	10	5.82	+2.29	1.30	11-12	...	15	18	8	4	se.	Merrell L. Jordan
Waynesburg	Greene	1,100	18	54.5	+3.6	89	26	19	10	6.18	+2.64	1.39	11-12	.....	12	5	18	7	w.	Mfr's Light & Heat Co
Division mean			....	**51.8**	**+3.7**	**89**	**26**	**15**	**4†**	**6.50**	**+2.95**	**2.87**	**27-28**	**0.1**	**15**	**10**	**7**	**13**	w.	
Lake Drainage																				
Albion	Erie	900	4	50.7	.....	80	20	19	10	3.78§	.....	0.88	13-14	.....	12	14	10	6	w.	Albion High School
Erie	Erie	705	74	50.3	+5.2	80	20	29	4	5.19	+2.46	1.84	5-6	T.	18	5	11	14	w.	U. S. Weather Bureau.
State mean			...	**50.8**	**+2.1**	**89**	**26**	**15**	**4†**	**5.55**	**+2.10**	**2.87**	**27-28**	**0.1**	**15**	**9**	**8**	**13**	nw.	

[See page 32 for explanation of reference marks.]

Daily Precipitation for April 1948

Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ATLANTIC DRAINAGE																																	
Delaware Basin																																	
UPPER DELAWARE																																	
Dingmans Ferry[2], 0.5 E	Pike	1.18		.06				.14					1.11	.46	.74	.72		.06				.07		.05	.15				T	T.		4.74
Equinunk[2]	Wayne	.88	T.	.10	.03		.01	.13		T.	T.		.90	.10	.90	1.00		.15				.61			.05	.40				.06		5.32
Hawley[2], 0.5 E	Wayne	.55	.11	.07	T.		T.	.04	.10	.01	T.		.75	.27	.91	.71		.14				.59			.04	.19	.01			.08	.04		4.61
Hollisterville[2]	Wayne	.72	.20	.26				.08	T.	.02	.01		.92	.22	.90	.72						.90			.03	.26				.02	.01		5.27
Lakeville[2], 1 N	Wayne	.50	.07	.07	T.		.06	.09	T.	T.			.85	.17	.88	.78		.17				.58			.06	.15				.09	.02		4.54
Matamoras[2]	Pike	.71	.08				.18						.92	.51	.94	.76		.17				.27			.09	.28					.16		5.07
Milanville[2]	Wayne	.45	.02	.06			.12		.11				.95	.21	1.02	.66		.12				.45			T.	.40				.03	.01		4.61
Mount Pocono[1], 2 N	Monroe	1.32	.12	T.			.03		T.	T.		.94	.50	.51	1.09		.12	T.		T.	.01	.04		T.	.07	.08			T.	T.	.15		4.98
Pecks Pond[2]	Pike	1.64	.06	.03	T.			.01	T.	T.			1.43	.30	.82	.68	T.	.10				.15			.02	.21				.04	T.		5.49
Pleasant Mount[1, 5], 1 W	Wayne	.86	.15				.18		.10			.94	.18	.52	1.40		.28				.47	.11			.13	.24				.10	.13		5.79
Stroudsburg[2], 2 E	Monroe	1.39	T.					.05	T.	T.			1.16	.17	.80	.88						.06			*	.26			.04	T.			4.81
Tanners Falls[1, 5], 1 SE	Wayne	.40	.05				.13		.11			.84	.26	.62	1.39			.07			.25	.18			.07	.28				.18	.06		4.89
Wind Gap[1, 5], 3 SW	N'rthampton	.86	.12				.02					*	1.27	.18	1.06		.04								.21			.07					3.83
LEHIGH																																	
Allentown Apt[1, 5, 9], 4 NE	Lehigh	.72	.09				.05	T.	.01	T.		.71	.53	.25	.05		.04			T.	T	.04			.09	.11		T.	.12	T.	T.		3.50
Allentown[2]	Lehigh	.97	.06	.04				.07	.06	T.	T.		.69	.46	.55	.61		.03		T.		.05			.06	.08	.02		.06	.07			3.88
Bethlehem[1]	N'rthampton		.10				.03	.03	.03	T.		.85	.46	.31	.69		.04					.03			.06	.09		.01	.11				§§
Blakeslee Corners[1, 5]	Monroe	.97	.10				.09					1.00	.66	.41	.97		.11				.02	.05			.13	.13					.08		4.72
Gouldsboro[2]	Wayne	1.12	.02	.12				.07	.03	.02			.95	.62	.83	.70		.18		T.		.33	.02		.06	.16			.02				5.25
Lansford[2]	Carbon	1.70	.08	.10				.03	T.				1.04	.48	.62	.85		.12				.02			.10	.12			.20	.19			5.65
New Tripoli	Lehigh	1.11	.03				.07		.02	T.		.63	.52	.17	1.32	.04		.07				.03			.10	.06		.09	.26		T.		4.52
Palmerton[1, 5]	Carbon	1.04	.07				.03		T.	T.		.68	.34	.15	.92		.06			T.	T.				.08	.03		T.	.12				3.52
Zionsville, 1 SW	Lehigh	1.25	.10				.15					.55	.80	.10	1.05	.08									.15	.16			.22				4.55
SCHUYLKILL																																	
Conshohocken[2]	Montgomery	1.54	.20					.08	.01				.46		.51	.24									.23				.14				3.41
Fredericksville[2], 1 S	Berks	.85	.06	.01				.14	.03	T.	T.		1.23	.11	.43	.71	T.	.03				T.			.06	.10			.19	.11			4.06
Geigertown[2]	Berks	1.11	.24						.05				.86	.10	1.00	.07		.03							.06	.20			*	.22			3.94
Gratersford[2]	Montgomery	.89	.17					.28					.79	.11	.32	.53									.03	.16		.14					3.42
Phoenixville[2], 1.5 SE	Chester	1.07	.17	.01				.07	T.	.02			.52	T.	.50	.33		T							.02	.16			.14	.01			3.02
Port Clinton[2]	Schuylkill	.99	.11	.03				.04	.08				1.06	.34	.39	.84		.11		.02		.04			.08	.09			.23	.16			4.61
Pottstown[2], 0.5 S	Montgomery	.77	.31					.33	T.	.18	T.		.76	.13	.47	.57	T.			T.		T.			.03	.07			.09				3.66
Pottsville[2]	Schuylkill	1.75	.08					T.	.09		T.	T.	1.15	.25	.36	.93									.17	.28			.42	.12			5.60
Reading[1, 5]	Berks	.48	.08				.26		.02	T.		.48	.55	.24	.86	T.	.04			T.		T			.02	.13		.23	.17				3.56
Strausstown[2]	Berks	.94	.09	.02				.01	.14				.97	.29	.40	.88		.15		.01		.04			.04	.18			.27	.24			4.67
Virginville[2]	Berks	.65	.07	.02				.11	.05	T.			1.10	.30	.41			.09					T.		.14				.32	.15			3.41
Wernersville	Berks	.54	.08				.15		.06	T		.60	.55	.15	1.15	.03		.07		.01		.01			.06	.21		T	.36				4.03
LOWER DELAWARE																																	
Coatesville[2]	Chester	1.04	.12	.01				.02	T.	T.			.38	T.	.59	.35	T.	.02							.10	.09			.14	.04			2.90
Doylestown	Bucks	1.06	.03				.05					.47	.50	.03	.47	.12		T							.08	.17		.02	.04	T.			3.04
George School[6]	Bucks	2.05	.02				.04					.25	.15		.65	.15		T				T.			.19	.06		.02		.01			3.59
Maple Glen[7]	Montgomery	1.43	.06					.07	.01				.43	.04	.32	.25										.09			.07				2.77
Marcus Hook[2]	Delaware	1.19	.20	.02				.02	T.	T.	T.		.45	.02	1.12	.28		.02		T.					.04	.11			.08	.02			3.57
Philadelphia																																	
International Arpt.[1]	Philadelphia	1.48	.06				.02	T.	.01	T.		.37	.07	1.40	.33	.02	.01	T.		T.					.02	.07		.05	.01	T.	T		3.92
City Office[1, 5]	Philadelphia	1.50	.08				.02	T.	T.	T		.35	.08	.99	.26	.03				T		T.			.01	.15		.06	.01				3.54
Shawmont	Philadelphia	1.75	.03				.10	.10				.18	.15	.10	.40	.13		.10							.10	.15		T.	.12				3.41
Quakertown, 0.5 E	Bucks	1.22	.12	T.			.11		.02			.43	.71	.05	.85	.14		.04				T.			.08	.09		T	.10	T.			3.96
West Chester	Chester	1.33	.03				.02		.02	T		.39	.13	.47	.26	.02									.09	.09		.09	.05				2.99
West Grove[2], 1.5 SE	Chester	1.65	.16	.02				T.		.03			.45	*	1.01	.22	.02									.30			.20	.03			4.09
Susquehanna Basin																																	
CHEMUNG																																	
Austinburg[1, 5], 2 W	Tioga																																
Covington[2]	Tioga	.65	.82				.18	.22	.11				.96	.11	.84	.51				.03		.62			T.	.10			.16				5.25
Lawrenceville	Tioga	.44	.55				.40		.10			.29	.36	.20	.92		T	.05		T		.34			T.			T.		.05			3.75
NORTH BRANCH																																	
Berwick	Columbia	.79	.24				.13		.05	.02		.60	1.16	.38	1.20	.02		17		.01		.18			.10	.16		.02	.22				5.45
Canton[2], 1 NW	Bradford	.93	.95	.11			.10	.09	.13		T.		.83	.15	.90	.93		.20		.08		.78			.11	.17			.14	.03			6.63
Danville[2]	Montour	.68	.14	.11					.13				1.35	.41	.59	.72		.18				.23			.16	.17			.32	.20			5.42
Freeland[2]	Luzerne	1.60	.05	.32		T.	T.						1.07	.40	.50	.73	.05			.04					.16	.17				.18			5.27
Hop Bottom[2], 2 S	Susquehanna	1.15	.10	.10				.12		.06	.04		.72	.20	.85	.99		.40				.58			.10	.22				.07			5.70
Hillville[1, 5]	Columbia	.13	.25				.09		.27			.96	.56	.42	.88		.09				.29	.35			.22	.08		.13	.21				4.93
Monroeton[2], 2 S	Bradford	.85	.67	.12	T		T.	.32	.13		.01		.44	.42	.85	.85		.23		.14		.65			.07	.21			.04	.01	T.		6.01
Montrose[2], 3 E	Susquehanna	.55	.40	.09	T.		T.	.14	.04	T.	.02		1.01	.15	1.05	1.03		.34		T.		.62	.01		.04	.29				.10	.02		6.20
Orwell[2], 3 N	Bradford	.91	.54	.05			.02	.24	.06				.67	.04	.82	.61		.26		.08		.42			.07	.13				.02			4.84
Park Place[1], 1 NW	Schuylkill	.93	.19				.06	T.	.01	.01		.71	.85	.45	.95		.19			.01	.04	.02			.24	.70		.11	.15	T.	T.		5.62
Pikes Creek[1, 5]	Luzerne	.36	.06				.10		.02			1.15	.52	.69	1.48	.01	.12					.31			*	.35			.20				5.65
Rush[2]	Susquehanna	.33	.39	.07			T.	.04	.09		T.		.96	.15	.96	.95		.30		.03		.65			.06	.15				.04			5.17
Scranton[1, 5]	Lackawanna	.29	.10	T.			.07		.11	.01		.65	.55	.49	1.04		.14			T.	.32	.38			.12	.19			T.	.04	.10		4.60
Susquehanna[2]	Susquehanna	.78	.26	.14	.03		T.	.26	T.		T.		.86	.05	.78	.79		.34		.06	.01	.42	T.	.02	.09	.53				.05	.03		5.50
Towanda, 1 E	Bradford	.70	.79	T			.25		.10	T.		.12	.45	.36	1.28	T.	T.	.15		.04	.07	.64			.05	.08		T.	T.		.10		5.18
Tunkhannock[2]	Wyoming	.98	.09	.08	T.		T.	.08	.17	.04			.58	.21	.73	.76		.22				.46			.03	.16			.01	T.	T.		4.60
Wilkes-Barre[1], 3 N	Luzerne	.63	.12	T.			.19		.06	T.		.78	.58	.53	1.20	T.	.17			T.	.35	.28		T.	.14	.13			.01	T.	.10		5.27
WEST BRANCH																																	
Bellefonte[2]	Centre	1.03	.85	T.			T.	.20			T.		1.55	.75	1.11	.65		T.				.10			.40	.10			.60	.20			7.54
Carrolltown[2]	Cambria	.64	.18	.05			.23		.19	.01	T		2.50	.91	1.50	.80		.02				T			T.	.31			2.63	.09			10.10
Carter Camp[2]	Potter	.81	.32	.03			.25		.38				2.07	.19	.83	.58		.14		.17		.76			.23	.43			.54	.08			7.81
Cedar Run[2]	Lycoming	.63	.51	.09			.09	.05	.13				1.41	.22	.92	.77		.03		.04		.64			.27	.15			.39	.07			6.41
Clearfield[2]	Clearfield	.78	.12	.01			T.	.06	.23	T.	.01		2.26	.49	1.14	.82		.07				.43			.96	.32			.87	.14			8.71
Coalport[2]	Clearfield	.70	T.	T.				.10	.10	T.			.45	1.10	1.20	1.25									.24		T.		.50	.45			6.09
Curwensville Apt[1] 6 NW	Clearfield	.14	.17	T.		T.	.20	.04	.24	.05		1.89	.49	1.30	1.31	T.	.08	T.	T.	T	.45	T.		T.	1.19	.01	T.	.44	.54	T.	.01		8.55
Driftwood[1, 5]	Cameron	.13	.16				.03		.14			1.67	.20	.91	.82						.23	.07			.78	.02		.10	.34				5.60
Dushore[1, 5]	Sullivan	.10	1.01				.23		.13			.55	.31	.59	.93	.05	.17				.51	.10			.09	.13			.12		.10		5.12
Eagles Mere[2]	Sullivan	1.70	.80	.15				.19	.06	T	T.		1.23	.42	.95	.79		.17		.06		.66			.15	.14	T.		.24	.21			7.92
Emporium[2], 1 E	Cameron	.59	.31	.02			.24	.02	.37		T.		1.75	.43	.90	.37		.09				.36	T		.42	.22			.43	.03			6.55
English Center[1, 5]	Lycoming	.32	.45				.22		.12			1.44	.26	.74	1.26		.04				.48	.04			.26	.02		.14	.36				6.15
Galeton	Potter		.50	T.			.51	T.	.09	T.		1.10	.75	.47	.94		.11					.70		.09	.01		T	.31	.19		T.		5.77

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEST BRANCH (continued)																																	
Karthaus[2]	Clearfield	.53	.15	T.			.03	T.	.31		.03		2.03	.46	1.22	.81		.10		T.		.68			.45	.34			.41	.02			7.57
Lock Haven	Clinton	.72	.25				T.	.07	.05			.52	.80	.55	.35			.04				.03			.02	.04			.02	.02			3 48
Medix Run[1, 5]	Elk	.16	.19				.11		.20			1.97	.25	.98	.76		.05				.20	.04			1.41	.03		.11	.26				6.72
Philipsburg[1, 5, 7 E]	Centre	.15	.31	T.			.06	T.	.06	.01		1.41	.78	1.44	1.21	.01	.04		T.	T.	.41	.06		T.	.85	.04	T	.48	.57	.01	T.		7 90
Renovo[2]	Clinton	.70	.38	.04			.01	.08	.14		.01		1.35	.37	.98	.88		.04				.39			.26	.29			.34	.11			6.37
State College[1, 5]	Centre	.49	.15	T.			.10	T.	.17	T.		1.14	.99	1.19	.91	T	.03		T.	T.	T.	.01		T.	.65	.04		.42	.30	T.			6.59
Tamarack[2, 2 S]	Clinton	.42	.32	.02			.04	.12	.08	T.	.01		1.40	.46	.88	.71		.10		.05		.45	.01		.25	.25			.45	.11			6.13
Trout Run	Lycoming																								.72	.08		.74	.39				7.36
Tyrone [1, 5, 4 NE]	Blair	.17	.05				.11		.08	.03		1.64	.90	1.43	.99	.01	.02								.11	.05	T.		.21	.06			5.29
Wellsboro[2]	Tioga	.71	.51	.01	T.		.12	.20	.14				1.21	.08	.70	.61		.09		.01		.47			.31	.05		.18	.30		T.		5.69
Williamsport Apt.[1, 4 E]	Lycoming	.17	.41				.18		.11	.01		1.09	.52	.96	.83	.03	04		T	.05	.33	.12		T	.31	.05		.18	.30				7.34
Williamsport[2]	Lycoming	.72	1.14	.07			.04	.20	.11				1.48	.51	.92	.98		.04		.04		.04			.11	.19			.34	.08			6.11
Williamsport[2, 4 SE]	Lycoming	1.38	.48	.09				.09	.15				1.08	.26	.36	.68		.10		.06	T.	.55	T		.14	.15			.38	.16			
JUNIATA																																	
Altoona, 4.5 W	Blair	.08	.32				.29	.03	.37	.02		.50	1.60	1.00	1.25			.10				.03			.15	.11		.53	.73				7.11
Breezewood[1, 0.5 E]	Bedford	.33	.08				.13					.15	.98	.57	.46									.01	.15	.10		.80	.28				4 04
Buffalo Mills[2]	Bedford	.82	.34	.03			.08	.04					1.08	.55	.76	.40										.55	.26	.11	1.31	.11				6 44
Burnt Cabins[1, 2 NE]	Fulton		.26				.07					.23	.83	.45	.76										.26	.09		.71	.30				3 96
East Waterford[2, 3 E]	Juniata	1.03	.34	.02	T.			.22	.02	T.	T.		.68	.62	.57	.58		11		T					.63	.18			.49	.23			5 72
Everett[2, 0.5 SW]	Bedford	.54	.31	.01			T.	.12		.01	T.		.92	.53	.53	.50									.49	.21	.06	.02	1.29	.18			5.72
Huntingdon[2]	Huntingdon	.57	.92	T.			.07	.19	.07				1.46	.76	1.15	.67		.06							.09	T.			.66	.17			6 84
Lewistown[2, 1 W]	Mifflin	.80	.60	T.			T.	.12	.04		T.		1.42	.66	.78	.51		.01					T.		.69	.09			.30	.22			6 24
Mapleton Depot[2]	Huntingdon	.44	.21	.02			T.	.25	.02		T.		.97	.51	.78	.58		.06							.05	.14		.27	.68	.12			5.10
Martinsburg[1, 8]	Blair	.08	.05	.02			.41	T.	.01	T.		.32	1.31	1.07	.72	T.	.05			T.					.59	.11		.94	.22				5 90
McConnellstown[2, 4NW]	Huntingdon	.73	.74	T.			T.	.31	.23		T.		1.64	.50	.45	.77		.07				T			.14	.14			.84	.23			6.79
Neffs Mills[1, 5, 3.5 NE]	Huntingdon	.58	.08				.15		.19			1.13	.90	.94	.84	.03									1.00	.08		.47	.30				6 69
Newport[2]	Perry	1.05	.05	.03				.11	.07		T.		.82	.50	.53	.68									.38	.15			.41	.32			5 10
Saxton[2, 1 W]	Bedford	.60	.25	T.			.05	.23				T.	.90	.80	.86	.54		T.							.06	.47			.89	.13			5.87
Shade Gap[1, 5, 0.5 SW]	Huntingdon	.18	.05				.24					.24	.91	.48	.47										.29	.03		.66	.23				3. 78
LWR SUSQUEHANNA																																	
Arendtsville[2]	Adams	1.20	.02	T.				.01	.01				.47	.22	.62	.79		.01								.09			.66	.20			4.30
Beavertown[2]	Snyder																																
Bloserville, 1.5 N	Cumberland	.72	.10	T.			.30		.02			.27	.84	.43	.87	.04		.05		T.					.56	.06		T	.81				5.07
Carlisle	Cumberland	.73	.04	.03		.17		T.	.02	T		.26	.30	.32	1.07	.04	.04				.03	.05		T	.60	.05		.11	1.31	.11			4. 48
Columbia	Lancaster	.87	.02				T.		T.			.30	.44	.08	1.04	.03		T.							.60	T.		T.	.48	T.			3. 86
Dauphin[2, 3 N]	Dauphin	.86	.03	.02				.11	.04		T.		.55	.36	.44	.74		.18		T		T			.34	.18			.33	.26			4 44
Ephrata	Lancaster	.60	.15				.02		.01			.37	.43	.05	1.03	.03		.04							.16	.24			.28				3. 41
Glen Rock[1, 5]	York	.30	.03				.03	.04	.04			.20	.34	.88	.73		.03								*	.37		.45	.30				3.74
Gordon	Schuylkill	1.89	.31				.05		.02	T.		.57	80	.30	1.01	.05		.14		.02		.04				.32			.33				5 85
Grantville, 2 SW	Dauphin	1.97	.08				.11		.14	T.		.52	.55	.21	1.35	.05		11				.04			.31	.18		.02	.47				6.11
Hanover[2]	York	.42	.01	.02			T.	.02		.02			.40	.22	.46	.51		.06		T					.21	.16			.48	.16			3. 15
Harrisburg Apt[1, 5, 3.5 S]	Dauphin	.48	.07	T.			.12		.07	T.		.21	.43	.38	.95		.05			.01		.04			.57	.10		.19	.30				3 97
Holtwood[2]	Lancaster	.95	.10	T.				T.	T.	.02			.35	.06	.78	.63		.03						T.	.45	.09			.20	.11			3. 77
Huntsdale[2]	Cumberland	.96	T.	.04				.08			T.	T.	.52	.41	.47	.81									.33	.16			.55	.26			4. 59
Kirkwood[1, 5, 1 SW]	Lancaster												.31	.18	.63	.35									.31			.11	.12				
Lancaster	Lancaster	.91	.07				.02		.01	T.		.20	.61	.10	1.09	.01		.05							.22	.21			.32				3 85
Lebanon[2]	Lancaster	1.70	.08	.03	.02			.15	.15	T.	T.		.80	.22	.58	.90		.11	.03	.02	T.	.06	T.		.15	.19	T.		.15	.20			5 54
Middletown[1, 1.5 W]	Dauphin	.40	.18				.14		.04	T.		.22	.42	.30	1.45		T.			T		.04			.53	.04		.24	.34				4. 34
Millersburg[1, 5, 2 E]	Dauphin	.13					.05		.05			.42	.78	.33	.89		.14			.02					*	.45		.22	.41				3. 89
Milroy[2]	Mifflin	.82	.41	T.		.14			.11	T.			1.98	*	2.03		T.	.04			.06			.55		.05			.65				6. 84
Newburg[1, 3.5 NW]	Cumberland	.10		T.			.26	T.	T.	T.		.29	.65	.42	.92		.40					T			.20	.12		.51	.34				4 21
New Park	York	1.04	.05									.63	.07	.05	1.75										.32			.17	.54				4.62
Pine Grove[2, 1.5 NE]	Schuylkill	1.80	.08	.01				T.	.09		T.		.84	.31	.37	1.02		.14		.03		T.			.02	.24			.34	.26			5. 55
Selinsgrove	Snyder	.89	.33				.10		.07			*	1.73	.53	1.10	.02		.11				.04			.09	.16		T.	.41				5.58
Shamokin[2]	N'umberland	1.28	.10	.06				.08	.01		T.		1.37	.44	.55	.89		.15		T		.05			.12	.17			.19	.17			5. 63
Shippensburg	Cumberland	.45	.09				.03		.03	T.		.11	55	.53	.90	T.		.05		T.					.11	.10		.12	.77				3. 84
Sunbury[1]	N'umberland	.08	.26				.11		.04	.02		.89	.70	.54	.94	01	.13			.03	.01	.01		T.	.33	.14		.13	.36				4 73
Wellsville	York	1.47	.18				.03		.02	T.		.19	.34	.23	1.12	04		.05				T.			.06	.09	T.	.07	.59	T			4. 48
Williamstown[2]	Dauphin	2.10	.15	.12				.08	T				.94	.38	.45	.88		.19	T.						.22	.24			.32	.28			6 35
York, 3 SW	York	1.07	.14				.04						.25	.24	12	1.10	.15	.10							.69	.12		.02	.67				4. 71
York Haven[2]	York	.83	.15	.01				.08	T.	T.			.35	.22	.47	.83		.04				T.			.65	.12			.27	.25			4 27
Potomac Basin																																	
Chambersburg[6, 1 SW]	Franklin	.25	.13				.11		T.			.15	.62	.26	.89		.11					T.		T.	.15	.08		.95	.20	T.			3.90
Gettysburg	Adams	1.32	.09	T.			*	.05	*	.05			.45	.16	.54	.82		T							.08	T.			.77	.18			4. 51
Hewitt, 2 SW	Bedford		.10				.17		.23		T.	.07	1.31	.81	.64	.08									.04	.06	.29	.30	1.13				5. 23
Hyndman[2]	Bedford	.72	T.	.30			.16	.03	T.	T.			1.18	.60	.46	.48		.10								28	T.	.15	.80	.07			5.33
McConnellsburg[2]	Fulton	.53	T.					.07					.62	.37	.30	.50		T.							T.	.10			1 20	.13			3. 82
Mercersburg[2]	Franklin	.78	T.	T.				.19		.03			.85	.31	.71	.21									.07	.09			1.01	.15			4.40
South Mt. San't'm[2]	Franklin	1.22						.10	.02	.03			.72	.29	.73	.90		.03								.28			.99	.19	.02		5.52
GULF DRAINAGE																																	
Ohio Basin																																	
ALLEGHENY																																	
Acmetonia[2]	Allegheny	.68	.32	.03			.11	.08	.02	T.	T.		2.10	.88	1.00	.46		.04				.08			.03	.19		.02	.62	.04			6. 70
Allens Mills[1, 3]	Jefferson	.30	.19				.14		.17	.02		2.00	.13	.99	.84		.10				.63			1.21				.32				7. 24
Blairsville[1, 6 NE]	Indiana	.39	.27	T.			.39	.02	.15	T.		1.02	1.67	1.23	1.28	T.	.15			T.	T.	T.		.01	01	.12		1.31	.29				8 31
Boswell[2, 6 NW]	Somerset	.43	.33	.02			.26	.14		.03			1.92	92	1.50	.44										.24	.40	.24	1.28	.23			8.38
Bradford, 4 W	McKean	.49	.17	T.			1.16		.21	.05		.74	.51	.42	83	.02	.03						T	.28	T.	T.	.48	.17		.05	.20		T.	5. 81
Brookville[1, 1.5 SW]	Jefferson	.29	.11	T.			.18		.06	.04		1.71	.19	1.09	1.04	T.	.04				.45			.01	.83	.01	.12	1.23	.30				7. 70
Buckstown[1, 5]	Somerset												1.54	1.24	.55										.11	.04		.67	.51				
Clarion[2, 3 SW]	Clarion	.89	.15	.02			.05	.03	.06	.02	.01		1.88	.33	.90	.57		.04				.30			.06	.40			1.34	.03			7.08
Corry	Erie	.55	.07	T.			.36		.32	.10		.80	.08	.23	1.07	03	.03		T.		T.	.61		.10	.47	.32		.08	.17		T.		5. 39
Coudersport	Potter	.50	.30	.03			.19					1.08	.16	.31	1.01	.02						.31		.01	.61			.06	.44	.30			5. 38
Coudersport[2, 7.5 E]	Potter																																
Derry	W'moreland	.07	.55	.04			.33		.14	.02		.19	2.06	.88	1.22	.08		.12						T.	.10		.40	.25	.76				7.21
Donegal[1]	W'moreland	.50	.29				.27	.01		T.		.30	1.98	1.30	1.04	.07	.01							T.	.06	.09		.61	.53				7.06
Dunlo[1, 5, 0.5 SW]	Cambria	.18	.03				.40			.03		.67	1.54	1.12	.73		.05								.18	.05		1.37	.10				6.45
Ebensburg[2]	Cambria	.72	.12	T.			.23	*	.30	.01	T.	.22	2.40	.80	1.12	.19		.09							.09	.42			1.10				7. 81
Ford City[2, 4 S]	Armstrong	.65	.52	.02			.15	.02		T.	T	.08	2.45	89	.97	.35						.13			.02	.23	.08	.02	1.17	.05			7.80
Franklin[2]	Venango	.50	.08				.11		.06	.02	T.	T.	1.50	.09	.77	.36		.15				.27			.16	.42			1.40				5. 89
Glen Hazel[2, 1 NE]	Elk																																
Home[1, 5]	Indiana	.35	.24				.16			.03		1.97	.56	1.38	.76		.02							.04	.06	.05	.12		1.82	.13			7.69
Indiana	Indiana	.06	.54				.21	.02	.02	T.		.52	2.23	1.13	.98	.04		.03				.04		T.	.40	.25		.41	1.04				7.92
Johnstown[2, 0.5 W]	Cambria	.41	.16	T.	T.		.48	.10	.17	T.	T.	.03	1.94	.68	1.55	.36		.12				T.			.03	.35		.05	1.39	.12			7.94

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Stations	Counties	Day of month																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLEGHENY (continued)																																	
Kane[1], 1 N	McKean	.15	.11	T.		T.	.63	T.	.20	.07		1.55	.02	.52	.78	T.					.20	.01		.11	.63	.02	.03	.18	.34		T.		5.55
Kregar[1], 1.5 SE	W'moreland	.47	.17	.03			.35		.06	.03		.54	1.79	1.54	1.08	.07	.03							.03	.06	.58		.77	.40				8.00
Lyceppus, 1.5 E	W'moreland	.10	.62	.10		T.	.42	.03	.05	.01		.14	2.25	1.00	1.60	.10	T.					T.		1		.22	T.	.43	2.87	T.			9.94
Marieuville[1, 5]	Forest	.14	.12			.03	.18	.02	.18			2.12	.07	.66	.83		.11				.42				.79			.15	.45				6.27
Meadville[2], 1 S	Crawford	.32	.02	T.			.22		.25	.02	.01	.11	.92	.03	.93	.12				T.		.24	T.		.40	.32			.52	.02			4.45
Mosgrove[2]	Armstrong	.51	.32	.05			.14	.07		.02	T.	.02	1.91	.68	.88	.38		.07				.13			.03	.11	.08	.03	1.90	.03			7.36
Parkers Landing[2]	Armstrong	.58	.06							T.	T.	.01	1.62	.43	1.18	.33		.14				.14				.57			1.13				6.49
Pittsburgh City Of[1, 5]	Allegheny	.22	.09				.15			T		1.32	1.03	1.32	.70	.01	.10				.01			.01	.03	.06		1.07	.14	T.			6.26
Port Allegany[2]	McKean	.92	.46	.06			.65	.01	.16	T.	T.		1.68	.05	.61	.41		.02				.21			.33	.09			.28	.02			5.96
Punxsutawney[2]	Jefferson	.58	.41	.02			T.	.12	.04	T.	T.		2.33	.61	.86	.54		.05				.15			.03	.08		.10	.82	.14			6.88
Putneyville[2], 2.5 SE	Armstrong	.78	.48	.06			.10	.20	T.	.02	.15		2.23	.61	.85	1.11	T.	.09				.20			.03	.09		.10	2.60	.14			9.84
Ridgway[2]	Elk	.88	.42	.12			.31	T.	.21	T.	T.		1.65	.23	.76	.54		.14				.41	T		.37	.77			.41	T.			7.22
Saltsburg[2]	Indiana	.50	.47	T.			.21	.02	.06	T.	T.	.08	2.26	.96	1.17	.44		T.				T.			T.	.10	.01	.01	.78	.19			7.26
Seward[2]	W'moreland	.37	.33	.12			.14	.14	.08				1.73	1.14	.81	.87		.11								.21			1.11	.27			7.43
Sheffield[1, 5, 6 W	Warren	.08	.09				.53		.20	.12		1.49		.54	.69		.02				.30			.05	.83			.15	.16				5.25
Smethport[1, 5, 1 SW	McKean																																
Strongstown[1, 5]	Indiana	.27	.15				.35		.07			1.39	1.30	1.16	.87		.03				.02				.97	.20		1.10	.19				8.07
Tionesta[2], 1.5 SE	Forest	.74	.04				.29		.30	T.	T.	.13	2.21	.09	.96	.35	.01					.29			.30	.65			.87				7.17
Titusville, 2 S	Crawford	.44	.06				.43		.32	.04		.76	.62	.33	.81	.06	T.			.01	T.	.43		.06	.06	.40		.17	.35		.02		5.37
Union City[1, 5]	Erie	.01				.15	.16		.19	.05		.60		.39	.74						.43			.11	.75			.03	.09				3.70
Vandergrift[2]	W'moreland	.70	.60	.05			.10	.05					2.60	.90	.95	.78											.08	.06	1.00	T.			7.87
Warren[2]	Warren	.80	.05	.08			.81	T.	.30	.02	T.	.03	1.80	.08	.75	.41						.37			.42	.15			.25				5.82
Youngsville[1, 5]	Warren		.11			.08	.60		.30	.09		1.17		.42	.77	.03					.15			.07	.52			.22	.06				4.59
MONONGAHELA																																	
Confluence[2], 1.5 NW	Somerset	.23	.21	.07			.26	.01		.12	T.		1.80	.98	1.24	.33	T.	.14				.16			.01	.20			.03	.51	.13			6.43
Connellsville[2]	Fayette	.36	.31	.13			.25	T.				T.	1.55	1.09	1.25	.47										.26			.16	.53	.06			6.42
Donora[1]	Washington	.67	.18				.36			T.		.25	1.63	1.00	1.03	T.	.06							T.	.12	.23	.14	.76	.06				6.49
Greensboro[2]	Greene	.40	.55	.05			.21	T.		.01			2.01	.94	1.52	.53	.01	.03				.17							.27	.06			6.76
Greensburg, 2 S	W'moreland	.16	.50	.03			.30	T.	T.	T.		.13	1.92	1.00	1.34	.02		.08						.01		.22		.58	1.16				7.45
Irwin	W'moreland	.15	.65	.01			.26		.01	T.		.12	2.00	1.03	1.19	.03		.06				.06			.05	.18	.01	.08	1.38	.01			7.28
Meyersdale[2]	Somerset	.45	.17	.08			.14			T.	T.		1.64	.81	.80	.30		.24				.08				.10	.08	.12	.72	.04			5.77
Murrysville[1, 5]	W'moreland	.53	.18				.21					1.00	1.14	1.14	1.02		.02								.05	.06		.70	.30				6.35
Pittsburgh Arpt.[1, 5]	Allegheny	.27	.10	T.			.19		.04	T.		.71	1.03	1.02	.79	.01	.02				T.			.02	.02	.07	T.	1.59	.15	T.			6.03
Rices Landing[2]	Greene	.51	.60	.01			.22						1.04	.92	1.68	.62									.03			.10	.48	.05			6.26
Somerset	Somerset		.08	.02			.36		.05	.02		.12	1.77	1.35	1.12	.02		.01							.11	.08	.97	.15	1.03				6.36
Springs[6], 1 SW	Somerset		.19	T.		.05	.31		.22	.01		.12	2.30	.98	.62	.02	.11					.17		T.	.04			.86	.41	.01	T.		6.42
Uniontown	Fayette	.14	.51			T.	.34			.01		.02	1.98	.87	1.29	.03		.01				.02		.01	T.	.05		.21	.44				5.93
Waynesburg[2]	Greene	.73	.46	.02			.41	T.					1.39	.88	1.33	.41		.02				T.			T.			.02	.47	.04			6.18
BEAVER																																	
Beaver Falls[2]	Beaver	.41	.01	T.	T.		.09	.17		T.	T.		1.52	.49	.76	.32	.01	.14							.01	.16	.01		1.18	.02			5.30
Butler	Butler	.53	.09	.01			.34			.01		*	1.85	.90	.94	.06		.08				.04			.02	.11		.04	1.58	.04			6.64
Farrell[2]	Mercer	.38					T					1.02	.13	.77	.06			.14				.24			*	.44		.11	1.70				4.99
Greenville	Mercer	.26	.02	T.			.13			.06		.83	1.24	.24	.78	.02	.05					.23		.01	.06	.29		.31	1.38				5.91
Jamestown[2], 2 NW	Mercer	.19	.05	T.			.12		.13	.01		.12	1.00	.06	.98	.14						.11	T.		.26	.21			1.77	.01			5.16
Mercer Arpt.[1], 2.5 NE	Mercer	.05	.03	T.		T	.03		.01	.02		1.46	.04	.49	.61	T.	.11		T.		.48	T.		.01	.35	T.	T	1.96	.12				5.77
New Castle[1], 1.5 N	Lawrence	.04	.05	T.			.10			.03		1.24	.12	.79	.80	.01	.03				.15			.03	.17	.01	T.	.68	.08	T.			4.33
Pennline, 2, 1 S	Crawford	.22	.07				.10		.07	.03		.06	.47	.02	.94	.18						.28			.09	.58			1.19				4.25
OHIO																																	
Claysville[2]	Washington	.38	.35				.30					.09	1.67	.92	.92									.03				.15	.12				4.93
Coraopolis[2], 1 E	Allegheny	.55	.15	.03	T.		.17	.02		T.	T	.04	2.16	.76	.89	.38		T.				T.			.03	.07		09	1.58	T.			6.92
Midland[2]	Beaver	.51	.05	.06	T		.24	.03		T.		T.	2.09	.77	1.09	.61		.06				T.			.02	.06	.03	.36	1.50	T.			7.48
Washington[1, 5]	Washington	.19	.08				.39					.49	1.21	1.11	.87		.03				.03				.04			.27	.18				4.89
LAKE DRAINAGE																																	
Albion[2]	Erie	.35					.48		.06		.04	.37	.21		.88	.16				.01		.26				.51			.45				53.78
Erie[1, 5]	Erie	.10	.06	T.		1.64	.24		.16	.02		.55		.45	.88	.01	.05		.02		.25	T.		.09	.42			.15	.09		.01		5.19
Raymond[1, 5]	Potter	.11	.27				.53		.16			1.45	.13	.38	.82		.04		.02		.32	.06			.30			.16	.14				4.89

[See page 32 for explanation of reference marks.]

(Continued from page 24.)

West Branch, and some flooding occurred in the headwaters of the Juniata River. In these cases, too, sufficient warning had been given to permit protection of property and no reports of flood damage were received. These rains poured so much water into the Sone's Pond near Jakersville that the concrete of the dam cracked under the pressure of the water and turned over on its side all the way across. The water washed out a bridge and left a channel 50 feet wide and 25 feet deep where it crossed the road. Uprooted trees and large quantities of debris were carried to the junction of the Loyalsock and the added amount of water raised the Loyalsock to such an extent that it flooded the World's End Park, running over the top of the concrete bridge which leads to the cabins and tenting area in the park.

The combination of the weakening of the Atlantic High and the broad southeastward advance of cool dry air on the 16th, ushered in the generally fair cool spell with moderating temperatures on the 19th, that rose to the upper seventies on the 20th. The fluctuating intensity of the cool High Pressure system over extreme eastern Canada resulted in shower periods for Pennsylvania on the 21st, 24th and 25th, and the 27th to 29th as the cool air from the northeast sought to dominate the surface weather and forced the moist warm air aloft.

C. L. R.

Daily Temperatures for April 1948

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Albion/	Maximum	64	55	43	65	75	63	68	72	78	49	68	56	45	48	65	68	70	68	78	80	58	73	70	73	78	73	67	65	52	61	....	64.9
	Minimum	24	27	28	20	47	43	45	45	49	19	27	35	36	35	35	29	34	24	28	47	37	28	38	48	50	50	51	43	38	35	....	36.5
Allentown Arpt.[1],[9-4 NE]	Maximum	65	58	46	61	73	65	62	55	53	55	58	64	52	40	55	65	53	58	64	80	65	66	65	63	76	69	60	52	54	67	....	60.6
	Minimum	56	37	34	28	36	49	47	44	32	29	32	52	40	37	38	33	32	25	38	45	45	38	34	45	45	44	38	38	39	38	....	38.9
Allentown/	Maximum	69	57	53	61	73	67	63	57	49	55	61	65	56	47	55	64	54	57	64	82	65	64	65	63	75	71	60	52	55	67	....	61.5
	Minimum	52	52	36	30	35	49	48	45	44	30	33	47	46	37	37	34	37	30	38	43	52	40	33	44	45	45	44	40	39	40	....	40.8
Altoona-4.5 W	Maximum	72	65	45	60	74	66	60	74	70	54	54	56	52	40	57	73	66	57	70	82	77	60	64	65	79	77	71	46	58	61	...	63.3
	Minimum	47	37	30	24	38	55	48	49	33	26	34	46	36	34	37	36	30	27	43	48	49	35	36	45	56	52	48	36	37	38	....	39.7
Arendtsville/	Maximum	71	54	51	61	74	73	59	75	48	64	59	67	47	51	61	68	58	58	69	84	64	62	66	71	79	69	57	43	58	69	....	63 0
	Minimum	47	50	36	20	34	45	51	47	44	32	34	44	45	35	36	35	37	26	38	44	53	44	32	43	45	49	49	38	35	36	....	40.1
Beavertown/	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Berwick	Maximum	71	68	47	46	76	74	67	62	62	55	55	65	63	43	56	68	65	60	65	83	82	66	66	63	76	76	76	53	57	67	....	64.4
	Minimum	54	41	33	32	27	55	47	47	35	27	34	50	39	37	39	33	34	27	41	48	47	32	35	41	54	49	47	37	39	39	....	40.0
Bethlehem[1]	Maximum	67	59	45	45	74	62	62	56	47	53	60	63	48	44	53	65	51	57	63	80	66	63	66	62	75	68	60	50	54	67	....	59.5
	Minimum	56	39	34	30	42	54	49	43	33	30	38	44	39	36	38	35	36	31	38	48	48	42	38	44	46	45	41	38	40	42	..	40.6
Blairsville[1]-6 NE.	Maximum	66	46	42	66	70	63	58	73	41	51	65	56	46	46	54	71	50	63	76	80	63	62	64	77	78	81	69	49	51	59	....	61.2
	Minimum	45	30	24	23	47	49	48	40	27	23	42	38	38	36	35	36	26	35	46	58	36	34	44	50	57	58	47	37	36	35	....	39 3
Bradford-4 W	Maximum	61	59	37	62	71	69	56	73	38	59	58	58	52	40	58	62	52	61	74	77	77	62	62	70	74	79	79	51	51	55	....	61.2
	Minimum	49	32	26	16	34	48	34	50	28	16	29	42	37	32	32	31	25	20	44	49	40	25	29	44	56	44	39	40	35	36	....	35 4
Brookville[1]	Maximum	65	45	41	63	72	64	59	75	41	52	59	61	46	42	57	70	52	63	78	80	58	63	60	74	78	81	68	50	55	61	....	61.1
	Minimum	45	32	25	19	47	50	45	41	29	22	35	44	38	38	36	32	28	27	46	57	32	28	32	46	58	48	46	39	35	37	....	37.9
Burnt Cabins[1]-2 NE	Maximum	79	56	48	62	75	69	57	77	58	60	54	62	50	39	58	68	54	59	69	88	72	63	65	69	79	72	64	45	56	64	....	63.0
	Minimum	53	38	31	18	37	49	48	48	30	27	42	48	38	34	32	31	31	20	42	44	33	33	28	45	55	53	46	36	32	32	....	37.8
Butler	Maximum	64	63	49	65	72	74	70	75	78	52	63	59	62	45	53	70	74	70	74	81	81	62	77	82	81	85	88	73	54	60	....	68.9
	Minimum	49	35	31	35	20	55	50	54	30	24	36	40	41	41	40	39	30	27	48	53	41	29	38	50	45	48	60	46	35	38	....	40.3
Canton/-1 NW	Maximum	69	43	37	59	71	55	57	62	38	50	54	61	38	41	52	61	50	54	59	78	50	59	58	65	69	73	57	46	50	59	...	55.8
	Minimum	51	40	26	21	30	44	39	44	34	18	28	40	31	31	34	33	27	26	33	35	47	32	37	42	42	46	41	33	32	35	..	34.6
Carlisle	Maximum	71	68	54	61	74	72	62	67	61	59	55	63	52	45	58	68	66	59	69	84	73	63	67	64	78	75	67	55	58	70	...	64.6
	Minimum	53	45	35	27	38	47	48	47	38	32	34	46	41	35	38	34	36	25	40	49	54	42	32	42	52	47	48	34	35	37	....	40.4
Chambersburg[6]-1 SW.	Maximum	74	58	51	60	74	71	61	70	65	59	55	66	52	43	59	67	57	58	68	81	71	63	65	62	80	70	60	48	56	67	....	63.0
	Minimum	52	43	37	25	35	48	49	50	38	31	36	51	42	36	36	36	36	27	41	44	44	41	32	45	52	47	46	38	35	34	..	40.2
Clarion[6]-3 SW	Maximum	66	61	41	64	72	69	62	77	63	56	60	63	50	44	60	74	55	66	78	82	68	65	61	75	83	85	72	52	55	65	....	64.8
	Minimum	40	34	27	17	33	51	42	49	28	19	33	41	36	37	37	32	26	24	40	40	39	27	32	46	52	46	49	41	34	32	....	36.1
Claysville	Maximum	66	58	46	68	70	68	69	76	67	55	69	70	53	61	61	73	55	71	78	81	76	66	72	82	83	87	77	71	57	63	....	68.3
	Minimum	45	34	31	23	44	55	50	55	31	21	45	48	42	47	40	39	29	29	56	53	44	31	38	51	53	52	56	48	39	31	....	41.6
Coalport/	Maximum	70	46	44	65	78	66	53	75	36	55	58	57	40	44	59	72	56	60	77	61	50	64	63	77	80	79	68	44	57	64	....	60.4
	Minimum	44	40	28	18	36	43	41	49	30	24	28	41	39	36	35	30	29	21	35	44	47	27	28	34	46	46	47	40	34	34	....	35.8
Coatesville/	Maximum	69	57	50	61	72	73	65	55	50	56	62	68	50	45	57	66	54	58	66	79	66	63	64	65	73	68	59	49	57	68	....	61.5
	Minimum	51	54	34	29	36	46	51	45	45	31	24	46	49	36	38	30	38	27	31	44	55	43	27	42	43	42	43	39	32	31	....	39.4
Columbia	Maximum	72	66	52	64	77	72	65	63	55	60	52	67	65	49	60	67	59	60	68	85	72	65	67	67	76	72	66	53	59	70	....	64.8
	Minimum	55	48	39	30	38	50	50	46	43	32	39	52	47	37	41	34	37	27	40	46	56	46	33	44	55	45	48	40	33	38	....	42.3
Corry	Maximum	56	49	38	65	72	65	64	74	58	54	60	59	46	46	58	68	48	66	75	78	74	67	61	74	76	83	78	61	54	58	....	62.8
	Minimum	49	34	27	20	48	46	44	52	28	21	43	45	36	38	36	42	27	28	49	53	48	38	27	39	48	57	49	52	45	36	38	40.2
Coudersport	Maximum	66	64	43	62	71	67	53	75	70	52	64	58	53	40	58	68	59	74	74	78	62	64	66	70	74	81	79	50	73	72	...	64.7
	Minimum	48	34	25	17	37	49	35	47	29	18	34	26	33	34	35	31	25	21	40	44	41	25	29	43	41	44	38	36	42	41	....	34.7
Curwensville[1]-6 NW	Maximum	65	44	40	60	70	60	49	73	37	50	54	60	44	40	55	68	49	57	75	79	64	58	58	74	76	75	60	45	55	60	....	58.5
	Minimum	43	28	21	16	43	45	44	37	24	19	38	43	31	33	34	35	25	25	40	50	33	33	37	43	56	51	42	32	30	33	....	35.5
Derry	Maximum	70	67	47	71	73	65	67	77	73	57	67	70	50	52	58	74	54	67	80	80	78	65	68	80	83	85	80	61	52	63	....	67.8
	Minimum	47	34	32	22	54	55	54	58	31	26	42	43	42	42	40	40	31	33	53	50	45	32	48	56	60	52	58	45	39	42	....	43.4
Donegal[1]	Maximum	66	45	40	66	69	62	57	72	44	53	66	56	49	48	52	71	50	63	77	78	61	60	69	79	76	79	68	49	53	59	....	61.2
	Minimum	40	29	23	16	41	50	48	43	26	18	43	39	39	35	34	34	26	28	42	49	40	30	40	46	54	46	46	36	35	32	....	36.9
Donora[1]	Maximum	71	52	58	70	74	70	67	79	50	59	72	55	59	55	61	76	56	69	80	85	69	66	72	85	83	87	76	56	58	65	....	67.8
	Minimum	50	37	35	28	49	58	57	50	36	30	45	46	44	47	43	42	35	34	56	55	45	40	48	56	60	55	55	45	43	40	....	45.5
Eagles Mere/	Maximum	64	42	40	55	68	55	58	50	40	50	50	59	49	37	52	60	44	52	53	75	50	60	55	60	72	75	60	43	47	58	....	54 4
	Minimum	48	40	26	21	26	40	43	42	33	19	19	40	30	30	31	35	26	25	27	35	48	32	34	38	40	47	42	30	30	34	....	33.7
East Waterford[6]-3 E	Maximum	68	58	42	58	71	59	50	70	64	51	48	55	53	37	53	62	52	52	63	80	70	58	61	64	71	66	59	44	49	59	....	58.2
	Minimum	50	37	29	24	43	50	45	44	30	26	39	48	34	31	34	40	30	30	37	53	41	37	40	40	55	48	44	31	34	38	....	38.7
Ebensburg/	Maximum	65	42	43	63	69	61	57	71	40	51	58	51	39	43	62	68	55	70	73	78	71	62	62	72	74	78	62	46	49	56	....	59.7
	Minimum	46	32	26	19	41	52	46	47	27	22	39	42	37	33	33	35	26	39	42	41	33	32	38	45	51	53	55	36	33	34	....	37.8
Emporium/-1 E.	Maximum	70	41	60	60	75	60	55	76	35	64	52	68	53	52	68	72	74	73	72	82	72	64	68	74	79	84	65	50	42	48	....	63.3
	Minimum	45	41	28	18	34	41	39	50	32	21	27	42	35	36	36	30	29	20	42	41	47	29	28	40	56	46	41	37	37	36	....	36.1
Ephrata/	Maximum	67	59	53	61	74	67	64	61	51	59	56	65	57	48	59	65	61	60	64	82	70	66	64	68	76	70	66	55	57	68	...	63.1
	Minimum	55	46	36	29	41	54	49	45	43	31	41	52	46	36	37	36	36	29	45	49	57	44	34	42	54	46	47	39	35	39	....	42.4
Erie[1]	Maximum	56	42	36	59	73	57	67	68	41	47	63	57	45	49	52	66	38	67	79	80	54	54	63	71	64	70	62	51	52	54	..	57.9
	Minimum	41	35	30	29	57	43	53	41	31	29	47	45	38	41	39	38	33	36	57	54	41	39	52	55	51	49	49	43	41	44	....	42.7
Everett[1]-0.5 SW	Maximum	75	50	48	62	74	68	56	73	54	60	62	61	50	47	58	77	55	60	73	87	71	62	67	65	81	76	65	47	55	65	....	63.5
	Minimum	43	32	30	30	40	50	41	48	34	30	33	57	40	35	32	33	29	23	40	44	42	35	31	40	57	52	47	39	41	40	....	38.9
Farrell	Maximum	64	58	48	67	75	72	74	79	76	59	63	63	52	51	64	73	60	70	80	82	80	70	69	81	82	86	86	74	57	67	....	69.4
	Minimum	48	39	30	25	51	55	55	47	35	27	50	47	45	45	43	41	32	31	55	58	40	34	48	57	63	57	52	50	43	43	....	41.9
Ford City/-4 S	Maximum	....	47	47	67	73	68	65	78	40	55	62	57	45	47	60	74	55	66	77	81	51	65	66	81	82	85	78	50	57	64	....	63.6*
	Minimum	49	34	30	20	30	53	49	52	31	24	32	43	41	40	38	36	29	25	41	51	45	29	35	46	54	50	51	48	35	36	....	39.2
Franklin/	Maximum	60	46	40	64	73	69	65	77	38	56	60	60	42	46	60	72	53	66	78	81	49	66	60	77	81	84	67	57	52	66	....	62.2
	Minimum	38	35	30	21	25	54	44	53	31	24	29	46	41	39	38	39	30	28	34	50	41	32	34	45	52	51	52	49	36	37	....	38.6
Fredericksville-1 S.	Maximum	65	62	45	59	71	66	61	56	54	52	51	64	57	44	54	63	56	56	63	80	70	62	62	62	70	68	62	50	53	65	....	60.1
	Minimum	54	39	30	25	38	49	51	42	35	27	27	50	41	34	37	29	33	28	36	44	46	37	34	46	54	52	44	38	37	48	....	39.5
Freeland	Maximum	61	58	38	55	70	58	62	59	57	53	56	57	54	53	50	59	53	51	56	78	71	61	57	59	72	74	71	65	48	59	....	59.2
	Minimum	50	34	27	22	39	43	39	30	20	23	34	44	34	30	33	33	27	26	33	47	39	34	37	39	52	39	40	31	33	37	....	35.0
George School[6]	Maximum	64	60	50	59	69	68	62	54	53	55	57	68	58	44	54	64	55	55	64	78	70	60	63	63	70	70	59	51	54	67	....	60.6
	Minimum	55	42	32	28	40	54	48	42	38	26	31	52	44	36	39	29	35	29	32	41	50	37	29	40	52	40	40	40	29	36	....	39.0
Gettysburg/	Maximum	72	53	49	61	73	70	60	71	48	60	61	65	48	51	59	68	54	58	69	83	62	63	65	72	77	72	56	49	56	67	....	62.4
	Minimum	55	51	38	29	43	52	52	49	45	34	41	41	47	36	38	37	39	29	42	50	61	45	34	47	48	51	51	39	38	37	....	43.3
Gordon	Maximum	68	63	46	61	73	67	61	64	43	54	49	62	43	40	54	64	49	57	62	82	56	65	62	65	75	76	54	51	55	65	....	59.5
	Minimum	57	42	33	25	38	45	44	43	34	27	28	47	38	34	37	30	33	22	36	56	45	35	28	42	52	45	51	34	31	38	....	38.3
Greensburg-2 S	Maximum	69	65	41	70	72	66	67	77	71	56	67	68	55	53	59	73	60	76	79	82	78	66	70	81	82	85	85	63	58	62	....	68.5
	Minimum	39	35	34	19	35	55	50	55	34	21	35	44	43	44	41	36	29	31	47	46	46	29	42	45	57	47	54	46	38	32	....	40.3
Hanover/	Maximum	71	54	51	60	74	64	62	68	49	62	62	64	49	47	55	68	55	60	69	83	65	64	69	66	79	68	58	44	57	70	....	62.2
	Minimum	55	51	32	29	32	49	52	48	44	32	39	47	46	36	38	38	38	30	36	48	55	46	31	46	46	46	51	40	37	36	..	41 8
Harrisburg Arpt.[1]-3.5 S.	Maximum	70	58	50	63	74	66	61	62	56	58	59	64	57	43	58	68	54	58	70	83	70	63	64	63	75	69	56	45	55	66	..	61.9
	Minimum	55	43	37	32	44	50	50	46	37	34	42	52	41	37	40	39	39	28	41	51	47	46	36	45	55	47	42	38	38	41	.	42.4
Hawley-0.5 E	Maximum	64	60	40	59	75	62	66	64	54	51	51	61	50	40	46	65	51	59	63	81	68	67	67	65	78	77	67	57	54	59	....	60.7
	Minimum	54	36	30	22	32	45	34	44	33	25	23	49	39	35	36	28	32	20	38	41	45	31	30	43	52	33	....	....	40	38	....	36.0[b]
Hewitt-2 SW	Maximum	76	...	49	69	74	70	62	79	44	60	65	64	50	46	61	77	57	60	75	86	75	58	70	70	85	85	85	66	59	59	66	66.1[a]
	Minimum	48	...	30	19	30	39	42	51	37	28	35	54	39	39	38	30	30	21	35	41	53	38	32	40	65	57	45	45	40	32	....	39.1[a]
Holtwood[1]	Maximum	66	55	49	62	70	64	62	54	55	55	63	65	55	44	54	63	52	55	64	77	63	63	63	63	73	66	59	47	54	66	....	60 0
	Minimum	55	46	39	34	43	52	52	46	39	37	41	55	41	38	41	39	41	34	43	50	50	43	39	46	55	46	45	41	37	43	...	43.7

Continued on page 31.

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Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Huntingdon/	Maximum	75	49	....	64	76	65	57	78	42	58	....	63	45	57	61	70	....	60	72	81	5	64	66	....	79	76	6	45	54	65	....	62.8
	Minimum	42	42	35	23	....	40	45	50	41	32	31	....	44	38	38	35	36	....	52	47	53	36	31	35	....	49	41	38	38	33	....	39.8
Indiana 2.5 SE	Maximum	68	65	46	68	73	67	65	77	73	55	60	60	55	47	58	73	67	65	77	82	78	65	66	78	77	85	80	60	56	61	....	66.9
	Minimum	41	34	30	18	41	54	50	53	32	21	22	43	42	39	39	35	37	26	47	46	44	28	35	47	57	48	54	48	41	31	....	39.6
Irwin	Maximum	69	68	48	70	72	70	65	77	77	57	64	68	52	52	60	72	72	69	79	82	80	67	67	82	83	85	85	70	....	62	....	69.1
	Minimum	45	35	32	22	41	52	49	53	33	25	41	43	42	44	38	40	29	28	48	46	44	32	41	50	59	51	48	45	38	38	....	41.8
Jamestown/-2 NW	Maximum	57	48	42	64	77	67	73	82	38	57	64	56	46	30	60	75	51	66	80	83	18	67	59	80	80	84	69	59	55	65	....	65.5
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Johnstown/	Maximum	71	49	45	68	71	66	57	77	40	59	63	57	46	49	59	75	58	64	82	84	56	64	69	80	81	88	72	17	57	64	....	64.0
	Minimum	47	38	33	25	42	57	52	53	33	31	38	47	45	39	40	38	34	30	48	51	52	36	37	48	60	....	58	44	41	42	....	43.1
Kane[1]-1 N	Maximum	59	42	36	68	71	58	58	74	38	53	59	60	42	40	59	69	49	62	76	78	56	64	59	73	75	82	60	51	54	57	....	59.3
	Minimum	41	31	19	15	33	42	33	37	24	15	29	40	34	36	38	30	23	20	39	46	27	33	28	45	49	42	39	38	30	31	....	32.7
Lancaster	Maximum	69	64	53	64	74	71	66	83	58	60	57	66	64	50	60	65	64	58	65	84	76	66	65	65	75	74	69	56	59	72	....	65.1
	Minimum	53	47	38	27	37	45	46	45	42	28	29	49	45	36	39	31	36	24	39	44	46	44	29	41	51	42	44	38	32	37	....	39.4
Lawrenceville	Maximum	73	62	40	63	75	68	59	75	59	51	49	63	53	43	53	68	55	59	61	83	73	64	62	66	75	79	68	52	51	52	....	62.2
	Minimum	58	38	30	23	45	52	37	50	35	22	28	32	38	38	39	32	30	29	43	55	43	30	33	45	10	45	49	41	35	42	....	38.1
Lebanon	Maximum	69	54	52	61	75	65	62	38	46	56	59	65	48	46	57	66	53	58	67	82	62	65	65	65	75	70	58	18	55	68	....	61.0
	Minimum	52	52	35	29	34	49	49	45	40	31	35	45	46	37	37	38	37	29	41	46	42	43	35	43	44	47	47	39	37	37	....	40.7
Lewistown-2 SW	Maximum	77	51	50	67	77	67	59	76	44	59	54	65	45	46	62	72	56	60	7	86	59	66	69	66	79	75	60	15	59	66	....	62.9
	Minimum	51	49	36	27	34	41	49	50	41	32	34	46	42	38	38	36	37	29	36	47	52	38	35	40	46	57	52	39	38	39	....	41.0
Lock Haven	Maximum	74	70	72	65	74	73	62	72	47	65	71	68	42	47	63	65	52	57	67	69	65	70	73	75	7	76	72	65	74	71	....	66.2
	Minimum	55	44	34	30	32	44	48	48	41	30	48	45	35	36	40	34	30	29	37	39	37	33	32	34	36	33	38	32	34	36	....	37.5
Marcus Hook/	Maximum	65	62	55	61	71	69	66	55	57	54	64	76	54	51	65	66	61	66	68	76	76	63	68	65	72	67	63	50	60	71	....	63.7
	Minimum	50	56	40	34	43	46	52	46	47	33	42	56	53	39	41	41	43	37	39	45	53	46	40	48	48	46	47	43	40	42	....	44.3
Martinsburg[1], W	Maximum	72	55	43	62	70	64	54	73	49	54	56	59	52	42	57	72	54	57	69	80	68	60	63	65	76	75	63	47	51	59	....	60.7
	Minimum	55	37	29	24	44	51	49	49	32	27	41	50	38	36	39	37	32	28	43	52	37	38	39	47	57	55	46	36	39	38	....	40.8
Meadville 4 S	Maximum	59	47	39	64	73	66	66	76	37	56	60	56	42	40	61	70	50	66	78	79	47	67	59	80	80	84	67	61	55	65	....	62.0
	Minimum	49	34	28	20	31	50	48	54	29	19	33	46	40	38	37	40	27	26	44	57	38	28	33	50	55	47	33	48	35	36	....	39.3
Mercer[1]-2.5 NE	Maximum	58	46	39	63	71	66	67	75	39	52	60	58	41	47	57	70	50	65	77	78	51	64	60	79	80	82	68	57	53	63	....	61.3
	Minimum	41	32	19	19	46	50	47	38	27	20	43	42	38	38	36	34	26	27	48	51	35	32	41	52	57	51	50	40	33	35	....	38.3
Middletown[1]-1.5 W	Maximum	70	58	50	69	73	66	62	64	53	57	58	64	56	43	58	67	54	57	68	83	70	64	65	64	76	68	56	45	54	68	....	61.7
	Minimum	54	44	36	31	39	50	50	46	36	33	40	52	41	37	40	37	37	29	42	52	46	46	34	44	54	47	43	39	39	38	....	41.9
Midland[6]	Maximum	62	51	45	70	74	64	78	80	60	56	63	62	50	55	62	73	50	68	79	83	69	67	67	82	83	86	75	55	57	62	....	66.3
	Minimum	47	37	31	30	42	53	58	56	30	28	45	44	42	44	44	30	35	32	50	54	42	38	47	48	56	53	55	45	38	37	....	42.9
Montrose 3 E	Maximum	65	44	35	57	70	58	63	66	36	45	50	56	42	40	44	63	40	54	59	74	50	62	60	59	72	72	65	52	46	56	....	55.2
	Minimum	48	40	25	20	25	41	39	42	32	20	25	37	34	34	30	31	26	22	30	39	48	30	38	48	44	40	38	35	34	35	....	34.2
Mt. Pocono[1]-2 N	Maximum	61	54	35	56	68	59	61	61	49	44	51	54	44	35	43	58	43	51	56	76	56	60	60	63	71	68	62	50	48	59	....	55.2
	Minimum	50	32	26	22	40	45	42	39	26	20	28	43	34	30	31	29	27	25	32	45	37	31	34	40	37	32	36	33	36	33	....	33.8
Newburg[1]	Maximum	74	58	49	58	64	60	48	62	54	50	42	56	48	32	48	58	48	50	63	76	66	55	60	58	72	62	48	36	50	58	....	55.3
	Minimum	44	35	24	20	34	38	38	40	24	24	28	28	32	28	30	28	24	18	38	40	35	29	24	34	48	40	34	26	26	32	....	31.3
New Castle[6]-1.5 N	Maximum	63	54	45	66	72	70	70	77	43	58	62	60	47	51	61	73	54	69	80	82	62	67	64	81	82	86	72	59	55	65	....	65.0
	Minimum	45	34	25	22	45	51	47	42	30	23	45	44	41	42	39	40	27	27	52	59	39	29	41	50	56	49	53	46	34	34	....	40.4
Palmerton[1]	Maximum	64	59	44	60	69	64	61	57	55	54	56	63	52	41	54	63	50	54	62	79	65	62	61	63	72	67	58	51	52	66	....	59.3
	Minimum	56	37	33	29	43	51	47	45	32	28	29	52	40	37	38	33	35	25	40	47	45	35	32	45	49	45	41	38	40	40	....	39.6
Park Place[1]-1 NW	Maximum	62	55	40	57	68	56	57	61	55	48	51	59	47	35	50	60	47	51	58	76	62	59	58	64	70	72	55	44	47	59	....	56.1
	Minimum	51	31	26	21	38	48	42	39	25	20	34	46	34	30	34	35	28	26	32	45	38	35	37	38	42	42	35	30	33	37	....	35.1
Phila Arpt.[1]-7 SW	Maximum	66	59	51	61	73	69	65	56	55	56	62	7	59	43	57	65	55	60	67	80	70	60	68	65	70	68	61	50	56	68	....	62.2
	Minimum	58	40	37	32	42	53	46	45	37	32	35	36	38	39	42	36	39	35	36	49	49	41	38	46	44	44	43	39	36	42	....	41.7
Philadelphia C.O.[1]	Maximum	64	61	50	59	70	69	62	54	56	55	60	70	59	43	55	63	56	58	64	78	69	59	66	63	69	67	61	50	55	67	....	61.1
	Minimum	57	44	39	35	44	55	46	45	38	34	42	50	38	38	43	42	40	37	40	50	48	46	44	47	46	45	42	42	41	47	....	43.8
Phila Shawmont	Maximum	65	63	55	62	72	70	64	59	54	56	58	70	65	49	55	65	64	68	65	79	75	60	67	65	70	69	65	54	55	68	....	63.5
	Minimum	57	50	35	34	41	53	51	45	46	38	32	52	47	39	41	33	29	30	39	48	57	41	33	47	60	43	45	42	33	36	....	42.6
Philipsburg[1]-7 E	Maximum	66	48	41	58	71	61	51	73	40	51	54	57	47	40	56	69	51	54	65	80	58	59	59	74	75	73	59	45	54	59	....	58.3
	Minimum	48	31	25	17	44	45	46	40	26	21	38	46	32	32	31	27	27	27	40	53	37	27	33	44	55	52	43	31	32	35	....	36.0
Phoenixville-1.5 SE	Maximum	75	73	70	70	78	80	65	63	56	57	58	69	67	60	69	76	74	65	76	85	82	75	71	74	76	82	76	52	62	78	....	70.5
	Minimum	57	50	30	28	37	51	46	45	45	30	28	52	48	38	41	30	38	24	36	45	55	36	29	45	53	42	43	41	31	32	....	40.2
Pittsburgh Arpt.[1]-7.5 SE	Maximum	67	49	46	68	70	69	67	77	48	57	69	59	52	52	65	74	53	71	79	82	63	64	68	81	83	85	71	54	57	63	....	65.5
	Minimum	47	36	30	28	52	55	53	48	32	29	48	42	41	43	40	38	32	36	54	61	40	37	46	56	61	60	50	43	41	38	....	43.9
Pittsburgh City Office[1]	Maximum	69	50	46	67	73	69	68	79	45	57	70	60	52	54	62	74	56	70	79	82	62	65	69	83	84	87	72	57	58	64	....	66.1
	Minimum	49	38	33	30	55	57	54	45	34	33	52	45	43	46	42	41	34	35	57	62	44	40	50	56	62	58	52	46	44	42	....	46.0
Port Clinton/	Maximum	65	62	46	60	73	65	62	55	46	54	57	64	47	45	53	62	51	55	62	80	62	62	62	62	68	68	57	50	54	65	....	59.1
	Minimum	53	52	34	25	37	15	47	45	40	30	32	45	43	36	36	32	35	25	32	40	51	26	30	41	44	46	45	36	34	31	....	38.9
Putneyville/-2.5 SE	Maximum	67	47	48	65	74	63	60	77	35	55	61	60	44	58	55	59	54	65	78	80	50	65	63	76	81	85	75	47	67	67	....	62.7
	Minimum	42	32	34	20	48	50	43	48	27	20	27	39	36	34	34	32	24	27	36	48	40	28	35	47	53	45	45	41	31	32	....	36.4
Quakertown-0.5 E	Maximum	67	62	47	59	71	67	61	57	53	53	53	64	62	45	55	62	61	55	63	77	74	61	63	64	72	65	64	50	55	66	....	60.9
	Minimum	54	44	36	28	39	50	41	42	37	27	26	50	43	35	37	30	34	25	34	43	51	32	28	42	53	40	41	37	32	36	....	38.2
Reading[1]	Maximum	69	60	49	62	74	65	63	57	55	56	60	66	57	43	57	66	55	58	66	81	65	63	66	63	72	71	59	51	56	68	....	61.8
	Minimum	56	41	36	32	46	56	49	44	36	32	44	57	43	39	42	36	38	32	39	52	50	46	38	45	49	46	41	40	38	42	....	42.8
Ridgway/	Maximum	67	45	44	65	73	62	61	77	39	56	60	65	41	42	63	72	52	61	78	82	66	62	62	70	79	84	66	49	59	69	....	62.5
	Minimum	47	39	28	16	23	53	39	51	32	16	16	42	37	35	36	30	28	23	37	47	46	30	30	30	47	47	46	40	36	33	....	35.3
Scranton[1]	Maximum	69	58	38	59	71	60	65	61	58	49	52	59	49	42	46	66	45	56	63	78	60	65	64	61	75	75	70	55	49	61	....	59.8
	Minimum	55	37	31	27	38	50	45	48	32	28	34	49	39	37	35	33	33	28	42	52	43	37	38	48	52	44	45	39	40	44	....	40.0
Selinsgrove	Maximum	71	68	50	60	72	68	60	62	65	70	72	65	61	43	55	66	65	57	65	83	80	65	65	64	72	71	71	53	54	70	....	64.8
	Minimum	55	44	34	26	40	50	41	47	45	41	46	43	38	37	40	33	35	25	41	51	51	32	34	45	55	52	45	36	35	35	....	41.0
Shippensburg	Maximum	75	66	49	61	74	68	62	70	66	60	55	65	60	43	66	69	68	60	70	82	77	68	67	62	79	72	67	51	58	63	....	65.1
	Minimum	53	45	36	26	36	54	50	50	39	40	36	50	42	36	38	36	36	27	42	47	50	40	33	44	53	47	50	35	37	39	....	41.6
Somerset	Maximum	68	62	42	64	70	64	60	72	65	56	62	65	49	44	57	71	65	59	76	79	74	58	65	76	78	82	80	61	55	58	....	64.6
	Minimum	40	33	29	18	40	52	49	49	28	25	38	48	40	35	38	32	28	24	45	44	45	33	31	42	56	46	49	39	36	36	....	38.2
Springs[6]-1 SW	Maximum	66	55	40	61	67	61	53	70	58	53	62	65	46	48	54	67	49	58	75	78	68	52	64	75	75	81	68	50	51	57	....	60.9
	Minimum	40	32	28	19	37	47	47	48	27	23	34	42	38	34	34	32	28	25	34	45	42	37	34	42	55	46	50	36	34	37	....	36.9
State College[1]	Maximum	72	53	43	62	73	62	55	75	46	54	55	60	50	39	58	70	52	57	67	82	58	62	64	71	75	77	62	47	51	61	....	60.9
	Minimum	53	37	32	25	47	49	47	46	32	28	44	50	36	36	38	39	33	28	46	55	42	35	44	46	58	55	47	34	39	42	....	41.4
Stroudsburg/-2 E	Maximum	71	67	52	51	64	73	66	66	62	49	55	57	65	46	43	53	65	54	59	65	81	64	68	65	67	78	70	67	58	56	....	61.9
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sunbury[1]	Maximum	72	58	46	60	73	63	61	61	56	56	53	67	53	42	56	66	51	56	64	81	64	67	67	62	77	73	59	48	54	64	....	60.8
	Minimum	48	38	33	30	40	47	43	48	34	31	35	51	39	38	36	36	34	26	41	51	42	35	37	46	54	52	44	36	40	39	....	40.1
Tamarack/-2 S	Maximum	70	40	39	60	73	55	49	74	35	53	52	62	36	38	58	69	48	54	65	81	48	60	57	69	71	78	57	37	48	60	....	56.5
	Minimum	47	39	24	19	24	46	43	45	32	20	24	37	31	30	30	31	25	25	32	40	44	34	30	40	42	51	47	32	31	35	....	34.8
Tionesta/-4.5 SE	Maximum	62	44	36	63	72	66	60	75	56	50	46	60	49	44	64	70	51	65	76	79	58	65	59	76	79	83	68	55	55	62	....	61.7
	Minimum	41	34	28	19	29	45	44	52	30	20	42	43	38	37	37	35	28	25	41	49	39	30	31	44	52	50	50	45	35	36	....	37.6
Titusville-2 S	Maximum	58	58	43	62	70	66	63	74	69	53	57	57	48	43	57	67	49	62	76	77	76	66	64	74	76	79	79	55	53	59	....	63.0
	Minimum	49	32	26	17	44	50	44	51	27	17	41	43	35	37	35	40	26	29	47	61	37	24	40	47	58	47	51	44	30	34	....	38.8
Towanda-1 E	Maximum	75	63	41	61	74	66	67	69	63	53	53	66	52	41	53	66	57	59	62	80	66	65	64	63	77	78	68	55	54	62	....	62.5
	Minimum	53	38	31	23	40	49	39	49	34	24	29	50	35	37	38	32	32	21	19	52	44	32	32	46	53	40	37	37	40	42	....	38.4
Tunkhannock/	Maximum	72	49	41	60	76	62	68	63	43	51	56	62	44	45	51	67	47	59	65	79	52	66	64	64	77	77	66	55	51	65	....	59.9
	Minimum	52	45	30	23	34	49	35	46	34	25	25	41	36	36	35	28	31	20	40	47	50	30	31	44	48	40	36	35	37	38	....	36.7

Continued on page 32.

Daily Temperatures for April 1948—Continued from page 31.

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Uniontown	Maximum	74	66	50	72	75	70	66	80	71	57	70	69	58	57	60	76	69	74	80	83	78	69	76	84	85	89	79	70	59	66	...	71.1
	Minimum	46	36	35	24	52	55	57	58	34	26	48	46	47	45	43	42	33	39	53	54	51	38	48	55	59	53	61	52	43	40	....	45.8
Warren	Maximum	62	48	39	67	75	64	62	77	49	56	58	61	46	44	61	71	64	66	78	82	73	69	63	75	77	85	68	58	58	60	....	63.9
	Minimum	47	33	30	20	43	44	41	49	28	19	32	40	36	38	36	37	26	27	46	57	40	30	35	47	45	50	49	44	36	40	....	38.2
Waynesburg	Maximum	70	65	48	70	71	69	70	77	73	56	72	73	61	60	61	74	69	72	80	82	80	67	75	83	84	89	86	72	58	61	....	70.9
	Minimum	37	34	31	20	36	53	48	52	29	19	34	41	40	45	39	38	28	24	41	41	45	33	32	44	49	45	51	46	36	31	....	38.1
Wellsboro/	Maximum	72	43	39	65	73	56	56	73	39	54	53	65	39	41	57	68	46	57	59	81	51	64	59	70	75	79	58	45	51	59	....	58.2
	Minimum	35	41	28	19	25	45	35	44	35	21	25	40	34	33	36	29	28	20	32	42	50	27	29	33	45	41	38	36	32	32	....	33.7
Wellsville	Maximum	70	67	50	59	73	70	63	65	59	57	53	65	63	48	58	66	65	57	67	81	79	61	65	64	76	71	66	52	55	68	....	63.8
	Minimum	52	46	36	24	32	44	47	44	41	33	31	50	44	36	35	34	37	23	40	43	52	43	29	43	52	48	47	38	32	30	....	39.5
West Chester	Maximum	65	59	50	61	72	69	65	56	53	55	58	67	62	41	57	65	54	59	66	80	65	63	66	65	71	68	59	49	56	68	....	61.5
	Minimum	55	46	37	29	39	52	51	44	40	31	37	58	38	37	40	36	37	32	36	49	51	41	35	44	54	43	42	36	32	36	....	41.3
Wilkes-Barre Arpt. 1-3N.	Maximum	68	60	38	58	72	63	66	60	49	49	52	60	48	39	47	64	45	56	61	78	59	63	63	61	74	75	65	66	50	60	..	59.0
	Minimum	54	37	30	27	43	48	43	48	31	26	36	48	39	37	35	32	32	27	40	51	40	35	39	46	50	42	43	37	40	41	....	39.2
Williamsport Arpt. 1-4 E	Maximum	70	59	44	60	73	61	63	60	53	57	52	65	51	41	58	66	50	56	62	84	61	64	60	60	76	77	61	47	53	65	...	60.3
	Minimum	57	37	31	28	46	46	46	46	32	28	34	50	38	38	39	34	32	24	42	51	39	32	35	47	53	49	44	37	40	42	....	39.9
Williamstown	Maximum	69	65	48	61	73	69	60	65	64	55	55	64	62	44	56	66	65	54	64	83	80	63	64	66	77	73	72	54	53	65	....	63.6
	Minimum	56	44	35	29	38	48	48	45	38	30	34	48	40	35	38	33	35	24	38	46	50	35	30	44	56	48	43	35	32	31	...	39.5
York-3 SW	Maximum	72	71	52	63	75	73	65	71	72	60	60	65	65	50	60	71	68	57	69	84	81	65	69	67	76	75	70	56	57	69	....	66.9
	Minimum	57	47	32	26	42	54	48	48	42	33	39	52	47	37	36	33	38	25	40	42	57	46	31	45	55	45	48	40	33	32	....	41.7

[See bottom of page for explanation of reference marks.]

PRESSURE, WIND, HUMIDITY AND SUNSHINE.

Stations	Atmospheric pressure (reduced to sea level)				Wind**				Relative Humidity			Percentage of sunshine	Degree days
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity*	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Erie	30.62	3	29.47	11	9.8	26	se.	11	76	63	72	42	444
Harrisburg	30.62	4	29.54	30	8.8	42	w.	9	74	56	56	54	387
Philadelphia	30.59	18	29.51	30	8.9	25	nw.	17	75	54	61	51	380
Philipsburg	30.63	4	29.56	30	.....	40	sw.	8	79	57	62	.....	528
Pittsburgh	30.59	4	29.58	28	11.0	37	nw.	27	75	55	59	49	339
Reading	30.62	4	29.51	30	12.2	38	w.	9	70	....	....	41	385
Scranton	30.62	4	29.40	30	7.5	29	nw.	30	70	57	....	45	460

* For any five-minute period. ** Corrected to true velocities.
† 12:00 noon. § Also other dates. * One-minute interval.

RIVER CONDITIONS

Stations	Rivers	Mean Stage	Highest stage	Date	Lowest stage	Date	Flood Stage
Port Jervis, N. Y.	Delaware	5.1	9.5	15	3.9	11†	18
Easton	Delaware	6.8	13.8	16	4.1	30	22
Lehighton	Lehigh	4.8	6.9	15	3.8	30	9
Reading	Schuylkill	7.0	11.0	15	5.2	30	13
Wilkes-Barre	N. Br. Susquehanna	9.6	19.3	15	5.9	30	22
Williamsport	W. Br. Susquehanna	7.9	20.6	15	4.4	11	20
Newport	Juniata	7.4	16.8	15	5.1	11	22
Harrisburg	Susquehanna	6.9	15.6	16	5.0	12	17
Schenley, (nr) Lock No. 5	Allegheny	18.1	27.7	15	15.1	25	24
Sutersville	Youghiogheny	6.6	17.2	15	4.4	29	20
Charleroi (nr.), Lock No. 4	Monongahela	16.5	33.0	14	12.1	26	30
Pittsburgh	Ohio		29.8	15	[illegible]*	.....	25
Midland, Dam No. 7	Ohio		40.6	15	12.5	24	30

* Pool stage. † Also other dates.

MISCELLANEOUS PHENOMENA

FOR SIXTY REPRESENTATIVE STATIONS

(Dates and number of stations reporting)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Auroras																															
Fog, heavy	5	5				5	6	7		7	8	5	7	4										4	6	5	5	4	4		
Frost, killing			5	47					15						14	48				6											
Glaze												3	3																		
Hail							2			1									3								2				
Rain, heavy											4																2				
Sleet													3															2			
Snow, heavy																															
Thunderstorms	3				2	5		26		17		8	3		20	2			23	4		2	20	6		16			2		
Winds, high	5	15	26	6	8		12	23	37	10	20		7	5	6	19	11			5	15	10		4			6			25	

FOOTNOTES

Figures and letters following stations indicate distance in miles and half miles and direction of station from City Post Office.

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. ‡‡ Precipitation normals or "standard mean" adjusted to a uniform 35 year period.

Except as otherwise indicated precipitation and temperature readings are for 24 hours ending late in afternoon.

T., Trace (0.005 inch or less).
[a], [b], [c], etc. Number of days missing, for example, [b] indicates two days missing.
Italics, data interpolated.
§ Partly interpolated.
§§ Incomplete.
† And other dates.
†† Daily amounts inconsistent.
‡ Received too late to be included in means and summaries.
* Included in next measurement.
// Windshield on gage.
/ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

[1] Midnight to midnight.
[2] Measured in the morning for the preceding 24 hours.
[3] Data for 24 hours ending at 1:30 a. m. of the following day.
[4] Best available used for stations not equipped with recorders.
[5] Recording gage.
[6] At a fixed hour between sunset and 11:00 p. m.
[7] Noon to noon.
[8] Data recorded at Altoona-Blair County Airport.
[9] Official Station designation is Allentown-Bethlehem Airport.

(W. B. O., Philadelphia—7-16-48—1100)

51.05
NP

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

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CLIMATOLOGICAL DATA

PENNSYLVANIA

MAY 1948

Volume LIII No. 5

NEW YORK CITY: 1948

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

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OCT 9 1948
UNIVERSITY OF ILLINOIS

PENNSYLVANIA MAY 1948

L. F. Conover, Section Director - Harrisburg

GENERAL SUMMARY

he month was cool and wet, delaying agriculture and many outdoor activities. This coolness is irectly attributable to the frequent and persistent passages of cold fronts which brought out- reaks of cold air into Pennsylvania from central Canada. Sandwiched between these outbreaks of old air were surges of warm, moist air from the lower Mississippi Valley. The first break in he series of cold air outbreaks came with the strengthening of the Bermuda anticyclone which sent nseasonably warm air over the Gulf States and then up into Pennsylvania for the 11th and 12th. he 92° maximum temperature at Harrisburg on the 11th set a new record high for that date. This irculation was not sufficiently strong to overcome the normal coolness of southern Canada. The isparity between these two air masses was shown on the afternoon of the 10th when Erie's maximum emperature was only 61° in contrast to 81° at Pittsburgh, 83° at Williamsport and 88° at arrisburg and Reading.

he frontal zone between the warm, moist gulf air and the cool Canadian air vacillated across ennsylvania for 4 days, producing heavy rains on the eastern slopes of the Appalachians. For he 24 hours ending the morning of the 18th, East Waterford reported 3.77 inches and Bethlehem eported 2.72 inches.

reezing temperatures were reported periodically throughout the month over the State. Notable ong these were the mornings of the 1st and 2nd, the 8th and 9th, the 20th, 22nd and 24th. ow was reported at many stations in northern Pennsylvania on the 8th with some freezing rain nd freezing drizzle occurring in Clearfield County. The final cool spell on the 31st resulted n frost in the Wellsboro area.

hunderstorms were rather numerous this month, accompanied by hail on 7 days of the month. Many tations from the eastern slopes of the Appalachians to the Poconos reported hail on the 17th. A ropical storm moved from the Caribbean slowly northeastward to the west of Bermuda between the 3rd and 29th. This produced a blocking effect on what had been a persistent tendency for cool ir outbreaks to move into Pennsylvania from central Canada.

ainfall over the west portion of the State averaged about 1.00 inch less for the month than over he east portion. The area from Luzerne, Juniata and Adams Counties, east and south, averaged rom 2 to 4 inches more than any other sector of the State. Monthly totals of over 9 inches were ecorded at several stations along the arc from Bethlehem through Lancaster to East Waterford. A lash flood was reported at Central City, Somerset County, on the evening of the 28th.

TEMPERATURE

he average temperature for the State as deduced from the reports of 109 stations was 58.0°, hich is 1.6° below the 61-year normal for May. The highest monthly mean was 63.4° at hoenixville and Greensburg Filter Station, and the lowest was 51.7° at Kane. Extremes ranged rom a maximum of 95° at York on the 11th, to a minimum of 24° at Hawley on the 2nd.

PRECIPITATION

he average precipitation for the State, as deduced from the observations at 315 stations, was .24 inches, which is 1.21 inches above the 61-year normal for May. The greatest monthly amount as 10.67 inches at Pottstown, while the least was 2.58 inches at Coalport.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN-SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	AVERAGE PERCENT	
ERIE	30.31	19	29.40	7	7.6	25	W	7	85	82	65	69	41	333
HARRISBURG	30.17	9	29.35	21	7.9	26	W	21	80	76	55	63	53	158
PHILADELPHIA	30.21	9	29.30	21	8.0	23	SW	16	84	81	59	67	48	134
PHILLIPSBURG	30.15	19	29.40	21					87	80	60	67		344
PITTSBURGH	30.27	19	29.44	7	10.6	31	N	21	76	77	54	61	50	193
READING	30.21	9	29.33	21	11.0	47	N	21		74			40	152
SCRANTON	30.21	9	29.31	21	6.6	28	NW	21		75	56†		53	238

† Noon

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1888	57.3	91	24	4.24	T	16
1889	60.4	96	25	5.91	0	11
1890	58.5	89	23	6.71	0	15
1891	57.3	93	20	2.12	0.2	8
1892	58.5	91	28	5.70	0	16
1893	57.9	93	26	5.54	0	12
1894	60.8	92	27	8.88	0	16
1895	60.6	102	22	2.68	0	9
1896	65.4	98	31	2.85	0	10
1897	57.7	88	25	5.24	T	12
1898	60.0	94	22	5.11	0	15
1899	61.1	100	24	3.82	0	11
1900	60.4	96	20	2.79	T	9
1901	58.9	91	28	5.56	0	15
1902	59.8	95	25	1.96	0	8
1903	61.8	94	18	1.67	0	7
1904	61.6	94	21	3.78	0	11
1905	60.8	93	22	2.59	0	12
1906	60.0	99	23	3.23	0	10
1907	54.8	91	19	3.08	0.1	11
1908	61.2	96	22	6.28	0.3	15
1909	59.2	9[illegible]	23	2.90	0.1	10
1910	56.8	88	24	3.38	0	12
1911	65.2	99	20	1.97	0	7
1912	61.2	91	28	3.15	0	11
1913	58.5	93	21	3.86	0	10
1914	61.5	96	19	3.34	0	9
1915	56.2	84	21	4.16	0	14
1916	61.0	93	26	3.19	T	13
1917	53.3	90	20	3.39	T	13
1918	65.1	95	21	5.04	0	14
1919	59.5	98	27	5.80	0	14

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1920	56.6	92	18	2.02	0	8
1921	59.8	93	22	3.93	0	11
1922	62.5	96	26	3.21	0	10
1923	58.3	93	20	3.50	0.6	8
1924	54.6	92	18	5.71	0	17
1925	55.2	98	22	3.49	0.2	11
1926	58.8	95	18	1.78	0	8
1927	58.2	92	23	4.14	0	16
1928	58.0	95	20	2.23	0	10
1929	58.5	97	23	4.81	T	14
1930	61.2	99	25	3.03	0	10
1931	59.8	98	19	5.28	T	15
1932	59.8	98	21	3.69	0	10
1933	62.2	94	24	5.86	0	18
1934	62.2	98	22	2.51	0	8
1935	56.0	92	21	3.00	0	10
1936	62.8	96	24	2.09	0	7
1937	60.7	96	24	3.39	0	11
1938	58.8	93	20	3.85	0	13
1939	62.8	99	20	1.58	T	7
1940	59.2	93	22	4.46	T	16
1941	61.3	102	21	2.25	T	9
1942	62.5	99	22	5.88	0	12
1943	60.4	93	19	6.08	T	18
1944	65.6	95	27	4.28	T	12
1945	55.7	91	18	5.12	0.3	16
1946	58.3	92	23	7.25	0	16
1947	57.7	93	16	6.36	0.2	18
1948	58.0	95	24	5.24	T	15
PERIOD	59.6	102	16	4.03	T	12

See reference notes following Station Index

TABLE 2
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ATLANTIC DRAINAGE																		
ALLENTOWN WB AIRPORT	59.6	- 29.0	90	11	33	9	1		7.88	4.38	1.70	13				14	9	3
ALLENTOWN GAS CO	60.0	- .3	90	12	34	9	1		9.09	5.52	2.23	13				9	30	3
ALTOONA HORSESHOE CURVE	57.0	- 1.3	90	11	34	2+	1		7.28	3.20	1.74	3				12	8	3
ARENDTSVILLE	61.0a	- 0.1	92	12	36	9	1		5.04	.95	1.75	30				11	4	2
AUSTINBURG 2W																		
AVOCA WILKES-BARRE SCRANTON																		
BEAR GAP									5.60	2.08	1.25	15				19	10	2
BELLEFONTE 4 S PRISON FARM	59.6a		90	12	36	20	1		5.97	2.64	3.50	13				12	8	2
BERWICK	61.4		92	11	32	9	2	1	5.37		.86	14				12	5	1
BETHLEHEM RIVER STATION									[illegible]7	5.35	2.26	13				14	10	
BETHLEHEM LEHIGH UNIV	60.1	- 2.4	93	11	36	9	1		9.68		2.72	13				14	[illegible]	4
BLAIN																13	9	3
BLAKESLEE CORNERS									8.12		1.80	12				17	11	2
BLOSERVILLE 1 N									5.82	1.53	1.15	5				11	7	1
BREEZEWOOD																		
BUFFALO MILLS																		
BURNT CABINS 2 NE	58.8		91	11	31	20	1	2	3.25	- .10	.95	3				12	6	
CAMP HILL									4.48		.96	29				14	7	
CANTON 1 NW	52.7a		87	12	30	9		3	4.85		1.70	5				9	7	1
CARLISLE	61.3	- 0.5	92	11	34	9	2		5.32		1.56	24				22	5	1
CARROLLTOWN									4.93	1.12	1.08	5				12	7	2
CARTER CAMP									3.78		.91	3				13	6	
CEDAR RUN									5.61		1.25	17				20	8	2
CHADDS FORD									4.76	1.18	1.65	24				17	6	1
CHAMBERSBURG	60.8	- 0.8	87	10+	36	20			7.74		1.87	5				14	9	2
CLAUSSVILLE									3.80	.11	.99	7				10	6	
CLEARFIELD									8.12		2.00	8				7	7	4
COALDALE 2 NW GREENWOOD RES									2.80	- 1.62	.42	5				15	5	
COALPORT	55.1a		88	12	29	2+		7	8.48		1.31	13				18	13	2
COATESVILLE 1 SW	59.9	- 1.6	90	11	32	9	1	1	2.58		.45	4				8	5	
COATESVILLE									9.14		1.44	30				16	9	3
COLUMBIA	62.8		93	11	35	9	2		9.29		1.53	31				15	10	3
CONSHOHOCKEN									7.00		1.39	5				11	7	3
COVINGTON									9.09	5.72	1.90	5				16	11	3
CURWENSVILLE 6 NW	54.2		84	11	30	9+		4	3.97		1.55	25				17	6	1
DANVILLE									3.73		.82	7				18	5	
DAUPHIN 3 N									5.23		.83	15				15	10	
DINGMANS FERRY									6.89		2.11	13				15	9	2
DOYLESTOWN									5.83		1.22	13				15	8	1
DRIFTWOOD									8.01	4.15	2.20	13				15	6	3
DU BOIS 7 E									4.98							13	7	1
DUSHORE									4.29		.88	17				14	7	
EAGLES MERE	52.9b		86	12	33	9			2.67		.43	16				14	5	
EAST WATERFORD 3 E	56.8		88	11	36	8+			3.64	- 2.60	.63	21				19	3	
ELIZABETHTOWN									9.73	5.09	3.77	13				16	10	3
EMPORIUM	55.8	- 2.2	88	11	27	20		4	6.70		1.16	25				14	9	1
ENGLISH CENTER									4.40	.05	.81	16				21	5	
EPHRATA	61.5	- 0.4	93	11	37	9	1		3.83		.79	16				17	6	
EQUINUNK									6.85	3.44	1.36	5				10	8	3
EVERETT	59.8	- 0.1	92	11	33	2	2		4.53		.75	24				18	6	
FREDERICKSVILLE 1 SE	60.0		89	11	37	20		1	3.80	.18	.67	3				11	6	
FREELAND	56.4	- 0.4	89	10	34	7			9.83		2.13	5				16	8	4
GALETON									6.90	2.81	.96	12				14	11	
GEIGERTOWN									3.39	.94	.72	16				17	6	
GEORGE SCHOOL	59.9	- 1.4	89	11	30	9		1	9.48		1.93	5				10	7	4
									8.49	5.02	2.01	5				11	7	4

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
GETTYSBURG	62.2	0.3	92	12	40	9	1		4.12	.20	1.25	7				11	5	1
GETTYSBURG 1 S									5.01		1.18	7				13	8	1
GLEN ROCK									6.62		1.75	29				16	7	1
GOOD SPRINGS 1 NW -																		
GORDON	58.9	0.5	91	11	30	2	1	1	7.43	3.19	1.45	13				16	11	2
GOULDSBORO									7.04	2.68	1.26	30				17	10	1
GRANTVILLE 2 SW									7.12		1.51	29				13	8	2
GRATERFORD									8.88	5.20	1.41	13				13	10	4
HANOVER	61.4a	- 2.0	92	12	42	2+	1		6.15	2.73	1.08	5				16	7	1
HARRISBURG 3 S WB AIRPORT	61.4	- 0.4	92	11	39	9	1		5.64	2.20	1.10	5				15	8	1
HARRISBURG NORTH									6.28	2.31	1.59	5				14	8	2
HAWLEY	57.1	- 0.4	92	11	28	2	1	2	6.82	3.16	1.66	25				17	10	1
HAWLEY 1 S WALLEN DAM	52.2a		78	11+	24	2		5			.67	6				12	9	
HEWITT 2 S	58.7b		91	11	37	23+	1		3.73		.71	7				12	5	
HOLLIDAYSBURG									4.88		.88	12				14	7	
HOLLISTERVILLE									5.58	1.43	.93	25				18	9	
HOLTWOOD	61.8	- 1.5	85	12	45	9			7.36	4.54	2.15	30				16	10	2
HONESDALE 4 NW GLASS POND									5.78		.93	14				17	9	
HONESDALE TANNERS FALLS //									3.99		.68	13				15	7	
HOP BOTTOM 2 S									3.78		.70	8				17	6	
HUNTINGDON	58.9f	- 1.6	92	12	32	3+	1	2	3.59	.56						12	6	
HUNTSDALE FISH HATCHERY									4.74		.85	14				12	7	
HYNDMAN									3.02	- .13	.78	3				10	6	
JACKSON SUMMIT									4.12		1.06	23				14	6	1
JUNIATA HOUSE									5.66							8	6	2
KARTHAUS									4.74		.89	17				17	9	
KIRKWOOD 1 SW									7.97		1.72	5				15	7	5
KRESGEVILLE RES 3 W									6.79		.92	13				16	10	
LAKEVILLE 1 N									7.06	2.87	1.65	25				17	9	1
LAMPETER SCS 1A									9.12		2.99	29				13	9	3
LANCASTER 2 NE PUMP STN	61.2	- 0.1	91	11	33	9	1		9.42	6.11	3.13	30				14	8	4
LANCASTER 2 NE FILTER PLANT									8.54		2.76	29				13	7	4
LANCASTER 3 NE EXP FARM									9.13		3.13	30				17	9	2
LANSFORD									7.57	3.66	1.17	13				16	12	1
LANSFORD FOREMANS SHOP									7.64		1.28	13				17	13	1
LAURELTON 2 N STATE VILLAGE									5.21		1.18	29				11	8	2
LAWRENCEVILLE	56.4	- 1.2	91	11	28	2	1	5	4.15	.38	.62	23				14	7	
LEBANON	60.8	- 0.5	91	11	36	9	1		6.55	2.71	1.62	30				16	9	1
LEBANON 3 SW									6.08		1.52	29				15	8	1
LECONTES MILLS TOWER									4.94		1.36	17				18	5	1
LEHIGHTON									6.45	1.81	1.07	13				15	11	1
LE ROY									7.49		1.24	31				14	11	3
LEWISTOWN									4.27		.71	29				14	8	
LOCK HAVEN 1	60.8	- 1.0	89	12	33	3												
LOCK HAVEN 2									4.55		1.15	5				12	6	1
LONG POND									8.02		1.30	13				19	12	1
MAPLE GLEN									8.42		2.03	13				13	7	3
MAPLETON DEPOT									3.56		.53	29				13	7	
MARCUS HOOK	63.8	- 2.3	91	12	46	22	1		6.39	2.80	1.04	5				15	9	1
MARTINSBURG									5.56		1.29	28				13	7	1
MARTINSBURG AIRPORT	57.4		86	11	38	8+			6.42		1.55	28				15	10	2
MATAMORAS									6.65	3.19	1.15	6				13	6	2
MAUCH CHUNK 1 SW	58.4c	- 1.3	89	11+	31	9		2								15	11	2
MC CONNELLSBURG									4.60	- .70	1.35	30				11	7	1
MC CONNELLSTOWN TOWER									5.23		1.19	29				12	7	1

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
MEDIX RUN									8.14		1.34	16				16	10	3
MERCERSBURG									4.43		.90	7				15	6	
MIDDLETOWN OLMSTEAD FIELD	61.4	- 0.5	90	11	37	9	1		5.43	1.33	1.29	5				12	7	2
MILAN									4.69									
MILANVILLE									5.72							15	8	
MILLERSBURG 2 E									6.11		1.48	12				13	8	1
MILLVILLE									4.74		.76	14				12	7	
MILROY									4.11		1.03	29				9	6	1
MONROE FURNACE									4.84		1.35	12				16	9	1
MONROETON 2 S TOWER									5.73		1.00	24				21	9	1
MONTROSE 3 E HIGHWAY SHED	52.7a	- 2.5	86	12	32	1+		2	4.86	.96	.96	24				20	7	
MONTROSE																14	7	
MOUNT POCONO 2 N WB AIRPORT	53.3	- 0.8	85	11	30	2		3	7.39	3.31	1.23	12				16	7	1
MOUNT UNION 1 NW //									4.75		.94	12				12	7	
MYERSTOWN									6.86		1.53	30				13	9	2
NEFFS MILLS 4 NE	58.0		85	13	30	2+		3								8	4	1
NESHAMINY FALLS																		
NEWBURG 3 W	52.4		82	11+	30	2+		3	6.30		1.50	12				12	7	2
NEW PARK									7.73	4.30	2.53	30				13	7	2
NEWPORT									7.04	2.72	1.62	13				14	9	2
NEW TRIPOLI									7.30		1.52	13				15	7	3
NORRISTOWN																		
ORWELL 3 N									5.56		2.03	24				18	5	1
PALM									10.12		2.44	13				13	10	4
PALMERTON	58.2	- 1.7	89	11	32	9		1	4.95	1.27	.86	5				1	8	
PARK PLACE 1 NW WB AIRPORT	59.0		86	10	34	22			6.80		1.42	12				19	10	1
PAUPACK									7.25	3.61	1.42	25				18	9	1
PECKS POND									6.79		.90	8				16	9	
PHILADELPHIA WB AIRPORT	62.0	- 0.1	90	11	40	9	1		7.40	4.14	1.80	5				15	6	3
PHILADELPHIA POINT BREEZE	62.6		88	11	47	4+			6.60		1.61	5				12	6	2
PHILADELPHIA SHAWMONT	61.8	- 1.5	89	11	35	8+			8.15	4.78	2.00	5				16	8	3
PHILADELPHIA WB CITY	62.2	- 0.7	88	11	45	9			6.88	3.62	1.82	5				14	7	2
PHILLIPSBURG WB AIRPORT									3.73		.67	12				15	6	
PHOENIXVILLE 1 E	63.4a	1.1	94	12	31	9	2	1	8.02	4.07	1.40	14				15	11	2
PIKES CREEK									4.68		.92	13				16	7	
PINE GROVE									7.23	3.28	1.51	30				16	10	3
PLEASANT MOUNT 1 W									4.44	.17	.93	17				17	4	
PORT CLINTON	57.9	- 3.1	90	12	30	9	1	1	7.96	3.82	1.75	30				14	11	3
PORTLAND									6.32		1.40	13				12	7	2
POTTSTOWN									10.67	6.73	1.81	5				13	11	4
POTTSVILLE									6.96	2.65	1.05	13				14	10	2
POTTSVILLE BRIDGE									6.82		1.01	13				16	9	1
QUAKERTOWN	59.2	- 0.5	88	11	30	9		1	9.66	5.83	2.96	13				14	8	4
READING WB CITY	62.0	- 0.1	93	11	38	9	3		8.50	4.83	1.57	5				15	7	5
RENOVO									4.06	.23	.98	17				18	5	
RENOVO 6 S STATE CAMP									4.11		1.02	5				16	5	1
RETREAT FARMS	58.8		92	11	32	2	1	1	4.49		1.01	14				15	7	1
RINGTOWN 1 SW			90	11			1		6.90		1.50	3				9	9	2
RUSH 6 S									4.45		.91	24				19	8	
SAFE HARBOR DAM									9.11		2.96	30				15	10	2
SAXTON									5.80		1.12	13				10	8	2
SCRANTON WB CITY									4.10	.83	.71	5				17	6	
SELINGSGROVE AIRPORT	59.5	- 1.3	90	11	31	9	1	1	4.98	.94	.81	7				14	10	
SELLERSVILLE 2 NW									6.33		1.82	13				10	6	2
SHADE GAP									5.74		1.32	12				13	9	1

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES				SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
SHAMOKIN									7.28	3.18	1.20	13				17	11	2
SHIPPENSBURG	61.8		91	11	35	1	1		4.23	.08	.88	7				10	7	
SOUTH MOUNTAIN									6.61		2.86	30				13	5	2
SPRING GROVE									7.55		1.50	13				13	7	3
SPRUCE CREEK									4.63		1.07	13				13	7	1
STATE COLLEGE	59.1	0.1	90	11	37	9	1		4.54	.49	1.88	12				13	6	1
STRAUSSTOWN									7.22		1.62	30				12	11	1
STROUDSBURG 2 E SUBSTATION																		
STROUDSBURG									6.07		1.46	12				13	8	1
SUNBURY									4.93	.64	.86	13				15	12	
SUNBURY AIRPORT 2 N	59.4		89	11	34	9			5.01		.70	14				15	9	
SUSQUEHANNA									4.31	.65	1.02	24				21	6	1
TAMAQUA									7.18		.99	13				15	11	
TAMAQUA 4 N STILL CREEK DAM									7.29		1.87	13				17	11	1
TAMARACK 2 S FIRE TOWER	54.2a		89	12	32	9		1	5.00		1.40	24				19	6	1
TOWANDA	57.0	- 0.8	90	11	28	2	1	3	5.88	2.50	1.39	24				21	7	2
TOWER CITY DAM 5 SW									6.53		1.47	5				13	7	2
TUNKHANNOCK 1 S AIRPORT	55.8c		91	13	28	2	1	3	3.45		.41	8				3	16	7
TYRONE 4 NE BALD EAGLE									4.30		1.07	12				13	6	1
VIRGINVILLE									9.25		1.96	13				15	10	3
WATROUS 9 S LEE FIRE TOWER									5.03		1.22	24				21	7	1
WEBSTER MILLS 3 SW																		
WELLSBORO	53.6	- 2.9	89	11	26	2		7	4.15	.36	1.33	24				21	5	1
WELLSBORO 2 E									3.70		1.20	23				12	6	1
WELLSVILLE	60.8a		89	11	32	9		1	5.22		1.08	5				13	6	1
WERNERSVILLE									7.79		1.60	13				15	9	3
WEST CHESTER	61.1	0.1	90	11	38	9	1		8.91	4.66	1.79	1				13	8	3
WEST GROVE 1 SE									9.04	5.14	2.00	5				11	8	5
WILKES-BARRE	57.9		91	11	35	2+	1		5.30	2.15	1.06	14				16	8	1
WILLIAMSPORT 4 SE TOWER									4.30		.85	5				14	8	
WILLIAMSPORT 4 E WB AIRPORT	58.8		92	11	30	9	1	1	3.91		.90	5				13	7	
WILLIAMSPORT									3.88	.30	.58	5				16	7	
WILLIAMSTOWN	55.6	- 4.9	90	11	31	9	1	1	6.44	1.78	1.10	5				14	11	2
WIND GAP 3 SW									6.66		1.42	13				12	8	2
YORK 3 SW PUMP STATION	63.1	1.2	95	11	35	9	2		7.66	4.20	1.98	30				13	8	3
YORK 2 S FILTER PLANT									8.06		1.96	29				14	7	3
YORK HAVEN									6.84	3.31	1.09	30				14	10	2
ZIONSVILLE 1 SW									10.33	6.09	3.40	13				12	8	4
DIVISION	58.8	- 1.5	95	11	24	2	1	2	6.14	2.46	3.77	13				14	7	2
OHIO DRAINAGE																		
ACMETONIA LOCK 3 LOWER									3.46	.35	.70	5				16	5	
ALLENS MILLS									5.39		1.23	28				17	6	1
BAKERSTOWN 4 WNW																		
BARNES									5.10		.90	24				16	9	
BEAVER FALLS									3.00	.39	.96	5				10	4	
BLAIRSVILLE 6 ENE	56.6a		84	11	32	8		1	5.91	.72	.90	5				17	10	
BOSWELL									7.83		1.73	29	T	T	8	16	9	2
BRADDOCK LOCK NO 2									3.84		.72	17				15	6	
BRADFORD CITY HALL									3.95		.81	5				15	6	
BRADFORD 4 W RES NO 1	53.3	- 2.1	83	11	26	2		8	4.99	1.19	.96	5				20	7	
BROOKVILLE	55.8		84	11	30	2+		5	3.38	- .35	.71	7				19	4	
BRUCETON									3.90	- .23						10	7	

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
BUCKSTOWN									7.14		1.97	12				16	5	2
BURGETTSTOWN 3 W																		
BUTLER	58.4	- 1.5	88	12	33	25			3.14	- .46	.99	5				10	5	
BUTLER SUBSTATION																11	6	
CHARLEROI									3.79		1.24	12				14	3	1
CHARLEROI L 4 LOWER									3.71	.02	1.14	13				13	5	1
CLARION DAM 3 SW	56.8		87	11+	29	20		6	3.16	- 1.00	.72	5				16	4	
CLAYSVILLE	58.0	- 2.8	86	11	32	20		1	3.59	- .20	.83	29				15	5	
CONFLUENCE DAM 1 SW	56.9a		88	12	33	20			3.90		.82	3				15	8	
CONFLUENCE 1 NW									4.77	.67	.94	3				16	8	
CONNELLSVILLE									4.93		1.20	29				14	6	1
CONNELLSVILLE 4 N									5.01		1.02	28				15	6	1
CORAOPOLIS DAM 2									2.89	- .68	.70	5				11	4	
CORRY	56.0	0.8	84	11	31	2+		3	3.97	.10	.64	13				17	7	
COUDERSPORT	53.8e	- 2.4	86	11	26	9		5			1.16	23				9	5	1
COUDERSPORT CAMP									5.39	1.09	.95	24				16	10	
CREEKSIDE									4.03		.63	17				15	8	
CRESSON 1 E									4.75		1.08	28				13	11	1
CUSTER CITY 2 W SONGBIRD									4.54		.64	23	T	T	8	19	7	
DERRY	59.4	- 1.4	85	10+	36	20			4.79	.83	.89	13				13	6	
DONEGAL	54.0		84	11	27	20		3	5.81		1.19	7				15	9	1
DONORA	62.4	- 0.7	91	11	39	20	1		3.89	.18	.93	12				16	6	
DUNLO									4.73							11	5	1
EBENSBURG	55.4a	- 1.1	84	12	32	8+		2	4.59	.20	.86	3				17	8	
ERIE AIRPORT									4.27		1.31	10				15	3	1
FARRELL SHARON	61.4	1.4	86	11	39	20+			3.75	.42	1.06	5				12	6	1
FORD CITY DAM 4 S	56.6a		86	12	32	20		1	3.67		.81	5				16	5	
FRANKLIN	55.5a	- 2.5	85	12	33	9			3.42	- .22	.64	16				16	6	
GIFFORD									3.90		.58	5				17	5	
GLENCOE									2.85		.87	3				10	4	
GLENWILLARD DAM LOWER									3.22		.69	5				14	5	
GREENSBORO L 7 LOWER									3.38	- .44	.96	3				11	6	
GREENSBURG 2 S FILTER STA	63.4	2.9	87	11	20	2		1	3.68	- .36	.76	5				14	7	
GREENSBURG 2 E HWY SHED									3.37		.70	7				14	5	
GREENSBURG 3 SE UNITY RES																9	6	
GREENVILLE	56.0	- 2.2	86	11	29	20+		6	3.45	- .17	.98	5				15	5	
HOME																15	6	
HOOVERSVILLE									3.46		.91	3				15	4	
INDIANA 2 SE	57.2a		86	11	29	20		4	3.71		.92	5				16	6	
INDIANA					30	6		1	4.26	.07	.89	5				15	6	
IRWIN	59.4	- 1.0	86	11+	35	20			4.69	1.26	1.20	29				15	6	1
JAMESTOWN 2 NW DAM	55.0		84	12	31	20		3	3.59	- .41	.62	5				16	5	
JOHNSTOWN 1	60.5	- 0.5	91	12	37	20	1		4.64	.20	.93	29				15	8	
JOHNSTOWN 2									4.34		.87	7				11	7	
KANE	51.7		86	11	25	2		10	5.02	.62	.94	23				20	5	
KANE 5 SE									4.74		.91	16				19	5	
KREGAR 4 SE HILL TUNNEL									7.50		1.41	28				17	8	3
LAFAYETTE MC KEAN PARK									4.64		.82	16				20	6	
LATROBE									4.42		.90	29				13	6	
LEWIS RUN BIG SHANTY									4.75		.60	5				19	9	
LINESVILLE 6 NW PENN LINE									3.86	.21	.58	3	T	T	7	15	7	
LYCIPPUS 1 E									5.20	.94	1.04	3				14	8	1
MARIENVILLE									4.17		.79	16				15	6	
MARION CENTER 2 SE									5.13		.84	3				17	8	
MARSHBURG									4.58		.64	5				17	6	

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
MAYBURG									5.04		.80	24				16	8	
MC CORMICK									5.62		.75	5				16	11	
MC KEESPORT									5.28	1.84	.96	3				13	8	
MEADVILLE 1 S	54.7a	- 2.3	64	11	29	20		3	4.07	.03	.67	5				17	8	
MERCER 5 NE WB AIRPORT	54.9		84	11	31	8		2	3.96		.87	5				16	7	
MERCER									3.92		.83	16				15	7	
MEYERSDALE									4.24		1.04	30				12	5	1
MIDLAND DAM NO 7	5.87	- 2.3	85	11	35	8			3.17	- 1.33	1.10	5				10	5	1
MOSGROVE L 8 LOWER									3.49	- .65	.93	3				16	4	
MURRYSVILLE									3.72		.57	28				13	7	
NATRONA L 4 LOWER									3.56	- .56	.75	5				15	4	
NEW CASTLE 1 N	57.6	- 2.1	87	11	32	25		1	3.39	- .08	1.13	5				14	5	1
NEWELL	60.6a	- 0.6	89	11	35	19+			3.89	.68	1.43	13				8	4	2
PARKERS LANDING									3.56	- .30	.72	3				14	7	
PARKERS LANDING 1 E									3.17		.69	5				14	6	
PINE GROVE MILLS 1 S									4.15		.86	12				15	8	
PITTSBURGH 7 SE WB AIRPORT	59.8	- 0.4	89	11	38	8			3.17		.50	7				14	6	
PITTSBURGH WB CITY	61.9	- 0.7	89	11	40	8			2.82	- .39	.57	2				14	4	
PORT ALLEGHANY									4.21		.71	24				22	5	
PORT ALLEGHANY HATCHERY									4.34		.84	23				13	7	
PUNXSUTAWNEY 1									3.46	- .80	.49	17				19	6	
PUNXSUTAWNEY 2									3.21		.65	7				14	6	
PUTNEYVILLE DAM 2 SE	54.1b		85	12	29	9+		8	4.03							19	6	
REW									4.16		.64	24	T	T	8	18	7	
RICES LANDING L 6 LOWER									4.96		2.01	13				14	6	1
RIDGWAY	54.6	- 1.3	87	12	28	9		4	4.32	.37	.80	16				20	6	
ROCHESTER 1 N									3.10		.62	5				15	5	
SAGAMORE 1 SE									3.47		.51	3				16	5	
SALTBURG									4.07	.35	.71	29				16	7	
SCANDIA									3.67		.78	5				15	6	
SCHENLEY L 5 LOWER									3.07	- .82	.78	5				14	5	
SEWARD									3.77		.78	17				13	7	
SHARPSVILLE									4.18		1.05	5				15	6	1
SHEFFIELD 6 W CHERRY GROVE									4.78		.67	28				17	7	
SMETHPORT HIGHWAY SHED									3.75		.77	23				17	4	
SOMERSET WATER WORKS	56.3	- 0.4	86	11	31	2+		3	5.05	.21	.68	3				16	8	
SOMERSET 2 E SUBSTATION									5.02		1.10	3				11	9	1
SPRINGS 1 SW	54.2	- 1.3	84	11	32	2+		3	5.56	1.36	.80	28				15	10	
STRONGTOWN									3.14		.70	7				15	5	
STUMP CREEK									2.92		.64	8				14	5	
SUTERSVILLE									3.42		.72	13				14	5	
TIONESTA 2 SE DAM	54.0a		84	12	32	9		1	4.22	- .60	.89	29				21	7	
TITUSVILLE 2 S	53.6		84	11	29	25		7								15	6	
TITUSVILLE									3.59		.73	5				16	4	
TUNNELTON //									3.47		.48	5				16	6	
UNION CITY 1 W									3.95		.61	17				15	6	
UNIONTOWN	60.8	- 1.3	90	11	36	20	1		4.47	.36	.91	3				14	4	
VANDERGRIFT									3.62		1.00	17				11	6	1
VANDERGRIFT 2 W									3.48		.77	16				14	5	
WARREN	55.2	- 1.4	88	11	31	2		3	4.22	.02	.60	5				18	9	
WASHINGTON									4.40		.86	28				17	6	
WAYNESBURG 2 W	58.7	- 2.3	89	11	31	20		1	4.37	.22	1.00	3				14	6	1
WAYNESBURG 1 E									4.85		1.90	12				11	6	1
WEST NEWTON									5.24	1.61	1.81	29				12	7	1
WHITESBURG									4.22		.85	3				14	5	
YOUNGSVILLE																17	7	

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES				SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
DIVISION	57.0	- 1.9	91	11	25	2	1	3	4.17	.32	2.01	13	T	T	7	14	6	1
LAKE DRAINAGE																		
ALBION	53.0		81	15+	30	25		2	3.83		.51	5				15	7	
ERIE W B CITY	54.3	- 2.5	73	27	30	7+		2	3.79	.39	1.02	10				16	5	1
RAYMOND									-	-								
DIVISION	53.6	-	81	15	30	7		2	3.81	-	1.02	10				15	6	1

See reference notes following Station Index

TABLE 3

DAILY PRECIPITATION

PENNSYLVANIA

MAY 1948

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ACMETONIA L 3 LOWER			.55	.04	.70	.04	.20	.63			.03		.10	T	.10	.02	.49	.17			.01								.31	.03	.04	3.46
ALBION z		.19			.51	.38	.33		.10	.28	.11	.01	.09	.31	.21	.51		.48					.10	.22							3.83
ALLENS MILLS r		.14	.30	.06	.64	.05	.95	.13	.04	.03		.10	.30			.61	.22						.43	.13				1.23	.03			5.39
ALLENTOWN WB AIRPORT z	T	.08	.62	T	1.18		.75	T				1.14	1.70	.29		.53	.02	T		.13	.13				.01				.87	.43	T	7.88
ALLENTOWN GAS CO	T		.33	.30	.35	1.12	T	.80					2.23	.99	.23		.56	.01	T		.23				.01					1.84	.09	9.09
ALTOONA HORSESHOE CURVE		.18	1.74		.86		.72	.07					1.73	.34		.27	.28											.03	1.00	.06		7.28
ARENDTSVILLE			.71	.07	.34	.03	1.00	.03					.09	.41			.59	.02												1.75		5.04
AUSTINBURG 2 W r			.06		.64		.12	T	.06	.06		.10	.49	T		.63	.07	.09		.31	.01		.60	-	-	-	-	-	-	-	-
AVOCA WILKES-BARRE AP			.06		.53		.63	.01	T	T		.31	.45	1.06	T	.47	.01	.13		.23	.09		.18	.31				.64	.19		5.30
BAKERSTOWN 4 WNW																																
BARNES		.27			.47	.08	.20	.28		.35	.14		.18	.10		.50	.50	.62			.18		.08	.90				.25			5.10
BEAR GAP	-	-	-	-	.55		.62					1.18	1.12	.93		.30	.16	.10		.25	.13			.08					.49		
BEAVER FALLS			.57	.03	.96	.07	.21	.65			.10	T	.01	M	T	T	.26	.14			T							T	T		3.00
BELLEFONTE PRISON FARM			.22	.12	.50	.18	.32	.10					3.50	.15		.38	.08	T	T		.07							.35			5.97
BERWICK			.48		.30		.59	.01				.37	.58	.86	.16	.47	.03				.45			.14			T	.53	.40		5.37
BETHLEHEM RIVER STATION	T		.37	.17	.41	.92	T	.86					2.72	1.02	.28		.67				.24				.03					1.96	.03	9.68
BETHLEHEM LEHIGH VALLEY		.06	.50		1.24		.71					1.08	2.26	.13		.63	.09			.11	.12							1.65	.27	.02	8.87
BLAIN r		*	.90	.02	.79		.70					2.60	.29	.04		.21	.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIRSVILLE 6 ENE		.47	.57	.33	.90	.06	.73	T	T	.18		.45	.17	.42		.56	.45	.10		T	.01							.31	.08		.12	5.91
BLAKESLEE CORNERS r		.01	.31		.47		.70	.02				1.80	.70	.74		.53	.38	.18		.17	.13		1.20	.30					.35	.13		8.12
BLOSERVILLE 1 N		T	.87		1.15		.97	.07					.97			.34	.20	T		.01	T	T		T	.22				.62	.40		5.82
BOSWELL z			1.30	.46	.65	.24	.43	.93					.55	.16	.08	.02	.53	.44	.03		.13								1.73	.15		7.83
BRADDOCK LOCK NO 2			.57	.05	.67	.05	.28	.39			.18		.29	.07	.17		.72	.24			.01								.13	.02		3.94
BRADFORD CITY HALL					.81		.23	.04			.05	.02	.44	.07		.55	.05	.42			.12	.13	.17	.55					.30			3.95
BRADFORD 4 W RES NO 1			.01		.96	T	.16	.10	.03	.20	.04	.07	.28	.03	.02	.51	.53	.09		.02	.16	.11	.76					.34	.57			4.99
BREEZEWOOD																																
BROOKVILLE		.18	.08	.03	.53	.02	.71	.11	.02	.07		.07	.23	.02		.24	.33			T	.01		.15	.06				.47	.05			3.38
BRUCETON		*	.66	.04	.57		.26	*	*	.30			.43	.23	*	M	.40	.18					*	*					*	*	.83	3.90
BUCKSTOWN r		.60	.34	.24	.11	.01	.58	.01				1.97	.08	.05		.45	.23				.10							1.31	.87	.19		7.14
BUFFALO MILLS			.95	.02	.29		.39	.14					.15	.10			.32	.12	.06										.28	.43		3.25
BURGETTSTOWN 3 W																																
BURNT CABINS 2 NE		.10	.75	.05	.26	.03	.69					.38	.62	.09		.37	.06							.03				.09	.96			4.48
BUTLER			.68		.99		.32	.15		.11	.02			.02		.45	.39				.01											3.14
BUTLER SUBSTATION r		.30	.29	.28	.71		.40	.04		.09						.22	.46	.04						.03	-	-	-	-	-	-	-	-
CAMP HILL			*	.46	1.70		.88						.46	.30			.44	.03			.13				.45				T	T		4.85
CANTON 1 NW z	.05		.05	.02	.21	.17	.11	.17	.02	.03			.40	.10	.15	.03	.58	.23	.34		.59	.10	.02	1.56					.25	.14		5.32
CARLISLE		.03	.60		1.08		.88	T				.01	1.00	.08		.30	.03	T		T				.34					.15	.43		4.93
CARTER CAMP z			.34	.14	.40	.38	.21	.13		.03	.08		.28	.15	T	.03	1.25	.10	.07		.32	.09	.03	1.00					.38	.20		5.61
CARROLLTOWN			.91	.19	.21	.49	.13	.32	.29	T		.03		.09	.03		.45	.14	.13										.31	.06		3.78
CEDAR RUN			.34	.08	.43	.15	.19	.12					.04	.12	.02	.18	.66		.05		.38	.04	.03	1.65					.28			4.76
CHADDS FORD			.36	.13	1.97	.11	.25	.74					.81	.68			.98	.04			.22	.02								1.15	.38	7.74
CHAMBERSBURG		.17	.69	T	.38	T	.99		T			T	.38	.05		.45	.05	T		T	T			T					.52	.12		3.80
CHARLEROI r		.79	.19	.26	.12	.02	.58	.03				1.24	.06			.18	.13	.02										.14	.03			3.79
CHARLEROI L 4 LOWER		.94	.02		.36	.03	.32	.23			.03		1.14	T	.06		.27	.12	.04										.15			3.71
CLARION DAM 35 W z			.35		.72	.07	.14	.21			.14	.13	.11	.03	T	.38	.12	.15				.01	.01	.57					.02			3.16
CLAUSSVILLE						.32		2.00	1.58				2.00			1.25						.25							.72		8.12
CLAYSVILLE		.07	.60	.01	.47		.55	.04		.13		.03	.16	.04		.19	.32				.04				.11	.83	T		.35	.59		3.59
CLEARFIELD			.28	.04	.42	.21	.27	.34	.03					.17	.18		.43	.17			.02	.01		T				.02	.21	T		2.80
COALDALE GREENWOOD RES	.01		.32	.36	.34	.79	.01	.91	.01				1.31	.93	.22		.57	.33	.05		.27			.33	1.20					.52		8.48
COALPORT z			.20	.45	.40		*	.40		*	.10			.42			.41	.20										T	T			2.58
COATESVILLE 1 SW z			.52	.09	1.41	.60	.21	.96	.02				.61	.59	T		.79	.21	T		.23	.01			.07	T	T			1.44	1.38	9.14
COATESVILLE			.51	.10	1.48	.51	.29	.89					.65	.61			.76	.17			.22	T			.06		.01			1.50	1.63	9.29
COLUMBIA		T	.81	T	1.39		.97						1.27	.02		.53	.09				.18				.56		T		.12	1.06		7.00
CONFLUENCE DAM 1 SW z			.82	.03	.41	.05	.25	.45					.31	.05	T	T	.55	.25	.15		.04	.08						T	.09	.37		3.90
CONFLUENCE 1 NW			.94	.04	.50	.07	.27	.64					.31	.05	.02		.59	.54	.15		.04	.04							.09	.48		4.77
CONNELLSVILLE			.93	.12	.46	.07	.22	.61					.38		.05		.53	.06	.03										1.20	.06	.21	4.93
CONNELLSVILLE 4 N r		.62	.50	.44	.13		.64	.03				.79	.05	.03		.43	.02	.07										1.02	.09		.15	5.01
CONSHOHOCKEN			.50	.17	1.90	.30	.25	.79					1.48	.60	.16		.61	.27			.19	.01			.03				1.19	.54		9.09
CORAOPOLIS DAM 2			.67		.70	.02	.23	.16			.03	T	.05	.10		.08	.43	.42														2.89
CORRY	.02		.17		.43		.37	.29	.02	.18	.14	.06	.54	.01		.35	.41	.06			.15		.46					.21				3.97
COUDERSPORT			.30		.51		.22			.35		.26	-	-	-	-	-	.16		.01		.24	.16								-
COUDERSPORT CAMP					.58	.32				.40	.15			.11	.09	.62	.34	.29	.35		.33	.11	.19	.95					.11	.45		5.39
COVINGTON	T		.03	T	.25	.09	.21	.08			.03		.28	.12			.34	.12	.08		.38	.04		.07	1.55				.25	.05		3.97
CREEKSIDE			.45	.09	.50	.19	.25	.36			.26		.43	.31	.21		.63	.13	.03		.04								.15			4.03
CRESSON 1 E r		.43	.57	.17	.46		.29					.27	.25	.35		.35	.25	.03										1.08	.25			4.75
CURWENSVILLE 6 NW		.15	.09	.09	.68	.03	.82	.21	T	.02	T	.05	.08	.32		.58	.29	T		.02	.01	T	.02	T			T	.20	.04			3.73
CUSTER CITY 2 W SONGBIRD	.03		.25		.61	.36	.13	.08	.05	.23	.07	T	.37	.10		.57	.17	.45	.04		.14	.12	.64	T					.13			4.54
DANVILLE			.45	.20	.40	.11	.48	.46					.70	.33	.83		.36	.05			.34			.09					.06	.37		5.23
DAUPHIN 3 N			.18	.07	.70	.16	.52	.30					2.11	.55	.01		.26	.02			.18	T			.37				.40	1.06		6.89
DERRY		.16	.70		.79		.40	.14		.04			.89	.18		.35	.23	.07										.60	.24	T	T	4.79
DINGMANS FERRY z	.13			.06	.36	.57	T	.88					1.22	.72	.17		.50	.09	.10		.15	T		.31	.04					.53	T	5.83
DONEGAL		.47	.88	.32	.63	.03	1.19	.08				.88	.06	.03		.35	.28	.02										.50	.09		T	5.81
DONORA		.75	.08	.20	.29	.41	.38	.01		.06		.93	.03	.07		.20	.34	.01										.11	.02			3.89
DOYLESTOWN	T		.58	.01	1.47		.96						2.20	.02	.08	.98	.04	.04			.15	T			.13		T	.02		1.10	.23	8.01
DRIFTWOOD r		*	.50	*	*		*	*		1.15		.11	.07	.10		.60	.25			.01	.10		.65	.62				.70	.04			4.98
DU BOIS 7 E z			.40		.55		.54	.29		.06		.15	.06	.45		.49	.88	.04		T			.13					.10	.15			4.29
DUNLO r		.57	.29	.15	.19	.01	.47	.01				*	*	*		*	1.41	.10										.89	.64			4.73
DUSHORE r		.09	.11		.34		.35					.09	.18	.39		.43	.02	.07		.40			.06	.06					.08			2.67
EAGLES MERE z	T	.02	.10	.07	.19	.16	.06	.44	T		.15		.16	.22	.22		.62	.06	.15		.63	.03	T	.04						.17	.05		3.54
EAST WATERFORD			.73	.34	.33	.47	.33	.18	T				3.77	.23	.07		.27	.11	T		.06	.01			1.08					1.31	.44		9.73
EBENSBURG			.86	.09	.57	.04	.32	.44			.05	T	.26	.23	.01	.30	.07	.41			.06	.02								.68	.18		4.59
ELIZABETHTOWN			.65	.25	.97	.12	.22	.72					.39	.63		.59		.13			.22				1.16						.59	.06	6.70
EMPORIUM z	.02		.27	T	.66	.19	.24	.15	.02	.06	.16	T	.12	.34		.31	.17	.14	.05		.15	.03	.04	.53				.13	.02			4.40
ENGLISH CENTER r		.04	.41		.60		.36					.14	.04	.11		.79	.12	.09		.40	.03	.01	.02			.08	.08		.51			3.83
EPHRATA			.74		1.36		.98						1.16			.60	.09				.26				.28					1.30	.08	6.85
EQUINUNK	.11				.08	.38	.02	.68		.01			.20	.23	.39	.02	.50	.20	.07		.40		.15	.75	.15					.09		4.53
ERIE WB CITY z	.01	T				.25	.06	.23	.21	.20	1.02	.01	.12	.21	.05		.40	.25	T		T	.01	.01	.75								3.79
ERIE AIRPORT		T		T	.21	.10	.22	.08	.23	1.31	.04	.15	.08	.06	T	.80	.18	T		.02	T	.08	.71									4.27
EVERETT z			.67	.08	.22	T	.50	.17					.67		.36		.42	.12											.23	.36		3.80
FARRELL SHARON		.51			1.06		.42	.37		.03	.13	.03	.11	.01		.30	.56	.22														3.75
FORD CITY DAM 4 S z			.51	.03	.81	.06	.20	.45	T				.17	.12	.11	.17	.26	.60			.01	T		T				.07	.08	.02		3.67
FRANKLIN z			.13	.04	.52	.09	.25	.26	T	.10	.23	.01	.14	T		.64	.38	.35		T	.02		.02	.24								3.42
FREDERICKSVILLE 1 SE			.48	.24	2.13	.06	.23	.77					2.13	1.00	.04	.70		.07	.01		.23				.04			T		1.53	.12	9.83
FREELAND			.25	.28			.86		.08			.96	.46	.64		.56	.14				.57			.52	.74				.79	.05		6.90
GALETON	.22		.02		.50	.02	.22	T		.03		.27	T		.02	.72	.20	.02	T	.04	.26	T	.30	.40					.10	.05		3.39
GEIGERTOWN			.99		1.93		1.02						1.86	.68			.67				.23				.15					1.82	.13	9.48
GEORGE SCHOOL			.70		2.01		1.06						1.91		.16	.86	.09	T			.10	T			.41		T			1.05	.24	8.49
GETTYSBURG		.11	.60	T	.42		1.25						.40	.18	.02		.60	.02				T			.15					.34	.03	4.12
GETTYSBURG 1 S r		.31	*	.82	.34		1.18					.05	.50	.02		.50	.04				.01			.83					.38	.03		5.01

See reference notes following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
...IFFORD		.21			.58	.34	.20	.05		.23			.30	.13		.50	.17	.19	.03		.13	.10	.13	.51				.10				3.90
...LENFOL z			.87	.08	.41		.44	.18						.20			.32	.14				.10									2.85
...LEN ROCK r		.15	.50	.11	.82		.90						.64	.21		.52	.05			.04	.06			.70	.03				1.75	.11	.93	6.62
...LENWILLARD DAM LOWER			.55	T	.69	.05	.29	.18			.03	.02	T	.08	.02	.06	.64	.42										.01	.04			3.22
...OOD SPRINGS 1 NW	-	-	-	.02	1.21		.64					1.43	.83	.14		.48	.19	.15		.23	.11								.96	.02		
...ORDON			.87		1.98	.01	.70					.51	1.45	.60	.12	.30	.05	.07			.38			.05	.33				.45	.26		7.14
...OULDSBORO	.24		.14		.18	.48	.04	.68		.02		T	.51	.48	.92		.63	.06	.19		.28			.45	.44					1.26		7.04
...RANTVILLE 2 SW		.02	.56		1.41		.92					.51	.72	.03		.47	.01	.01			.19			.24					1.51	.52		7.17
...RATERFORD			.48	.11	1.31	.32	.88					1.41	.66			1.17	.21				.26									1.28	.71	8.88
...REENSBORO L 7 LOWER		T	.96	.04	.39	T	.28	.22					.61	.11			.37	.25			T							T	.05	.10		3.48
...REENSBURG 2 S FLTR STA		.18	.70	.01	.76	T	.46	.14		.05			.40	.26		.25	.15	.05										T	.26	.91		3.68
...REENSBURG 2 E HWY SHED r		.61	.15	.49	.31		.70	.01	.03			.23	.92	.14		.28	.17											.20			.03	3.47
...REENSBURG 3 SE UNITY RES			.94		.83		.10		.20			.77	T	.27		.23	.25												.50			
...REENVILLE		.20	.04		.98		.46	.04	.04	.18		.04	.29	.02		.41	.57				.01	.01		.16								3.45
...ANOVER			.66	.07	1.08	.19	.85	.02					.31	.90	.08		.43	.05			.04	.01			.37			T		.90	.14	6.15
...ARRISBURG 3 S WB AF z		.06	.45	.05	1.10	T	.84					.83	.27	.05		.35	.05	T		.04	.09			.40				T	.98	.05		5.64
...ARRISBURG NORTH			.30	.03	1.59	.09	.85	.11					1.00	.55	T		.39	.01			.18				.74	*		T	.17	.27		6.28
...AWLEY	.17				.18	.57	.02	.58		.02			.35	.51	.60	.02	.59	.27	.05		.12			.44	1.66					.67	T	6.82
...AWLEY 1 S WALLEN DAM z					.11	.67		.57					.3.	.45	.62		.53	.30	.04		.13			.53	-					.67	T	-
...EWITT 2 S z		.30	.43				.71	.03					.05	.12	.22	.71	.14	.21			T							.67	.14			3.73
...OLLIDAYSBURG r		.33	.66	.19	.34		.49					.88	.58	.07		.22	.06				.03							.87	.13	.03		4.88
...OLLISTERVILLE	.14			.07	.12	.52	T	.72	.02	.01			.33	.46	.42	.01	.43	.06	.10		.20	T	T	.29	.93					.75		5.58
...OLTWOOD z			.44	.03	1.34	.12	.34	.51					.54	.31	T	T	.71	.02			.10	.08			.30		.04			2.15	.33	7.36
...UMB r		.09	.69	.10	.49	.05	.71	-	-	.10		.66	.10	.20		.33	.35			.07	.01							.18				-
...ONESDALE 4 NW GLASS POND	.12				.37	.51		.83		.02			.32	.93	.13	.02	.72	.24	.07		.19		.02	.38	.58					.33		5.78
...ONESDALE TANNERS FALLS r					.27		.44				.09	.05	.68	.41		.64	.15			.12	.06		.41	.22	.10				.25	.10		3.99
...OOVERSVILLE			.91	.05	.22	.03	.15	.18				T	.16	.03	.05	.13	.37	.21			.04								.63	.30		3.46
...OP BOTTOM 2 S			.03		.10	.49	.10	.70		.04			.14	.36	.12	.04	.58				.34		.05	.46	.05				.04	.14		3.78
...UNTINGDON		*	.60	.38	.12	.06	.36	.11					.31	.43	.07	*	.16	.01											.98			3.59
...UNTSDALE FISH HATCHERY z			.49	.19	.46	.63	.81	.17					.12	.85	T		.31	.06			.05									.60		4.74
...YNDMAN			.78	T	.47		.45	.13					T	T	.13		.30	.05				.06							.33	.32		3.92
...NDIANA 2 SE z		.12	.29		.92		.60	.13		.25			.24	.34		.50	.12	.03			.03							.03	.07	.02	.02	3.71
...NDIANA		.08	.17		.99		.58	.11		.21			.74	.26		.44	.53	.05		T	.03	T						.09	.06		.02	4.36
...RWIN		.13	.67		.72		.34	.15		.03			.67	.19	.04	.34	.15	.04	T	T	T								1.20	.01	.01	4.69
...ACKSON SUMMIT r	.03		.05		.43		.15					.23	.23	.10		.58		.39		.43	.03		1.06	.03					.35			4.12
...AMESTOWN 2 NW DAM z			.24		.62	.01	.39	.21	T	.03	.16	.06	.18	T	.01	.57	.41	.14					.05	.50	.01	T						3.69
...OHNSTOWN 1			.90	.03	.28	.23	.29	.60					.40	.13	T	.27	.07	.34	.02		T							.02	.93	.13		4.64
...OHNSTOWN 2 r		.59	.22	.14	.37		.87					.42		.08		.28	.36	.01										.70	.30			4.34
...UNIATA HOUSE			.84		.37		.61	T					*	1.69	.30		.20	.07											1.58			5.66
...ANE	.02	.10	.23		.85	.01	.45	.12	.08	.23	T	.12	.14	.98		.93	.40	.02		.05	.14	T	.94					.03	.08			5.02
...ANE 5 SE r		.09	.22		.85		.37	.13	.11	.19		.11	.13	.08		.91	.33	.09		.10	.07	.04	.84					.02	.06			4.74
...ARTHAUS			.40	.05	.52	.30	.35	.23	T				.31	.12	.58		.89	.35	.01		.09	.02		.10						.39	.03		4.74
...IRKWOOD 1 SW r		.09	.42	.16	1.72		1.00					.02	1.03			.98	.01	.01			.09			.04		.10				1.00	1.30		7.97
...REGAR 4 SE HILL TUNNEL		.73	1.30	.39	.53	.06	1.33	.11			T	.14	.13	.12		.52	.44	.06		T	.03							1.41	.15		.05	7.50
...RESGEVILLE RES 3 W			.35	.18	.57	.51	.22	.82					.92	.61	.17		.56	.17		.07	.34			.20	.47					.63		6.79
...AFAYETTE MC KEAN PARK			.50		.60	.30	.13	.16	.03	.18	.02	.05	.23	.14		.82		.40	.03		.12	.06	.11	.56					.15	.05		4.64
...AKEVILLE 1 N	.19				.14	.43	.04	.68	T				.45	.52	.60	.20	.62	.01	.05		.22	.02	T	.47	1.85				T	.77		7.06
...AMPETER SCS 1A r			.60		1.20		1.10					.28	.82			.53	.30			.09	.08			*	.90				2.99	.39	.09	9.12
...ANCASTER 2 NE PUMP STN		T	.81		1.50	.02	1.04						1.09	T		.45	.29		.01		.20				.70		.02		.05	3.13	.11	9.42
...ANCASTER 2 NE FLTR PLT r		.08	.69		1.30		1.02					.02	1.10			.56				.08	.10			.68	.04				2.76	.11		8.54
...ANCASTER 3 NE EXP FARM			.63	.17	1.32	.03	.72	.39					.28	.93	.01		.59	.03	.02		.19	T			.42		.01		T	3.13	.16	9.13
...ANSFORD			.35	.25	.44	.57	.14	.82					1.17	.83	.25		.72	.15	.03		.20			.37	.78				T	.50		7.57
...ANSFORD FOREMANS SHOP	.23		.27	.30	.30	.66	T	.89	.01				1.28	.88	.25		.55	.25	.03		.22			.34	.68					.50		7.64
...ATROBE				.05	.48	.10	.11	.35			.02		.54		.15		.44	.38			.05								.90	.05		4.42
...AURELTON 2 N ST VLGE r		.14	.33		1.16		.55					.44	.44	.33		.34				.22	.08								1.18			5.21
...AWRENCEVILLE					.40		.18			.15		.12	.52	.10		.50	.10	.28		.05	.48		.62	.15					.50			4.15
...EBANON			.38	.43	.90	.06	.50	.37					.59	.54	T	.03	.64	.07	.02		.24				.14					1.62	.02	6.55
...EBANON 3 SW r		.02	.56	.09	.81		.76					.30	.69			.53	.08	.03		.13	.05			.50					1.52	.01		6.08
...ECONTES MILLS TOWER			.28	.09	.57	.20	.45	.24	.03	T	.06		.01	.08	.23		1.36	.08			.17	.09		.07					.91	.02		4.94
...EHIGHTON z			.30	.27	.62	.50	.35	.72					1.07	.55	.32		.51	.15		.21	T	T		.14	.12				T	.62		6.45
...E ROY			.25		.49		.40	.08				T	.49	.21		.67	1.00			.02	.55	.38	1.90							.71	1.24	7.49
...EWIS RUN BIG SHANTY	T		.35	T	.60	.32	.10	.15	.03	.31	.08	T	.35	.30	T	.45	.02	.57	.02		.18	.10	.12	.50					.20	T			4.75
...EWISTOWN z			.18	.18	.54	.43	.42	.12			T		.39	.27	.12		.36		.03		.07								.71	.45			4.27
...INESVILLE 6 NW PENN LINE			.58		.33	.02	.44	.30	.01	.22	.03	.12	.42			.20	.49	.47			T	T	.02	.21									3.86
...OCK HAVEN 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
...OCK HAVEN 2 r		.03	.55		1.15		.30				*	.60	.11	.84		.60		.03		.23								.10	.01			4.55
...ONG POND	.11		.35	.04	.35	.50	.10	.75	T				1.30	.60	.60		.60	.27	.10	.22	.10	T		.96	.62					.43	.02	8.02
...YCIPPUS 1 E		.12	1.04	.04	.85	.47	.57	.13	T					.30		.30	.20	.10	T		.02							.47	.59		T	5.20
...APLE GLEN			.58	.15	1.53	.11	.92	.03					2.03	.14			.90	.19			.13									1.36	.32	8.42
...APLETON DEPOT			.49	.29	.12	.05	.40	.14					.52	.35	.07		.20	.06											.53	.34		3.56
...ARCUS HOOK			.44	.08	1.04	.56	.14	.83					.89	.53			.68	.03			.17	.09			T	T	T	.01		.40	.50	6.39
...ARIENVILLE r		.06		.01	.70		.49	.20	.05	.56		.09	.05			.79	.24				.06		.37					.32	.18			4.17
...ARION CENTER 2 SE			.84	.15	.64	.24	.32	.60	.03	.28		.04	.38	.22	.23		.54	.40			.04			T				T	.14	.04		5.13
...ARSHBURG					.64	.58	.17		.10	.24	.12	.10	.28	.04	.03	.60	.20	.43			.15	.50	.24					.16				4.58
...ARTINSBURG		.20	.60	.13	.30		.64					.48	.81	.22		.17	*	.21										1.29	.45	.06		5.56
...ARTINSBURG AIRPORT		.52	.41	.17	.30	.04	.54					.68	1.03	.34		.21	.26	T		.02	T							1.55	.34	.01	T	6.42
...ATAMORAS	.23				.09	1.15		1.04		.04			.72	.76	.33		.54	.21	.12					.85						.56		6.65
...AUCH CHUNK 1 SW	T		.53	T	.87		1.04	02			T	.03	1.50	.38	.37	.50	.25	.04	-		.29	T		.15		.40	-	T	*	.53		-	
...AYBURG	.05		.20		.50		.25	.40		.20	.10			.03		.70	.45		T		.05	.07	.03	.80					.71	.50		5.04
...C CONNELLSBURG			.75	.13	.35	.04	.67	T					.13	.56			.36	.10											.16	1.35		4.60
...C CONNELLSTOWN TOWER	T		.47	.57	.34	.16	.42	.18	T		T	T	.83	.43	.20		.20	T		T	T								1.19	.24		5.23
...C CORMICK			.73	.15	.75	.12	.34	.53	T				.38	.40	.06	.53	.32	.52	.02		T	T		.02				T	.27	.48		5.62
...C KEESPORT			.96	.04	.78	.05	.69	.06			.27		.50	.09	.18		.41	.11													.54	5.28
...EADVILLE 1 S z			.29		.67	.05	.48	.53	.03	.18	.13	.09	.28	.08		.35	.07	.15			.03	.02	T	.34								4.07
...EDIX RUN r		.02	.51		1.09		.65	.92		.15		.28		.40		1.34	.93			.06	.12		1.25	.66				.40	.21			8.14
...ERCER WB AIRPORT		.31	.17	.13	.87	.16	.39	.06	.04	.44		.04	.06	.01		.70	.30			.01	T		.27									3.96
...ERCER r		.30	.30	.11	.79	.11	.40	.12	.02	.33		.01	.06	.03		.53	.41						.10									3.92
...ERCERSBURG			.77	.17	.44		.90	.07					.10	.27	.08	.02	.57	.03				.05		.05					.14	.77		4.43
...EYERSDALE			.76	.03	.20		.20	.04						.16	.02		.38	.05											.38	1.04	.98	4.24
...IDDLETOWN OLMSTEAD FLD		.07	.45	.12	1.29	T	.82	T				.28	.46	.05		.65	T	T		T	.06			T	T			T	1.10	.08	T	5.43
...IDLAND			.52	.02	1.10	.05	.34	.62	T		T	T	T	T	T	.16	.28	.05											.03	T		3.17
...ILAN					.39		*	.37				*	*	*		1.08	*	*		*	*		*	2.50				*	.35			4.69
...ILANVILLE			*	.14	.64	T	*	.89	.01	.15			.23	.75	.17		.54	.44	.07		.20	T		.54	.44					.41	T	5.72
...ILLERSBURG 2 E r			.32	.03	.83		.65					1.48	.66	.10		.27	.17			.13	.13								.90	.44		6.11
...ILLVILLE r		.05	.40		.69		.70					.65	.52	.76		.39				.13			*	.15					.20	.10		4.74
...ILROY		.10	.13			.98		.50		T			.57	.39			.38		.03	T	T								1.03			4.11
...ONROE FURNACE r		.11	.33	.01	.38	.02	.56	.02				1.35	.30	.59		.27	.04			.01	.08							.37	.49			4.84
...ONROETOWN 2 S TOWER	.14		.02	T	.20	.51	.04	.39	T	.02	.01		.20	.27	.25	.02	.47	.01	.12		.51	.07	.01	1.00	T				.71	.76			5.73
...ONTROSE 3 E HWY SHED	.14		T		.11	.37	.06	.58	.04	.05	.01		.14	.37	.10	T	.68	.18	.14		.38	.02	.03	.96					.14	.36			4.86
...ONTROSE r					.44		.60		.02	.01		.07	.23	.32		.62	.17	*	.17	.25	.14		.61	.47	-	-	-	-	-	-	-	-	-

See reference notes following Station Index

PENNSYLVANIA

MAY 1948

TABLE 3 — Continued
DAILY PRECIPITATION

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MOSGROVE L 8 LOWER			.93	.03	.71	.05	.23	.28	.01	.15	.02	T	.02	.14	T	.19	.22	.34			T	T						.02	.25	T		3.49
MOUNT POCONO 2 N WB AP z		.01	.12		.79		.93	T				1.23	.92	.79		.60	.22	.06		.10	.09		.98	.16	T				.24	.15	T	7.39
MOUNT UNION 1 NW // r		.32	.62	.08	.11		.64	.03				.94	.38	.05		.14													.66	.78		4.75
MURRYSVILLE r		.51	.15	.40	.29	.01	.36			.16		.16		.39		.48	.21												.57	.03		3.72
MYERSTOWN			.41	.21	1.01	.39	.48	.41					.81	.39			.70				.22			.15						1.53	.15	6.86
NATRONA L 4 LOWER			.49	.04	.75	.05	.18	.50			.07		.16		.23	T	.66	.16			.01	T						.09	.15	.02		3.56
NEFFS MILLS 4 NE z	-	-	-	-	-	-	-	-	-	-	-	-	1.51	.64	.41	.22	.07	-	-	-	.06	-	-	-	-	-	-	-	.11	.71	-	-
NESHAMINY FALLS																																
NEWBURGH 3 W		.11	.55	T	.30		.85					1.50	.80	.08		.45	.07							.04					1.50	.05		6.30
NEW CASTLE 1 N z		.34	.67	.02	1.13	.06	.44	.02	T	.12		.03	.04			.26	.20						.04	.02								3.39
NEWELL			1.00		.42			.55					1.43	.02		.17	.10	.20	T		T											3.89
NEW PARK		.03	.60		1.45		.76						.94	.10		.53	.03				.12	.04			.40	T			2.53	.20		7.73
NEWPORT			.22	.06	.92	.30	.71	.18					1.62	.52	.02		.33	.20			.08	T			.32				.38	1.18		7.04
NEW TRIPOLI			.83	.01	1.35	.01	1.10	.03				.12	1.52	.09	.09	.49	.14	T			.19	T							.73	.60		7.30
NORRISTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.19	-	-	-	.02	-	-	-	-	1.10	.70	-
ORWELL 3-N	.12		T		.22	.20	.24	.22		.08	.07		.12	.36	.13	.14	.38	.20	.11		.34		.16	2.03					.44			5.56
PALM			.52	.27	1.15	.80	.13	.90					2.44	1.04	.15		.70				.25								1.55	.22		10.12
PALMERTON z		.03	.43		.86		.84	.02				.35	.70	.30		.28	.02	T		.06	.11		.02						.74	.19	T	4.95
PARKERS LANDING			.72		.72		.20	.40	.06			.26	.05	.05		.27	.01	.40				.01		.27					.14			3.56
PARKERS LANDING 1 E r		.35	.41	.07	.69		.29	.15		.18		.09	.10			.27	.33						.20	.01				.03				3.17
PARK PLACE 1 NW WB AP	T	.06	.48	.03	.59		.77	.04				1.42	.85	.41	T	.45	.16	T		.40	.04		.29	.11	.11			.01	.49	.09		6.80
PAUPACK	.10			.05	.05	.83		.60		.02			.34	.74	.64	.02	.54	.20	.12		.20			.40	1.42					.86	.02	7.25
PECKS POND	.18		.05	.25	.65		T	.90					.86	.80	.50	T	.65	.20	.05	T	.15	T		.88	.00	T				.38	.20	6.79
PHILADELPHIA WB AIRPORT		.04	.54	.03	1.80		.85	T				.01	1.40	T		.61	.11	T		.05	.18				.17	T	T		.14	1.40	.07	7.40
PHILADELPHIA PT BREEZE z		.05	.49		1.61		.91					T	1.35			.63	.18				.19				.21				.10	.82	.06	6.60
PHILADELPHIA SHAWMONT		T	.60	.02	2.00	.02	1.00					T	1.59	.04		.68	.40	.40			.20				.04	T	.04		.10	.82	.20	8.15
PHILADELPHIA WB CITY		.03	.53	.01	1.82		.88					T	1.31	T		.69	.13			.03	.17				.32	T	T		.12	.81	.03	6.88
PHILLIPSBURG WB AP r		.13	.30	T	.48	.04	.50	.03	T	.01	T	.67	.13	.24		.30	.03	T		T	.11	T	T					.54	.17			3.73
PHOENIXVILLE 1 E z			.51	.31	1.11	.86	.06	.98					.40	1.40	.01		.60	.10			.28	.01								.87	.46	8.02
PIKES CREEK r			.06		.78		.82	.02				.34	.92	.35		.50	.03	.02		.22	.10		.31					.02	.11	.08		4.68
PINE GROVE	T		.34	.41	1.24	.17	.43	.41					1.11	.53	.02		.48	.12	.04		.30	T			.02			T	.10	1.51		7.23
PINE GROVE MILLS 1 S r		.11	.31	.05	.43	.02	.54					.86	.22	.46		.27	.16				.07							.34	.30	.01		4.15
PITTSBURGH 7 SE WB AP z		.48	.13	.32	.18	.01	.50		T	.12		.39	T	.41		.32	.11	T		T	T		T					.14	.02		.04	3.17
PITTSBURGH WB CITY z		.57	.09	.41	.18	.15	.34			.04		.01	T	.15		.24	.50	T		T	T							.11	.01		.02	2.82
PLEASANT MOUNT 1 W z	.13				.08	.50	.04	.80		.04			.15	.20	.24		.93	.16	.17		.18	.04	.03	.63						.12		4.44
PORT ALLEGHANY			.22	.03	.43	.21	.11	.08	.02	.08	.07		.30	.22	.01	.64	.18	.21	.09		.15	.04	.09	.71					.01	.31		4.21
PORT ALLEGHANY HATCHERY			.27		.75		.10	.09		.16			.29	.32		.83			.31		.19	.05	.84					T	.09			4.34
PORT CLINTON z			.33	.47	1.05	.54	.42	.52					1.05	.77	.13	.02	.57	.03			.31									1.75		7.96
PORTLAND			.17	.24	.19	.33		.97					1.40	.72	.27		.59		.04		.16									1.24	T	6.32
POTTSTOWN			.37	.54	1.81	.53		.54					1.76	.94	T		.77	.02			.33				.04					1.58	1.44	10.67
POTTSVILLE			.60	.59	.48	.20	.41	.44					1.05	.78	.16	*	.55	.15	T		.38			.12						1.05		6.96
POTTSVILLE BRIDGE			.58	.22	.82	.20	.27	.53					1.01	.73	.14		.54	.15	.01		.34	T		.24					.08	.96		6.82
PUNXSUTAWNEY 1			.24	.02	.41	.05	.31	.42	.04	.06	.02		.44	.03	.11		.49	.44			.01	.01						.10	.24	.02		3.46
PUNXSUTAWNEY 2 r		.12	.12	.05	.38	.02	.65			.09		.39	.02			.43	.44											.35	.11	.04		3.21
PUTNEYVILLE DAM 2 SE z			.58	.19	.60	.14	*	.82	.04	.20	.05		.04	.07	.04	.02	.48	.27	T		.06	.02	T	.02					.09	.30	T		4.03
QUAKERTOWN	T		.71		1.74	.04	1.03						2.96	.04	.16	.59	.28				.18				.04				.04	1.44	.41	9.66
RAYMOND r		-	-	.03	.54	.05	-	-	-	-	.01	.10	.59			.87	*	*		*	*		*	-	-	-	-	-	-	-	-	-
READING WB CITY z		.10	.54	.03	1.57		1.00					1.23	1.47	T		.54	.20	T		.15	.12			.06	.01				1.24	.24		8.50
RENOVO	T		.23	.19	.34	.22	.26	.16	T	T	.04		.18	.14	.17		.98	.10	.02		.27	.03		.56					.12	.95		4.06
RENOVO 6 S STATE CAMP r		.04	.39		1.02	.04	.39	.06				.04	.10	.54		.87	.13	.03		.21	.07							.13	.05			4.11
RETREAT FARMS	T		.31		.43	T	.85	.03		T	T	.11	.51	1.01	.12	.53	.03	.03					.04	.09	.15				.25			4.49
REW			.10		.63	.32	.17	.10	.02	.26	.09		.34	.12	T	.60	.01	.38	.06		.09	.12		.64						.11			4.16
RICES LANDING L 6 LOWER			.79	.07	.37	T	.29	.23					2.01	.04	.01	.05	.40	.18			.08									.38	.06		4.96
RIDGWAY z			.20	T	.44	.12	.20	.31	.05	.07	.10	.02	.10	.19	.02	.80	.32	.10	T		.10	.06	.04	.51				T	.57			4.32
RINGTOWN 1 SW			1.50				.60					.40	.90	.60		.60		.60			.40								1.30			6.90
ROCHESTER 1 N r		.45	.08	.35	.62	.17	.49	.02	.01	.17		.06	.01			.23	.36				.04							.04				3.10
RUSH 6 S	.08		.08		.28	.20	.42	.27	T	.06	T		.14	.20	.11	.31	.39		.10		.40	.01	.10	.91					.33	.06		4.45
SAFE HARBOR DAM			.55	.11	1.25	.10	.42	.54					.26	.40	T	.63	.73	.21			.17	T			.65		T		T	2.96	.13	9.11
SAGAMORE 1 SE	T		.51	.14	.44	.19	.15	.48	T		T		.21	.07	.14		.37	.24	.01		.03			.03					.43	.03		3.47
SALTSBURG			.54	.07	.54	.03	.19	.17			.04	*	.47	.13	.27	.29	.15	.43			.03	T							.71	.01		4.07
SAXTON z			.55	.27	.27	.16	.40	.33					1.12	1.05	.33	.08		.16										.43				5.80
SCANDIA r		.16			.78		.32		.12	.05		.02	.29	.08		.48	.42	.13		.11	.10		.56							.05		3.67
SCHENLEY L 5 LOWER			.42	.01	.78	.04	.22	.30					.09	.06	.17	T	.44	.37			.01							T	.14	.02		3.07
SCRANTON WB CITY r			.06		.71		.66	.02		.02		.22	.33	.59		.31	.06	.05		.20	.07		.16	.08					.39	.12		4.10
SELINSGROVE AIRPORT			.53		*	.51	.81					.36	.76	.43		.28	.07	.03	.07		.34	T		.03					.35	.41		4.98
SELLERSVILLE 2 NW r			.06		1.41		.74					.38	1.82	.10		.90				.03	.07									.82		6.33
SEWARD			.57	.28	.34	.18	.11	.36						.02	.28		.78	.24	.04										.51	.06		3.77
SHADE GAP r		.30	.37	.09	.25		.58					1.32	.68	.19		.34	.17											.81	.61	.03		5.74
SHAMOKIN			.63	.37	.45	.08	.30	.27					1.20	1.10	.76		.27	.19	.05		.35			.05	.20				.14	.87		7.28
SHARPSVILLE			.51		1.05	.15	.40	.24	.05	.05	.39	.05	.10	.02		.40	.50	.12						.15								4.18
SHEFFIELD CHERRY GROVE r		.09	.21		.61		.48	.09	.29	.11	.03	.11	.01			.59	.60	.03		.11	.09		.63					.67				4.78
SHIPPENSBURG		T	.71		.39	T	.88	.04					.39	.22		.42	.06			T									.84	.28			4.23
SMETHPORT HIGHWAY SHED r		.17	.17		.73	.02	.36		.09	.10		.04	.09	.04		.70	.20	.08		.06	.11		.77	.02								3.75
SOMERSET WATER WORKS		.37	.88	.02	.37		.35	.17					.70	.02		.55	.40	.09			.04	T						.23	.55	.22	.09	5.05
SOMERSET 2 E SUBSTATION			1.10	.10	.35	.50	.15	.35					.75				.55	.30											.75	.45		5.02
SOUTH MOUNTAIN			.80	.12	.35	.04	1.17	.17					.08	.20	.02		.64								.14					2.86	.02	6.61
SPRING GROVE z		T	.85	.03	1.31		.81						1.50	.16	.08	.67	.10					.11			.67	T				1.15	.11	7.55
SPRINGS 1 SW		.48	.47		.46	T	.59	.11					.63	.25		.35	.27	.08			.23	T						.80	65	.15	.04	5.56
SPRUCE CREEK			.58	.22	.30	.09	.48	.16				T	1.07	.47	.06	T	.26	.24											.57	.13		4.63
STATE COLLEGE z		.08	.18	T	.62	.01	.44	T	T	T	T	1.88	.16	.36		.36	.04	T		T	.04	T						.30	.07	T		4.54
STRAUSSTOWN			.38	.33	.94	.48	.29	.78					.83	.58			.62				.28				.09					1.62		7.22
STRONGSTOWN r		.32	.38	.13	.60		.70			.09		.04	.01	.21		.30	.10	.03			.03							.14	.06			3.14
STROUDSBURG 2 E SUBSTA																																
STROUDSBURG r			.19	.21	.36	.36	*	.91				1.46	.58	.32			.58	T			.16			.06	.03						.85		6.07
STUMP CREEK			.15		.35	.07	.28	.64	.04				.22	.12	.05	.10	.35	.40										.03	.12				2.92
SUNBURY z	T		.28	.29	.52	.03	.41	.42	T				.86	.25	.36	T	.35	T	.06		.35	.02		T					.28	.45		4.93
SUNBURY AIRPORT 2 N		.08	.54		.51	T	.65	T	T			.59	.38	.70		.35	.09	.05		.28	.04		.03						.62	.10		5.01
SUSQUEHANNA	.14				.16	.28	.10	.47	.05	.06	.07		.09	.32	.17	.08	.50	.16	.06		.25	.05	.05	1.02					.04	.19		4.31
SUTERSVILLE			.64	.06	.54	.04	.28	.16			.03		.72	.24	.06	.07	.32	.12											.14			3.42
TAMAQUA			.44	.29	.40	.76	.12	.86					.99	.85	.22		.59	.11			.29											7.18
TAMAQUA 4 N STL CK DAM z	.02		.48	.32	.38	.50	.05	.83					1.87	.66	.27		.63	.15	.10		.29	.05		.34	.07					.48		7.29
TAMARACK 2 S FIRE TOWER	.03		.31	.15	.49	.34	.35	.10	T	.04	.03		.13	.07	.02	T	.74	.07	.03		.23	.02	T	1.40					.39	T	.06	5.00
TIONESTA 2 SE DAM z			.13	.01	.39	.03	.16	.39	.03	.15	.27	.01	.15	T	.01	.75	.02	.31	.03		T	.03	.06	.28					.89	.12			4.22
TITUSVILLE 2 S			.19		.73		.42	.11		.40		.08	.23	.02		.44	.41	.01			.05	.01	.35	.14								3.59
TITUSVILLE r		.08	.12	.01	.38	.10	.30	.10	.12	.10		.09	.21	.03		.44	.12					.04	.48									2.72
TOWANDA z	.10		.02		.17	.30	.04	.33	T	.06	.06	.12	.19	.17	.25	.02	.66	.03	.06		.54	T	.01	1.39					1.24	.12		5.88
TOWER CITY DAM		.02	.48		1.47		.86					.31	1.40	.21		.39	.11							.04				.03	.97	.24		6.53
TUNKHANNOCK 1 S AP z	.18		*	.02	.28	.31	.21	.41					.11	.27	.25	.22	.19	.12			.33			.41	.02					.12		3.45
TUNNELTON // r		.17	.39	.14	.48	.02	.44			.15		.23	.04	.40		.43	.24				.01							.25	.02		.06	3.47
TYRONE 4 NE BALD EAGLE r		.04	.49	.01	.51	.02	.53					1.07	.05	.15		.40	.16											.65	.22			4.30

See reference notes following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

PENNSYLVANIA

MAY 1948

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
UNION CITY 1 W r		.03	.45		.46	.17	.41	.12	.20	.10	.06	.16	.54			.22	.61				.03		.39								3.99
UNIONTOWN	T	.50	.91	.19	.14	.01	.67					.19	.04	T		.47	.19	.16			T							.82	.16	.01	.01	4.47
VANDERGRIFT			.30	.05	.65	.08	.45	.35			.30		T			1.00	.13											.15	.06		3.52
VANDERGRIFT 2 W r		.40	.03	.31	.49	.02	.70					.01	.20	.16		.7.	1.00	.13			.02		.01					.15				3.48
VIRGINVILLE		T	.47	.23	1.05	.81	.29	.81					1.96	.43	.09		.76	.23	.01		.31				.04					1.76		9.25
WARREN	.01		.47		.60	.04	.15	.32	.02	.27	.04	T	25	T		.57	.21	•	.27		.12	.06	.11	.37					.34			4.28
WASHINGTON r		.63	.12	.36	.17	.08	.36	.06	.05	.35	.05	.74	.04			.24	.21	.03										.86	.05			4.40
WATROUS 9 S LEE FIRE TWR	T		.22	.09	.42	.26	.20	.15	.01	.03	.06		.33	.13	.01	.07	.84	.07	.07		.42	.07	.03	1.22					.33			5.93
WAYNESBURG 2 W			1.00	.06	.50		.35	.34					.93	.02	.01	.19	.24	.17			.01								.52	.03		4.37
WAYNESBURG 1 E r		.62	.28	.39	.02	.01	.62					1.90	.05			.36	.19											.41				4.85
WEBSTER MILLS 3 SW r		.61	.26	*	*	*	1.00		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WELLSBORO	T			.01	.19	.22	.09	.09		.06	.05		.41	.11	.01	.20	.38	.06	.11		.31	.02	.07	1.33	.01				.41	.01		4.15
WELLSBORO 2 E r					.38		.15		.02			.27	.14	.10		.52		.13		.28			'1.20	.15				•	.36			3.70
WELLSVILLE		.07	.76	.03	1.08		.95						.48	.16		.65	.16			T	.06				.02				T	.78	.02	5.22
WERNERSVILLE		.01	.77		1.50	.01	.96	T				.51	1.60	.02		.51	.28	T			.26				.06				.21	1.06	.03	7.79
WEST CHESTER		.10	.66		1.73	.01	.97						1.79	T		.93	.39	.01			.22	.02							1.67	.41	8.91
WEST GROVE 1 SE			.42		2.00	.04	*	1.30					*	1.88			.80	.09				.33					.03		1.09	1.06	9.04
WEST NEWTON		.87		.03	.60		.26	.37			.12		.51		.17		.21	.25											1.81	.04		5.24
WHITESBURG			.85	.05	.73	.10	.32	.56					.08	.06	.12	.15	.22	.58										.22	.18	T	T	4.22
WILKES-BARRE	.04		.07	.20	.25	.34	.07	.43	T	.02			.37	.27	1.25		.38	.08	.02		.26	.02		.23	.25				T	1.05		5.60
WILLIAMSPORT 4 SE TOWER	.03		.38	.35	.85	T	.18	.04					.22	.52	.27		.41	T	.06		.39	.06							.54	T		4.30
WILLIAMSPORT 4 E WB AP	T	.04	.48	T	.90	T	.30	T		T	T	.16	.12	.44		.32	.11	.08		.34	.05		T	T					.57	T		3.91
WILLIAMSPORT z			.34	.24	.58	.25	.23	.14					.39	.19	.15		.43	.09	.06		.37	.06							.32	.04		3.88
WILLIAMSTOWN			.32	.30	1.10	.15	.42	.34					.90	.72	.05		.43	T			.37				T				.27	1.05	.02	6.44
WIND GAP 3 SW r		.02	.48		.91		.85					.51	1.42	.17		.42				.07	.07								.71	1.03		6.66
YORK 3 SW PUMPING STA			.78		1.30		.52	.02					1.47	.15		.29	.51	.04			.11				.32					1.98	.17	7.66
YORK 2 S FILTER PLANT r		.11	.68	.15	1.07		.98					.03	1.68			.57	.32				.07			.23	.01				1.96	.20		8.08
YORK HAVEN			.64	.14	1.01	.32	.53	.34					.63	.55			.56	.11			.15				.75					1.09	.02	6.84
YOUNGSVILLE r		.01	.40		.92	.05	.41	.05	.22	.05		.04	.39			.41	.30	.03		.06	.07	.03	.36					-	-	-	-	-
ZIONSVILLE 1 SW			.68		2.15		1.02						3.40	.10	.08	.50	.20				.25								.40	1.35	.20	10.33

See reference notes following Station Index

PENNSYLVANIA
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TABLE 4
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
													1st												
ERIE WB CITY	.01																								.01
JACKSON SUMMIT									.01	.02															.03
													2d												
ALLENS MILLS																		.09	.02	.02	.01				.14
ALLENTOWN WB AIRPORT																				.01	.01	.05	.01		.08
BETHLEHEM LEHIGH UNIV																					.02	.03	.01		.06
BLAIN														*	*	*	*	*	*	*	*	*	*	*	*
BLAIRSVILLE 6 ENE 6x															*	*	*	*	*	.17	*	*	*	*	.57
BLAKESLEE CORNERS																								.01	.01
BOSWELL														.07	.12	.04		.02				.05	.34	.10	.74
BROOKVILLE 6x															*	*	*	*	*	.15	*	*	*	*	.19
BUCKSTOWN														.10	.17	.05							.02	.26	.60
BUTLER SUBSTATION															.08	.05	.03				.01	.05	.08		.30
CANTON 1 NW																							.02	.02	.04
CARTER CAMP																				.02	.10	.04			.16
CHAMBERSBURG																.08	.04	.01						.32	.45
CHARLEROI														.17	.02						.11	.07	.42		.79
CLARION DAM 3 SW																.04	.08	.13	.02	.01				.02	.30
COALPORT																.01	.08	.02	.03	.02	.01			.01	.18
COATESVILLE 1 SW																	.02	.05	.02	.01					.10
CONFLUENCE DAM 1 SW														.15	.17	.05						.03	.26	.02	.68
CONNELLSVILLE 4 N														.03	.26	.02						.03	.15	.13	.62
CRESSON 1 E															.08	.04	.01						.10	.20	.43
DRIFTWOOD														*	*	*	*	*	*	*	*	*	*	*	*
DU BOIS 7 E																.01	.10	.02						.09	.22
DUNLO															.09	.06	.03						.07	.32	.57
DUSHORE																					.02	.06	.01		.09
EAGLES MERE																			.01		.02	.02	.02		.07
EMPORIUM																			.02	.01	.01				.04
ENGLISH CENTER																					.01	.02	.01		.04
EVERETT															.01								.06	.14	.21
FORD CITY DAM 4 S //															.01	.07	.01					.01	.07	.07	.24
FRANKLIN																.05	.12	.03							.20
GETTYSBURG 1 S																	.07	.02	.07					.15	.31
GLENCOE														.08	.30	.09							.28	.09	.84
GLEN ROCK																.02	.06	.04	.03						.15
GREENSBURG 2 E HWY SHED														.06	.05						.07	.16	.26	.01	.61
HARRISBURG 3 S WB AIRPORT																		.05	.01						.06
HEWITT 2 S															.21	.09	.03						.12	.21	.66
HOLLIDAYSBURG																.09	.04						.03	.17	.33
HOLTWOOD																		.04	.02	.04					.10
HOME																							.04	.05	.09
HUNTSDALE FISH HATCHERY																.02	.06	.01						.11	.20
INDIANA 2 SE															.07	.03	.02						.14	.07	.33
JAMESTOWN 2 NW																.03	.10	.02						.01	.16
JOHNSTOWN 2															.14	.05	.01					.03	.11	.25	.59
KANE 5 SE																				.03	.06				.09
KIRKWOOD 1 SW																		.03	.05	.01					.09
LANCASTER 2 NE FILTER PLANT																			.01	.02	.03	.02			.08
LAURELTON 2 N STATE VILLAGE																		.04	.02	.06		.01	.01		.14
LEBANON 3 SW																		.01	.01						.02
LEHIGHTON																					.01	.01			.02
LEWISTOWN																	.01	.03	.04	.02					.10
LOCK HAVEN 1																			.02				.01		.03
MARIENVILLE																		.02	.02	.01			.01		.06
MARTINSBURG																.04	.06	.02						.08	.20
MARTINSBURG AIRPORT 6x															*	*	*	*	*	.12	*	*	*	*	.64
MEADVILLE 1 S																	.08	.05							.13
MEDIX RUN																		.02							.02
MERCER WB AIRPORT 6x															*	*	*	*	*	.23	*	*	*	*	.31
MERCER															.03	.10	.05	.01	.01			.04	.05	.01	.30
MILLVILLE																					.02	.03			.05
MONROE FURNACE																		.02	.04	.03	.01		.01		.11
MOUNT POCONO 2 N WB AIRPORT //																							.01		.01
MOUNT UNION 1 NW															.01	.03	.01				.01	.04	.18	.04	.32
MURRYSVILLE														.04	.04	.02	.01				.01	.13	.25	.01	.51
NEFFS MILLS 4 NE																	.01	.02	.07						.10
NEW CASTLE 1 N															.02	.09	.10	.01				.09	.04	.01	.36
PALMERTON																					.02	.01			.03
PARKERS LANDING 1 E									.02	.02					.02	.07	.08	.04					.09	.01	.35
PHILADELPHIA WB AIRPORT																		.01	.01	.01	.01				.04
PHILADELPHIA POINT BREEZE																				.02	.02	.01			.05
PHILADELPHIA WB CITY																			.01	.02					.03
PHILLIPSBURG WB AIRPORT																.02	.04	.03	.03	.03	.01	.01		.01	.18
PHOENIXVILLE 1 E																			.04	.04		.01		.01	.10
PINE GROVE MILLS 1 S																.01	.05	.04	.01						.11
PITTSBURGH 7 SE WB AIRPORT //														.03	.04	.01						.08	.29	.03	.48
PITTSBURGH WB CITY															.05	.09	.04					.11	.25	.03	.57
PORT CLINTON																		.02	.04	.02	.01				.09
PUNXAUTAWNEY 2																.06	.05	.01							.12
PUTNEYVILLE DAM 2 SE																.07	.07	.01					.01	.02	.18
READING WB CITY																			.04	.03	.03				.10
RENOVO 6 S STATE CAMP																		.01	.01			.01		.01	.04
RIDGWAY																		.01	.02						.03
ROCHESTER 1 N														.03	.10	.01	.01					.24	.06		.45
SAXTON				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SCANDIA		.02	.01		.11	.01															.01				.16
SHADE GAP																.02	.01	.01					.06	.20	.30
SHEFFIELD 6 W CHERRY GROVE																			.04	.05					.09
SMETHPORT HIGHWAY SHED																			.01	.02	.08	.03	.02	.01	.17
SPRING GROVE																.03	.05	.03	.04						.15
STATE COLLEGE																	.01	.04	.02	.01					.08
STRONGSTOWN																.06	.04	.05					.02	.15	.32
SUNBURY																		.02	.03	.01					.06
TIONESTA 2 SE DAM																	.02	.04	.02						.08
TITUSVILLE																.01	.03	.03	.01						.08
TUNNELTON																.04	.05	.01						.07	.17
TYRONE 4 NE BALD EAGLE																		.01	.01	.01	.01				.04
UNION CITY 1 W																.01	.01	.01							.03

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
VANDERGRIFT 2 W															.02	.03	.02					.06	.19	.08	.40
WASHINGTON														.10	.01	.01					.06	.18	.27		.63
WAYNESBURG 1 E													.05	.20	.04	.01						.13	.19		.62
WEBSTER MILLS 3 SW															.03	.15	.07	.03						.33	.61
WILLIAMSPORT 4 E WB AIRPORT 6x																					*	*	*	*	.04
WIND GAP 3 SW																							.01	.01	.02
YORK 2 S FILTER PLANT									.01	.01	.01		.01				.05	.01	.01						.11
YOUNGSVILLE																				.01					.01
												3d													
ALBION			.02	.14	.01																				.17
ALLENS MILLS	.15	.01			.01	.01	.07	.05																	.30
ALLENTOWN WB AIRPORT				.09	.09	.07	.08	.03	.01	.05	.12	.08													.62
AUSTINBURG 2 W				.03	.01		.01		.01																.06
BETHLEHEM LEHIGH UNIV				.03	.09	.06	.09	.04	.01	.03	.05	.05	.02												.47
BLAIN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90					.90
BLAIRSVILLE 6 ENE 6x	*	.40	*	*	*	*	*	.16	*	*	*	*	*	.31											.47
BLAKESLEE CORNERS					.02	.03	.07	.15	.03	.01															.31
BOSWELL	.02			.18	.11	.15	.06	.02	.16	.04	.08	.02	.07	.01	.01	.01	.03								.97
BROOKVILLE 6x	*	.04	*	*	*	*	*	.07																	.07
BUCKSTOWN	.01	.01			.16	.05	.01	.01	.03	.03	.01					.01	.01								.34
BUTLER SUBSTATION		.07	.09	.06	.05	.02																			.29
CANTON 1 NW		.02	.01					.01		.01															.05
CARTER CAMP				.02	.04	.16	.10	.02																	.34
CHAMBERSBURG	.20		.01				.02	.05	.01	.02													.01		.32
CHARLEROI		.01	.06	.02	.07	.01		.01	.01																.19
CLARION DAM 3 SW	.01			.01	.02	.02	.01																		.07
COALPORT	.02	.01		.01	.05	.30	.06	.08		.01	.01	.05													.60
COATESVILLE 1 SW		.37	.04					.01	.03	.02	.02														.49
CONFLUENCE DAM 1 SW	.02	.01	.01	.01	.02																				.07
CONNELLSVILLE 4 N			.02	.22	.04	.01					.01	.01	.03	.04	.10						.01		.01		.50
CRESSON 1 E	.03				.02	.05	.27	.07	.03	.03	.04	.02	.01												.57
DRIFTWOOD	*	*	*	*	*	*	*	*	.50																.50
DU BOIS 7 E	.02	.03		.01			.02	.02					.01								.01				.12
DUNLO	.02	.05			.03	.05	.03	.01	.03	.03	.01	.01	.02												.29
DUSHORE	.01		.01		.02		.01	.04	.01					.01											.11
EAGLES MERE				.03			.01	.05	.03	.01															.13
EMPORIUM				.04	.06	.02	.04	.02																	.18
ENGLISH CENTER				.06	.04	.08	.10	.08	.04	.01															.41
EVERETT		.03	.02		.01	.04	.01						.03	.02											.16
FORD CITY DAM 4 S //			.01	.16	.02	.02	.02	.02																	.25
FRANKLIN						.01	.02	.01																	.04
GETTYSBURG 1 S	.28	.05					.01		.06	.01	.01		.01			.02	*	*	*	*	*	*	*	*	*
GLENCOE	.03	.03							.07	.02	.01														.16
GLEN ROCK	.15	.25	.01			.01			.01	.03		.01					.01	.02							.50
GREENSBURG 2 E HWY SHED				.08	.04	.02	.01																		.15
HARRISBURG 3 S WB AIRPORT	.11	.16	.02				.09	.04	.01	.01		.01													.45
HEWITT 2 S		.02						.02	.01			.01					.01	.01							08
HOLLIDAYSBURG	.09			.01	.01	.06	.22	.17	.01	.02	.02	.02	.01	.01	.01										.66
HOLTWOOD		.03	.26	.02				.01			.02	.01	.01	.01											.37
HOME	.01		.03	.21	.08	.17	.08	.09	.01	.01															.69
HUNTSDALE FISH HATCHERY	.24		.01				.01	.02	.07	.02		.02													.39
INDIANA 2 SE	.02			.01				.03			.01			.01											.08
JACKSON SUMMIT			.03	.02																					.05
JAMESTOWN 2 NW							.01	.01	.02																.04
JOHNSTOWN 2	.01	.01	.01		.08	.02		.01	01		.01	.04	.01	.01											.22
KANE 5 SE																	.07	.08	.05	.01	.01				.22
KIRKWOOD 1 SW		.30	.08							.01	.01	.01		.01											.42
LAMPETER SCS 1 A	.18	.32									.05	.03	.01	.01											.60
LANCASTER 2 NE FILTER PLANT				.30	.20	.02					.01	.08	.01	.01	.02		.01	.01	.01	.01					.69
LAURELTON 2 N STATE VILLAGE	.02	.01	.04	.02	.02	.04	.05	.02	.08	.01	.01		.01												.33
LEBANON 3 SW	.03	.17	.07	.01				.10	.12	.05	.01														.56
LEHIGHTON					.07	.05	.06	.10	.02	.05	.10	.03													.48
LEWISTON		.04	.04					.03	.10	.01		.01													.23
LOCK HAVEN 2	.01	.10	.03	.05	.09	.02	.11	.05	.05	.03	.01														.55
MARTINSBURG	.30	.02	.04	.01		.03	.04	.04	.03	.02	.03	.02	.01	.01											.60
MARTINSBURG AIRPORT 6x	*	.52	*	*	*	*	*	.14	*	*	*	*	*	.12	*	*	*	*	*	.03					.29
MEADVILLE 1 S					.04	.06	.02																		.12
MEDIX RUN		.19	.02		.08		.12	.10																	.51
MERCER WB AIRPORT 6x	*	.08	*	*	*	*	*	.16	*	*	*	*	*	.01											.17
MERCER				.16	.14																				.30
MILLERSBURG 2 E	.01	.07	.02	.01		.01	.05	.01	.05	.08	.01														.32
MILLVILLE			.03	.04	.06	.10	.07	.02	.08																.40
MONROE FURNACE		.01	.03	.02				.10	.12	.02		.01	.01		.01										.33
MOUNT POCONO 2 N WB AIRPORT //						.05		.05	.02																.12
MOUNT UNION 1 NW //			.02	.18	.18		.13	.02	.04	.01	.02	.01	.01												.62
MURRYSVILLE			.01	.03	.04	.04		.02	.01																.15
NEFFS MILLS 4 NE	.02	.06	.02			.01	.11	.10	.01		.01	.03													.37
NEW CASTLE 1 N	.02	.01	.46	.07	.04	.01																			.61
PALMERTON			.01	.05	.06	.06	.06	.04	.02	.05	.05	.02													.42
PARKERS LANDING 1 E			.01	.24	.09	.03	.04																		.41
PHILADELPHIA WB AIRPORT		.03	.20	.05	.04	.03	.01	.01		.04	.07	.03	.01	.01	.01										.54
PHILADELPHIA POINT BREEZE				.18	.06	.01	.04	.01	.03	.01	.05		.04	.01		.04	.01								.49
PHILADELPHIA WB CITY			.17	.08		.03	.01	.03	.01	.07	.03	.04	.01		.05										.53
PHILLIPSBURG WB AIRPORT	.01	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01											.30
PHOENIXVILLE 1 E		.03	.37	.10		.01	.02	.06		.10	.18	.02													.89
PIKES CREEK							.01	.02	.01	.01	.01														.06
PINE GROVE MILLS 1 S	.02	.04	.01			.07	.11	.02	.01		.03														.31
PITTSBURGH 7 SE WB AIRPORT //				.01	.06	.01	.03	.01						.01											.13
PITTSBURGH WB CITY				.02	.05	.01	.01																		.09
PORT CLINTON	.01	.06	.06	.06	.02	.01	.20	.19	.04	.03	.02			.01											.71
PUNXSUTAWNEY 2	.03					.07				.01				.01											.12
PUTNEYVILLE DAM 2 SE	.02		.01	.08	.20	.02	.09	.10																	.52
READING WB CITY		.02	.13	.09	.02	.01	.01	.04	.09	.07	.04	.01	.01												.54
RENOVO 6 S STATE CAMP	.01	.06	.03	.06	.04	.02	.06	.10	.01																.39
RIDGWAY			.01	.08	.06	.01		.01																	.17
ROCHESTER 1 N		.01	.01	.02	.02	.01	.01																		.08
SAXTON	*	*	*	*	*	.58																			.58
SCRANTON WB CITY								.02	.03	.01															.06
SELLERSVILLE 2 NW					.01			.01		.01	.01	.02													.06
SHADE GAP	.01		.02		.02	.05	.11	.07	.03	.01	.01	.03	.01												.37
SHEFFIELD 6 W CHERRY GROVE				.04	.13	.03	.01																		.21
SMETHPORT HIGHWAY SHED	.01			.01	.05	.09	.01																		.17

See reference notes following Station Index

PENNSYLVANIA
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TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SPRING GROVE	.30	.24	.01		.01			.01		.06	.01	.01			.05			.02							.72
STATE COLLEGE	.01	.02	.03	.02				.06	.02				.02												.18
STRONGSTOWN	.12	.01		.02	.01	.01	.09	.04	.07	.01															.38
STROUDSBURG							.06	.08	.10	.07	.01														.32
SUNBURY			.01	.09	.03	.07	.03	.08	.10	.03	.02														.46
TAMAQUA 4 N STILL CREEK DAM				.05	.07	.07	.03	.03	.07	.05	.05	.01		.01	.01										.45
TIONESTA 2 SE DAM	.01		.01	.02																					.04
TITUSVILLE		.01	.01	.01	.05	.04																			.12
TOWANDA																			.02						.02
TUNKHANNOCK 1 S AIRPORT									.02																.02
TUNNELTON	.20	.03	.01				.03	.02	.05	.02	.03														.39
TYRONE 4 NE BALD EAGLE	.03	.05	.01	.02			.20	.17					.01												.49
UNION CITY 1 W			.04	.28	.13																				.45
VANDERGRIFT 2 W										.01		.01	.01												.03
WASHINGTON			.03	.02	.06	.01																			.12
WAYNESBURG 1 E		.08	.15	.03	.02																				.28
WEBSTER MILLS 3 SW	.15	.02	.02	.01	.02	.01								.02	.01										.26
WILLIAMSPORT 4 WB AIRPORT 6x	*	.04	*	*	*	*	*	.32	*	*	*	*	*	.16											.48
WIND GAP 3 SW					.05	.07	.05	.08	.08	.04	.06	.04	.01												.48
YORK 2 S FILTER PLANT	.48	.10	.01						.01	.07	.01														.68
YOUNGSVILLE			.04	.27	.09																				.40
												4th													
ALLENS MILLS																							.01	.05	.06
BLAIN															..										.02
BLAIRSVILLE 6 ENE 6x																					*	*	*	*	.44
BOSWELL																					.08	.13	.09	.12	.42
BROOKVILLE 6x																					*	*	*	*	.11
BUCKSTOWN																					.05	.14	.02	.03	.24
BUTLER SUBSTATION																	.01		.01		.01		.10	.15	.28
CHAMBERSBURG																						.08	.08	.06	.22
CHARLEROI																					.08	.08	.07	.03	.26
CLARION DAM 3 SW																							.02	.04	.06
COALPORT																							.02	.07	.09
COATESVILLE 1 SW																							.03	.07	.10
CONFLUENCE DAM 1 SW																					.11	.20	.03	.02	.36
CONNELLSVILLE 4 N			.01			.01		.01	.01	.01											.14	.14	.05	.06	.44
CRESSON 1 E																						.02	.03	.12	.17
DRIFTWOOD																				*	*	*	*	*	*
DU BOIS 7 E																				.01			.03	.07	.11
DUNLO																						.04	.07	.04	.15
EVERETT																					.01	.05	.06	.05	.17
FORD CITY DAM 4 S																							.04	.12	.16
FRANKLIN																								.06	.06
GETTYSBURG 1 S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.22							.05	.10	.82
GLENCOE																					.01	.13	.10	.07	.31
GLEN ROCK																							.04	.07	.11
GOOD SPRINGS 1 NW																								.02	.02
GREENSBURG 2 E HWY SHED																					.09	.20	.12	.08	.49
HARRISBURG 3 S WB AIRPORT																								.05	.05
HEWITT 2 S																					.02	.16	.07	.02	.27
HOLLIDAYSBURG																						.02	.07	.10	.19
HOLTWOOD																								.04	.04
HOME																							.04	.06	.10
HUNTSDALE FISH HATCHERY																							.01	.06	.07
INDIANA 2 SE																					.01	.06	.02	.14	.23
JOHNSTOWN 2																						.01	.07	.06	.14
KIRKWOOD 1 SW																							.02	.14	.16
LEBANON 3 SW																							.02	.07	.09
MARIENVILLE																								.01	.01
MARTINSBURG																						.01	.03	.09	.13
MARTINSBURG AIRPORT 6x																					*	*	*	*	.26
MERCER WB AIRPORT 6x																					*	*	*	*	.31
MERCER																							.01	.10	.11
MILLERSBURG 2 E																								.03	.03
MONROE FURNACE																								.01	.01
MOUNT UNION 1 NW																						.01	.04	.03	.08
MURRYSVILLE																						.11	.14	.15	.40
NEW CASTLE 1 N																						.02	.09	.30	.41
PARKERS LANDING 1 E																			.01	.01		.01		.04	.07
PHILADELPHIA WB AIRPORT																							.01	.02	.03
PHILADELPHIA WB CITY																								.01	.01
PHOENIXVILLE 1 E																								.10	.10
PINE GROVE MILLS 1 S																							.01	.04	.05
PITTSBURGH 7 SE WB AIRPORT																					.02	.09	.09	.12	.32
PITTSBURGH WB CITY																					.04	.14	.16	.07	.41
PORT CLINTON																								.02	.02
PUNXSUTAWNEY 2																								.05	.05
PUNXSUTAWNEY DAM 2 SE																							.01	.02	.03
RAYMOND																		.01			.01	.01			.03
READING WB CITY																								.03	.03
RIDGWAY																								.05	.05
ROCHESTER 1 N																			.03	.05	.02	.03	.17	.05	.35
SHADE GAP																							.04	.05	.09
SPRING GROVE										.01													.05	.10	.16
STRONGSTOWN																							.05	.08	.13
TIONESTA 2 SE DAM																								.02	.02
TITUSVILLE																								.01	.01
TUNNELTON																							.04	.10	.14
TYRONE 4 NE BALD EAGLE																								.01	.01
VANDERGRIFT 2 W																						.01	.12	.18	.31
WASHINGTON																		.01	.01	.04	.03	.07	.11	.09	.36
WAYNESBURG 1 E																				.10	.11	.09	.05	.04	.39
WEBSTER MILLS 3 SW																				*	*	*	*	*	*
YORK 2 S FILTER PLANT																							.04	.11	.15
												5th													
ALBION	.02	.09	.10	.04	.04	.07	.06	.03	.01																.46
ALLENS MILLS	.10	.06	.06	.07	.07	.08	.05	.05	.04	.01	.01			.03	.01										.64
ALLENTOWN WB AIRPORT	.01	.02	.07	.04	.02	.02	.11	.14	.28	.11	.12	.07	.04		.01	.03	.08	.01							1.18
AUSTINBURG 2 W			.11	.11	.08	.09	.04	.01	.06	.04	.01	.03	.02	.02		.01	.01								.64
BETHLEHEM LEHIGH UNIV		.02	.06	.06	.06	.04	.10	.18	.25	.15	.06	.09	.05	.02	.01	.03	.05	.01							1.24
BLAIN	.04	.06	.08	.05	.06		.10	.20	.01		.01	.03	.12	.02	.01										.79

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

MAY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BLAIRSVILLE 6 ENE 6x	*	.44	*	*	*	*	*	.45	*	*	*	*	*	.34											.79
BLAKESLEE CORNERS		.01		.02	.05	.01	.03	.05	.08	.03				.03	.07	.02	.02	.04		.01					.47
BOSWELL	.02	.03	.03		.01	.04	.09	.08	.09	.01	.02	.01													.43
BROOKVILLE 6x	*	.11	*	*	*	*	*	.41	*	*	*	*	*	.04											.45
BUCKSTOWN	.01		.02	.02			.01	.01			.02	.01		.01											.11
BUTLER SUBSTATION	.13	.16	.11	.10	.06	.07	.05	.01				.01		.01											.71
CANTON 1 NW			.03	.08	.08	.02	.02	.02	.04	.02	.03	.02													.36
CARTER CAMP			.12	.12	.10	.08	.05	.04	.07	.03	.02	.03	.02	.02	.01	.01									.72
CHAMBERSBURG	.06		.02		.01	.02	.01								.03										.15
CHARLEROI	.07						.03	.01	.01																.12
CLARION DAM 3 SW	.05	.09	.07	.21	.22	.04	.01	.04	.01	.01															.75
COALPORT	.05	.05	.07	.06	.02	.06		.01	.01			.01	.02	.02	.16	.02				.01					.57
COATESVILLE 1 SW	.08	.16	.24	.24	.26	.24	.33	.28	.06	.02	.01														1.92
CONFLUENCE DAM 1 SW	.01		.01	.01	.01			.01	.01																.06
CONNELLSVILLE 4 N	.01		.02				.01	.02	.03	.04															.13
CRESSON 1 E	.08	.01	.06	.03	.04	.05	.01					.08	.01	.07	.01			.01							.46
DRIFTWOOD	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				*
DU BOIS 7 E	.08	.01	.08	.02	.01	.01				.01	.01	.03	.03	.10	.02					.01			.01	.02	.45
DUNLO	.01		.02	.07	.01		.01		.01	.01	.01	.03	.01												.19
DUSHORE	.01	.02	.03	.04	.02	.02	.04	.06	.02	.02	.01	.02	.03												.34
EAGLES MERE			.03	.10	.05	.03	.01	.04	.01	.01															.28
EMPORIUM		.04	.08	.08	.12	.16	.14	.10	.02	.01		.01	.02	.02	.01	.01									.82
ENGLISH CENTER			.04	.11	.13	.13	.02	.03	.06	.02		.01		.02	.02	.01									.60
ERIE WB CITY				.11	.07	.02	.04	.01																	.25
ERIE AIRPORT 6x			*	*	*	*	*	.21																	.21
EVERETT				.02	.04																				.06
FORD CITY DAM 4 S	.19	.15	.06	.02	.07	.07	.04		.01	.02		.01													.64
FRANKLIN	.13	.08	.07	.12	.05	.01	.01	.03	.03	.01	.01														.55
GETTYSBURG 1 S	.03	.06	.06	.10	.04	.03								.02											.34
GLENCOE	.03		.06	.01	.02																				.12
GLEN ROCK	.23	.12	.12	.03	.03	.11	.11	.05	.01	.01															.82
GOOD SPRINGS 1 NW	.12	.20	.20	.24	.12	.14	.16	.03																	1.21
GREENSBURG 2 E HWY SHED	.10	.01	.01		.03	.08	.06	.01	.01																.31
HARRISBURG 3 S WB AIRPORT	.12	.10	.07	.08	.22	.17	.09	.12	.10	.01		.01				.01									1.10
HAWLEY 1 S WALLEN DAM				.01	.02	.04	.06	.06	.04	.09	.10	.09	.07	.04		.01	.01	.03	.04						.71
HEWITT 2 S				.03	.01																				.04
HOLLIDAYSBURG	.07	.05		.01	.06	.05	.01						.03	.02	.03		.01								.34
HOLTWOOD	.06	.17	.39	.14	.13	.19	.15	.16	.04																1.43
HOME	.06	.08	.13	.08				.02	.06	.03	.02	.01													.49
HONESDALE TANNERS FALLS												.07	.10	.05	.01		.03	.01							.27
HUNTSDALE FISH HATCHERY	.04	.03	.08	.15	.02	.01	.18	.14	.07	.01	.08	.10	.04												.95
INDIANA 2 SE	.13	.08	.13	.01	.01	.03	.06	.08	.05	.10	.02	.01			.01										.72
JACKSON SUMMIT				.03	05	.12	.04	.02	.03	.07	.05	.01	.01												.43
JAMESTOWN 2 NW	.14	.10	.10	.05	.09	.05	.05																		.59
JOHNSTOWN 2	.05	.02	.05	.02																	.02	.06	.13	.02	.37
KANE 5 SE		.07	.06	.07	.08	.09	.04	.06	.02	.06	.02	.05	.02	.11	.06	.03		.01							.85
KIRKWOOD 1 SW	.08	.36	.20	.22	.10	.22	.40	.14																	1.72
LAMPETER SCS 1 A	.09	.06	.25	.16	.14	.10	.18	.18	.04																1.20
LANCASTER 2 NE FILTER PLANT	.01	.05	.04	.13	.18	.12	.16	.18	.30	.13															1.30
LAURELTON 2 N STATE VILLAGE		.07	.14	.16	.16	.11	.17	.18	.05	.05	.01	.01	.01	.01	.02	.01									1.16
LEBANON 3 SW	.13	.27	.13	.07	.12	.05	.01			.02	.01														.81
LEHIGHTON	.06	.02	.02	.07	.08	.04	.10	.25	.20	.13	.04	.03	.02	.01		.02	.02	.01							1.12
LEWISTOWN	.09	.12	.07	.08	.11	.06	.15	.10	.08	.01	.01	.08													.96
LOCK HAVEN 2		.02	.16	.15	.14	.20	.17	.10	.12	.04	.01	.01	.01	.01	.01										1.15
MARIENVILLE	.07	.07	.04	.12	.18	.10	.04	.04	.02																.70
MARTINSBURG	.08		.01	.01	.01	.07	.02							.01	.07	.02									.30
MARTINSBURG AIRPORT 6x	*	.26	*	*	*	*	*	.09	*	*	*	*	*	.02	*	*	*	*	*	.10					.21
MEADVILLE 1 S	.08	.12	.25	.03	.03	.05	.05	.04	.01				.02												.68
MEDIX RUN		.20	.08	.08	.08	.14	.20	.12	.03	.04	.02	.02	.02		.03	.02	.01								1.09
MERCER WB AIRPORT 6x	*	.31	*	*	*	*	*	.65	*	*	*	*	*	.04											.69
MERCER	.12	.17	.24	.09	.06	.03	.07	.01																	.79
MILAN						.04	.09	.06	.05	.05	.01	.01	.05	.01	.01	.01									.39
MILLERSBURG 2 E	.03	.04	.09	.06	.20	.14	.14	.03	.06	.02	.01				.01										.83
MILLVILLE			.07	.14	.13	.15	.10	.04	.01	.02	.02	.01													.69
MONROE FURNACE		.07	.03	.01	.01		.03	.05	.08				.01	.01	.02	.05	.01								.38
MONTROSE					.02	.03	.10	.08	.04	.07	.06	.03	.01												.44
MOUNT POCONO 2 N WB AIRPORT		.01	.04	.05	.07	.06	.05	.11	.09	.05	.03	.03	.03	.03	.03	.05	.03	.01					.02		.79
MOUNT UNION 1 NW	.03	.01			.02	.02	.01						.02												.11
MURRYSVILLE	.10	.05	.02		.04	.01	.01	.03	.02	.01															.29
NEFFS MILLS 4 NE	.05	.05	.01	.01		.02	.02	.07	.01					.01	.01	.01									.27
NEW CASTLE 1 N	.09	.15	.17	.09	.08	.02	.06	.02	.01																.69
PALMERTON	.02		.02	.07	.04	.05	.09	.14	.16	.11	.03	.04	.02	.01	.02	.05	.02								.89
PARKERS LANDING 1 E	.10	.09	.16	.14	.08	.02	.01	.04		.01		.01	.03												.69
PHILADELPHIA WB AIRPORT	.03	.13	.13	.14	.13	.17	.29	.20	.30	.15	.05	.01		.02	.02	.01									1.80
PHILADELPHIA POINT BREEZE	.01	.05	.06	.11	.13	.18	.16	.29	.28	.12	.19	.01	.01			.01									1.61
PHILADELPHIA WB CITY	.05	.05	.09	.11	.15	.16	.23	.27	.36	.28	.02	.01			.02	.01		.01							1.82
PHILLIPSBURG WB AIRPORT	.06	.04	.04	.04	.04	.04	.04	.02	.02	.02	.01	.01	.02	.02	.02	.01	.01	.01	.01						.48
PHOENIXVILLE 1 E	.04	.07	.16	.16	.24	.33	.40	.50	.44	.04	.01	.01			.01	.03	.03	.01							2.48
PIKES CREEK				.04	.12	.08	.06	.13	.13	.09	.03	.01	.05	.02		.01	.01								.78
PINE GROVE MILLS 1 S	.06	.01	.01	.01	.03	.03	.08	.04	.01		.01	.05	.02	.03	.03	.01									.43
PITTSBURGH 7 SE WB AIRPORT	.09	.02		.01		.01	.02	.03																	.18
PITTSBURGH WB CITY	.05	.05	.04	.02				.02																	.18
PLEASANT MOUNT 1 W					.02	.06	.11	.09	.08	.05	.06	.06	.06	.02	.01										.62
PORT CLINTON	.03	.10	.15	.15	.20	.25	.28	.20	.12	.02		.01													1.51
PUNXSUTAWNEY 2	.05	.08	.07	.11	.02		.01	.01	.03																.38
PUTNEYVILLE DAM 2 SE	.05	.16	.11	.06	.02	.10	.02	.04	.04	.01															.61
RAYMOND			.02	.02	.10	.09	.07	.03	.01	.04	.05	.01		.01	.02	.01	.04	.01		.01					.54
READING WB CITY	.05	.06	.10	.11	.28	.16	.33	.23	.17	.01	.01						.02	.02	.02						1.57
RENOVO 6 S STATE CAMP		.06	.11	.18	.13	.14	.14	.10	.04	.01	.03	.04	.02		.01	.01									1.02
RIDGWAY	.02	.05	.04	.04	.08	.09	.03	.06	.01				.01	.01	.05	.02	.01								.52
ROCHESTER 1 N	.16	.14	.16	.08	.02	.02	.01	.02													.01				.62
SAXTON					.07									.02	.01	.01									.11
SCANDIA	.01	.09	.21	.16	.15	.08	.02	.01	.01	.03	.01														.78
SCRANTON WB CITY			.01	.03	.08	.10	.07	.08	.11	.08	.04	.02	.01	.02	.02	.01	.03								.71
SELLERSVILLE 2 NW					.01	.10	.22	.37	.32	.09	.10	.09	.01	.01		.02	.06	.01							1.41
SHADE GAP	.05	.10	.02			.03	.02	.01							.01	.01									.25
SHEFFIELD 6 W CHERRY GROVE	.08	.11	.12	.11	.09	.06	.02	.01			.01														.61
SMETHPORT HIGHWAY SHED				.04	.10	.15	.10	.08	.10	.05	.02	.05		.01	.02	.01									.73
SPRING GROVE	.19	.08	.09	.05	.27	.19	.12	.01	.02	.02		.02	.01												1.07
STATE COLLEGE	.01	.04	.02	.05	.05	.06	.05	.09	.10	.03			.04	.04	.01	.02	.01								.62
STRONGSTOWN	.07	.08	.11	.16	.01	.01	.01	.07			.05	.03													.60
STROUDSBURG		.01	.01	.08	.14	.08	.06	.04	.08	.09	.01	.01	.01	.04	.05	.02	.01								.74
SUNBURY			.04	.12	.16	.06	.06	.07	.07																.58
TAMAQUA 4 N STILL CREEK DAM	.03	.02	.08	.08	.05	.07	.12	.19	.09	.06	.02	.01													.82

See reference notes following Station Index

PENNSYLVANIA

MAY 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TIONESTA 2 SE DAM	.07	.07	.08	.05	.06	.02		.03	.02																.40
TITUSVILLE		.09	.11	.07	.02	.01	.05	.03																	.38
TOWANDA				.02	.08	.06	.05	.09	.04	.03	.02	.01				.01			.01						.42
TUNKHANNOCK 1 S AIRPORT				.02	.06	.02	.10	.07	.08	*	*	*	.02	.01	.01	.02	.01								.42
TUNNELTON	.11	.11	.06	.10		.02	.02	.01	.01	.03	.01														.48
TYRONE 4 NE BALD EAGLE	.04	.09	.05	.02	.06	.02	.01	.07						.05	.01	.05	.04								.51
UNION CITY 1 W	.01	.10	.15	.01	.03	.03	.05	.06	.01			.01													.46
VANDERGRIFT 2 W	.15	.14	.01	.01	.08	.02	.05	.01	.02																.49
WASHINGTON	.02				.02	.01	.05	.01												.03	.02	.01			.17
WAYNESBURG 1 E	.01	.01																							.02
WEBSTER MILLS 3 SW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WELLSBORO 2 E				.07	.08	.03	.03	.03	.06	.01	.01	.01	.01	.01	.01	.01			.01						.38
WILLIAMSPORT 4 E WB AIRPORT 6x			*	*	*	*	*	.72	*	*	*	*	*	.17	*	*	*	*	*	.01					.90
WIND GAP 3 SW				.08	.07	.05	.04	.03	.20	.12	.08	.08	.08	.01	.01	.03	.01	.01	.01						.91
YORK 2 S FILTER PLANT	.24	.10	.15	.04	.09	.13	.18	.06	.04	.01	.02	.01													1.07
YOUNGSVILLE	.06	*	*	.38	.01	.02	.01	.04																	.52
												6th													
ALBION																				.01	.03	.04	.03		.11
ALLENS MILLS			.01	.01			.01																.01	.01	.05
BETHLEHEM LEHIGH UNIV						.01																			.01
BLAIRSVILLE 6 ENE 6x																					*	*	*	*	.06
BOSWELL																						.01			.01
BROOKVILLE 6x																					*	*	*	*	.03
BUCKSTOWN																								.01	.01
CHAMBERSBURG										.02								.01					.01	.01	.05
CHARLEROI																					.01	.01			.02
CLARION DAM 3 SW																					.01				.01
COALPORT																				.01			.01		.02
CONFLUENCE DAM 1 SW																						.03			.03
DU BOIS 7 E		.01		.01						.01															.03
DUNLO						.01																			.01
ERIE WB CITY																						.02	.03	.01	.06
ERIE AIRPORT 6x																					*	*	*	*	.10
FRANKLIN																				.03	.06				.09
GLENCOE																					.01	.06	.04		.11
HAWLEY 1 S WALLEN DAM		.01			.01		.01																		.03
HOME																					.01	.02	.01	.01	.05
INDIANA 2 SE																					.01		.02	.01	.04
JAMESTOWN 2 NW																			.03	.07	.06	.04			.20
LEWISTOWN								.01	.04																.05
MARTINSBURG AIRPORT 6x																					*	*	*	*	.04
MEADVILLE 1 S								.01	.01											.10	.08	.02	.01		.23
MERCER WB AIRPORT 6x															*	*	*	*	*	.06	*	*	*	*	.17
MERCER																			.02	.03	.05		.01		.11
MONROE FURNACE																							.01	.01	.02
MURRYSVILLE																					.01				.01
NEFFS MILLS 4 NE																				.01		.02			.03
NEW CASTLE 1 N																		.01	.01	.03		.04			.09
PHILLIPSBURG WB AIRPORT																						.02	.01	.01	.04
PINE GROVE MILLS 1 S																						.02			.02
PITTSBURGH 7 SE WB AIRPORT																							.01		.01
PITTSBURGH WB CITY																					.01	.04	.06	.04	.15
PUNXSUTAWNEY 2																						.01		.01	.02
PUTNEYVILLE DAM 2 SE																						.01	.01	.01	.03
RAYMOND																								.05	.05
RENOVO 6 S STATE CAMP																							.02	.02	.04
ROCHESTER 1 N		.01		.01	.01	.01	.01	.02	.02								.01	.01		.01	.01	.01	.03		.17
SAXTON					.11																				.11
SMETHPORT HIGHWAY SHED																			.01		.01				.02
STATE COLLEGE																							.01		.01
TITUSVILLE																				.01	.09				.10
TUNNELTON																							.02		.02
TYRONE 4 NE BALD EAGLE																							.02		.02
UNION CITY 1 W																				.02	.07	.07	.01		.17
VANDERGRIFT 2 W																						.01		.01	.02
WASHINGTON																				.01	.01	.03	.03		.08
WAYNESBURG 1 E																					.01				.01
WEBSTER MILLS 3 SW																				*	*	*	*	*	*
YOUNGSVILLE																					.02	.03			.05
												7th													
ALBION		.01	.02	.09	.01	.02	.02		.01	.03		.01	.01				.01	.02	.05	.05	.07	.02	.01	.02	.48
ALLENS MILLS	*	.06	.09	.12	.10	.08						.01	.08	.04	.04	.20	.11	.01			.01				.95
ALLENTOWN WB AIRPORT							.02	.17	.18	.24	.12			.01	.01										.75
AUSTINBURG 2 W						.04	.06	.02																	.12
BETHLEHEM LEHIGH UNIV							.01	.18	.17	.20	.13				.01		.01								.71
BLAIN				.15	.28	.08	.11											.02	.04	.02					.70
BLAIRSVILLE 6 ENE 6x	*	.06	*	*	*	*	*	.26	*	*	*	*	*	.13	*	*	*	*	*	.28	*	*	*	*	.73
BLAKESLEE CORNERS							.01	.03	.21	.13	.16	.02	.06	.07	.01										.70
BOSWELL	.01	.13	.15	*	*	*	.08		.01	.01		.31		.02	.04	.15	.16	.04	.07	.01	.02	.05	.01		1.27
BROOKVILLE 6x	*	.03	*	*	*	*	*	.28	*	*	*	*	*	.06	*	*	*	*	*	.30	*	*	*	*	.72
BUCKSTOWN		.03	.12	.04	.07	.01	.01	.01						.01	.01	.06	.04		.01	.01	.01	.06	.07	.01	.58
BUTLER SUBSTATION			.06	*	*	.06		.01	.01	.11		.01	.01	.01				.02	.04	.03	.01	.01	.01		.40
CANTON 1 NW						.10	.06	.02	.02	.01	.03	.02						.01	.01						.28
CARTER CAMP					.07	.13	.08	.05												.02					.35
CHAMBERSBURG	.03	.01	.06	.24	.33	.08	.12	.01						.01			.06			.05				.02	.95
CHARLEROI	.10	.05	.12	.07	.01									.06	.06			.04		.05				.02	.58
CLARION DAM 3 SW	.01		.01	.07	.04	.02					.09	.02		.01	.04	.01			.01	.02				.04	.39
COALPORT			.01	.07	.09	.06	.02		.01		.01					.10		.01	.02			.01	.01		.42
COATESVILLE 1 SW						.06	.24	.24	.43	.13	.01		.02												1.13
CONFLUENCE DAM 1 SW	.01	.03	.05	.05	.06						07				.09	.01	.04	.02	.06	.05	.03	.01			.58
CONNELLSVILLE 4 N		*	*	.09	.03									.01	.12	.22	.02	.05	.02	.05	.03				.64
CRESSON 1 E															.03	.14	.06	.03		.01		.01	.01		.29
DRIFTWOOD		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DU BOIS 7 E	*	*	*	.20	.02	.07	.01	.01						.05	.01	.03	.17	.03	.01						.61
DUNLO					.03	.04	.01									.11	.12	.03	.04		.01	.02	.03	.03	.47
DUSHORE						.08	.10	.04	.07	.01	.01	.01									.02	.01			.35
EAGLES MERE						.10	.15	.03	.05	.04	.02	.03	.01												.43
EMPORIUM			.01	.01	.06	.07	.03						.01					.09	.02						.30
ENGLISH CENTER						.10	.08	.08	.01		.01				.01					.06	.01				.36
ERIE WB CITY				.01	.03						.01			.01					.04	.06	.03	.01	.01	.02	.23

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ERIE AIRPORT 6X	*	.10	*	*	*	*	*	.05	*	*	*	*	*	.04	*	*	*	*	*	.04	*	*	*	*	.22
EVERETT		.07	.23	.06	.09	.04	.01	.01	.01																.52
FORD CITY DAM 4 S //		.02	.06	.05	.03	.01	.01				.08	.01	.02		.14	.05			.04	.01	.01			.01	.58
FRANKLIN		.01	*	*	.10		.01	.04	.06	.10															.32
GETTYSBURG 1 S		.03	.10	.15	.37	.28	.18	.06				.01													1.18
GLENCOE		.05	.17	.04	.06	.02						.02	.03	.02	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.54
GLEN ROCK			.03	.02		.45	.25	.10	.01		.01					.01	.01								.90
GOOD SPRINGS 1 NW				.02	.04	.17	.17	.10	.10	.03	.01														.64
GREENSBURG 2 E HWY SHED		.03	.03	*	*	.05			.01	.02	.05	.01		.18	.03	.10	.02	.02	.05		.08	.01	.01		.70
HARRISBURG 3 S WB AIRPORT			.01	.08	.14	.21	.20	.14	.03	.01	.01						.01								.84
HAWLEY 1 S WALLEN DAM							.02			.06	.12	.10	.20	.01	.01	.03	.01								.56
HEWITT 2 S		.05	.18	.15	.10	.05								.03	.02	.03									.61
HOLLIDAYSBURG		.08	.08	.08	.04	.08	.02				.01				.01		.08			.01					.49
HOLTWOOD							.12	.26	.36	.04															.78
HOME			.07	.07	.05	.02						.07	.08	.02	.23	.01			.01	.05	.01	.01	.01		.71
HONESDALE TANNERS FALLS //								.04	.07	.06	.17	.10													.44
HUNTSDALE FISH HATCHERY			.08	.25	.30	.14	.09									.01		.02							.89
INDIANA 2 SE			*	*	.18	.02						.04	.16		.15	.02	.03			.01		.02			.63
JACKSON SUMMIT							.06	.07	.02																.15
JAMESTOWN 2 NW		*	*	.12	.01	.02	.01	.01	.06	.04	.01	.02		.01				.01	.02	.01	.01		.01		.37
JOHNSTOWN 2			.09	.13	.03	.06	.01						.22		.14	.04	.01	.03	.06	.01	.01	.01	.02		.87
KANE 5 SE				.03	.05	.06	.06	.02	.01	.01			.01				.09	.03							.37
KIRKWOOD 1 SW						.10	.14	.40	.26	.01	.02	.02	.02	.01	.01	.01									1.00
LAMPETER SCS 1 A		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.10					1.10
LANCASTER 2 NE FILTER PLANT					.01	.01		.02	.30	.30	.30	.04		.01		01							.02		1.02
LAURELTON 2 N STATE VILLAGE					.03	.27	.06	.14	.03	.01	.01														.55
LEBANON 3 SW				.05	.15	.21	.18	.12	.02	.01	.02														.76
LEHIGHTON							.02	.20	.27	.18	.23	.06	.05	.08			.01								1.10
LEWISTOWN				.08	.22	.10	.07	.01										.01	.02						.51
LOCK HAVEN 2					.05	.07	.03	.05	.02										.03	.03	.02				.30
MARIENVILLE			*	*	.19	.04	.01	.04		.01		.08	.02		.03	.05	.01			.01					.49
MARTINSBURG			.01	.16	.16	.07	.09	.01					.14												.64
MARTINSBURG AIRPORT 6x	*	.04	*	*	*	*	*	.40							*	*	*	*	*	11					.04
MEADVILLE 1 S				.07	.01	.01	.06	.02	.11	.12	.01	.01	.01						.01	.03	.03	.01	.01	.01	.53
MEDIX RUN		.02	.05	.02	.10	.08	.05	.02							.03			.20	.08						.65
MERCER WB AIRPORT 6x	*	.11	*	*	*	*	*	.12	*	*	*	*	*	.21	*	*	*	*	*	.01	*	*	*	*	.42
MERCER			.10	.01				.11	.09	.08	.01														.40
MILAN		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLERSBURG 2 E				.01	.20	.14	.19	.10	.01																.65
MILLVILLE					.06	.16	.14	.10	.07	.06	.09										.01	.01			.70
MONROE FURNACE	.01		.02	.02	.13	.14	.11	.05										02	.06						.56
MONTROSE							.08	.08	.11	.08	.12	.06	.02	.01		.01			.01				.01	.01	.60
MOUNT POCONO 2 N WB AIRPORT //					.01			.24	.20	.29	.02	.05	.05	.05									.02		.93
MOUNT UNION 1 NW //	.03	.05	.09	.15	.17	.09										.01	01	.04							.64
MURRYSVILLE	.02	.02	.08	.03	.05					.02				01	.04			.02	.02	.02	.01	.01	.01		.36
NEFFS MILLS 4 NE	.01	.04	.02	.11	.15	.12	.08	.03		.01								.02	.08		.01				.68
NEW CASTLE 1 N		*	*	.11				.09	.08	.03										.01	.03				.35
PALMERTON							.04	.21	.18	.18	.16		.03	.04											.84
PARKERS LANDING 1 E			.03	.08	.01			.01			.08	.01								.01	.01		.01	.04	.29
PHILADELPHIA WB AIRPORT							.02	.18	.12	.20	.30	.02												.01	.85
PHILADELPHIA POINT BREEZE								.01	.24	.09	.24	.32	.01												.91
PHILADELPHIA WB CITY							.01	.17	.09	.28	.30	.03													.88
PHILLIPSBURG WB AIRPORT		.04	.05	.06	.06	.06	.05	.01			.01				.04	.04	.03	.03					.01	.01	.50
PHOENIXVILLE 1 E							.08	.28	.28	.58	.02	.06	.03	.01											1.34
PIKES CREEK						.10	.12	.18	.13	.09	.09	.09	.02												.82
PINE GROVE MILLS 1 S		.03	.04	.13	.13	.09	.03										.02	.01	.05	.01					.54
PITTSBURGH 7 SE WB AIRPORT //	.02	.02	.07	.06	.02					.04	.02				.12			.02	.04	.02	.03				.50
PITTSBURGH WB CITY	.02	.01	.02	.03	.02				.01					.01	.13	.01		.03	.01	.01	.02	.01			.34
PLEASANT MOUNT 1 W						.02	.10	.05	.11	.15	.20	.09	.01	.10	.06		.01							.01	.91
PORT CLINTON					.01	.17	.25	.18	.21	.02	.06														.90
PUNXSUTAWNEY 2		.01	.06	.09	.10					.01	.01	.08	.08			.15	.02	.01	.01	.02					.65
PUTNEYVILLE DAM 2 SE	.01	.02	.11	.08	.05	.02	.01		.01		.06	.03		.03	.04	.50	.01		.01	.01		.01	.01	.01	1.03
RAYMOND	*	*	.16	.01	.04	.02	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
READING WB CITY				.02		.02	.23	.27	.26	.17		.01	.01	.01											1.00
RENOVO 6 S STATE CAMP	.04				.14	.08	.05	.03										.02	.02				01		.39
RIDGWAY		*	*	.03	.02	.07	.02			.01					.01	.01	.15	.02	.01						.35
ROCHESTER 1 N	*	.11	.10	.01			.08	.05	.06							.01	.01	.03	.01	.01					.49
SAXTON			.10	.10	.12		.01		.01		.01					.03	.02	.05							.45
SCANDIA			.02	.03	.05	.01										.16				01	.02	.01	.01		.32
SCRANTON WB CITY					.01	.08	.02	.04	.17	.15	.14	.02	.01	.01	.01										.66
SELLERSVILLE 2 NW								.05	.16	.24	.24	.04	.01												.74
SHADE GAP		.01	.05	.17	.10	.12	.02										.01	.01	.09						.58
SHEFFIELD 6 W CHERRY GROVE		.01	.01	.06	.05	.07	.02	.01		.01	.02	.02			.10	.09								.01	.48
SMETHPORT HIGHWAY SHED	.01		.01	.01	.01	.02	.09	.02										.15	.04						.36
SPRING GROVE			.04	.01	.03	.33	.19	.12	.02		.01														.75
STATE COLLEGE			.02	.02	.14	.07	.07	.04									.01	.02	.03	.02					.44
STRONGSTOWN			.02	.12	.06	.03											.11	.02		.02		.01	.01		.70
STROUDSBURG					.05	.08	.03	.01	.20	.14	.29	.03	.06	.04	.16	.04	.02								1.00
SUNBURY						.13	.27	.10	.15	.08	.01		.07	.02	.05	.01	.02								.74
TAMAQUA 4 N STILL CREEK DAM							.10	.28	.13	.25	.02	.08	.01	.01											.88
TIONESTA 2 SE DAM //	.01	.01		.07	.02	.02	.01	.03	.03		.07				.16				.01	.01			.03	.01	.49
TITUSVILLE		*	*	.05	.05		.02	.02	.03	.04	.03	01	.01	.01							.01	.01	.01		.30
TOWANDA						.01	.09	.02	.06	.02		.04	.03								.03				.30
TUNKHANNOCK 1 S AIRPORT						.07	.06	.06	.12	.10	.10	.01	.03												.55
TUNNELTON //				.05	.07	.02	.02	.01	.01	.01			.01	.04	.01	.15					.01			.03	.44
TYRONE 4 NE BALD EAGLE			.01	.04	.16	.07	.08										12	.02	.03						.53
UNION CITY 1 W						.01	.01	.01	.03	.05	.03			.07	.01			.01	.03	.04	.03	.02	.11	.12	.41
VANDERGRIFT 2 W			.05	.05	.03	.03	.01		.01	.01	.11				.25	.08			.02	.03	.02				.70
WASHINGTON		.09	.05	*	*	*	.09								.03	.03		.01	.01	.03	.01	.01			.36
WAYNESBURG 1 E	.12	*	*	.27										.03	.01	.09	.01	.03	.03	.02	.01				.62
WEBSTER MILLS 3 SW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00					1.00
WELLSBORO 2 E						.09	.03	.01												.02					.15
WILLIAMSPORT 4 E WB AIRPORT 6x		*	*	*	*	*	*	.20	*	*	*	*	*	.08	*	*	*	*	*	.01	*	*	*	*	.30
WIND GAP 3 SW							.01	.06	.27	15	.29	.02		.03	02										.85
YORK 2 S FILTER PLANT				.05	.08	.42	.23	.12	.07		.01														.98
YOUNGSVILLE			.01	.05	.03	03	.01	.01	.01					22						.02	.01		.01		.41

8th

ALBION		.01		.01	.01	.01		.01																	.05
ALLENS MILLS	.01	.01	.0€	.01	.01	.01	.01	.01																	.13
BLAIRSVILLE 6 ENE 6x	*	.06																							.02
BLAKESLEE CORNERS											.02														

See reference notes following Station Index

PENNSYLVANIA

MAY 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BOSWELL	.01	.01																							.02
BROOKVILLE 6x	*	.08	*	*	*	*	*	.08	*	*	*	*	*	.01											.09
BUCKSTOWN	.01																								.01
BUTLER SUBSTATION				.01				.01			.01	.01													.04
CANTON 1 NW		.01						.01	.02																.04
CARTER CAMP																.01			.01						.02
CHARLEROI		.01	.01		.01																				.03
CLARION DAM 3 SW	.02	.01	.01		.01		.01																		.06
CONNELLSVILLE 4 N																				.01	.01	.01			.03
DRIFTWOOD	*	*	*	*	*	*	*	*	*	*	*	*	*	*											*
DU BOIS 7 E		.01	.03	.05		.01			.01	.01															.12
DUNLO	.01																								.01
EMPORIUM								.02		.02	.02														.06
ERIE WB CITY	.11	.02	.02	.03	.01	.01		.01																	.21
ERIE AIRPORT 6x	*	.09	*	*	*	*	*	.07	*	*	*	*	*	.01											.08
FORD CITY DAM 4 S //	.01																								.01
GREENSBURG 2 E HWY SHED																								.01	.01
JAMESTOWN 2 NW	.01																								.01
KANE 5 SE	.02	.02	.01	.03	.01				.01		.01		.01			.01									.13
MARIENVILLE	.01	.01	.03	.01			.01	.03	.03	.04	.01	.01	.01												.20
MEADVILLE 1 S	.01		.01		.01		.02	.01	.02	.01	.01	.01	.01		.01		.01	.01				.01	.01		.17
MEDIX RUN	.02																								.02
MERCER WB AIRPORT 6x	*	.08	*	*	*	*	*	.02																	.02
MERCER	*	*	.10	.01	.01																				.12
MILAN	*	*	*	*	*	*	*	*	*	*	*	*	*	.37											.37
MONROE FURNACE																					.01		.01		.02
MOUNT UNION 1 NW //												.03													.03
NEW CASTLE 1 N						.01	.01	.01				.02	.01												.06
PALMERTON							.02																		.02
PARKERS LANDING 1 E	.03				.01	.01	.07	.01												.02					.15
PHILLIPSBURG WB AIRPORT	.01								.01	.01															.03
PIKES CREEK							.01	.01																	.02
PUTNEYVILLE DAM 2 SE	.01																								.01
RENOVO 6 S STATE CAMP		.03		.01		.01		.01																	.06
RIDGWAY						.07		.01	.02	.01	.01	.01	.01			.01		.01							.16
ROCHESTER 1 N																					.01		.01		.02
SCRANTON WB CITY											.02														.02
SHEFFIELD 6 W CHERRY GROVE							.01	.02	.04	.01	.01														.09
TIONESTA 2 SE DAM //	.03	.01			.02			.02	.01																.09
TITUSVILLE		.01			.01		.01		.01	.01	.03	.01				.01									.10
UNION CITY 1 W	.01	.03	.04	.01	.01	.01	.01																		.12
WASHINGTON																				.01	.02	.01	.01	.01	.06
WILLIAMSPORT 4 E WB AIRPORT 6x	*	.01																							
YOUNGSVILLE	.01		.02	.01				.01																	.05
												9th													
ALBION																				.12	.01	.04	.04		.21
ALLENS MILLS																			.02		.01		.01		.04
AUSTINBURG 2 W																						.05		.01	.06
BROOKVILLE 6x			*	*	*	*	*	.02																	.02
CANTON 1 NW																							.01		.01
CARTER CAMP																		.01			.01	.03	.01		.06
CLARION DAM 3 SW		.01																							.01
ERIE WB CITY				.01	.01															.15		.01	.02		.20
ERIE AIRPORT 6x			*	*	*	*	*	.04							*	*	*	*	*	.11	*	*	*	*	.23
FRANKLIN																							.06	.01	.07
GREENSBURG 2 E HWY SHED				.01													.01	.01							.03
JAMESTOWN 2 NW																				.02					.02
KANE 5 SE										.01	.01									.03	.01		.02	.03	.11
MARIENVILLE																								.05	.05
MEADVILLE 1 S										.01	.01								.09				.01	.02	.14
MERCER WB AIRPORT 6x			*	*	*	*	*	.01													*	*	*	*	.04
MERCER																				.02					.02
MONTROSE																								.02	.02
PLEASANT MOUNT 1 W																							.01		.01
RIDGWAY										.01	.01														.02
ROCHESTER 1 N	.01																								.01
SCANDIA																					.06		.01	.05	.12
SHEFFIELD 6 W CHERRY GROVE																			.01	.12	.01	.04	.05	.05	.29
SMETHPORT HIGHWAYS SHED																				.01	.01	.06	.01		.09
TIONESTA 2 SE DAM //																		.02			.01			.07	.10
TITUSVILLE																				.02	.03		.01	.06	.12
UNION CITY 1 W				.01	.01	.01			.01		.01	.01		.01						.04		.07	.02		.20
WASHINGTON																			.01	.01	.01		.01	.01	.05
WELLSBORO 2 E																						.02			.02
YOUNGSVILLE					.01				.01											.05		.03	.09	.03	.22
												10th													
ALBION	.01	.01		.04	.01			.02	.05																.14
ALLENS MILLS			.01	.02																					.03
AUSTINBURG 2 W							.03				.03														.06
BLAIRSVILLE 6 ENE 6x									*	*	*	*	*	.18											.18
BROOKVILLE 6x			*	*	*	*	*	.02	*	*	*	*	*	.05											.07
BUTLER SUBSTATION											.09														.09
CANTON 1 NW												.01													.01
CARTER CAMP											.07														.07
CLARION DAM 3 SW										.13	.01														.14
COALPORT												.04	.03												.07
DRIFTWOOD								*	*	*	*	*	*	*	*	*	*	*	*	1.15					1.15
DU BOIS 7 E										.02			.01												.03
EMPORIUM										.10	.07	.01													.18
ERIE WB CITY		.03	.02	.06	.34	.12	.09	.03	.12	.04														.17	1.02
ERIE AIRPORT 6x	*	.08	*	*	*	*	*	.94	*	*	*	*	*	.14											1.31
FRANKLIN		.01		.01		.01			.20																.23
HOME											.09	.01													.10
INDIANA 2 SE											.18	.04													.22
JAMESTOWN 2 NW								.11	.02																.13
KANE 5 SE	.01		.04						.10	.01	.01	.02													.19
MARIENVILLE	.02	.02				.01			.44	.06	.01														.56
MEADVILLE 1 S	.02							.02	.02															.08	.14
MEDIX RUN										.02	.08	.03	.02												.15

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MERCER WB AIRPORT 6x	*	.03							*	*	*	*	*	.44											.44
MERCER								.19	.11	.01	.01	.01													.33
MONTROSE					.01																				.01
MURRYSVILLE											.03	.13													.16
NEW CASTLE 1 N									.10																.10
PARKERS LANDING 1 E									.04	.06	.05	.03													.18
PHILLIPSBURG WB AIRPORT												.01													.01
PITTSBURGH 7 SE WB AIRPORT //											.04	.08													.12
PITTSBURGH WB CITY											.01	.03													.04
PLEASANT MOUNT 1 W				.01	.01																				.02
PUNXSUTAWNEY 2					.07				.01	.01															.09
PUTNEYVILLE DAM 2 SE					.13						.02														.15
RAYMOND	-	-	-	-	-	-	-			.08	.01														-
RIDGWAY										.05	.05														.10
ROCHESTER 1 N									.01	.10	.05	.01													.17
SCANDIA		.01			.01	.01			.01	.01															.05
SCRANTON WB CITY				.01	.01																				.02
SHEFFIELD 6 W CHERRY GROVE	.01								.05	.02	.01	.01			.01										.11
SMETHPORT HIGHWAY SHED	.01		.01	.01						.03	.04														.10
STRONGSTOWN												.07	.02												.09
TIONESTA 2 SE DAM //	.02	.01							.24	.04															.31
TITUSVILLE									.09	.01															.10
TUNNELTON //												.13	.01	.01											.15
UNION CITY 1 W							.03	.03	.02	.01	.01														.10
WASHINGTON													.35												.35
YOUNGSVILLE	.01	.01		.01	.02																				.05
												11th													
ALBION																					.02	.10			.12
CANTON 1 NW																					.02				.02
ERIE WB CITY	.01																								.01
ERIE AIRPORT 6x	*	.23																			*	*	*	*	.04
HONESDALE TANNERS FALLS //			.08	.01																					.09
INDIANA 2 SE																					.01	.01	.01		.03
LOCK HAVEN 2																						*	*	*	*
NEW CASTLE 1 N																			.01			.01			.02
RAYMOND																			.01						.01
SHEFFIELD 6 W CHERRY GROVE	.02	.01																							.03
TOWANDA																.10									.10
UNION CITY 1 W	.06																								.06
WASHINGTON																			.02	.01	.01		.01		.05
												12th													
ALBION	.01	.01	.01	.02	.01																	.01	.06	.04	.17
ALLENS MILLS								.10																	.10
ALLENTOWN WB AIRPORT																		.17	.01	.04	.06	.45	.23	.18	1.14
AUSTINBURG								.01	.04	.01												.02		.02	.10
BETHLEHEM LEHIGH UNIV																	.04	.10	.08	.01	.03	.14	.36	.32	1.08
BLAIN															.58	.04	.04	.36	.58	.02	.18	.50	.30		2.60
BLAIRSVILLE 6 ENE 6x																					*	*	*	*	.45
BLAKESLEE CORNERS															1.00	.48	.01				.10	.02	.09	.10	1.80
BOSWELL																			.41			.02	.01	.02	.46
BROOKVILLE 6x			*	*	*	*	*	.06	*	*	*	*	*	.01							*	*	*	*	.08
BUCKSTOWN																1.40	.38	.04	.01			.13	.01		1.97
CANTON 1 NW													.03	.02								.26			.31
CARTER CAMP									.04	.03	.10	.04													.21
CHAMBERSBURG																								.03	.03
CHARLEROI																		.96	.06	.13	.08	.01			1.24
CLARION DAM 3 SW						.04	.09	.01	.03																.17
COATESVILLE 1 SW																								.06	.06
CONFLUENCE DAM 1 SW																						.02	.12	.14	.28
CONNELLSVILLE 4 N																		.38			.34	.06		.01	.79
CRESSON 1 E																		.12	.02	.10		.01		.02	.27
DRIFTWOOD							.02	.02		.01	.01	.03												.02	.11
DU BOIS 7 E										.16												.01	.02		.19
DUNLO																		.08	.43	.12				*	*
DUSHORE																						.06	.03		.09
EAGLES MERE																						.10	.03		.13
EMPORIUM							.01	.01	.01	.02	.02														.07
ENGLISH CENTER												.01	.03								.04		.06		.14
ERIE WB CITY	.01		.01	.04																			.04	.02	.12
ERIE AIRPORT 6x	*	.04	*	*	*	*	*	.04														*	*	*	.15
EVERETT																	.32		.01		.02	.01	.02	.02	.40
FORD CITY DAM 4 S //																							.12	.01	.13
FRANKLIN								.01															.01	.02	.04
GETTYSBURG 1 S																	.01		.01		.01		.01	.01	.05
GOOD SPRINGS 1 NW															.01	.11	.01		.18	.46	.33	.10	.21	.01	1.43
GREENSBURG 2 E HWY SHED																			.03	.13	.05	.02			.23
HARRISBURG 3 S WB AIRPORT																					.80	.02		.01	.83
HAWLEY 1 S WALLEN DAM																							.03	.03	.06
HOLLIDAYSBURG														.04	.01			.65	.04	.11	.13	.01			.88
HOLTWOOD																								.03	.03
HOME																					.05	.57	.03	.01	.66
HONESDALE TANNERS FALLS //																								.05	.05
HUNTSDALE FISH HATCHERY																							.01	.01	.02
INDIANA 2 SE	.01	.01		.03			.02	.01													.11	.09			.28
JACKSON SUMMIT										.06	.07	.07												.03	.23
JAMESTOWN 2 NW				.01	.02	.05	.02														.02	.03	.04	.01	.20
JOHNSTOWN 2																				.40	.01	.01			.42
KANE 5 SE						.03	.03	.03	.01			.01													.11
KIRKWOOD 1 SW																							.01	.01	.02
LAMPETER SCS 1A																							.10	.18	.28
LANCASTER 2 NE FILTER PLANT																								.02	.02
LAURELTON 2 N STATE VILLAGE														.04	.03						.15	.17	.03	.02	.44
LEBANON 3 SW																.01	.15				.11	.02		.01	.30
LEHIGHTON															.33	.05	.03			.03	.07	.07	.06	.06	.71
LEWISTOWN														.10	.01			.01	.01	.03	.08	.01	.11	.02	.38
LOCK HAVEN 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.12		.10	.28	.09	.01		.60
MARIENVILLE							.01		.02							.02			.01		.02			.01	.09
MARTINSBURG													.03	.03				.30	.07	.03	.01	.01			.48
MARTINSBURG AIRPORT 6x															*	*	*	*	*	.63	*	*	*	*	.68

See reference notes following Station Index

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TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MEADVILLE 1 S				.01	.01	.02	.04															.01	.04	.01	.14
MEDIX RUN									.10	.10	.07		.01												.28
MERCER WB AIRPORT 6x			*	*	*	*	*	.02													*	*	*	*	.06
MERCER																									.01
MILAN								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLERSBURG 2 E																.38					.46	.45	.03	.10	.06	1.48
MILLVILLE														.02	.40							.10	.10	.02	.01	.65
MONROE FURNACE													.08	.02		.01			.34	.80	.10					1.35
MONTROSE																									.07	.07
MOUNT POCONO 2 N WB AIRPORT																	.74	.20	.12				.07	.10	1.23
MOUNT UNION 1 NW //																		.72	.02	.01	.11	.02	.06		.94
MURRYSVILLE																				.07	.04	.04	.01		.16
NEFFS MILLS 4 NE													.01	.01				.02	.01	1.35	.11		.01		1.52
NEW CASTLE 1 N																		.01	.01					.01	.03
PALMERTON																.09		.02			.03	.04	.11	.06	.35
PARKERS LANDING 1 E				.01		.08																			.09
PHILADELPHIA WB AIRPORT																								.01	.01
PHILLIPSBURG WB AIRPORT																			.30	.20	.10	.04	.02	.01	.67
PHOENIXVILLE 1 E																				.04	.46	.03		.02	.55
PIKES CREEK														.05	.07							.17	.03	.02	.34
PINE GROVE MILLS 1 S												.07	.02	.16			.01	.28	.15	.17					.86
PITTSBURGH 7 SE WB AIRPORT																					.35	.03	.01		.39
PITTSBURGH WB CITY																						.01			.01
PLEASANT MOUNT 1 W																							.04	.03	.07
PORT CLINTON																	.02	.06	.03		.14	.06	.17	.01	.49
PUNXSUTAWNEY 2																						.39			.39
RAYMOND									.02	.03									.01		.01	.02	.01		.10
READING WB CITY																		.47	.05		.17	.03	.12	.39	1.23
RENOVO 6 S STATE CAMP																						.04			.04
RIDGWAY											.01	.01													.02
ROCHESTER 1 N																		.02	.01	.01	.01	.01			.06
SAXTON																	.22	.51			.23	.01			.97
SCANDIA																								.02	.02
SCRANTON WB CITY													.01	.02	.04	.01						.09	.01	.04	.22
SELLERSVILLE 2 NW																			.02			.08	.04	.24	.38
SHADE GAP															.04			.01	.02	.01	.02	1.14	.07	.01	1.32
SHEFFIELD 6 W CHERRY GROVE	.01					.01	.01	.02	.01	.05															.11
SMETHPORT HIGHWAY SHED								.01							.01	.01								.01	.04
STATE COLLEGE													.03	.01					.55	1.01	.27	.01			1.88
STRONGSTOWN																					.02		.01	.01	.04
STROUDSBURG														.01	.25	.10				.03	.01	.10	.12	.12	.74
SUNBURY														.17	.02	.01			.05	.25	.13	.01	.11	.06	.81
TAMAQUA 4 N STILL CREEK DAM															.87	.01	.09			.09	.20	.23	.16	.03	1.68
TIONESTA 2 SE DAM //						.01	.01	.03	.01															.01	.07
TITUSVILLE						.01	.02	.01																.05	.09
TOWANDA													.02										.10	.01	.13
TUNKHANNOCK 1 S AIRPORT																						.01	.01	.03	.05
TUNNELTON //																					.19	.02	.01	.01	.23
TYRONE 4 NE BALD EAGLE																		.07	.41	.57	.01	.01			1.07
UNION CITY 1 W		.03		.01	.01	.05																	.02	.04	.16
VANDERGRIFT 2 W								.01																	.01
WASHINGTON																		.19	.01	.29	.20	.05			.74
WAYNESBURG 1 E																		1.30	.09	.32	.16	.02		.01	1.90
WELLSBORO 2 E										.12	.01	.12											.01	.01	.27
WILLIAMSPORT 4E WB AIRPORT 6x																					*	*	*	*	.16
WIND GAP 3 SW																.09	.04	.04	.02				.12	.20	.51
YORK 2 S FILTER PLANT																					.02			.01	.03
YOUNGSVILLE					.03																			.01	.04
												13th													
ALBION	.01				.04	.07	.02	.01	.04				.01												.20
ALLENS MILLS		.01		.01	.01	.01				.17	.01				.01	.01				.03	.02	.01			.30
ALLENTOWN WB AIRPORT	.26	.14	.13	.06	.06	.08	.09	.10	.18	.09	.07	.08	.09	.14	.04							.01	.05	.03	1.70
AUSTINBURG 2 W	.04	.02	.01	.02		.02	.01	.03	.01	.01		.04	.05	.03		.01		.01			.01		.01	.16	.49
BETHLEHEM LEHIGH UNIV.	.17	.33	.16	.05	.02	.01	*	*	*	*	*	*	*	*	*	*	*	*	1.32				.05	.02	2.14
BLAIN						.01	.01	.01	.02	.05							.02	.03		.06				.08	.29
BLAIRSVILLE 6 ENE 6X	*	.45														*	*	*	*	.17					.17
BLAKESLEE CORNERS	.05	.04	.07	.04	.04	.03	.03			.07	.06	.07	.04	.06								.02	.07	.01	.70
BOSWELL	.01																								.01
BROOKVILLE 6x	*	.01	*	*	*	*	*	.01	*	*	*	*	*	.19	*	*	*	*	*	.02					.22
BUCKSTOWN				*	.01									.07											.08
CANTON 1 NW					.01			.01			.01							.01							.04
CARTER CAMP					.01	.01					.01	.03	.01	.05							.01		.01	.01	.15
CHAMBERSBURG	.04	.02	.02				.02	.02								.10	.07			.01	.02	.01			.33
CHARLEROI	.01			.01		.01		.01		.01	.01														.06
CLARION DAM 3 SW								.02																	.02
COALPORT				.02		.01				.01		.01		.02		.09			.06	.09	.01	.08			.40
COATESVILLE 1 SW		.02	.12	.16	.14	.07	.08	.30	.02	.03	.07	.09				.01		.01							1.12
CONFLUENCE DAM 1 SW	.01	.01													.03										.05
CONNELLSVILLE 4 N		.01										.01				.02	.01								.05
CRESSON 1 E													.02		.20	.03									.25
DRIFTWOOD	.01		.01		.01	.01	.01			.02															.07
DU BOIS 7 E															.01				.01	.01	.01	.02			.06
DUNLO	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DUSHORE						.01	.02							.02	.01			.02	.08		.02				.18
EAGLES MERE																	.01		.15	.01					.17
EMPORIUM	.01			.01			.01				.02	.06										.22			.33
ENGLISH CENTER												.01	.01				.01	.01							.04
ERIE WB CITY	.03			.08	.04		.02	.04																	.21
ERIE AIRPORT 6x	*	.11	*	*	*	*	*	.07													*	*	*	*	.08
EVERETT														.03	.01			.04	.03						.11
FRANKLIN	.06	.01		.01	.01	.05	.01	.01	.01																.17
GETTYSBURG 1 S	.02	.02	.01	.23	.05	.01	.01	.01		.06	.01	.02						.04	.01						.50
GLENCOE													.05	.05	.05										.15
GLEN ROCK		.02	.03		.06	.09	.05	.17	.05	.08	.05		.01	.03											.64
GOOD SPRINGS 1 NW	.03	.02	.02						.10	.12	.15	.04								.32	.02	.01			.83
GREENSBURG 2 E HWY SHED															.01	.01									.02
HARRISBURG 3 S WB AIRPORT	.01	.02	.02			.02	.01	.01	.02	.04	.05	.01						.02	.01			.01	.01	.01	.27
HAWLEY 1 S WALLEN DAM	.03	.03	.05	.05	.05	.02		.02	.02	.04	.02	.02	.06	.01	.09	.04	.01	.01		.03	.01				.62
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG				.01	.01	.02										.40			.11	.01	.02				.58
HOLTWOOD	.03	.10	.12	.02	.05	.12	.06	.13	.05	.06	.10	.05				.01									.90

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HOME											.01			.09											.10
HONESDALE TANNERS FALLS //	.03	.06	.02	.04	.01		.03	.03	.08	.03	.02	.01	.08	.10	.05	.02	.03						.02	.02	.68
HUNTSDALE FISH HATCHERY	.02	.01				.01	.04	.40	.03							.02	.12			.01	.02	.01	.01		.70
INDIANA 2 SE		.01	.01		.01		.01		.01						.05										.10
JACKSON SUMMIT	.02		.01	.03	.01	.01	.01	.03	.02			.01	.01	.01	.01	.01		.01	.01					.02	.23
JAMESTOWN 2 NW						.02	.03	.01																	.06
KANE 5 SE		.03	.01	.01	*	.04			.01	.02		.01													.13
KIRKWOOD 1 SW	.01	.04	.03	.05	.06	.07	.10	.48	.04	.10	.02	.03													1.03
LAMPETER SCS 1 A	.02	.02	.06	.02	.02	.20	.20	.02	.18	.02	.06														.82
LANCASTER 2 NE FILTER PLANT	.07	.03	.04	.05	.01	.01	.03	.05	.06	.04	.30	.22	.08	.02	.01	.05	.03								1.10
LAURELTON 2 N STATE VILLAGE	.04	.03						.03	.04	.01							.15	.10	.02	01				.01	.44
LEBANON 3 SW	.07	.02		.01	.01	06	.15	.12	.06	.04	.07	.05						.03							.69
LEHIGHTON	.02	.09	.09		.08	.02	.01	.06	.05	.08	.08	.09	.14	.01								.07	.01		.90
LEWISTOWN	.01	.01	.02	.02	.01												.06	.09	.10				.10	.01	.32
LOCK HAVEN 2																									.11
MARIENVILLE	.01						.01		.03																.05
MARTINSBURG															.01	.36	.27	.11	.01	.02		.02	.01		.81
MARTINSBURG AIRPORT 6x	*	.05	*	*	*	*	*	.01	*	*	*	*	*	.01	*	*	*	*	*	.96	*	*	*	*	1.03
MEADVILLE 1 S	.06						.07	.01	.06																.20
MERCER WB AIRPORT 6x	*	.04	*	*	*	*	*	.03	*	*	*	*	*	.01											.04
MERCER	.04												.01				.01								.06
MILAN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLERSBURG 2 E	.01	.03	.06	.01				.02	.18	.23	.03			.01				.02	.04	.02					.66
MILLVILLE	.07								.01	.02	.10	.01	.01	.01						.27	.02				.52
MONROE FURNACE										.01						.05	.15	.04			.05				.30
MONTROSE	.04	.01	.01					.01	.01	.02	.01				.01	.01								.10	.23
MOUNT POCONO 2 N WB AIRPORT	.03	.05	.03	.06	.08	.06	.06	.02		.04	.10	.09	.04	.06	.05	.01			.01		.01	.05	.07		.92
MOUNT UNION 1 NW //																.05	.05	.22	.02	.01	.01	.02			.38
NEFFS MILLS 4 NE											.01					.07	.20				.21	.01			.50
NEW CASTLE 1 N	.03	.01	.01	.01	.01																				.07
PALMERTON	.05	.06	.07	.03	.01	.03	.02	.01	.01	.04	.05	.11	.08	.12	.01								.01		.71
PARKERS LANDING 1 E	.03	.04	.02	.01																					.10
PHILADELPHIA WB AIRPORT	.01	.02	.02	.07	.18	.20	.27	.13	.02		.04	.08	.08	.22	.01	.01	.01	.01	.01	.01					1.40
PHILADELPHIA POINT BREEZE		.02	.01	.02	.06	.10	.20	.22	.31				.11	.06	.17	.03	.01	.01	.01					.01	1.35
PHILADELPHIA WB CITY	.01	.02	.01	.07	.14	.16	.23	.26				.10	.06	.17	.04	.01	.01	.01	.01						1.31
PHILLIPSBURG WB AIRPORT															.05	.03	.02	.01					.01	.01	.13
PHOENIXVILLE 1 E	.06	.11	.02	.18	.30	.14	.10	.20	.08	.08	.15	.15	.17			.01			.01						1.76
PIKES CREEK	.06	.02		.01			.01			.16	.09	.02	.10	.22	.04	.02		.01		.01	.13	.02			.92
PINE GROVE MILLS 1 S										.01						.08	.13								.22
PLEASANT MOUNT 1 W	.03	.05	.02				.01	.01	.05	.03			.01	.01	.09					.01		.03	.03	.01	.39
PORT CLINTON	.14	.28	.04	.03	.01	.02	.02	.02	.10	.18	.20	.10	.07			.01						.07			1.29
PUNXSUTAWNEY 2						.02																			.02
PUTNEYVILLE DAM 2 SE									.02																.02
RAYMOND	.08	.02	.01	.02	.02	.03	.01	.01		.01	.01	.13	.04			.01	.01					.01	.17		.59
READING WB CITY	.46	.05	.04	.02	.02	.05	.05	.07	.05	.14	.28	.11	.05	.04	.03					.01					1.47
RENOVO 6 S STATE CAMP										.01	.01	.01		.01	.06										.10
RIDGWAY	.01	.02	.01	.03	.01						.08	.01									.01				.18
ROCHESTER 1 N				.01																					.01
SAXTON			.01			.01				.01					.11	.20	.25	.07	.11	.10		.17			1.04
SCANDIA	.01	.09	.05	.04	.01		.02	.02	.01	.01						.03									.29
SCRANTON WB CITY	.05	.03	.01	.02		.01					.11	.02	.04	.02	.01	.02					.01	.01	.02		.38
SELLERSVILLE 2 NW	.12	.35	.15	.08	.10	.12	.10	.13	.15	.03	.06	.30	.05	.04	.01	.02	.01								1.82
SHADE GAP																.10		.30	.10	.14	.04				.68
SHEFFIELD 6 W CHERRY GROVE	.01		*	.02				.01																	.04
SMETHPORT HIGHWAY SHED						.01			.01	.04										.01	.01		.01		.09
SPRING GROVE	.01	.02	.02	.05	.25	.03	.02	.18	.30	.55	.05	.03							.04					.05	1.60
STATE COLLEGE																.02	.13	.01							.16
STRONGSTOWN	.01																								.01
STROUDSBURG	.12	.13	.09	.05	.03	.09	.09	.03	.07	.08	.08	.06	.06	.03			.01						.05		1.07
SUNBURY	.03	.01	.01	.01	.01			.02	.02	.01		.04						.06	.04						.26
TAMAQUA 4 N STILL CREEK DAM	.03	.04	.04	.05	.01	.01	.01		.04	.02	.14	.08	.04	.03							.15	.09			.78
TIONESTA 2 SE DAM //		.03	.04																						.07
TITUSVILLE	.01		.02		.01	.08	.04	.03	.01		.01														.21
TOWANDA							.01	.01	.02	.01	.01									.01		.01		.01	.09
TUNKHANNOCK 1 S AIRPORT	.04	.01										.02	.02		.01	.01				.01	.07	.01			.20
TUNNELTON //														.03	.01										.04
TYRONE 4 NE BALD EAGLE								.01						.01	.01	.01							.01		.05
UNION CITY 1 W	.04				.25	.04	.02	.15	.02	.01	.01														.54
VANDERGRIFT 2 W													.17	.02			.01								.20
WASHINGTON										.02	.01	.01													.04
WAYNESBURG 1 E									.01		.02	.01	.01												.05
WELLSBORO 2 E		.02	.03	.01	.01			.01					.01	.02	.01	.01	.01								.14
WILLIAMSPORT 4 E WB AIRPORT 6x	*	.16	*	*	*	*	*	.01	*	*	*	*	*	.02	*	*	*	*	*	.09	*	*	*	*	.25
WIND GAP 3 SW	.23	.14	.08	.07	.03	.03	.06	.06	.11	.07	.15	.11	.07	.07	.10									.04	1.42
YORK 2 S FILTER PLANT	.04	.03	.01	.01	.12	.25	.05	.05	.42	.35	.26	.05	.02						.01	.01					1.68
YOUNGSVILLE	.03	.11	.03	.01	.01		.10	.04	.04			.01	.01												.39
													14th												
ALBION								.01		.01	.01	.01													.04
ALLENTOWN WB AIRPORT														.07			.01	.05		.16					.29
BETHLEHEM LEHIGH UNIV								.02						.01						.05	.05				.13
BLAIN											.04														.04
BLAIRSVILLE 6 ENE 6x									*	*	*	*	*	.42											.42
BLAKESLEE CORNERS														.17	.08	.24	.18	.06		.01					.74
BOSWELL		.04					.03	.06		.01			.01												.15
BROOKVILLE 6x			*	*	*	*	*	.01	*	*	*	*	*	.01											.02
BUCKSTOWN							.04	.01																	.05
CANTON 1 NW			.02	.01	.02	.01		.01						.08	.03		.01								.19
CARTER CAMP	.01			.02	.01																				.04
CHAMBERSBURG									.05	.02															.07
COALPORT							.02				.09	.02													.13
CONNELLSVILLE 4 N													.01				.01				.01				.03
CRESSON 1 E				.05					.27	.03															.35
DRIFTWOOD											.14	.03	.01												.18
DU BOIS 7 E	*	*	.03				.13	.05	.19	.01															.41
DUNLO	*	*	*	*	*	*	*	*	*	*	*	*	*	*											*
DUSHORE				.15	.08	.06	.01							.01	.02	.05		.01							.39
EAGLES MERE			.01	.03	.01	.03	.01								.06	.05	.05								.25
ENGLISH CENTER					.08												.01		.01					.01	.11
ERIE WB CITY			.01					.02	.01	.01															.05
ERIE AIRPORT 6x	*	.01							*	*	*	*	*	.06											.06
EVERETT				.01		.01		.18	.04																.24

See reference notes following Station Index

PENNSYLVANIA

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TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FORD CITY DAM 4 S//							.01	.15							.02										.16
GETTYSBURG 1 S																			.09	.01					.02
GLENCOE																									.10
GLEN ROCK											.02			.01		.01	.17								.21
GOOD SPRINGS 1 NW			.04				.01				.04	.02		.01	.02										.14
GREENSBURG 2 E HWY SHED					*	*	.09	.02	.01					.01					.01						.14
HARRISBURG 3 S WB AIRPORT	.04															.01									.05
HAWLEY 1 S WALLEN DAM	.02	.03	.01					.01	.06	.01	.01				.06	.12	.08	.06	.05	.08	.03	.01	.01	.01	.66
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG										.07															.07
HOME							.01	.07	.10	.01		.01													.20
HONESDALE TANNERS FALLS //	.01		.02				.09	.16	.01							.01	.02	.02	.04	.01	.01	.01			.41
INDIANA 2 SE								.15	.16	.01															.32
JACKSON SUMMIT			.01			.04	.02		.01						.02										.10
JOHNSTOWN 2		.07	.01																						.08
KANE 5 SE	.02	.04	.02																						.08
LAURELTON 2 N STATE VILLAGE							.01				.15	.03	.08	.05	.01				.20						.33
LEHIGHTON							.02									.07	.05								.34
LEWISTOWN											.10	.01			.01										.12
LOCK HAVEN 2										.28	.30	.12	.10	.02	.01	.01									.84
MARTINSBURG				.01	.12			.02	*	*	*	*	*	.07											.22
MARTINSBURG AIRPORT 6x	*	.05	*	*	*	*	*	.11	*	*	*	*	*	.23											.34
MEDIX RUN											.40														.40
MERCER WB AIRPORT 6X			*	*	*	*	*	.01																	.01
MERCER		.01	.01	.01																					.03
MILAN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					*
MILLERSBURG 2E		.02						.01		.01	.01	.01	.01		.03										.10
MILLVILLE													.25	.23	.14	.06	.01	.07							.76
MONROE FURNACE			.01			.01				.24	.16	.04	.04												.50
MONTROSE	.03		.01	.02	.03	.05	.04	.04		.01						.01	.03	.04	.01						.32
MOUNT POCONO 2 N WB AIRPORT //	.01				.02		.11							.08	.07	.15	.12	.10	.09	.04					.79
MOUNT UNION 1 NW //									.01	.03	.01														.05
MURRYSVILLE						.10	.13	.14	.02																.39
NEFFS MILLS 4 NE		.02	.02	.01	.02	.01			.01	.21	.18	.02	.01												.51
PALMERTON								.06						.01			.06	.03	.04	.10					.30
PHILLIPSBURG WB AIRPORT	.02	.02	.02	.02		.01	.01	.02	.02	.02	.02	.02	.02	.02											.24
PIKES CREEK					.11	.04				.01				.06	.04	.04	.05								.35
PINE GROVE MILLS 1 S					.02				.01	.31	.08	.04													.46
PITTSBURGH 7 SE WB AIRPORT //						.13	.14	.08			.06														.41
PITTSBURGH WB CITY						.06	.05	.03	.01																.15
PLEASANT MOUNTAIN 1 W							.08	.08	.01		.01					.01		.07	.02		.01				.29
PORT CLINTON																			.02	.05					.07
PUTNEYVILLE DAM 2 SE						.03	.01	.02																	.06
RENOVO 6 S STATE CAMP										.24	.12	.10	.08												.54
RIDGWAY									.03	.01															.04
SAXTON									.37																.37
SCANDIA																		.05		.01	.02				.08
SCRANTON WB CITY					.01	.01	.11	.01					.04	.08	.04	.07	.04	.17	.01						.59
SELLERSVILLE 2 NW								.05													.05				.10
SHADE GAP					.01					.13	.01	.01	.01	.01	.01										.19
SMETHPORT HIGHWAY SHED		.01	.01			.01	.01								.03	.04	.07								.04
SPRING GROVE	.01																								.15
STATE COLLEGE			.03							.04	.20	.03	.07												.36
STRONGSTOWN								.06	.14	.01															.21
STROUDSBURG								.04								.12	.05	.05	.02						.28
SUNBURY		.03					.01		.01		.16	.02	.02	.08	.02		.03	.02	.01						.41
TAMAQUA 4 N STILL CREEK DAM							.02		.01				.06	.01		.10	.07		.03						.30
TITUSVILLE								.01		.01		.01													.03
TOWANDA		.01		.02	.07	.01		.01						.07	.02	.07	.04								.32
TUNKHANNOCK 1 S AIRPORT					.01	.04	.04	.01				.02		.01		.02	.13	.03	.02						.33
TUNNELTON //								.25	.10	.05															.40
TYRONE 4 NE BALD EAGLE	.01	.01	.01		.04						.02	.06													.15
VANDERGRIFT 2 W							.06	.07		.02	.01														.16
WELLSBORO 2 E					.01	.08							.01												.10
WILLIAMSPORT 4 E WB AIRPORT 6x	*	.13	*	*	*	*	*	.06	*	*	*	*	*	.20	*	*	*	*	*	.05					.31
WIND GAP 3 SW																	.02	.04	.02	.02	.05	.01	.01		.17
15th																									
ALBION																							.01		.01
HOLTWOOD									.01																.01
16th																									
ALBION		.02	.30	.15																			.01	.28	.76
ALLENS MILLS							.36	.10	.10	.05															.61
ALLENTOWN WB AIRPORT												.06	.05	.12	.14	.07	.02	.04	.01					.01	.53
AUSTINBURG 2 W				.01	.03	.12	.23	.07	.17																.63
BETHLEHEM LEHIGH UNIV	*	*	*	*	*	*	*	*	*	*	*	*	.09	.08	.14	.11	.06	.04	.02				.01		.55
BLAIN										.05	.05	.01	.01		.03	.05		.01							.21
BLAIRSVILLE 6 ENE 6x			*	*	*	*	*	.17	*	*	*	*	*	.39											.56
BLAKESLEE CORNERS									.03	.18	.03	.17	.03	.07		.01	.01								.53
BOSWELL							.07	.06	.02	.05	.01	.01	.02	.08	.06		.01	.01							.40
BROOKVILLE 6x			*	*	*	*	*	.10	*	*	*	*	*	.14	*	*	*	*	*						.24
BUCKSTOWN					.01		.04	.01	.01	.02	.01	.05	.19	.11											.45
BUTLER SUBSTATION						.15	.06		.01							.02					.02				.22
CANTON 1 NW							.05	.23	.07	.04	.09	.01						.54	.03						.53
CARTER CAMP						.07	.35	.20	.05	.03	.01														1.28
CHAMBERSBURG										.01	.02				.07	.24	.05								.39
CHARLEROI						.09	.01		.03			.01	.01	.01	.01	.01									.18
CLARION DAM 3 SW						.26	.45	.05	.01									.01							.48
COALPORT								.05	.14	.10	.03	.01		.01						.01					.35
COATESVILLE 1 SW												.05	.05	.07	.20	.16	.18	.08							.79
CONFLUENCE DAM 1 SW								.07	.02	.03	.02	.04	.08	.14	.05	.02									.47
CONNELLSVILLE 4N							.08	.09	.01	.02	.01	.06	.08	.03	.04									.01	.43
CRESSON 1 E							.07	.12	.08	.01		.01	.03	.01				.02							.35
DRIFTWOOD							.23	.14	.10	.03								.07	.03						.60
DU BOIS 7 E						.08	.17	.13	.02									.21	.48			.01			1.10
DUNLO								*	*	*	*	*	*	*	*	*	*	*	*	*					*
DUSHORE				.02				.22	.08	.10	.01														.43
EAGLES MERE								.20	.15	.11	.07	.02	.03	.03	.01	.01									.63
EMPORIUM						.33	.25	.12	.02	.01							.07	.08	.01						.89
ENGLISH CENTER							.22	.13	.12	.08	.02	.01							.11	.08	.02				.79
ERIE WB CITY		.05	.22	.01	.01																			.11	.40

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ERIE AIRPORT 6x			*	*	*	*	*	.42																	
EVERETT													#		.10	.02					*	*	*	*	.80
FORD CITY DAM 4 S //							.19	.03	.05																.12
FRANKLIN					.35	.20	.19	.01	.01		.01					.03								.17	.27
GETTYSBURG 1 S											.07	.05	.01		.07	.09	.16	.05							.97
GLENCOE												.02	.08	.14	.06	.01									.50
GLEN ROCK												.02	.02	.12	.12	.08	.10	.04				.02			.31
GOOD SPRINGS 1 NW										.06	.14	.10	.10		.01	.07									.52
GREENSBURG 2 E HWY SHED							.12	.02	.06	.02	.01	.02	.01	.01	.01										.48
HARRISBURG 3 S WB AIRPORT											.06	.10	.07	.02	.01	.04	.04	.01							.28
HAWLEY 1 S WALLEN DAM										.05	.20	.06	.06	.04	.02	.02	.01	.01							.35
HEWITT 2 S														.07	.48	.01									.47
HOLLIDAYSBURG								.07	.08		.01		.01	.01	.04										.56
HOLTWOOD													.03		.13	.16	.08	.22	.04						.22
HOME		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	#	*	*	.33					.66
HONESDALE TANNERS FALLS //									.20	.11	.10	.11	.03	.05	.02	.02									.33
HUNTSDALE FISH HATCHERY									.04	.06	.02			.02	.10	.07		.01							.64
INDIANA 2 SE							.15	.20	.10																.32
JACKSON SUMMIT						.01	.05	.23	.06	.01	.01				.01			.12	.07	.01					.45
JAMESTOWN 2 NW				.40	.15	.01	.01	.01																	.58
JOHNSTOWN 2							.03	.10	.02	.06			.05	.01	.01								.17	.18	.93
KANE 5 SE			.01		.30	.26	.13	.16	.03	.02															.28
KIRKWOOD 1 SW										*	*	*	*	*	*	*	*	*	.98						.91
LAMPETER SCS 1A												.06	.02	.08	.08	.14	.20								.98
LANCASTER 2 NE FILTER PLANT													.03	.07	.02	.08	.10	.15	.11						.58
LAURELTON 2 N STATE VILLAGE								.18	.07	.05	.02	.02													.56
LEBANON 3 SW											.08	.15	.07	.06	.07	.04	.05	.01							.34
LEHIGHTON									.02	.06				.02	.02	.02	.04	.01	.01						.53
LEWISTOWN									.02	.17	.01	.17	.01												.20
LOCK HAVEN 2							.10	.12	.15	.02	.02										.19				.38
MARIENVILLE				.01	.35	.24	.10	.08	.01																.60
MARTINSBURG									.10	.04	.01			.02											.79
MARTINSBURG AIRPORT 6x									*	*	*	*	*	.15	*	*	*	*	*	.06					.17
MEADVILLE 1 S	.01	.01			.28	.02																			.21
MEDIX RUN							.65	.23	.17	.05	.01	.01	.01	.03				.18					.02	.04	.38
MERCER WB AIRPORT 6x			*	*	*	*	*	.49																	1.34
MERCER					.36	.19	.01														*	*	*	*	.79
MILAN		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.08			.23	.04	.83
MILLERSBURG 2 E										.10	.07	.05	.02		.02	.01									1.08
MILLVILLE									.20	.04	.09	.01	.02	.01	.02										.27
MONROE FURNACE								.02	.18	.03	.03		.01												.39
MONTROSE								.05	.18	.14	.10	.12	.02	.01											.27
MOUNT POCONO 2 N WB AIRPORT									.02	.20	.08	.10	.10	.02	.06	.02									.62
MOUNT UNION 1 NW //									.06		.03	.01		.03	.01										.60
MURRYSVILLE						.02	.28	.13	.05																.14
NEFFS MILLS 4 NE								.04	.15	.01	.02	.02	.02												.48
NEW CASTLE 1 N																									.26
PALMERTON										.01	.02	.05	.07	.10	.03		.01						*	*	*
PARKERS LANDING 1 E						.09	.13	.04	.01																.29
PHILADELPHIA WB AIRPORT													.01	.09	.20	.09	.07	.12	.02	.01					.27
PHILADELPHIA POINT BREEZE															.07	.20	.18	.06	.10	.02					.61
PHILADELPHIA WB CITY													.01	.08	.20	.18	.06	.08	.07		.01				.63
PHILLIPSBURG WB AIRPORT							.02	.04	.04	.04	.04	.04	.04	.03	.01										.69
PHOENIXVILLE 1 E													.10	.10	.09	.30	.17	.05	.03					.01	.30
PIKES CREEK									.12	.08	.12	.04	.04	.02	.04	.03	.01								.85
PINE GROVE MILLS 1 S								.08	.15		.03	.01													.50
PITTSBURGH 7 SE WB AIRPORT //						.01	.14	.13	.04																.27
PITTSBURGH WB CITY						.02	.18	.04																	.32
PLEASANT MOUNT 1 W							.01	.26	.15	.09	.15	.06	.13	.03	.02										.24
PORT CLINTON											.01	.10	.08	.10	.10	.03	.06	.02							.90
PUNXSUTAWNEY 2							.13	.21	.07	.01	.01														.50
PUTNEYVILLE DAM 2 SE							.22	.12	.04	.02			.01												.43
RAYMOND				.02	.07	.38	.18	.12	.05	.04						.01									.41
READING WB CITY												.05	.06	.11	.08	.10	.07	.05	.01				.01		.87
RENOVO 6 S STATE CAMP							.33	.09	.08	.04	.01	.01							.30	.01					.54
RIDGWAY						.21	.40	.17	.03	.01	.02		.01				.21	.01							.87
ROCHESTER 1 N						.15	.04	.01											.01	.01		.01			1.07
SAXTON									.01					.07	.05	.05		.01							.23
SCANDIA		.02	.01	.04	.24	.16	.01																		.19
SCRANTON WB CITY									.19	.09	.01	.04		.01											.48
SELLERSVILLE 2 NW														.15	.18	.20	.20	.08	.02	.01			.03	.03	.31
SHADE GAP										.07	.01	.01			.08	.12	.05								.90
SHEFFIELD 6 W CHERRY GROVE				.12	.29	.09	.09																		.34
SMETHPORT HIGHWAY SHED					.21	.27	.11	.10	.01																.59
SPRING GROVE											.03	.03	.02	.05	.07	.14	.24		.01	.01	.02				.70
STATE COLLEGE								.05	.22	.06	.02		.01												.62
STRONGSTOWN		*	*	*	*	*	*	*	*	*	#	.30													.36
STROUDSBURG								.01	.14	.09	.13	.11	.07	.03						.01	.01				.30
SUNBURY								.03	.12	.10	.03	.02													.60
TAMAQUA 4 N STILL CREEK DAM									.05	.07	.10	.13	.15			.01									.30
TIONESTA 2 SE DAM //				.01	.30	.25	.15	.08																	.51
TITUSVILLE				.09	.23	.01				.01			.01												.79
TOWANDA							.14	.28	.03	.05	.07		.01											.09	.44
TUNKHANNOCK 1 S AIRPORT								.06	.19	.03	.06		.01	.01											.58
TUNNELTON //							.03	.22	.12	.03		.01	.01	.01											.36
TYRONE 4 NE BALD EAGLE							.04	.15	.11	.04	.03	.02			.01										.43
UNION CITY 1 W			.03	.08	.05	.05	.01																		.40
VANDERGRIFT 2 W							.14	.06	.13	.05										.01	.35	.03			.22
WASHINGTON						.03	.13	.01				.01	.01	.02	.01						.01			.01	.77
WAYNESBURG 1 E						.02	.17	.01	.03		.01	.01	.06	.03	.01	.01									.24
WELLSBORO 2 E						.07	.24	.15	.02	.01								.01	.02						.36
WILLIAMSPORT 4 E WB AIRPORT 6x			*	*	*	*	*	.02	*	*	*	#	*	.30											.52
WIND GAP 3 SW										.01	.03	.01	.08	.12	.11	.03	.01	.02							.32
YORK 2 S FILTER PLANT												.02	.07	.02	.11	.13	.17	.01			.02	.02			.42
YOUNGSVILLE				.07	.19	.13	.01	.01																	.57
																									.41
													17th												
ALBION	.12					.03			.06	.07	.01	.03	.01		.03										.36
ALLENS MILLS											.10		.08				.01	.03							.22
ALLENTOWN WB AIRPORT						.02																			.02
AUSTINBURG 2 W											.07														.07
BETHLEHEM LEHIGH UNIV				.01		.08																			.09
BLAIN								.01		.01	.01		.03												.06
BLAIRSVILLE 6 ENE 6x									*	*	#	*	*	.10	*	*	#	*	*	.34	*	*	*	*	.46

See reference notes following Station Index

PENNSYLVANIA

MAY 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BLAKESLEE CORNERS				.01		.03		.03		.01			.23	.06	.01										.38
BOSWELL		.08						.01				.05	.03	.07			.03	.15	.04						.46
BROOKVILLE 6x			*	*	*	*	*	.01	*	*	*	*	*	.10	*	*	*	*	*	.22					.33
BUCKSTOWN											.06	.07					.01	.09							.23
BUTLER SUBSTATION	.01	.01	.06	.01			.01				.03	.23	.01	.01	.02	.04		.01				.01			.46
CANTON 1 NW								.03				.01	.01	.01	.01			.03	.03	.03		.01			.17
CARTER CAMP											.02										.01	.03			.06
CHAMBERSBURG				.02	.01			.01		.01		.01													.06
CHARLEROI	.02	.01										.08		.01										.01	.13
CLARION DAM 3 SW				.02							.08		.02				.02	.03							.17
COALPORT				.01		.01				.01	.01		.14	.01	.01			.01		.01					.22
COATESVILLE 1 SW									.01		.01			.04	.02		.13								.21
CONFLUENCE DAM 1 SW		.04										.01	.05		.03				.13						.26
CONNELLSVILLE 4 N			.01			.01																			.02
CRESSON 1 E		.03							.08			.08			.03		.01	.02							.25
DRIFTWOOD					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.25					.25
DU BOIS 7 E								.02			.03	.05		.07	.01	.01	.01								.20
DUNLO								*	*	*	*	*	*	*	*	*	*	*	.78						1.41
DUSHORE																					.01		.01		.02
EAGLES MERE													.03		.01										.04
EMPORIUM								.01	.03		.02	.01	.04		.01		.01								.13
ENGLISH CENTER					.03								.01	.04	.02	.01	.01								.12
ERIE WB CITY	.16	.03					.06																		.25
ERIE AIRPORT 6x	*	.38	*	*	*	*	*	.16	*	*	*	*	*	.02											.18
EVERETT	.02								.03					.05	.01										.11
FORD CITY DAM 4 S //		.08	.01	.01			.01				.17	.03	.29		.01	.01	.07							.01	.70
FRANKLIN	.02	.01					.01		.01	.01	.17	.12	.01		.04										.40
GETTYSBURG 1 S			.01		.01			.01	.01																.04
GLENCOE	.02	.05	.02									.05	.05												.19
GLEN ROCK																.05									.05
GOOD SPRINGS 1 NW	.01				.01		.01		.01			.12	.03												.19
GREENSBURG 2 E HWY SHED										.02	.03	.02	01					.09							.17
HARRISBURG 3 S WB AIRPORT														.08											.08
HAWLEY 1 S WALLEN DAM			.01			.01				.02				.10	.18										.32
HEWITT 2 S										.05				.01	.01										.07
HOLLIDAYSBURG			.02	.01		.01	.02																		.06
HOLTWOOD																.02		.02							.04
HOME		.13						.01			.05	.01	.01		.01	.09	.01	.01						.02	.35
HONESDALE TANNERS FALLS //								.01	.02	.05	.02				.05										.15
INDIANA 2 SE		.01						.01					.02	.02	.03										.09
JAMESTOWN 2 NW	.01					.01	.02	.02	.01																.07
JOHNSTOWN 2		*	*	.05								.02	.03	.01	.01	.01	.05	.16	.01					.01	.36
KANE 5 SE								.01			.01	.12	.05	.01		.07	.05		.01						.33
KIRKWOOD 1 SW																			.01						.01
LAMPETER SCS 1A																.30									.30
LEBANON 3 SW						.01	.01								.06										.08
LEHIGHTON														.18											.18
MARIENVILLE	.10						.01				.03	.03	.02		.05										.24
MARTINSBURG								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MARTINSBURG AIRPORT 6x									*	*	*	*	*	.07	*	*	*	*	*	.19					.26
MEADVILLE 1 S	.22	.04	.02						.04	.01	.06	.02													.41
MEDIX RUN												.12	.24	.16	.22		.18	.06							.98
MERCER WB AIRPORT 6x	*	.30	*	*	*	*	*	.05	*	*	*	*	*	.16											.21
MERCER	.07	.03					.01				.30														.41
MILAN														*	*	*	*	*	*	*	*	*	*	*	*
MILLERSBURG 2 E										.01		.13	.02	.01											.17
MONROE FURNACE				.02	.01				.01																.04
MONTROSE													.12	.02	.01					.02					.17
MOUNT POCONO 2 N WB AIRPORT						.03	.02	.02						.13	.02										.22
MURRYSVILLE	.02	.01	.01								.01	.04	.03		.07		.01	.01							.21
NEW CASTLE 1 N	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.26	*	*	*
PALMERTON						.02																			.02
PARKERS LANDING 1 E		.01	.01	.01												.26	.03	.01							.33
PHILADELPHIA WB AIRPORT			.07	.01											.01	.02									.11
PHILADELPHIA POINT BREEZE				.03	.02											.04	.08	.01							.18
PHILADELPHIA WB CITY			.02	.03											.01	.07									.13
PHILLIPSBURG WB AIRPORT											.01	.01	.01												.03
PHOENIXVILLE 1 E			.01												.01	.08									.10
PIKES CREEK									.01	.01	.01														.03
PINE GROVE MILLS 1 S				.11									.05												.16
PITTSBURGH 7 SE WB AIRPORT //	.04	.01	.02									.01					.01	.02							.11
PITTSBURGH WB CITY	.11	.01	.02	.01							.03	.06	.09			.03	.11	.03							.50
PLEASANT MOUNT 1 W								.03	.01	.01							.18								.23
PUNXSUTAWNEY 2										.20	.03	.08	.04		.05	.02	.02								.44
PUTNEYVILLE DAM 2 SE							.01				.04		.04	.05		.02	.01							.05	.22
READING WB CITY														.19			.01								.20
RENOVO 6 S STATE CAMP				.03									.05	.02		.01		.02							.13
RIDGWAY											.03	.04					.01								.08
ROCHESTER 1 N	.06	.05	.04								.08	.02		.10	.01										.36
SAXTON											.05														.05
SCANDIA	.04	.06	.01	.03			.01	.01	.01	.01	.09	.01			.01			.06	.05	.01	.01				.42
SCRANTON WB CITY									.03							.03									.06
SHADE GAP										.14			.03												.17
SHEFFIELD 6 W CHERRY GROVE	.13	.02	.01	.01	.01		.04			.02	.09	.07	.02		.10	.08									.60
SMETHPORT HIGHWAY SHED												.05	.06			.07	.01	.01							.20
SPRING GROVE								.03	.01																.04
STATE COLLEGE				.01									.03												.04
STRONGSTOWN			.04	.01	.01								.02		.01		.01								.10
STROUDSBURG				.01																					.01
SUNBURY								.02																	.02
TAMAQUA 4 N STILL CREEK DAM					.08		.05						.09	.01											.23
TIONESTA 2 SE DAM //	.02									.08	.10	.08				.04									.32
TITUSVILLE	.11		.01																						.12
TUNKHANNOCK 1 S AIRPORT							.03	.01																	.04
TUNNELTON //																.05	.02	.16	.01						.24
TYRONE 4 NE BALD EAGLE													.16												.16
UNION CITY 1 W	.11	.02								.34	.14														.61
VANDERGRIFT 2 W		.11								.01	.02	.03	.01	.03											.21
WASHINGTON	.04	.03	.03				.01											.10							.21
WAYNESBURG 1 E	.04									.01		.01		.12			.01								.19
WILLIAMSPORT 4 E WB AIRPORT 6x			*	*	*	*	*	.01	*	*	*	*	*	.08	*	*	*	*	*	.02					.11
YORK 2 S FILTER PLANT																.32									.32
YOUNGSVILLE	.13	.01	.01	.01		.01			.01	.07	.05														.30

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
18th																									
AUSTINBURG 2 W		.02						.01		.01	.02					.03									.09
BLAIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
BLAIRSVILLE 6 ENE 6x	*	.02													*	*	*	*	*	.09					.01
BLAKESLEE CORNERS												.05	.02	.04	.01	.06									.18
BUTLER SUBSTATION			.01						.01						.01					.01					.04
CANTON 1 NW									.02	.02	.05	.02	.04	.03	.01	.10	.01		.01						.31
CARTER CAMP						.01	.01			.01	.01				.02	.02									.08
CHARLEROI													.02												.02
CONFLUENCE DAM 1 SW															.09	.01									.10
CONNELLSVILLE 4 N																.07									.07
CRESSON 1 E	.03																								.03
DUNLO	.08	.01	.01																						.10
DUSHORE									.01	.01	.02	.01							.02						.07
EAGLES MERE										.01	.02	.01	.02	.02	.01		.02								.11
ENGLISH CENTER												.01	.01	.04		.02	.01								.09
FORD CITY DAM 4 S //							.03																		.03
GOOD SPRINGS 1 NW													.01	.03	.02	.09									.15
HAWLEY 1 S WALLEN DAM															.03										.03
JACKSON SUMMIT							.03	.04	.01	.04	.02	.04	.03	.01	.13	.01	.03								.39
JOHNSTOWN 2	.01																								.01
KANE 5 SE	.01						.01	.03		.01				.01	.01		.01								.09
KIRKWOOD 1 SW																			.01						.01
LEBANON 3 SW																		.03							.03
LEWISTOWN																.03									.03
LOCK HAVEN 2																.03									.03
MARTINSBURG	*	*	*	*	*	*	.21																		.21
MILAN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					*
MONTROSE									.01		.01		.01			.02	.02						*	*	*
MOUNT POCONO 2 N WB AIRPORT //												.01	.02			.03									.06
NEW CASTLE 1 N	*	*	*	*	*	*	*	.25																	.51
PIKES CREEK														.01		.01									.02
PLEASANT MOUNT 1 W								.03	.04	.01	.02		.08	.01	.01										.20
RENOVO 6 S STATE CAMP												.01	.01			.01									.03
SCANDIA		.01	.01				.06	.03		.01		.01													.13
SCRANTON WB CITY								.02			.01	.02													.05
SHEFFIELD 6 W CHERRY GROVE															.01			.01			.01				.03
SMETHPORT HIGHWAY SHED														.08											.08
STRONGSTOWN	.03																								.03
SUNBURY															.06										.06
TAMAQUA 4 N STILL CREEK DAM											.01		.01	.01	.06	.01									.10
TIONESTA 2 SE DAM //															.02										.02
TUNKHANNOCK 1 S AIRPORT											.01	.03	.04	.01											.09
WASHINGTON																				.01	.01				.03
WELLSBORO 2 E										.03	.05					.05								.01	.13
WILLIAMSPORT 4 E WB AIRPORT 6x									*	*	*	*	*	.03	*	*	*	*	*	.05					.08
YOUNGSVILLE							.02	.01																	.03
19th																									
BLAIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTROSE	*	*	*	*	*	*	*	*	*	*	.10														.17
20th																									
ALLENTOWN WB AIRPORT																						.10	.03	.13	
AUSTINBURG 2 W															.08	.01	.03	.01		.05	.02	.06	.03	.02	.31
BETHLEHEM LEHIGH UNIV																							.03	.08	.11
BLAIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIRSVILLE 6 ENE 6x																					*	*	*	*	*
BLAKESLEE CORNERS																							.12	.05	.17
BOSWELL																								.04	.04
CANTON 1 NW																	.01		.01	.08	.15	.15	.08	.09	.57
CARTER CAMP														.01	.03				.10	.04	.01		.05	.04	.28
COATESVILLE 1 SW																						.02	.06	.02	.10
DRIFTWOOD																								.01	.01
DUSHORE																		.02	.03	.05	.12	.06	.02	.10	.40
EAGLES MERE																	.01	.01	.05	.07	.17	.08	.08	.11	.58
EMPORIUM																							.06	.03	.09
ENGLISH CENTER															.03	.01	.03	.02		.15	.03	.05	.01	.07	.40
ERIE AIRPORT 6x																					*	*	*	*	.02
FRANKLIN							.01				.01			.01				.01							.04
GLEN ROCK																					.02	.02			.04
GOOD SPRINGS 1 NW																		.01	.01		.07	.08	.04	.02	.23
HARRISBURG 3 S WB AIRPORT																					.04				.04
HAWLEY 1 S WALLEN DAM																							.01	.04	.05
HOLTWOOD																							.06		.06
HOME	.01															.01		.01	.02	.01	.01				.07
HONESDALE TANNERS FALLS //																						.02	.06	.04	.12
JACKSON SUMMIT																	.01	.01	.01	.10	.12	.10	.07	.04	.46
KANE 5 SE																						.02	.01	.07	.10
LAMPETER SCS 1 A																					.02	.04	.02	.01	.09
LANCASTER 2 NE FILTER PLANT																							.06	.02	.08
LAURELTON 2 N STATE VILLAGE															.01	.02	.01			.13	.01		.02	.02	.22
LEBANON 3 SW																					.08	.02	.02	.01	.13
LEHIGHTON																					.01		.01	.07	.09
LOCK HAVEN 2																			.07	.03	.01	.01	.04	.07	.23
MARTINSBURG AIRPORT 6x															*	*	*	*	*	.02					.02
MEDIX RUN																								.06	.06
MERCER WB AIRPORT 6x																					*	*	*	*	.01
MILAN													*	*	*	*	*	*	*	*	*	*	*	*	*
MILLERSBURG 2 E																				.03	.08		.02		.13
MILLVILLE													.04	.03		.01		.04	.01						.13
MONROE FURNACE																							.01		.01
MONTROSE																						.07	.11	.07	.25
MOUNT POCONO 2 N WB AIRPORT //																								.10	.10
PALMERTON																							.01	.05	.06
PHILADELPHIA WB AIRPORT																							.01	.04	.05
PHILADELPHIA WB CITY																							.01	.02	.03
PHOENIXVILLE 1 E																							.07	.09	.16
PIKES CREEK																			.01	.01		.11	.05	.04	.22
PLEASANT MOUNT 1 W																						.01	.08	.03	.12
PORT CLINTON																							.06	.05	.11
RAYMOND							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

See reference notes following Station Index

PENNSYLVANIA

MAY 1948

TABLE 4 — Continued

HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
READING WB CITY																						.02	.10	.03	.15
RENOVO 6 S STATE CAMP																			.08				.04	.09	.21
RIDGWAY																								.01	.01
SCANDIA													.01									.03	.01	.06	.11
SCRANTON WB CITY																						.01	.11	.08	.20
SELLERSVILLE 2 NW																							.02	.01	.03
SHEFFIELD 6 W CHERRY GROVE													.02	.01					.01			.06		.01	.11
SMETHPORT HIGHWAY SHED														.02	.01								.03		.06
SPRING GROVE																					.04				.04
STROUDSBURG																	.02	.06	.01	.01	.05				.15
SUNBURY																				.08	.08	.03	.02	.06	.27
TAMAQUA 4 N STILL CREEK DAM																					.01	.08	.07	.07	.23
TOWANDA																			.06	.03	.18	.05	.07	.03	.42
TUNKHANNOCK 1 S AIRPORT																					.04	.10	.10	.01	.25
WELLSBORO 2 E																	.06		.04	.04	.06	.03	.05		.28
WILLIAMSPORT 4 E WB AIRPORT 6x															*	*	*	*	*	.02	*	*	*	*	.38
WIND GAP 3 SW																								.07	.07
YOUNGSVILLE																						.02	.02	.02	.06
												21st													
ALLENTOWN WB AIRPORT	.02	.02	.09																						.13
AUSTINBURG 2 W	.01																								.01
BETHLEHEM LEHIGH UNIV	.02	.02	.03	.05																					.12
BLAIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIRSVILLE 6 ENE 6x	*	.01																							
BLAKESLEE CORNERS	.03	.03	.05	.02																					.13
BOSWELL	.06																								.06
BROOKVILLE 6x															*	*	*	*	*	.01					.01
BUCKSTOWN	.06	.01	.01		.01		.01																		.10
CANTON	.01	.06	.01															.02	.06						.16
CARTER CAMP		.01		.01	.01	.01	.02										.01	.07	.01		.02				.17
CLARION																		.01							.01
COATESVILLE 1 SW	.04	.03	.04																						.11
DRIFTWOOD	.07	.03																							.10
EAGLES MERE	.02	.06	.01	.01																					.10
EMPORIUM	.01																								.01
ENGLISH CENTER	.01																			.01		.01			.03
ERIE WB CITY	.01																								.01
ERIE AIRPORT 6x	*	.02	-	-	-	-	-	-	-	-	-	-													
GETTYSBURG 1 S																			.01						.01
GLENCOE																	.08	.05	.02	.03					.18
GLEN ROCK		.01	.01	.01					.01											.02					.06
GOOD SPRINGS 1 NW	.08	.02	.01																						.11
HARRISBURG 3 S WB AIRPORT	.03	.06																							.09
HAWLEY 1 S WALLEN DAM	.02	.01	.05		.02																				.10
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-													
HOLLIDAYSBURG																				.03					.03
HOLTWOOD			.04	.01	.01															.02	.03				.11
HONESDALE TANNERS FALLS //	.01	.02	.02	.01																					.06
INDIANA 2 SE																			.03		.01	.01			.05
JACKSON SUMMIT							.01	.01										.01							.03
KANE 5 SE																	.04	.01		.01				.01	.07
KIRKWOOD 1 SW	.03	.03	.03																						.09
LAMPETER SCS 1A	.02	.06																							.08
LANCASTER 2 NE FILTER PLANT	.02		.01	.05	.02																				.10
LAURELTON 2 N STATE VILLAGE	.08																								.08
LEBANON 3 SW	.02	.02	.01																						.05
LEHIGHTON	.02	.02	.05	.04																					.13
LEWISTOWN	.01	.04																							.05
MARIENVILLE																	.06								.06
MEDIX RUN	.12																								.12
MERCER WB AIRPORT 6x	*	.01																							
MILAN	*	*	*	*	*	*	*	*																	*
MILLERSBURG 2 E	.08	.01					.01		.03																.13
MONROE FURNACE	.06			.01			.01																		.08
MONTROSE	.04	.05	.04	.01																					.14
MOUNT POCONO 2 N WB AIRPORT //	.03		.05		.01																				.09
NEFFS MILLS 4 NE	.06	.02	.01																						.09
PALMERTON	.03	.02	.05	.01																					.11
PHILADELPHIA WB AIRPORT	.04	.03	.02	.02	.01															.01	.04			.01	.18
PHILADELPHIA POINT BREEZE	.03	.04	.04	.03	.01																.01	.03			.19
PHILADELPHIA WB CITY	.04	.05	.04	.01																	.03				.17
PHILLIPSBURG WB AIRPORT	.10	.01																							.11
PHOENIXVILLE 1 E	.04	.08	.07																						.19
PIKES CREEK	.05	.05																							.10
PINE GROVE MILLS 1 S	.07																								.07
PLEASANT MOUNT 1 W	.02	.02	.03	.01																					.08
PORT CLINTON	.02	.06	.03	.02	.05	.01																			.19
PUTNEYVILLE DAM 2 SE	.02	.01																							.03
RAYMOND	*	*	*	*	*	*	*	*																	*
READING WB CITY	.05	.07																							.12
RENOVO 6 S STATE CAMP	.01							.03										.02	.01						.07
RIDGWAY	.07				.02													.02							.11
ROCHESTER 1 N																	.02	.01	.01						.04
SCANDIA																.01	.05	.02	.01	.01					.10
SCRANTON WB CITY	.01	.03	.02	.01																					.07
SELLERSVILLE 2 NW	.01	.01	.01			.01	.01	.02																	.07
SHEFFIELD 6 W CHERRY GROVE																.01	.08								.09
SMETHPORT HIGHWAY SHED	.01	.01	.01			.01											.04	.01					.01	.01	.11
SPRING GROVE			.01																.06						.07
STATE COLLEGE	.03	.01																							.04
STRONGSTOWN	.02		.01																						.03
SUNBURY	.11																								.11
TAMAQUA 4 N STILL CREEK DAM	.05	.01																							.06
TIONESTA 2 SE DAM //																	.01								.01
TOWANDA	.03																								.03
TUNKHANNOCK 1 S AIRPORT	.05	.01	.01																						.07
TUNNELTON //	.01																								.01
UNION CITY 1 W																.01	.02								.03
VANDERGRIFT 2 W	.01					.01																			.02
WILLIAMSPORT 4 E WB AIRPORT 6x	*	.36	*	*	*	*	*	.01																	.01
WIND GAP 3 SW	.02	.01	.03		.01																				.07

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

MAY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
YORK 2 S FILTER PLANT									.01	.01	.03	.01	.01												.07
YOUNGSVILLE		.01		.01										.03	.02										.07
22d																									
BLAIN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
EMPORIUM				.01		.01																			.02
ENGLISH CENTER	.01																								.01
ERIE WB CITY																								.01	.01
ERIE AIRPORT 6x																					*	*	*	*	.08
KANE 5 SE						.01		.01		.01		.01													.04
TITUSVILLE																		.01	.02	.01					.04
YOUNGSVILLE																					.01	.01		.01	.03
23d																									
ALBION									.04	.12	.09														.25
ALLENS MILLS																	.03	.07	.02	.01	.03	.01	.03	.23	.43
AUSTINBURG 2 W					.01		.03	.03	.06	.07	.08	.06	.11	.07	.07								.01		.60
BLAIN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BLAKESLEE CORNERS																.12	.35	.10	.17	.06	.33	.06		.01	1.20
BROOKVILLE 6x															*	*	*	*	*	.05	*	*	*	*	.21
CANTON 1 NW															.09		.05	.05	.02	.09	.04	.15	.15	.29	.93
CARTER CAMP		.01		.01	.02	.01	.02	.01	.01	.01				.05	.19		.01	.03	.08	.07	.10	.12	.12	.05	.92
CLARION DAM 3 SW							.01									.07	.04	.19	.03	.03		.12	.06	.03	.58
DRIFTWOOD																	.02	.06	.12	.10	.01	.10	.10	.14	.65
DU BOIS 7 E														.01	.04	.05									.10
DUSHORE																	.01	.02	.02	.01					.06
EAGLES MERE											.01	.01	.02												.04
EMPORIUM															.01		.01		.10	.07	.06	.08	.15	.02	.50
ENGLISH CENTER								.02																	.02
ERIE WB CITY	.02	.03		.05	.05	.04	.09	.15	.26	.05	.01														.75
ERIE AIRPORT 6x	*	.08	*	*	*	*	*	.25	*	*	*	*	*	.46											.71
FORD CITY DAM 4 S //															.01										.01
FRANKLIN																			.02		.02	.02	.02	.08	.16
HAWLEY 1 S WALLEN DAM																	.14	.01	.04	.02	.06	.07	.01	.02	.37
HONESDALE TANNERS FALLS //																		.01	.09	.04	.05	.01	.03	.18	.41
JACKSON SUMMIT					.01		.08	.08	.04	.06	.09	.01	.11	.07	.09	.02	.06	.01	.03	.05	.06	.06	.10	.03	1.06
JAMESTOWN 2 NW		.04											.02	.18	.05		.05	.06	.09						.49
KANE 5 SE							.03					.02	.10	.10	.15	.04	.04	.07	.05	.11	.13				.84
LEHIGHTON																			.01	.11	.01				.13
MARIENVILLE				.05	.02									.01	.01		.03	.02	.04	.11	.08				.37
MEADVILLE 1 S	.02										.06	.10	.11	.01			.03	.01	.03						.37
MEDIX RUN															.05	.04	.05	.23	.17	.01	.14	.05	.08	.43	1.25
MERCER WB AIRPORT 6x															*	*	*	*	*	.10	*	*	*	*	.27
MERCER																			.01		.09				.10
MILAN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE														*	*	*	*	*	*	*	*	*	*	*	*
MONTROSE							.01	.07	.10								.02	.08	.04	.04	.04	.08	.06	.07	.61
MOUNT POCONO 2 N WB AIRPORT //																	.12	.22	.15	.02	.10	.32	.05		.98
NEW CASTLE 1 N																.01	.02	.01				.01			.05
PALMERTON														*	*	*	*	*	*			*	*	*	*
PARKERS LANDING 1 E																			.03			.08	.06	.03	.20
PIKES CREEK														.01	.03	.01	.02	.15	.05	.01	.01	.01	.01		.31
PLEASANT MOUNT 1 W						.01	.01	.02									.05	.10	.06	.08	.02	.06	.10	.02	.53
RAYMOND								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
RIDGWAY						.01				.01								.02	.09	.09	.03	.21	.05		.51
SCANDIA			.06		.02	.02	.03	.01	.08	.08	.13	.09	.02	.01	.01										.56
SCRANTON WB CITY															.01			.02	.09		.01			.03	.16
SHEFFIELD 6 W CHERRY GROVE												.10	.13	.16	.02	.04	.03	.01	.04	.08	.02				.63
SMETHPORT HIGHWAY SHED					.01	.03	.01	.04		.01	.01	.09	.14	.16	.04	.03	.01	.01	.02	.03	.08	.04	.01		.77
STROUDSBURG											.08														.08
TAMAQUA 4 N STILL CREEK DAM																			.14	.03	.06	.10			.33
TIONESTA 2 SE DAM //				.01	.01	.04								.01	.03	.01	.03	.02	.05	.02	.07	.01			.31
TITUSVILLE											.07	.09	.12	.04	.02	.01	.01	.02	.04	.05	.01				.48
TOWANDA														.06	.02	.08	.03	.05	.09	.12	.09	.10	.18	.22	1.04
TUNKHANNOCK 1 S AIRPORT																	.20	.02	.07	.06	.01	.01	.01	.05	.43
UNION CITY 1 W	.02	.02	.01			.01	.02		.06	.15	.08	.02													.39
VANDERGRIFT 2 W	.01																								.01
WELLSBORO 2 E						.02	.01	.03		.01				.03	.15	.01		.01	.09	.12	.18	.23	.15	.16	1.20
YOUNGSVILLE	.01	.01	.01	.01	.01	.01	.01		.04	.14	.02	.07	.01	.01											.36
24th																									
ALLENS MILLS	.07	.02	.02	.02																					.13
AUSTINBURG 2 W	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BLAIN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BLAKESLEE CORNERS																			.02	.18	.01	.08	.01		.30
BROOKVILLE 6x	*	.16																							
BUTLER SUBSTATION													.03												.03
CANTON 1 NW	.17	.10	.14	.08	.03																				.52
CARTER CAMP	.02	.09	.01																						.12
DRIFTWOOD	.18	.24	.12	.08																					.62
DU BOIS 7 E		.02																							.02
DUSHORE	.01	.01	.04																						.06
EMPORIUM	.02	.02	.01																						.05
FRANKLIN	.03																								.03
GETTYSBURG 1 S																				.70		.12		.01	.83
GLEN ROCK																						.52	.15	.03	.70
HARRISBURG 3 S WB AIRPORT																			.40						.40
HAWLEY 1 S WALLEN DAM	.16													.02				.25	.34	.01	.65	.38	.30	.06	2.17
HOLTWOOD																							.05	.16	.21
HONESDALE TANNERS FALLS //	.02																				.05	.05		.10	.22
JACKSON SUMMIT	.02	.01																							.03
KIRKWOOD 1 SW																			.02	.02					.04
LAMPETER SCS 1 A														*	*	*	*	*	*	*	*	*	*	*	*
LANCASTER 2 NE FILTER PLANT																				.42	.10	.10	.02	.04	.68
LEBANON 3 SW																			.45	.05					.50
LEHIGHTON																					.09				.09
MEDIX RUN	.27	.20	.17	.01			.01																		.66
MERCER WB AIRPORT 6x	*	.17																							
MILAN	*	2.50																							2.50
MILLVILLE		.15																							.15

See reference notes following Station Index

PENNSYLVANIA
MAY 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MONTROSE	.07	.13	.07	.12	.04	.01	.03																		.47
MOUNT POCONO 2 N WB AIRPORT	.03																			.03	.08		.02		.16
PALMERTON														*	*	*	*	*	*	*	*	*	*	.02	.02
PARKERS LANDING 1 E	.01																								.01
PLEASANT MOUNT 1 W		.13																							.13
RAYMOND	*	1.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
READING WB CITY																				.01	.04		.01		.06
RIDGWAY	.01									.01															.02
SCRANTON WB CITY																								.08	.08
SMETHPORT HIGHWAY SHED											.01	.01													.02
SPRING GROVE																					.46	.10	.03	.05	.64
STROUDSBURG																					.02	.08			.10
TAMAQUA 4 N STILL CREEK DAM																				.03					.03
TOWANDA	.10	.10	.04	.06	.01		.01																		.32
TUNKHANNOCK 1 S AIRPORT	.01																								.01
WELLSBORO 2 E	.03	.04	.07	.01																					.15
YORK 2 S FILTER PLANT																				.05	.07	.08	.02	.01	.23
25th																									
ALLENTOWN WB AIRPORT			.01																						.01
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COATESVILLE 1 SW	.09																								.09
GLEN ROCK	.01								.01			.01													.03
HAWLEY 1 S WALLEN DAM							.01					.01													.02
HOLTWOOD	.05	.01																							.06
HONESDALE TANNERS FALLS //	.10																								.10
LAMPETER SCS 1 A	*	*	*	*	*	*	*	*	*	*	*	*	*	.90											.90
LANCASTER 2 NE FILTER PLANT					.01	.01	.01	.01																	.04
PHILADELPHIA WB AIRPORT						.02		.15																	.17
PHILADELPHIA POINT BREEZE							.05	.01	.14	.01															.21
PHILADELPHIA WB CITY						.21		.09	.01		.01														.32
RAYMOND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
READING WB CITY	.01																								.01
STROUDSBURG			.02																						.02
YORK 2 S FILTER PLANT	.01																								.01
26th																									
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ENGLISH CENTER												.01	.02	.04	.01										.08
HOLTWOOD																						.01		.01	.02
KIRKWOOD 1 SW																								.10	.10
RAYMOND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27th																									
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ENGLISH CENTER									.08																.08
LEWISTOWN															.02										.02
RAYMOND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28th																									
ALLENS MILLS																		.68	.32	.01			.18	.04	1.23
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIRSVILLE 6 ENE 6x															*	*	*	*	*	.26	*	*	*	*	.31
BOSWELL															.95	.22	.30	.11	.02		.01	.01			1.62
BROOKVILLE 6x			*	*	*	*	*	.05							*	*	*	*	*	.40	*	*	*	*	.48
BUCKSTOWN															.04	.01	.01	.21	.18	.20	.22	.16	.17	.11	1.31
CANTON 1 NW																						.03	.12		.15
CARTER CAMP																					.27	.05	.03	.02	.37
CHARLEROI																			.02	.05	.03	.02	.01	.01	.14
CLARION DAM 3 SW												.02													.02
COALPORT										.03							.01	.01		.05	.01	.01	.01		.13
CONFLUENCE DAM 1 SW								.02	.01	.01		.01				.01	.01		.01	.01	.01				.10
CONNELLSVILLE 4 N													.17	.04	.01	.04	.55	.09	.08	.01	.02	.01			1.02
CRESSON 1 E																			.60	.18	.08	.16	.06		1.08
DRIFTWOOD								.01		.01		.34								.29	.05				.70
DU BOIS 7 E						.05	.01	.01								.03		.01					.02	.02	.15
DUNLO									.07	.02	.01							.19	.10	.32	.08	.10			.89
EMPORIUM																			.04	.02					.06
FORD CITY DAM 4 S //			.07								.03											.02	.02		.14
GLENCOE																				.09	.01				.10
GREENSBURG 2 E HWY SHED												.02	.05	.01			.03	.05	.01			.01	.01	.01	.20
HEWITT 2 S																			.02	.01	.08	.08	.03		.22
HOLLIDAYSBURG																		.15	.15	.23	.17	.12	.05		.87
HOME			.01		.01	.03	.01	.01									.02	.03	.01	.01	.01	.01	.01	.01	.18
INDIANA 2 SE																.02	.04	.01	.01						.08
JOHNSTOWN 2																.40	.10	.10	.01	.01		.08			.70
KANE 5 SE																					.01	.01			.02
LEWISTOWN																							.30	.32	.62
LOCK HAVEN 2																							.03	.07	.10
MARIENVILLE																					.32				.32
MARTINSBURG																	.03	.02	.04	.50	.45	.17	.08		1.29
MARTINSBURG AIRPORT 6x															*	*	*	*	*	.30	*	*	*	*	1.55
MEDIX RUN								.04	.01							.02	.01		.08	.12				.12	.40
MILAN																				*	*	*	*	*	*
MONROE FURNACE																				.02	.07	.12	.13	.03	.37
MOUNT UNION 1 NW																						.37	.14	.15	.66
MURRYSVILLE																		.53		.01	.02	.01			.57
NEFFS MILLS 4 NE															.01	.04	.15	.15	.11	.01					.47
PARKERS LANDING 1 E											.02	.01													.03
PHILLIPSBURG WB AIRPORT							.10	.05	.05									.01	.01	.08	.08	.06	.05	.05	.54
PIKES CREEK																								.02	.02
PINE GROVE MILLS 1 S																			.01	.07	.11	.12	.03		.34
PITTSBURGH 7 SE WB AIRPORT //																	.04	.02			.02	.03	.03		.14
PITTSBURGH WB CITY																		.04			.02	.04	.01		.11
PLEASANT MOUNT 1 W																							.02		.02
PUNXSUTAWNEY 2					.09	.01	.01									.30	.02					.01	.01		.35

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PUTNEYVILLE DAM 2 SE				.03	.06											.01	.24				.01		.01		.36
RAYMOND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
RENOVO 6 S STATE CAMP								.01	.06	.01											.01	.01		.03	.13
RIDGWAY													.30	.20		.01	.02	.01							.54
ROCHESTER 1 N																					.01	.01	.01	.01	.04
SAXTON																					.22	.05	.01		.28
SHADE GAP																						.05	.30	.46	.81
SHEFFIELD 6 W CHERRY GROVE																			.55	.08	.03	.01			.67
STATE COLLEGE																				.04	.06	.09	.09	.02	.30
STRONGSTOWN																	.01	.01	.06	.03		.02	.01		.14
TIONESTA 2 SE DAM //																			.10	.76					.86
TOWANDA																								.08	.08
TUNNELTON //															.06	.10	.02		.06	.01					.25
TYRONE 4 NE BALD EAGLE																			.21	.14	.13	.13	.04		.65
VANDERGRIFT 2 W		.01		.01							.10	.01										.01	.01		.15
WASHINGTON													.12	.15	.01	.01	.02	.01	.01	.25	.25	.02	.01		.86
WAYNESBURG 1 E																			.09	.18	.05	.02	.03	.04	.41
WELLSBORO 2 E																				▪	*	*	*	*	*
WILLIAMSPORT 4 E WB AIRPORT 6x																					*	*	*	*	.47
ALLENS MILLS					.01						.01	.01													.03
ALLENTOWN WB AIRPORT											.10	.04	.0o							.01	.02	.02	.47	.15	.87
AUSTINBURG 2 W	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BETHLEHEM LEHIGH UNIV								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BLAIN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BLAIRSVILLE 6 ENE 6x	*	.05	*	▪	*	*	▪	.03							*	*	▪	*	*	.05					.08
BLAKESLEE CORNERS										.01	.01									.02	.09	.08	.04	.10	.35
BOSWELL		.02	.02											.04	.01	.01	.02	.01	.01	.02	.01				.17
BROOKVILLE 6x	*	.03	*	▪	*	*	*	.02	*	*	▪	▪	*	.02											.04
BUCKSTOWN	.11	.07	.08	.07	.06	.05	.05	.05	.04	.06	.01	.01	.03	.02	.02	.02	.01	.01	.01	.02	.02	.02	.01	.02	.87
CANTON 1 NW	.06	.04												*	*	*	*	*	*	*	*	*	*	*	*
CARTER CAMP	.01		.01			.01														.12	.06				.21
CHAMBERSBURG											.01			.03	.06	.06	.14	.08	.02	.06	.06	.08	.01		.61
CHARLEROI	.01	.01	.01																						.03
COALPORT				.01	.01				.01	.01															.04
COATESVILLE 1 SW																.47	.01	.01			.04	.27	.18	.07	1.05
CONFLUENCE DAM 1 SW									.01			.01	.05	.07	.02	.01	.01	.03	.09	.03	.02	.02			.37
CONNELLSVILLE 4 N										.01				.01				.01	.03	.01					.09
CRESSON 1 E				.01	.01	.07			.01				.01	.05	.02	.01	.01			.03	.01	.01			.25
DRIFTWOOD	.03		.01																						.04
DU BOIS 7 E	.02	.01	.01							.01															.05
DUNLO				.03								.07	.15	.19	.02	.01	.01	.03	.04	.04	.03	.01	.01		.64
DUSHORE		.04	.03	.01																					.08
EAGLES MERE	.05	.07	.03																						.15
ENGLISH CENTER						.01			.01				.18	.13	.07	.06	.05								.51
EVERETT																				.02	.01	.04	.01		.08
FORD CITY DAM 4 S //									.02	.01															.03
GETTYSBURG 1 S																	.01		.10	.14	.08		.03	.02	.38
GLENCOE													.10	.05	.07	.07	.08	.03							.40
GLEN ROCK																.02	.45	.33	.25	.19	.24	.01	.21	.05	1.75
GOOD SPRINGS 1 NW					.02	.10	.02	.38	.20	.05	.01									.01	.05	.04	.06	.02	.96
HARRISBURG 3 S WB AIRPORT									.02	.04	.01	.19	.04	.01				.01	.06	.04	.06	.08	.33	.09	.98
HAWLEY 1 S WALLEN DAM													.01	.01		.01	.08	.01		.02	.06		.01	.01	.22
HEWITT 2 S															.07	.23	.04	.06	.03	.02	.02	.01			.48
HOLLIDAYSBURG							.02			.01									.02	.05	.01	.02			.13
HOLTWOOD																			.04	.27	.03	.54	.51	.26	1.65
HONESDALE TANNERS FALLS //									.09	.04				.05									.02	.05	.25
HUNTSDALE FISH HATCHERY											.02			.02	.05	.02	.02	.02		.15	.11	.03	.06	.02	.52
JACKSON SUMMIT	.26	.06		.01	.01	.01																			.35
JOHNSTOWN 2				.19	.01										.03	.03	.02	.02							.30
KANE 5 SE																	.05	.01							.06
KIRKWOOD 1 SW																					.35	.37	.06	.22	1.00
LAMPETER SCS 1 A																.15	.44	.01	.78	.44	.50	.43	.17	.07	2.99
LANCASTER 2 NE FILTER PLANT																	.27	.20	1.40	.22	.18	.30	.14	.05	2.76
LAURELTON 2 N STATE VILLAGE	.32	.05								.01					.01		.60	.03	.04	.03	.02	.01	.06		1.18
LEBANON 3 SW										.01	.18	.17	.08	.06	.01			.07	.05	.38	.38	.06	.06	.01	1.52
LEHIGHTON										.12	.09									.01	.10	.08	.03	.14	.57
LEWISTOWN	.09		.01			.02	.01				.01						.12	.10	.08	.02	.01	.02	.04	.02	.55
LOCK HAVEN 2	.01																								.01
MARIENVILLE										.01			.01		.01	.05	.10								.18
MARTINSBURG														.14	.04		.02	.02	.06	.02	.06	.07	.02		.45
MARTINSBURG AIRPORT 6x	*	.25	*	*	*	*	*	.02							*	*	*	*	*	.15	*	*	*	*	.34
MEDIX RUN	.14	.01	.02	.02	.01	.01																			.21
MILAN	*	*	*	*	*	*	*	.35																	.35
MILLERSBURG 2 E						.02	.40	.17	.01		.01									.01	.03	.05	.11	.09	.90
MILLVILLE						.08														.01	.01	.02	.08		.20
MONROE FURNACE	.01							.03	.01						.28	.05	.01	.01	.02	.02	.03	.01	.01		.49
MOUNT POCONO 2 N WB AIRPORT //											.02									.01	.01	.05	.04	.11	.24
MOUNT UNION 1 NW //	.01			.02	.08											.01	.02	.47	.09	.01	.01	.01	.04	.01	.78
MURRYSVILLE	.01	.01	.01																						.03
NEFFS MILLS 4 NE				.03		.01		.01			.21	.04	.01		.01	.01	.04	.02		.01					.40
PALMERTON								*	*	*	▪	*	*	*	*	*	*	*	*	*	*	*	▪	▪	*
PHILADELPHIA WB AIRPORT																						.08	.04	.02	.14
PHILADELPHIA POINT BREEZE																							.06	.04	.10
PHILADELPHIA WB CITY																						.07	.04	.01	.12
PHILLIPSBURG WB AIRPORT	.01											.05	.03	.01	.01	.01	.01	.01		.01	.01	.01			.17
PHOENIXVILLE 1 E																	.08	.02			.04	.16	.28	.20	.78
PIKES CREEK																						.02	.07	.02	.11
PINE GROVE MILLS 1 S							.03	.01		.01				.14	.01	.01	.01	.01	.02	.01	.03	.01			.30
PITTSBURGH 7 SE WB AIRPORT //		.01					.01																		.02
PITTSBURGH WB CITY			.01																						.01
PLEASANT MOUNT 1 W																							.08	.02	.10
PORT CLINTON							.02	.18	.31	.19	.02	.01	.05	.03	.01				.09	.44	.06	.02	.17	.03	1.63
PUNXSUTAWNEY 2	.01	.01			.02	.01	.01	.01											.01	.01		.01		.01	.11
RAYMOND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
READING WB CITY																		.05	.17	.10	.20	.47	.21	.04	1.24
RENOVO 6 S STATE CAMP	.02	.01							.01	.01															.05
SAXTON																.02	.04	.10	.03	.01	.10				.30
SCRANTON WB CITY							.06	.01		.04	.09	.03									.01	.03	.06	.06	.39
SHADE GAP					.02	.01	.01				.01	.01		.01		.26	.20	.04	.01		.01	.01		.01	.61
SPRING GROVE																	.04	.50	.10	.18	.07	.03	.13	.02	1.07
STATE COLLEGE					.01		.01										.01	.01	.01	.01		.01			.07
STRONGSTOWN	.01		.01	.01	.01	.01	.01																		.06

See reference notes following Station Index

PENNSYLVANIA

MAY 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
STROUDSBURG									.05	.01							.02	.02	.02	.30	.30	.09	.12	.04	.97
SUNBURY	.12	.11	.01	.02	.06		.09	.03	.01									.01	.02	.03	.02	.03	.09	.09	.74
TAMAQUA 4 N STILL CREEK DAM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40	.40
TIONESTA 2 SE DAM //																.07	.04								.11
TOWANDA	.44	.30	.30																	.01	.08				1.13
TUNKHANNOCK 1 S AIRPORT			.01	.02			.01								.04										.08
TUNNELTON						.01	.01																		.02
TYRONE 4 NE BALD EAGLE						.04	.03			.02		.01			.03	.03	.04			.01	.01				.22
WASHINGTON			.01	.01		.01				.01	.01														.05
WELLSBORO 2 E	*	*	*	*	*	*	*	.36																	.36
WILLIAMSPORT 4 E WB AIRPORT 6x	*	.47	*	*	*	*	*	.08													*▲	*	*	*	.10
WIND GAP 3 SW											.02	.07	.01								.01	.03	.35	.22	.71
YORK 2 S FILTER PLANT																	.20	.07	.23	.18	.06	.82	.39	.01	1.96
													30th												
ALLENTOWN WB AIRPORT	.13	.03	.04	.11	.10	.01	.01																		.43
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BETHLEHEM LEHIGH UNIV	*	*	*	*	*	*	*	1.94																	1.94
BLAIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAKESLEE CORNERS	.06	.04	.02		.01																				.13
BUCKSTOWN	.01	.02	.01	.01	.02	.01	.01	.01	.02	.01	.04	.01		.01											.19
CANTON 1 NW	*	.04																							.14
COATESVILLE 1 SW	.10	.04	.03	.12	.09	.02		.01		.07	.03	.01	.04					.08	.71	.23	.10	.05	.02		1.75
GETTYSBURG 1 S			.01			.01				.01												.01	.04	.01	.03
GLEN ROCK	.04	.01																							.11
GOOD SPRINGS 1 NW	.01	.01																							.02
HARRISBURG 3 S WB AIRPORT	.03		.01	.01																					.05
HAWLEY 1 S WALLEN DAM	.05	.06	.07	.08	.08	.04			.01					.01											.40
HOLLIDAYSBURG									.01		.02														.03
HOLTWOOD		.02		.19	.21		.02	.03	.03																.50
HONESDALE TANNERS FALLS //	.03	.01	.04	.02																					.10
HUNTSDALE FISH HATCHERY	.01																								.01
KIRKWOOD 1 SW	.10		.10	.06					.14	.20							.27	.21	.12	.05	.02	.03			1.30
LAMPETER SCS 1 A	.01	.01	.01	.01	.05														.02	.03	.03	.02			.09
LANCASTER 2 NE FILTER PLANT		.01																							.11
LEBANON 3 SW	.01																								.01
LEHIGHTON	.02	.02																				.05	.01		.04
MARTINSBURG																				*	*	*	*	*	.06
MARTINSBURG AIRPORT 6x	*	.17																							.01
MILLERSBURG 2 E	.05	.05	.04	*	*	*	*	*	.30																.44
MILLVILLE	.04	.01	.01	.02		.01	.01																		.10
MOUNT POCONO 2 N WB AIRPORT //	.07	.06	.01	.01																					.15
PALMERTON	*	*	*	*	*	*	*	.93																	.93
PHILADELPHIA WB AIRPORT	.01							.02	.04	.66	.30	.01							.07	.05	.04	.05	.05	.04	1.40
PHILADELPHIA POINT BREEZE	.02										.06	.44	.02		.01					.05	.06	.02	.06	.05	.02	.01	.82
PHILADELPHIA WB CITY										.06	.29	.10		.02	.05		.03	.08	.01	.06	.06	.02	.01	.02	.81
PHOENIXVILLE 1 E	.05	.04			.02	.08	.10				.07	.03		.01			.02	.10	.18	.06	.04	.01	.07		.88
PIKES CREEK	.03	.05																							.08
PINE GROVE MILLS 1 S	.01																								.01
PLEASANT MOUNT 1 W			.01																						.01
PORT CLINTON	.05		.02																						.07
PUNXSUTAWNEY 2	.01	.01		.01		.01																			.04
RAYMOND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
READING WB CITY	.04	.05	.03	.03	.04	.01														.01	.01	.02			.24
SAXTON		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SCANDIA																			.04	.01					.05
SCRANTON WB CITY	.07	.01	.03	.01																					.12
SELLERSVILLE 2 NW	.10	.01	.01	.08	.04	.14					.01		.01					.10	.12	.06	.03	.10	.01		.82
SHADE GAP									.01			.01			.01							.05	.01		.03
SPRING GROVE	.02																								.08
STROUDSBURG				.01			.01																		.02
SUNBURY	.03	.02	.01																						.06
TAMAQUA 4 N STILL CREEK DAM	.02	.02	.02																						.06
WILLIAMSPORT 4 E WB AIRPORT 6x	*	.02																							
WIND GAP 3 SW	.08	.75	.17	.02	.01																.01	.17	.01	.01	1.03
YORK 2 S FILTER PLANT																									.20
													31st												
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIRSVILLE 6 ENE 6x									*	*	*	*	*	.12											.12
CONFLUENCE DAM 1 SW															.01	.01									.02
CONNELLSVILLE 4 N											.13	.02													.15
GLEN ROCK	.03																								.03
GREENSBURG 2 E HWY SHED									.02	.01															.03
LAMPETER SCS 1 A																		.01	.02	.03	.03				.09
MARTINSBURG AIRPORT 6x	*	.01																							
PHILADELPHIA AIRPORT	.04	.01				.02																			.07
PHILADELPHIA POINT BREEZE	.02	.02					.01	.01																	.06
PHILADELPHIA WB CITY	.02					.01																			.03
PHOENIXVILLE 1 E				.01																					.01
PITTSBURGH 7 SE WB AIRPORT //								.02	.02																.04
PITTSBURGH WB CITY						.01	.01																		.02
RAYMOND	-	-	-	-	-	-	-																		-
SAXTON	*	*	*	*	*	*	.02																		.02
TUNNELTON //									.01	.03	.02														.06

See reference notes following Station Index

TABLE 5

DAILY TEMPERATURES (° FAHRENHEIT)

PENNSYLVANIA

MAY 1942

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION	MAX	56	67	62	65	65	68	67	56	70	67	66	62	66	66	81	78	61	62	57	73	65	62	57	64	64	63	72	81	79	68	70	66.5
	MIN	35	35	36	42	43	38	45	34	40	43	48	48	42	45	43	45	47	46	33	32	35	38	38	35	30	34	38	36	40	38	40	39.4
ALLENTOWN WB AIRPORT	MAX	67	72	55	68	55	67	52	53	76	86	90	89	63	55	69	58	74	64	66	68	76	62	81	78	69	75	79	80	76	76	69	69.9
	MIN	46	38	47	42	47	41	45	40	33	54	59	58	50	48	48	50	55	52	45	42	46	41	42	52	57	52	54	58	61	63	59	49.2
ALLENTOWN GAS CO	MAX	69	68	73	55	69	57	67	51	55	72	87	90	89	67	59	70	64	75	64	66	69	78	63	78	77	69	72	80	79	76	71	70.3
	MIN	46	39	43	44	45	43	46	45	34	41	60	62	59	48	49	49	52	52	47	43	48	43	44	52	57	53	55	58	62	64	60	49.8
ALTOONA HORSESHOE CURVE	MAX	64	65	54	63	62	60	56	56	80	83	90	84	66	60	69	66	64	63	63	64	73	64	79	75	74	72	74	75	70	74	69	68.7
	MIN	41	34	50	45	45	46	45	37	34	56	57	57	56	53	42	49	47	46	40	36	50	37	48	42	43	44	52	60	58	56	53	47.1
ARENDTSVILLE	MAX		68	67	55	64	54	63	52	64	81	87	92	88	69	71	74	64	75	68	69	69	79	69	82	78	79	71	76	81	71	76	71.9
	MIN	46	44	52	41	45	44	45	43	36	50	55	57	63	50	45	49	52	51	47	43	51	42	43	49	58	54	53	59	63	63	57	50.0
AVOCA WILKES-BARRE AP	MAX	61	70	58	68	55	70	51	45	75	79	91	80	59	53	66	57	72	56	58	64	73	60	75	73	71	75	79	79	74	74	78	67.7
	MIN	37	35	47	39	46	41	45	41	35	60	57	59	50	46	47	51	54	48	43	42	44	42	44	54	52	45	50	63	63	58	52	48.1
BELLEFONTE PRISON FARM	MAX	69	59	58	65	55	63	52	62	80	81	84	90		71	66	61	64	61	68	67	73	66	79	75	75	75	76	79	76	76	75	70.0
	MIN	45	42	45	48	52	51	52	37	45	54	66	66	55	54	51	43	40	42	42	36	49	41	45	51	45	49	49	56	59	59	59	49.3
BERWICK	MAX	69	72	71	69	69	71	69	53	77	82	92	91	70	59	70	70	73	68	66	67	77	76	80	74	74	79	79	81	79	76	79	73.6
	MIN	44	36	48	43	49	40	45	42	32	58	57	62	57	48	49	50	57	51	45	40	47	41	42	54	55	48	40	63	64	61	51	49.3
BETHLEHEM LEHIGH UNIV	MAX	67	70	54	67	54	67	49	52	77	88	93	89	64	55	70	59	74	61	65	67	78	62	77	79	66	72	79	78	77	74	65	69.3
	MIN	48	42	46	44	45	45	43	42	36	61	60	65	48	47	49	51	57	52	46	46	46	42	47	54	59	55	56	58	62	63	62	50.9
BLAIRSVILLE 6 ENE	MAX	61	66	57	66	59	65	58	54	76	77	84	77	67	56	65	63	60	60	59	66	69	61	75	64	66	72	77	76	69	72	67	66.6
	MIN	42	42	46	38	43	42	37	32	42	64	60	60		48	42	53	47	44	41	56	40	33	46	42	48	43	52	58	58	54	49	46.7
BRADFORD 4 W RES NO 1	MAX	60	67	66	64	62	64	62	52	70	73	83	82	62	54	67	69	69	56	55	61	64	58	59	61	63	71	76	76	78	72	70	66.0
	MIN	31	26	47	28	48	42	40	33	27	53	49	53	51	48	38	50	44	46	31	30	42	36	43	38	29	30	37	49	55	49	36	40.6
BROOKVILLE	MAX	66	69	65	67	63	65	54	51	75	77	84	75	67	59	68	69	61	59	60	66	70	62	70	65	68	74	75	78	75	75	74	67.9
	MIN	38	30	44	35	43	43	40	32	30	60	58	52	56	46	35	55	49	47	38	32	41	35	48	41	32	34	45	55	57	52	50	43.6
BURNT CABINS 2 NE	MAX	72	68	54	64	52	65	55	62	80	89	91	89	74	66	72	61	73	66	66	68	80	68	80	82	77	76	77	83	79	76	77	72.3
	MIN	40	33	42	40	43	40	43	39	32	54	50	58	52	48	44	50	45	45	44	31	47	40	43	44	40	44	48	58	61	59	47	45.3
BUTLER	MAX	64	70	70	69	62	66	70	60	78	76	83	88	79	69	69	75	65	63	65	66	73	74	77	78	65	70	79	84	80	85	82	72.7
	MIN	41	40	34	34	46	35	52	37	40	34	57	55	60	52	39	48	49	47	43	34	60	37	43	45	33	35	46	60	50	43	41	44.2
CANTON 1 NW	MAX		61	67	60	66	50	63	48	60	70	77	87	74	61	54	68	57	65	54	57	58	62	58	58	67	65	72	78	69	70	72	64.3
	MIN	33	31	37	35	41	36	41	37	30	31	51	56	50	46	42	42	48	46	36	35	39	38	39	47	45	39	44	42	46	47	43	41.1
CARLISLE	MAX	72	70	60	67	63	65	60	62	80	90	92	89	78	65	72	65	75	68	70	70	80	76	82	78	75	74	77	81	75	74	78	73.6
	MIN	49	36	48	42	48	45	43	42	34	51	55	59	54	48	46	54	54	49	45	43	48	42	42	50	53	51	52	60	63	60	53	49.0
CHAMBERSBURG	MAX	71	69	55	62	56	65	55	63	78	87	87	85	70	69	73	62	73	70	70	72	78	70	80	80	78	76	77	81	79	76	79	72.5
	MIN	44	41	48	42	43	39	45	42	38	54	53	62	54	51	48	54	50	51	46	36	50	42	45	50	52	52	52	56	61	62	55	49.0
CLARION DAM 3 SW	MAX	68	69	70	66	63	67	59	54	78	81	87	75	67	62	72	73	66	63	61	70	71	65	70	64	70	77	87	77	76	80	74	70.4
	MIN	38	31	50	31	46	35	39	34	30	55	50	50	54	49	55	55	50	53	34	29	44	34	42	38	31	32	42	53	58	49	49	43.2
CLAYSVILLE	MAX	61	63	65	66	65	71	63	60	78	82	86	83	68	65	67	69	67	66	62	71	75	64	78	67	68	73	83	79	73	75	71	70.5
	MIN	39	39	50	34	33	37	44	35	37	54	54	55	61	53	42	51	50	49	44	32	58	34	51	38	35	35	51	60	60	49	46	45.5
COALPORT	MAX		66	68	57	66	54	65	56	55	78	80	88	84	70	58	71	68	64	62	63	65	74	67	78	72	74	76	77	78	76	79	69.6
	MIN	37	29	30	32	48	43	44	37	29	38	52	51	52	55	37	37	47	43	38	30	31	35	35	40	34	32	34	48	56	55	49	55.1
COATESVILLE 1 SW	MAX	68	70	54	68	53	68	51	59	73	85	90	87	67	66	70	68	76	65	67	66	79	65	78	77	69	68	78	80	85	72	72	70.8
	MIN	38	38	49	39	46	46	46	44	32	44	54	56	65	49	45	45	58	52	47	42	49	40	42	48	57	58	58	58	58	58	59	49.0
COLUMBIA	MAX	70	71	67	69	63	70	64	64	78	88	93	92	78	66	74	65	75	67	72	69	82	68	82	79	74	70	80	81	76	76	80	74.3
	MIN	45	41	49	43	50	47	46	40	35	52	55	59	58	50	46	53	57	52	48	49	50	45	46	54	55	57	59	60	63	64	58	40.6
CONFLUENCE DAM 1 SW	MAX	60	61	67	56	65	61	65	60	60	79	83	88	87	72	60	69	62	64	65	62	67	72	64	80	74	72	75		80	72	75	69.2
	MIN	42	36	40	43	47	39	40	38	38	44	51	53	57	56	45	48	49	48	46	33	36	38	39	42	41	40	44	45	56	58	52	44.6
CORRY	MAX	64	73	65	56	65	70	64	44	71	75	84	82	68	58	70	72	71	57	57	68	68	65	69	60	62	72	80	80	78	74	70	68.5
	MIN	40	31	46	31	45	34	41	33	41	55	50	57	52	48	38	54	49	46	36	36	44	36	50	43	32	34	42	57	56	44	45	43.4
COUDERSPORT	MAX	63	58	64	68	64	66	65	49	74	76	86	85						49	59	60	69	58	61	67	68	75	77	77	77	75	73	67.8
	MIN	36	31	44	28	47	45	43	32	26	52	36	48						40	33	28	33	34	38	43	34	35	40	51	58	53	44	39.7
CURWENSVILLE 6 NW	MAX	65	65	54	61	51	61	48	48	74	77	84	75	63	55	66	64	60	56	61	64	71	61	71	67	69	71	71	70	71	74	73	65.2
	MIN	35	37	41	41	43	43	36	31	30	61	51	54	52	41	39	50	43	41	35	30	37	32	46	42	40	43	48	56	55	54	50	43.1
DERRY	MAX	64	68	61	69	62	67	63	59	80	85	85	81	72	66	70	66	65	66	63	69	66	67	70	69	71	77	80	79	71	77	75	70.4
	MIN	44	39	55	54	46	37	45	38	38	55	61	59	62	53	44	57	52	49	45	36	50	38	38	37	40	40	53	65	61	57	53	48.4
DONEGAL	MAX	58	65	53	64	58	62	58	54	75	80	84	80	68	57	65	62	62	60	58	64	72	60	76	65	65	72	75	74	69	72	63	66.1
	MIN	38	32	44	42	39	32	36	33	34	50	48	52	55	47	40	44	44	44	40	27	40	33	40	37	36	37	46	54	56	50	49	41.9
DONORA	MAX	64	69	60	69	68	71	64	73	87	85	91	86	74	67	72	70	67	69	66	74	78	66	82	71	72	77	83	84	74	82	74	73.8
	MIN	45	42	53	41	49	42	56	40	44	57	58	60	63	55	48	58	53	52	46	39	50	41	52	46	43	47	56	67	64	56	55	50.9
EAGLES MERE	MAX		64		55	59	48	63	46	41	69	76	86	80	62	50	67	57	66	53	59	59	70	56	70	67	68	72	73	69	69	68	63.9
	MIN	35	35	35	40	40	39	39	34	33	36	38	57	51	45	40	40	51	45	35	34	34	35	37	47	45	44	44	52	59	51	48	41.9
EAST WATERFORD 3 E	MAX	64	61	50	56	52	56	51	52	73	83	88	85	62	53	65	58	65	56	61	62	70	62	76	72	70	71	71	72	67	69	72	65.3
	MIN	47	44	44	44	44	41	40	36	44	61	68	60	50	46	44	52	50	45	42	38	45	36	49	50	48	49	54	58	58	58	52	48.3
EBENSBURG	MAX		59	60	53	63	54	60	53	65	75	77	84	80	69	54	65	62	59	59	57	61	69	65	73	67	69	72	74	72	72	74	65.9
	MIN	40	37	50	44	43	39	44	32	34	57	55	58	59	49	40	49	45	43	38	33	48	32	43	40	38	42	50	55	57	53	47	45.0
EMPORIUM	MAX	66	71	65	67	53	67	53	50	80	82	88	75	67	61	73	72	68	58	65	68	72	66	65	71	73	78	80	76	78	78	77	69.8
	MIN	42	28	36	32	37	45	45	35	30	36	52	51	54	52	41	52	48	42	33	27	38	33	43	44	36	35	42	47	58	58	40	41.7
EPHRATA	MAX	68	70	55	67	66	68	53	58	77	85	93	89	71	65	73	63	76	65	70	69	77	68	78	77	74	69	80	81	75	77	78	72.1
	MIN	48	43	49	43	49	46	45	43	37	58	59	62	55	49	48	53	58	48	46	45	43	41	46	55	56	56	59	61	62	62	54	50.9
ERIE WB CITY	MAX	58	63	58	59	57	70	70	49	63	61	69	54	55	60	68	73	58	59	54	68	62	61	58	56	61	65	73	73	66	63	67	62.3
	MIN	45	46	45	43	44	48	30	30	44	44	49	49	48	48	45	52	51	48	44	44	43	42	49	47	44	46	52	61	55	49	51	46.3

See reference notes following Station Index

PENNSYLVANIA
MAY 1948

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EVERETT	MAX	68	69	59	61	55	63	53	60	83	87	92	91	77	77	74	72	70	66	65	67	78	65	84	80	76	78	75	82	75	75	74	72.6
	MIN	41	33	44	45	41	42	44	40	35	46	51	57	55	53	49	48	42	47	48	43	47	41	43	47	47	47	54	52	60	60	52	46.9
FARRELL SHARON	MAX	70	72	67	68	67	71	71	59	76	80	86	85	71	69	73	76	75	65	65	77	85	70	72	66	68	75	81	81	81	76	71	73.2
	MIN	47	43	51	40	49	43	49	40	42	64	60	63	57	55	47	57	55	51	45	39	49	42	49	39	39	41	51	65	60	52	52	49.5
FORD CITY DAM 4 S	MAX		66	68	63	67	64	68	60	58	78	81	86	79	70	63	70	71	62	64	62	70	66	66	76	65	69	77	80	78	75	79	70.2
	MIN	40	38	39	35	39	36	41	37	34	41	53	53	57	52	41	45	47	47	39	32	39	35	41	44	35	35	43	52	59	50	53	43.0
FRANKLIN	MAX		66	70	68	66	66	67	61	52	77	80	85	72	64	63	71	74	60	62	59	72	70	65	67	62	65	75	78	79	79	76	68.9
	MIN	40	34	36	35	37	38	38	37	33	39	53	54	57	51	40	40	50	49	40	34	37	37	41	41	34	37	39	48	59	49	48	42.1
FREDERICKSVILLE 1 SE	MAX	65	68	65	66	62	65	58	54	74	85	89	85	69	56	63	60	78	61	64	65	75	70	76	74	68	74	76	76	73	74	68	69.5
	MIN	49	51	46	49	46	48	40	40	32	69	73	69	54	50	47	44	57	50	44	37	46	38	40	50	55	52	54	58	57	63	56	50.5
FREELAND	MAX	62	66	64	59	62	59	52	69	79	89	83	63	57	64	63	67	63	58	70	65	60	66	72	70	70	70	72	72	72	71	73	67.2
	MIN	39	37	37	41	39	39	34	36	57	58	60	48	42	41	47	50	45	38	41	37	38	35	47	48	46	45	52	57	57	54	67	45.5
GEORGE SCHOOL	MAX	68	70	59	67	59	66	60	56	76	85	89	87	76	59	70	67	77	66	67	69	77	65	75	78	69	65	76	80	80	74	75	71.2
	MIN	43	38	45	38	45	41	43	44	30	59	58	60	50	46	45	45	57	51	44	42	48	41	47	49	55	55	55	55	57	61	60	48.6
GETTYSBURG	MAX	67	68	68	53	65	55	64	54	64	81	88	92	88	70	69	73	62	74	68	69	69	80	69	80	80	73	70	76	80	76	76	71.6
	MIN	52	45	53	45	48	45	46	45	40	56	58	63	66	51	50	57	56	53	49	46	55	44	48	51	58	56	56	62	65	65	57	52.9
GORDON	MAX	66	76	63	69	61	69	61	53	76	84	91	87	67	57	71	67	71	65	65	65	77	70	80	75	74	74	78	78	73	75	78	71.5
	MIN	42	30	47	44	47	39	44	40	38	53	51	59	54	47	45	43	55	48	43	36	46	39	36	50	50	44	45	55	58	58	50	46.3
GREENSBURG 2 S FILTER STA	MAX	64	69	60	70	65	70	64	60	80	82	87	86	80	70	70	67	67	67	65	69	75	65	78	73	71	76	81	80	72	78	78	72.2
	MIN	33	35	53	42	48	35	47	39	33	48	50	52	59	54	39	51	48	48	42	31	51	38	44	38	33	37	41	56	60	52	49	54.7
GREENVILLE	MAX	66	71	65	64	65	70	65	56	75	80	86	74	66	64	72	75	69	63	61	73	73	66	67	62	64	73	82	80	74	73	71	69.8
	MIN	34	34	49	30	43	34	42	34	30	56	49	54	53	47	34	53	47	46	35	29	50	33	45	32	29	31	41	54	54	50	53	42.1
HANOVER	MAX		69	70	55	67	55	56	54	64	80	89	92	88	68	67	71	69	74	66	69	69	79	68	80	78	72	67	76	79	77	75	71.4
	MIN	44	42	45	43	45	43	46	43	42	52	61	65	65	50	48	54	56	51	47	43	50	42	46	52	58	58	58	61	61	64	55	51.3
HARRISBURG 3 S WB AIRPORT	MAX	68	68	56	66	55	64	51	60	80	88	92	88	67	64	74	63	71	64	68	66	77	68	80	75	75	71	76	80	71	76	78	71.0
	MIN	53	42	45	42	47	46	46	43	39	58	57	64	52	50	52	57	56	51	49	45	50	44	48	54	57	55	56	60	64	64	57	51.7
HAWLEY	MAX	63	73	65	73	59	71	57	48	74	81	92	85	65	52	68	53	73	62	61	65	74	58	74	75	69	76	80	80	70	73	67	68.9
	MIN	30	28	49	35	45	35	45	42	34	55	53	62	49	45	44	40	51	47	37	36	45	42	37	52	51	41	46	58	58	58	54	45.3
HAWLEY 1 S WALLEN DAM	MAX		57	68	59	67	49	67	48	45	69	78	88	78	55	51	64	55	69	57	55	59	70	55	72	69	68	73	76	76	69	71	64.6
	MIN	30	24	26	32	37	32	35	37	34	36	48	48	50	40	40	38	45	46	36	36	38	36	38	47	46	36	39	42	57	55	51	39.8
HEWITT 2 S	MAX	69	63	62	63	63	61	60	62	84	88	91	89	78	68	72	61	71	69		68	76	66	84	76	75	74	75	81	80	70	71	72.3
	MIN	39	48	42	47	51	40	47	42		50	50	53	57	50	42	45	45	50		41	41	40	37	39	39	38	37	50	51	48	49	45.1
HOLTWOOD	MAX	62	66	55	66	55	64	53	63	76	84	82	85	67	64	72	65	72	65	68	64	77	64	75	77	72	66	76	77	75	72	75	69.5
	MIN	52	46	51	46	50	50	48	46	45	55	57	61	55	52	52	57	57	55	48	46	52	48	50	61	58	60	63	64	64	64	61	54.0
HUNTINGDON	MAX	63		70	55	65	54	63	53		83	86	92	89	69	63		73	70	65	67	69	76		83	80	77	77	77	78			71.9
	MIN	47		32	46	49	46	47	43		32	50	56	54	53	44		45	49	49	34	35	42		43	42	44	49	55	62			45.9
INDIANA 2 SE	MAX	65	69	59	68	62	66	61	58	79	79	86	80	71	66	69	66	67	64	63	68	73	64	78	70	70	75	79	79	74	79	75	70.4
	MIN	36		51	42	46	37	43	37	31	50	51	52	60	52	38	49	45	46	38	29	47	34	42	30	38	32	46	57	59	52	50	44.0
INDIANA	MAX	64	67	58																				78	69	69	75	79	80	72	76	87	
	MIN	40	42	53	43	46	30	47	36	37	59	57	57	54	50	42	54	47	47	42	33	34	33	43	41	40	43	65	60	61	54	52	46.5
IRWIN	MAX	61	68	58	68	67	67	66	60	79	82	86	86	79	70	67	69	68	63	63	70	71	70	77	72	70	77	82	82	76	74	73	71.6
	MIN	40	38	53	37	46	37	49	38	38	54	55	57	60	52	42	55	50	50	44	35	56	38	48	41	37	39	50	61	61	55	51	47.3
JAMESTOWN 2 NW DAM	MAX		65	70	63	65	65	67	59	55	75	78	84	66	66	63	72	76	59	62	57	72	69	68	65	60	64	71	80	79	70	69	67.8
	MIN	37	38	47	32	40	38	41	36	33	48	51	55	53	49	37	47	49	47	38	31	43	33	43	32	33	34	42	52	54	45	46	42.1
JOHNSTOWN 1	MAX	64	69	68	57	67	63	65	59	58	82	85	91	87	77	60	72	67	66	65	64	70	75	66	82	75	76	78	78	80	76	79	71.6
	MIN	48	39	55	45	48	42	46	39	39	53	55	59	64	56	50	52	50	50	47	37	53	41	43	46	44	44	52	57	61	60	55	49.4
KANE	MAX	63	69	68	62	55	69	55	42	73	78	86	68	59	54	68	71	59	55	52	62	66	62	57	64	68	75	77	77	78	73	72	65.7
	MIN	30	25	35	26	43	41	36	28	26	52	48	49	51	45	34	48	43	43	29	26	37	36	43	32	29	31	35	37	54	42	35	37.7
LANCASTER 2 NE PUMP STN	MAX	71	70	67	67	67	66	63	63	77	88	91	88	87	65	74	70	75	66	73	71	80	74	78	76	74	71	77	78	76	76	76	74.0
	MIN	40	35	49	41	48	41	44	42	33	51	51	55	57	49	45	47	56	50	43	41	48	43	42	52	52	53	58	56	60	62	53	48.3
LAWRENCEVILLE	MAX	64	71	66	70	64	68	61	51	72	77	91	77	59	56	68	66	70	60	59	60	70	60	58	70	69	76	80	78	77	73	74	68.2
	MIN	30	28	47	31	50	38	46	40	30	54	51	55	52	50	46	48	45	50	40	32	44	40	44	50	43	40	45	54	59	57	40	44.5
LEBANON	MAX	68	70	52	68	55	66	53	59	77	87	91	89	67	63	71	63	73	64	69	67	79	67	80	77	75	72	75	80	71	80	79	71.2
	MIN	46	40	50	42	45	47	45	44	36	43	59	61	60	49	49	52	58	50	48	43	50	43	46	53	57	53	58	60	60	62	58	50.5
LOCK HAVEN 1	MAX	71	75	72	70	72	80	82	74	78	84	87	89	83	76	79	83	80	78	75	78	76	75	79	83	81	80	82	87	84	81		79.1
	MIN	34	36	33	37	39	44	42	35	37	43	40	48	49	45	46	40	43	40	45	36	45	37	48	47	44	42	52	54	62	35		42.8
MARCUS HOOK	MAX	71	76	74	55	69	55	72	55	65	78	82	91	85	66	65	76	71	81	71	69	75	72	72	77	80	71	68	81	82	82	74	73.0
	MIN	48	50	51	48	50	50	48	47	52	52	61	63	65	53	53	55	61	56	52	50	49	46	52	53	62	60	62	59	62	62	66	54.7
MARTINSBURG AIRPORT	MAX	63	65	54	62	51	60	51	55	79	80	86	83	69	60	67	62	63	63	61	62	70	60	77	75	72	73	74	76	73	75	66	67.3
	MIN	45	39	46	45	45	44	41	38	38	57	56	60	55	50	45	50	49	46	44	39	43	38	49	44	45	47	51	59	58	57	51	47.5
MAUCH CHUNK 1 SW	MAX	65	68	67	67	67	66	66	46	68	85	89	89	82	55	68	62	73	68		67	75	73	77	77	75	70		77		77	74	71.2
	MIN	40	32	48	39	47	40	44	42	31	49	53	54	50	46	45	42	53	48		38	47	38	36	61	52	42		45		58	55	45.5
MEADVILLE 1 S	MAX		64	70	65	56	66	69	61	50	72	78	84	68	66	64	71	75	66	63	58	73	69	65	61	61	63	72	79	78	75	71	67.8
	MIN	35	34	47	32	41	36	48	34	31	44	51	57	55	49	39	42	49	47	36	29	44	34	43	37	33	34	38	53	55	45	37	41.6
MERCER WB AIRPORT	MAX	63	67	65	63	62	67	59	54	73	78	84	69	62	61	69	73	60	61	56	69	68	63	67	60	63	70	77	78	74	72	68	66.9
	MIN	42	40	40	33	42	39	38	31	33	60	52	56	50	47	36	51	48	45	37	35	40	39	40	32	35	37	48	58	52	47	46	42.9
MIDDLETOWN OLMSTED FLD	MAX	68	69	56	68	55	65	52	54	80	87	90	88	70	63	71	63	71	67	69	68	79	67	79	78	73	70	76	79	72	76	79	71.0
	MIN	51	41	43	43	46	47	45	40	37	61	57	66	51	50	52	58	57	52	50	47	50	45	51	52	57	54	57	60	65	64	60	51.8
MIDLAND DAM NO 7	MAX	65	68	66	67	65	71	63	58	79	80	85	75	70	65	71	73	63	66	61	73	72	65	77	65	65	73	81	80	75	75	71	70.4
	MIN	42	44	46	40	42	40	38	35	38	56	55	56	56	52	45	58	48	46	43	37	47	38	50	43	38	53	47	60	60	51	53	47.0

See reference notes following Station Index

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

PENNSYLVANIA

MAY 1942

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONTROSE 3 E HIGHWAY SHED	MAX		56	67	65	67	49	66	46	41	70	72	86	69	54	50	64	54	68	57	53	56	69	55	59	67	68	74	77	75	73	70	63.2
	MIN	32	32	36	37	41	37	40	39	33	37	54	56	53	43	40	41	45	48	36	35	39	36	39	45	46	39	44	52	56	53	45	43.3
MOUNT POCONO 2 N WB AP	MAX	58	65	57	65	49	65	46	44	69	79	85	80	54	49	63	52	69	55	55	60	70	54	72	70	64	72	73	73	70	70	66	63.6
	MIN	31	30	41	38	40	34	40	37	31	56	54	54	44	41	42	41	50	43	37	35	38	37	39	47	46	44	44	56	57	56	50	43.0
NEFFS MILLS 4 NE	MAX	65	68	68	54	66	53	62	52	58	82	83	71	85	65	62	72	62	70	63	66	69	76	67	82	77	75	75	76	76	77	79	69.9
	MIN	48	30	48	44	49	46	45	41	30	46	50	55	61	52	47	47	51	50	45	31	48	40	39	39	45	44	44	54	59	59	53	46.5
NEWBURG 3 W	MAX	62	60	44	56	46	56	46	50	70	80	82	82	61	62	68	53	63	58	58	60	70	60	72	70	70	68	70	74	66	68	72	63.8
	MIN	38	30	38	36	40	34	38	34	30	43	49	53	44	42	44	44	40	42	38	36	38	32	34	40	44	44	46	54	56	52	42	41.1
NEW CASTLE 1 N	MAX	66	68	67	65	66	70	62	58	77	82	87	72	69	63	72	76	63	66	61	73	76	68	72	65	67	75	81	83	78	75	69	70.7
	MIN	35	36	46	34	45	38	41	37	35	62	54	58	54	51	40	56	51	49	39	37	45	34	47	36	32	34	43	58	57	46	48	44.5
NEWELL	MAX	68	69	60	69	66	73	63	60	82	85	89	86	73	60	70	68	60	68	64	67	75	75	79	72	71	82	82	81	70	78	70	72.1
	MIN	41	56	54	42	48		40	41	40	61	55	61	61	48	56	46	51	48	35	35	40	40	45	45	45	45	59	62	62	55	52	49.0
PALMERTON	MAX	66	67	55	67	55	65	52	51	76	85	89	86	60	51	69	55	74	60	63	65	75	61	77	74	70	70	76	76	69	73	71	67.8
	MIN	44	35	47	43	46	45	45	38	32	58	58	60	48	46	47	51	54	51	41	39	46	42	41	54	53	48	52	62	62	62	56	48.6
PARK PLACE 1 NW WB AP	MAX	62	65	48	64	55	63	47	45	70	81	86	84	61	52	65	56	66	55	60	62	72	56	75	70	69	69	72	72	68	71	73	69.4
	MIN	41	41	43	41	41	39	38	36	37	56	61	59	45	42	42	46	49	46	39	39	38	34	45	49	48	46	52	58	57	56	49	48.7
PHILADELPHIA WB AIRPORT	MAX	70	72	53	69	55	68	53	61	78	85	90	87	68	63	72	70	79	67	68	68	81	64	78	79	66	66	78	83	81	72	68	71.4
	MIN	45	46	48	43	48	49	46	44	40	60	58	64	51	50	50	52	59	55	50	48	51	45	50	53	59	60	59	58	60	64	63	52.5
PHILADELPHIA POINT BREEZE	MAX	68	73	54	67	57	67	53	59	77	82	88	84	71	62	69	70	76	66	67	67	79	63	76	80	66	67	77	81	81	72	67	70.5
	MIN	51	52	48	47	49	49	47	48	48	62	64	65	52	50	51	55	60	56	52	51	52	47	53	57	61	60	61	58	62	66	65	54.8
PHILADELPHIA SHAWMONT	MAX	67	72	70	68	68	67	65	52	78	85	89	88	84	60	70	69	77	68	67	69	79	75	77	78	76	66	77	79	80	71	69	72.9
	MIN	40	40	48	40	49	45	46	35	35	59	56	61	55	49	46	47	59	54	48	40	50	45	50	51	60	60	58	57	62	67	62	50.8
PHILADELPHIA WB CITY	MAX	68	71	55	67	55	66	53	59	77	83	88	84	68	62	70	70	77	66	67	68	79	64	76	79	66	66	76	79	80	69	67	70.2
	MIN	51	50	48	49	49	48	46	48	45	61	65	65	52	50	53	55	61	55	50	50	51	46	52	53	60	60	59	57	60	64	63	54.1
PHOENIXVILLE 1 E	MAX	72	72	65	70	65	68		59	79	88	93	94	86	66	79	78	85	78	75	74	85	79	85	83	78	69	79	81	82	74	70	77.0
	MIN	42	35	48	40	48	42		44	31	59	54	59	55	50	43	44	59	51	46	39	49	40	49	49	60	59	57	57	60	64	58	49.7
PITTSBURGH 7 SE WB AP	MAX	64	65	63	65	65	69	60	60	80	81	89	82	70	60	69	69	63	66	63	70	74	65	78	68	69	75	81	79	72	79	72	70.5
	MIN	45	42	51	42	46	46	41	38	47	60	61	61	58	52	46	56	49	50	45	40	43	38	49	45	42	44	56	62	60	53	52	49.0
PITTSBURGH WB CITY	MAX	66	67	65	66	66	71	62	62	81	84	89	82	71	62	72	71	67	67	63	74	66	68	80	68	70	77	81	80	76	79	74	72.2
	MIN	48	47	52	44	48	45	44	40	44	63	64	64	58	54	50	59	53	53	47	43	45	41	52	48	45	48	57	66	65	55	57	51.6
PORT CLINTON	MAX	65	68	50	52	65	52	65	50	59	74	87	90	85	61	57	70	60	72	62	66	66	77	63	77	75	72	70	76	76	75	76	68.2
	MIN	45	34	49	42	45	42	42	45	30	45	55	58	60	48	46	45	54	51	46	39	43	43	39	42	56	46	50	60	60	60	56	47.6
PUTNEYVILLE DAM 2 SE	MAX		65	60	65	69	63	66	64	55	76	80	85	78	70	59	57	72	63	63	62	69	72	53	74	65	70	76		78	74	78	68.3
	MIN	36	32	39	33	35	37	43	32	29	39	51	51	53	48	46	51	44	43	36	29	31	32	35	39	29	32	39		56	49	47	39.9
QUAKERTOWN	MAX	66	70	67	68	65	66	63	53	74	85	88	85	74	57	68	67	74	66	64	67	76	72	75	79	77	69	80	77	79	74	69	71.4
	MIN	42	33	45	35	44	39	43	44	30	51	53	59	51	45	41	44	57	50	44	47	46	39	42	47	55	52	50	56	57	63	54	47.0
READING WB CITY	MAX	69	70	55	68	54	69	52	57	78	90	93	90	66	62	70	65	75	63	68	68	79	64	78	77	72	70	78	80	75	77	72	71.1
	MIN	51	43	48	44	48	49	46	46	38	65	61	66	52	50	52	52	58	54	49	47	49	43	53	55	60	57	59	62	63	64	60	53.0
RETREAT FARMS	MAX	65	70	65	70	65	70	64	51	75	83	92	88	63	55	70	71	72	62	62	64	65	72	76	73	72	77	78	78	75	72	77	70.7
	MIN	39	32	47	40	47	41	44	41	38	55	55	58	54	47	46	46	53	50	41	38	38	41	41	52	50	43	47	57	60	58	59	47.0
RIDGWAY	MAX	48	69	72	68	66	54	66	54	49	77	80	87	74	63	61	72	74	64	60	62	67	72	65	64	68	72	78	79	76	77	78	68.3
	MIN	37	29	39	32	37	42	37	34	28	34	51	49	54	53	35	49	47	43	33	31	41	38	42	42	34	35	42	50	58	55	40	41.0
RINGTOWN 1 SW	MAX	62	74	52	47	46	76	50	72	74	86	90	82	72	61	70	60	62	59	65	80	62	63	80	74	74	72	76	80	66	71	84	69.1
	MIN																																
SELINSGROVE AIRPORT	MAX	69	70	57	66	65	67	63	55	76	83	90	89	72	61	70	71	69	69	66	65	78	75	79	75	73	76	78	80	79	76	78	70.0
	MIN	47	33	50	41	51	46	45	43	31	57	53	63	57	51	50	47	56	49	45	42	49	41	44	51	55	46	45	60	62	60	49	49.0
SHIPPENSBURG	MAX	70	68	56	65	59	67	57	60	80	88	91	88	83	67	75	63	74	68	68	68	77	75	82	83	78	78	79	82	79	76	81	73.7
	MIN	35	40	50	42	49	43	45	42	39	56	56	65	56	50	48	55	51	50	45	40	52	42	50	50	54	52	53	58	63	62	54	49.9
SOMERSET WATER WORKS	MAX	62	64	58	64	58	63	59	56	76	80	86	83	78	68	66	63	61	62	60	65	70	63	76	75	74	73	74	74	72	75	72	68.7
	MIN	37	31	49	42	44	31	44	35	32	43	45	50	60	50	43	47	46	47	42	34	55	35	45	38	39	38	46	52	56	55	49	43.9
SPRINGS 1 SW	MAX	56	59	55	60	55	60	54	54	75	79	84	82	68	60	63	59	61	59	58	63	67	59	74	72	68	67	71	72	65	70	66	65.0
	MIN	38	32	45	37	42	32	39	33	32	47	48	52	58	48	46	48	45	46	42	51	44	34	38	38	37	36	50	51	58	49	49	43.4
STATE COLLEGE	MAX	67	69	53	54	54	62	51	54	79	79	90	86	60	60	70	65	68	60	65	64	72	64	78	75	74	78	76	76	75	76	77	69.1
	MIN	47	39	49	44	49	47	42	38	37	63	56	57	53	51	46	54	52	48	45	40	48	39	52	46	47	49	51	63	50	58	52	49.1
SUNBURY AIRPORT	MAX	66	70	54	66	56	67	54	54	76	81	89	85	62	58	68	61	69	62	67	65	75	66	76	75	73	78	78	78	78	77	80	69.8
	MIN	43	37	45	43	48	44	47	38	34	58	56	61	54	51	48	47	55	53	48	40	46	42	46	51	54	46	49	60	62	59	51	48.9
TAMARACK 2 S FIRE TOWER	MAX		66	66	53	63	48	62	45	42	76	79	89	73	56	56	69	65	68	52	60	60	70	62	75	71	72	75	75	70	72	74	65.5
	MIN	36	38	40	41	45	42	40	33	32	38	57	62	49	47	41	41	48	44	36	35	36	34	35	43	39	40	45	53	57	53	46	42.8
TIONESTA 2 SE DAM	MAX		65	70	69	67	62	62	58	56	72	76	84	70	61	60	70	64	62	56	55	57	58	60	62	62	66	76	76	76	76	76	66.1
	MIN	36	36	44	33	36	37	40	36	32	37	54	56	54	50	43	45	40	40	38	41	40	39	40	41	34	35	38	44	58	50	52	41.9
TITUSVILLE 2 S	MAX	63	70	65	62	62	68	52	46	72	77	84	81	67	59	66	70	69	60	56	66	65	61	62	59	63	70	76	76	78	74	70	66.7
	MIN	35	30	49	30	44	35	33	32	31	55	50	51	54	48	34	33	47	45	34	30	43	33	49	37	29	30	40	58	53	40	41	40.4
TOWANDA	MAX	64	69	67	70	65	71	64	50	74	77	90	73	60	55	70	64	71	63	60	63	73	60	60	66	70	76	82	77	78	75	76	68.8
	MIN	30	28	49	33	49	37	45	40	31	54	51	58	53	47	46	45	54	50	37	37	45	42	39	51	48	40	44	59	60	55	42	45.1
TUNKHANNOCK 1 S AP	MAX		62	71	65	71	53	71	51	47	74	81		91	60	54	69	64	73	59	59	63	75	64	72	71	72	77	80		80	75	68.0
	MIN	31	28	41	34	49	36	43	43	30	37	52		55	46	46	42	50	50	39	37	51	41	38	52	51	40	45	56		56	48	43.7
UNIONTOWN	MAX	64	70	60	69	63	71	63	64	81	84	90	87	72	62	70	64	68	69	65	71	76	67	82	73	71	79	84	84	70	77	65	72.1
	MIN	47	40	51	41	47	40	45	40	41	55	55	60	62	55	46	54	52	50	47	36	58	40	50	46	44	44	53	62	61	57	54	49.5
WARREN	MAX	67	73	69	66	62	69	61	41	75	78	88	70	63	59	65	75	65	64	60	66	69	61	65	63	66	75	82	81	80	83	74	68.9
	MIN	39	31	48	32	49	40	39	34	30	43	51	56	53	50	51	40	48	47	33	33	43	39	36	41	34	37	42	35	48	46	42	41.6

See reference notes following Station Index

PENNSYLVANIA
MAY 1948

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WAYNESBURG 2 W	MAX	61	67	67	69	66	74	67	61	82	84	89	88	83	68	68	68	69	68	66	71	76	72	81	80	70	77	85	84	72	78	76	73.8
	MIN	36	39	48	33	45	34	44	35	36	45	49	53	58	52	42	49	46	47	39	31	54	34	38	38	35	36	48	51	59	52	46	43.6
WELLSBORO	MAX	65	71	66	68	53	66	51	48	74	77	89	71	55	58	70	66	69	56	60	60	70	62	56	72	70	76	80	74	77	73	73	67.0
	MIN	28	26	30	28	32	37	40	38	27	33	49	52	51	49	44	45	47	49	38	29	37	37	41	48	39	36	40	45	57	55	36	40.1
WELLSVILLE	MAX	68	68	58	65	60	63	61	61	78	86	89	85	71	66	70	66	72	66	68	68	78	73	78	77	76	72	76	78	77	75	77	71.8
	MIN	53		49	41	50	42	47	44	32	51	52	59	57	50	42	51	51	45	47	37	50	40	40	48	52	53	52	55	62	63	55	49.0
WEST CHESTER	MAX	70	72	55	68	55	69	59	59	79	84	90	87	79	62	70	67	78	65	67	67	78	69	79	79	69	66	79	79	80	72	70	71.7
	MIN	43	43	47	40	47	45	45	44	38	57	59	61	52	48	45	50	58	51	47	45	48	41	45	52	59	57	59	57	61	64	59	50.5
WILLIAMSPORT 4 E WB AP	MAX	69	69	57	67	57	67	55	50	76	83	92	84	62	56	72	63	71	60	63	64	74	64	77	73	73	77	81	78	76	76	77	69.9
	MIN	42	33	44	41	48	42	45	34	30	56	54	59	54	51	48	54	53	52	41	40	42	40	43	55	53	45	50	64	64	54	47	47.7
WILLIAMSTOWN	MAX	67	69	64	67	65	66	61	54	77	85	90	89	70	60	69	68	71	68	68	65	75	74	81	76	76	74	78	79	79	76	78	72.2
	MIN	48	34	49	42	49	45	49	43	31	54	54	60	56	49	50	47	55	49	47	44	48	42	40	53	54	45	48	59	62	61	52	49.0
YORK 3 SW PUMPING STATION	MAX	68	70	66	68	68	67	67	63	82	88	95	93	88	68	72	74	75	70	69	70	80	77	82	81	80	74	79	81	81	76	80	75.9
	MIN	43	36	51	42	51	42	46	44	35	54	54	60	60	51	44	54	52	61	47	36	50	41	44	54	55	55	56	58	64	64	55	50.3

See reference notes following Station Index

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

PENNSYLVANIA
MAY 1948

STATION		DAY OF MONTH																													TOTAL	DEPARTURE FROM NORMAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CONFLUENCE DAM 1 SW	EVAP.	.158	.108	.038	.010	.072	.060	.149	.100	.201	.242	.186	.256	.228	.056	.050	.121	.053	.112	.006	.216	.130	.154	.158	.234	.208	.194	.118	.072	.114	.286	.128	5.540	
	WIND	94	56	76	60	18	55	102	95	95	56	49	32	42	27	48	47	38	71	93	93	35	157	50	46	42	31	24	48	16	9	19	1724	
FORD CITY DAM 4 S	EVAP.		.131	.101	.079	.121	.111		.308	.210	.220	.154	.213	.177	.076		.135	.189	.098	.164	.224	.148	.297	.143	.165	.195	.221	.164	.186	.064	.060	.200	4.556	
	WIND		34	32	44	58	168	22	81	52	37	26	35	29	41		64	22	21	72	69	41	117	51	55	42	33	13	22	15	17	31	1384	
HAWLEY 1 S WALLEN DAM	EVAP.		.170	.173	.109	.179	.024	.185	.013	.101	.182	.213	.391	.076	.003	.024	.163	.023	.140	.088	.253	.214	.173	.085	.068				.170	.177	.038	.999	3.534	
	WIND		34	92	69	89	49	73	77	194	168	115	112	75	62	61	92	27	86	208	118	156	151	139	60	56	19	34	37	72	22	28	2575	
JAMESTOWN 2 NW DAM	EVAP.	.206	.180	.096	.176	.098	.136	.138	.060	.044	.125	.085	.204	.066	.079	.091	.162	.198	.043	.157	.217	.139	.222	.146	.059	.141	.190	.198	.133	.127	.186	.198	4.300	
	WIND	80	35	37	59	39	54	83	90	56	49	50	51	30	25	45	44	40	28	67	31	49	90	32	23	29	37	34	29	28	41	47	1432	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																													HIGHEST (OR CREST)	DATE	LOWEST	DATE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
LEHIGH																																				
LEHIGHTON	[illegible]	3.7	3.6	3.7	3.8	3.8	4.1	4.0	4.8	4.5	4.4	4.1	3.9	4.8	5.2	6.0	5.4	5.8	5.4	4.8	4.8	4.6	4.6	4.4	4.0	5.4	5.0	4.8	4.4	4.3	4.7	4.5	6.0	15	3.6	2
SCHUYLKILL																																				
READING	13	5.7	4.9	5.0	6.0	5.8	9.1	8.2	9.9	8.9	8.0	7.4	6.9	7.6	9.8	9.2	8.3	9.0	8.2	7.7	7.2	7.1	6.8	6.4	6.1	5.9	5.7	5.5	5.4	5.2	8.1	6.8	9.9	7	4.9	2
PHILADELPHIA		6.3	6.3	6.3	6.5	6.6	8.1	7.4	8.2	7.6	7.2	7.0	6.8	6.8	8.9	7.8	7.4	8.3	7.5	7.2	7.0	6.9	6.9	6.7	6.6	6.6	6.6	6.5	6.5	6.4	6.5	8.1	8.9	14	6.3	1+
DELAWARE																																				
EASTON	22	3.9	3.7	3.6	3.8	3.5	4.3	4.3	5.6	5.8	5.2	4.7	4.2	5.8	7.6	7.8	7.4	7.8	8.8	8.7	7.7	6.9	6.4	5.7	5.2	6.1	8.2	7.1	6.2	5.4	5.6	5.6	8.8	18	3.5	5
WEST BRANCH																																				
RENOVO	16	5.0	4.5	4.1	4.0	4.5	5.2	5.6	5.7	5.8	5.2	4.8	4.3	4.0	3.7	3.9	3.6	4.8	5.4	5.1	4.5	4.1	3.8	3.4	3.4	4.1	3.7	3.3	2.9	2.8	2.7	2.4	5.8	9	2.4	31
WILLIAMSPORT	20	6.6	6.0	5.4	5.4	5.2	7.0	7.6	7.8	7.7	7.1	6.5	5.9	5.4	5.8	5.7	5.5	5.8	7.6	7.6	6.9	6.2	5.8	5.1	4.7	6.4	5.9	5.1	4.6	4.2	4.0	3.8	7.8	[illegible]	3.8	31
PINE CREEK																																				
CEDAR RUN	12	3.2	3.1	3.1	3.0	3.0	3.3	3.2	3.4	3.3	3.2	3.2	3.0	3.1	3.1	3.1	3.0	3.8	3.9	3.8	3.6	3.7	3.4	3.3	5.5	4.6	4.2	3.8	3.5	3.5	3.3	3.0	5.5	24	3.0	4+
JUNIATA																																				
NEWPORT	22	7.0	6.4	6.0	6.2	7.3	8.1	8.0	8.4	8.5	7.8	7.1	6.5	8.2	8.9	9.1	8.2	7.4	7.0	6.5	6.1	5.8	5.5	5.3	5.1	5.0	5.0	4.7	8.6	4.7	5.9	5.8	9.1	15	4.7	27
SUSQUEHANNA																																				
TOWANDA	16	3.6	3.6	3.5	3.3	3.0	3.1	3.3	3.3	3.7	3.6	3.4	3.8	3.6	3.9	6.3	6.7	7.1	7.2	6.5	6.1	5.5	6.1	5.3	9.6	10.2	7.3	5.8	4.9	4.4	4.4	4.0	10.2	25	3.0	5
SUNBURY	16	4.1	3.8	3.6	3.6	3.4	3.9	4.2	4.6	4.6	4.4	4.2	3.9	3.0	4.1	4.6	5.0	5.4	5.8	6.0	5.4	5.0	4.7	4.6	4.2	5.6	6.7	5.3	4.4	3.9	3.6	3.6	6.7	26	3.0	13
WILKES-BARRE	22	5.8	5.6	5.5	5.4	5.1	5.1	5.1	6.0	5.9	6.0	5.8	5.5	5.9	5.8	7.1	9.2	1.0	10.8	1.00	9.4	8.6	8.7	8.4	7.8	15.2	12.4	9.7	8.1	7.1	7.3	7.0	15.2	25	1.0	17
HARRISBURG	17	5.4	5.2	5.0	4.9	5.1	5.4	5.6	6.1	6.1	5.8	5.6	5.3	5.4	5.8	5.9	6.1	6.3	6.4	6.6	6.3	5.9	5.6	5.4	5.3	5.1	7.0	6.1	5.5	5.1	5.0	5.0	7.0	26	4.9	4
CONEMAUGH																																				
SEWARD	18	4.6	4.2	4.1	4.9	4.6	4.6	4.7	5.2	4.7	4.5	4.4	4.0	4.2	4.2	4.4	4.4	4.0	4.2	4.0	4.0	3.9	3.7	3.7	3.5	3.9	3.3	3.2	3.2	4.7	4.7	3.9	5.2	8	3.2	27
ALLEGHENY																																				
WARREN	12	4.6	4.4	4.0	4.1	3.8	4.5	4.8	4.8	4.9	4.8	5.5	5.2	4.8	5.4	5.3	4.8	5.7	6.3	6.5	6.1	5.7	5.5	5.1	7.0	6.8	6.0	5.5	4.9	4.9	4.7	4.5	7.0	24	3.8	5
FRANKLIN	17	5.9	5.4	5.2	5.2	5.1	5.8	5.9	6.5	6.6	6.7	6.7	7.1	6.6	6.2	6.6	6.3	6.6	7.6	7.9	7.5	7.0	6.5	6.2	6.0	7.4	6.8	6.1	5.6	5.4	5.8	5.2	7.9	19	5.1	5
PARKERS LANDING	20	5.8	5.0	4.7	4.6	4.7	5.3	5.5	6.2	6.4	6.3	6.3	6.4	6.0	5.5	5.8	5.5	5.8	6.8	7.1	6.8	6.3	6.0	5.4	5.5	6.4	6.1	5.5	4.8	4.4	4.5	4.6	7.1	19	4.4	29
LOCK NO 5 SCHENLEY	24	16.4	15.6	15.0	15.2	15.4	16.4	16.2	16.7	17.2	16.7	16.3	16.0	15.8	15.6	15.3	15.1	15.1	15.8	16.2	16.2	15.7	15.2	14.9	14.5	14.4	15.2	14.6	14.2	13.9	13.9	14.2	17.2	[illegible]	13.9	29
LOCK NO 8 MOSGROVE	24	15.6	14.6	14.5	14.2	14.0	14.9	15.0	15.8	16.1	15.6	15.8	15.5	15.5	15.0	14.9	14.7	15.0	15.8	16.1	16.1	15.5	14.8	14.5	14.0	14.7	15.0	14.2	13.8	13.5	13.5	13.6	16.1	9+	13.5	29
LOCK NO 4 NATRONA	24	15.5	14.5	13.9	14.3	14.4	15.2	15.1	15.6	16.3	15.8	15.3	15.0	14.9	14.6	14.4	14.2	14.1	14.8	15.4	15.3	14.8	14.2	13.9	13.4	13.4	14.2	13.5	13.1	12.8	12.7	13.0	16.3	9	12.7	30
LOCK NO 3 ACMETONIA	25	16.0	15.3	14.5	14.8	15.0	16.0	15.8	16.2	16.8	16.3	15.9	15.6	15.4	15.0	14.8	14.8	14.7	15.3	15.7	15.7	15.3	14.9	14.6	14.2	14.1	14.8	14.3	14 0	13.5	13.4	13.7	[illegible].8	9	13.4	30
KISKIMINETAS																																				
SALTSBURG	16	3.9	3.5	3.2	4.4	4.4	5.0	4.4	5.1	4.6	4.2	3.8	3.3	3.3	3.4	3.3	2.8	3.0	3.4	3.2	2.9	2.7	2.6	2.4	2.2	2.1	2.0	2.0	1.8	1.9	3.0	2.5	5.1	8	1.8	28
VANDERGRIFT		8.2	7.6	6.7	8.2	8.9	10.4	9.4	9.5	9.7	8.7	8.1	7.2	7.0	7.4	7.2	6.4	6.6	7.2	7.3	6.7	6.4	6.2	5.8	5.5	5.3	5.1	5.0	4.9	4.9	6.4	6.0	10.4	6	4.9	28
YOUGHIOGHENY																																				
CONFLUENCE	12	3.2	3.0	3.7	4.8	5.3	5.3	6.4	6.2	5.7	5.2	4.0	3.7	4.0	3.7	3.2	3.1	3.9	4.1	3.8	3.6	3.6	3.6	3.5	3.0	3.0	2.7	2.7	2.4	2.9	3.5	3.2	6.4	7	2.4	28
SUTERSVILLE	20	4.9	4.5	5.2	7.9	7.6	7.9	8.2	8.6	7.8	7.1	5.9	5.4	5.6	5.5	5.1	4.8	5.0	5.6	5.5	5.1	5.0	4.9	4.9	4.6	4.3	4.2	4.0	4.0	4.6	4.7	4.5	8.6	[illegible]	4.0	27
CONNELLSVILLE	16	3.3	3.2	3.7	5.6	5.7	5.9	6.5	6.9	6.1	5.5	4.3	4.0	4.0	4.0	3.5	3.3	3.9	4.4	4.1	3.8	3 7	3.6	3.5	3.1	3.0	2.8	2.7	2.5	2.7	3.0	3.2	6.9	8	2.5	28
MONONGAHELA																																				
LOCK NO 4 CHARLEROI	30	13.2	13.2	13.4	20.0	18.0	18.1	18.3	16.7	17.4	16.2	15.0	15.7	15.5	15.3	14.4	15.0	13.5	15.1	14.3	13.9	13.3	12.9	12.7	12.3	12.4	12.2	11.7	11.6	11.8	12.9	11.9	20.0	4	11.6	28
LOCK NO 7 GREENSBORO	30	12.1	12.6	15.4	20.7	17.5	18.7	17.3	16.9	16.8	13.8	13.9	14.7	14.1	13.5	15.0	13.2	12.8	13.7	12.5	12.2	12.0	11.9	12.0	11.6	11.3	11.1	10.9	10.9	11.0	11.4	11.2	20.7	4	10.9	27
MC KEESPORT	20	3.0	3.0	3.6	7.1	6.4	6.0	5.8	5.8	5.7	5.6	4.6	4.6	4.6	4.6	4.6	4.0	3.6	4.0	4.0	3.6	3.0	3.0	3.0	2.5	2.6	2.0	2.0	1.9	2.0	2.6	2.0	7.1	4	1.9	2[illegible]
BEAVER																																				
BEAVER FALLS	15	5.5	5.1	5.1	6.0	5.8	8.1	7.1	7.1	6.9	6.2	5.8	5.5	5.3	5.2	5.1	4.8	4.9	5.7	5.6	5.3	4.9	4.6	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.7	8.1	6	3.7	31
OHIO																																				
CORAOPOLIS	26	12.8	12.3	12.0	13.7	13.9	14.3	14.5	14.0	14.6	14.0	13.4	13.0	13.1	13.0	12.5	12.6	12.1	13.0	13.2	12.8	12.5	12.2	11.9	11.5	11.6	11.9	11.4	11.2	11.0	11.3	11.4	14.6	9	11.0	29
PITTSBURGH	25	16.5	16.5	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.5	16.6	16.6	16.7	16.6	16.6	16.5	16.9	16.7	16.7	16.6	16.5	16.6	16.6	16.7	16.7	16.6	16.7	16.6	16.7	16.7	16.9	18	16.5	1+
DAM NO 7 MIDLAND	30	14.1	12.8	14.2	15.9	17.0	19.0	18.6	17.9	18.8	17.9	15.7	14.8	14.4	13.9	12.8	13.2	14.3	13.7	14.2	13.6	12.6	15.2	14.7	15.0	15.5	15.3	15.4	15.4	15.5	15.5	15.4	19.0	6	12.6	21

The following reference notes apply only to Table 7 - Daily River Stages

Readings are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a. Obstructed by rough ice.
b. Frozen but open at gage.
c. Upper surface of smooth ice.
d. Ice gorge above gage.
e. Ice gorge below gage.
f. Shore ice.
g. Floating ice.
h. Pool stage.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
ACMETONIA LOCK 3	0022	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST		7A		44		U S E P B G	2 3 7
ALBION	0062	ERIE	LAKE ERIE	41 53	80 22	900	EST	7A	7A	4	4		ALBION HIGH SCHOOL	2 3 4 5
ALLENS MILLS	0099	JEFFERSON	ALLEGHENY	41 12	78 54	1590	EST		MID		10		CHARLES H ALLEN	2 3 4
ALLENTOWN WB AIRPORT	0106	LEHIGH	LEHIGH	40 39	75 26	385	EST	MID	MID	10	8		U S WEATHER BUREAU	2 3 4 5
ALLENTOWN GAS CO	0111	LEHIGH	LEHIGH	40 36	75 28	254	EST	7A	7A	27	37		ALLENTOWN-BETH GAS CO	2 3 5
ALTOONA HORSESHOE CURVE	0134	BLAIR	JUNIATA	40 30	78 29	1500	EST	6P	6P	53	64		ALTOONA WATER BUREAU	2 3 5
ARENDTSVILLE	0229	ADAMS	SUSQUEHANNA	39 55	77 18	710	EST	8A	8A	26	26		PA STATE COL EXP STA	2 3 5
AUSTINBURG 2 MI W	0313	TIOGA	CHEMUNG	42 00	77 32	1590	EST		MID		12		U S E BALTO MD	2 3 4
AVOCA WILKES-BARRE SCRANTON AP	0319	LUZERNE	SUSQUEHANNA	41 21	75 43	950	EST	MID	MID	1	1		C A A	2 3 5
BAKERSTOWN	0355			40 40	79 60	843								2 3
BARNES	0409	WARREN	ALLEGHENY	41 40	79 01	1310	EST		7A		8		U S E P B G	2 3
BEAR GAP	0457	NORTHUMBERLAND	SUSQUEHANNA	40 50	76 30	843	EST		MID		3		ROARING CREEK WATER CO	2 3
BEAVER FALLS	0475	BEAVER	BEAVER	40 46	80 19	760	EST		7A		40		HOWARD J KEMP	2 3 7
BELLEFONTE ROCKVIEW FARM	0530	CENTER	WEST BRANCH	40 52	77 47	1060	EST	8A	8A	20	32		WESTERN STATE PEN'TRY	2 3 5
BERWICK	0611	COLUMBIA	SUSQUEHANNA	41 03	76 14	570	EST	6P	6P	3	3		AMER CAR & FOUNDRY CO	2 3 5
BETHLEHEM RIVER STATION	0629	NORTHAMPTON	LEHIGH	40 37	75 22	390	EST		7A	8	8		BETHLEHEM STEEL CORP	2 3
BETHLEHEM LEHIGH UNIV	0634	NORTHAMPTON	LEHIGH	40 36	75 23	450	EST	MID	MID	47	64		LEHIGH UNIVERSITY	2 3 4 5
BLAIN	0725	PERRY	SUSQUEHANNA	40 20	77 31	720	EST		MID		11		PENNA DEPT F & W	2 3 4
BLAIRSVILLE 6 MI ENE	0736	INDIANA	ALLEGHENY	40 27	79 09	2048	EST	MID	MID	3	12		U S WEATHER BUREAU	2 3 4 5
BLAKESLEE CORNERS	0743	MONROE	LEHIGH	41 06	75 36	1670	EST		MID		11		HAROLD WILDRICK	2 3 4
BLOSERVILLE 1 MI N	0763	CUMBERLAND	SUSQUEHANNA	40 16	77 22	650	EST		5P		36		BESSIE M WILLDERS	2 3
BOSWELL	0820	SOMERSET	ALLEGHENY	40 11	79 08	2684	EST		MID		11		FRANK J HOUPT	2 3 4
BRADDOCK LOCK 2	0861	ALLEGHENY	MONONGAHELA	40 24	79 52	725	EST		7A		14		U S E P B G	2 3
BRADFORD CITY HALL	0867	MC KEAN	ALLEGHENY	41 58	78 39	1500	EST		8A	22	1		BRADFORD DIS FLD COM	2 3
BRADFORD 4 MI W RESERVOIR 1	0868	MC KEAN	ALLEGHENY	41 57	78 44	1680	EST	4P	4P		31		BRADFORD WATER DEPT	3 5
BREEZEWOOD	0905	BEDFORD	JUNIATA	40 00	78 14	1352	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3
BROOKVILLE	1002	JEFFERSON	ALLEGHENY	41 09	79 06	1407	EST	MID	MID	36	57		C A A	2 3 4 5
BRUCETON	1033	ALLEGHENY	OHIO	40 19	79 59	1000	EST		7A		13		RAY WILSON	2 3
BUCKSTOWN	1073	SOMERSET	CONEMAUGH	40 04	78 51	2480	EST		MID		11		RUSSELL L LAMBERT	2 3 4
BUFFALO MILLS	1087	BEDFORD	JUNIATA	39 58	78 39	1318	EST		7A		24		NELLIE R BROWN	2 3
BURGETTSTOWN 3 MI W	1105	WASHINGTON		40 23	80 26	980	EST						LANGLOTH WATER CO	2 3
BURNT CABINS 2 MI NE	1115	HUNTINGDON	JUNIATA	40 05	77 52	990	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3 5
BUTLER	1130	BUTLER	BEAVER	40 52	79 54	1100	EST	4P	4P	25	35		BUTLER EAGLE	2 3 5
BUTLER SUBSTATION	1135	BUTLER	BEAVER	40 51	79 53	1140	EST		MID		11		WEST PENN POWER CO	2 3 4
CAMP HILL	1198	CUMBERLAND	SUSQUEHANNA	40 15	76 56	461	EST		8A		3		JOSEPH N HOBART	2 3
CANTON 1 MI NW	1215	BRADFORD	SUSQUEHANNA	41 40	76 52	1450	EST	8A	8A	5	8		MILDRED L SPENCER	2 3 4 5
CARLISLE	1234	CARLISLE	SUSQUEHANNA	40 12	77 11	473	EST	6P	6P	80	60		PROF CHAS E MILLER	2 3 5
CARROLLTOWN	1255	CAMBRIA	WEST BRANCH	40 36	78 42	2165	EST		7A		5		NED R WESTRICK	2 3
CARTER CAMP	1262	POTTER	WEST BRANCH	41 38	77 45		EST		MID		10		IRVING E GRESSEL	2 3 4
CEDAR RUN	1301	LYCOMING	WEST BRANCH	41 31	77 28	800	EST		7A		30		CHAS R NIVISON	2 3 7
CHADDS FORD	1342	DELAWARE	DELAWARE	39 52	75 35	180	EST		8A		3		HERBERT W GUEST	2 3
CHAMBERSBURG	1354	FRANKLIN	POTOMAC	39 56	77 39	640	EST	8P	10P	48	53		CHAS A BENDER	2 3 4 5
CHARLEROI	1372	WASHINGTON	MONONGAHELA	40 08	79 55	1040	EST		MID		11		WEST PENN POWER CO	2 3 4
CHARLEROI LOCK 4	1377	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST		7A		63		U S E P B G	2 3 7
CLARION DAM 3 MI SW	1485	CLARION	ALLEGHENY	41 12	79 26	1114	EST	8P	7A	6	41		PA ELECTRIC CO	2 3 4 5
CLAUSSVILLE	1505	LEHIGH	LEHIGH	40 37	75 39	670	EST		9A		3		VERNA A DOTTERER	2 3
CLAYSVILLE	1512	WASHINGTON	OHIO	40 07	80 25	1170	EST	7P	7P	45	45		WALTER B PAGET	2 3 5
CLEARFIELD	1519	CLEARFIELD	WEST BRANCH	41 01	78 27	1140	EST		7A	32	40		WM H WITHEROW	2 3
COALDALE 2 MI NW	1572	SCHUYLKILL	SCHUYLKILL	40 50	75 56	1026	EST		7A		26		PANTHER VALLEY WTR CO	2 3
COALPORT	1581	CLEARFIELD	WEST BRANCH	40 45	78 32	1480	EST		7A		4		ADAM I NEFF	2 3 4 5
COATESVILLE 1 MI SW	1589	CHESTER	DELAWARE	39 58	75 50	342	EST	8A	8A	61	61		PHILA ELECTRIC CO	2 3 4 5
COATESVILLE	1594	CHESTER	DELAWARE	39 59	75 54		EST		7A		2		EDW O BEIDEMAN	2 3
COLUMBIA	1675	LANCASTER	SUSQUEHANNA	40 02	76 30	300	EST	ss	ss	6	6		JAMES H RUST	3 5
CONFLUENCE 1 MI SW	1705	SOMERSET	YOUGHIOGHENY	39 48	79 22	1490	EST	8A	8A	3	3	3	U S E P B G	2 3 4 6
CONFLUENCE 1 MI NW	1710	SOMERSET	YOUGHIOGHENY	39 50	79 22	1331	EST		7A		74		JOHN L REID	3 7
CONNELLSVILLE	1723	FAYETTE	MONONGAHELA	40 01	79 36	990	EST		7A		10		EMERY C STEWART	2 3 7
CONNELLSVILLE 4 MI N	1728	FAYETTE	MONONGAHELA	40 04	79 34	1145	EST		MID		11		GEORGE BAER	2 3 4
CONSHOHOCKEN	1737	MONTGOMERY	DELAWARE	40 04	75 19	70	EST		8A		25		PHILA ELECTRIC CO	2 3
CORAOPOLIS 1 MI E DAM	1773	ALLEGHENY	OHIO	40 31	80 10	720	EST		7A		40		U S E P B G	2 3 7
CORRY	1790	ERIE	ALLEGHENY	41 55	79 38	1427	EST	6P	6P	33	33		GEO P MULDERICK	2 3 5
COUDERSPORT	1804	POTTER	ALLEGHENY	41 46	78 01	1653	EST	5P	5P	18	23		POTTER ENTERPRISE	2 3 5
COUDERSPORT 8 MI E	1809	POTTER	ALLEGHENY	41 46	77 53	2425	EST		8A		2		ROBT B KEITH	2 3
COVINGTON	1832	TIOGA	SUSQUEHANNA	41 45	77 05	1193	EST		7A		10		GROVER D CLEVELAND	2 3
CREEKSIDE	1881	INDIANA	ALLEGHENY	40 41	79 12	1035	EST		7A		8		U S E P B G	2 3
CRESSON 1 MI E	1894	CAMBRIA	WEST BRANCH	40 28	78 34	2300	EST		MID		11		PENNA EDISON CO	2 3
CURWENSVILLE 6 MI NW	1966	CLEARFIELD	WEST BRANCH	41 03	78 35	2215	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4 5
CUSTER CITY 2 MI W	1978	MC KEAN	ALLEGHENY	41 55	78 41	2120	EST		8A		1		BRADFORD DIS FLD COM	2 3
DANVILLE	2013	MONTOUR	SUSQUEHANNA	40 58	76 37	460	EST		7A		8		JAMES A BRYAN	2 3
DAUPHIN 3 MI N	2029	DAUPHIN	SUSQUEHANNA	40 25	76 56	1300	EST		7A		8		JOHN HEPFORD	3
DERRY	2108	WESTMORELAND	CONEMAUGH	40 20	79 18	1150	EST	6P	6P	51	51		N DIXIE WINEMAN	2 3 5
DINGMANS FERRY	2160	PIKE	DELAWARE	41 13	74 52	360	EST		7A		11		A JORGENSON	2 3 4
DONEGAL	2183	WESTMORELAND	CONEMAUGH	40 06	79 23	1746	EST	MID	MID	5	5		PENNA TURNPIKE COMM	2 3 5
DONORA	2190	WASHINGTON	MONONGAHELA	40 11	79 51	761	EST	MID	MID	22	22		DONORA ZINC WORKS	2 3 5
DOYLESTOWN	2221	BUCKS	DELAWARE	40 18	75 08	370	EST		5P		58		GEORGE HART	2 3
DRIFTWOOD	2245	CAMERON	WEST BRANCH	41 20	78 08	820	EST		MID		11		SIDNEY KENNEDY	2 3 4
DU BOIS 7 MI E	2265	CLEARFIELD	WEST BRANCH	41 06	78 38	1670	EST		7A		11		CITY OF DU BOIS	2 3
DUNLO	2298	CAMBRIA	CONEMAUGH	40 17	78 44	2440	EST		MID		11		MRS D L WHITE	2 3 4
DUSHORE	2323	SULLIVAN	WEST BRANCH	41 32	76 24		EST		MID		11		KENNETH MOSIER	2 3 4
EAGLES MERE	2343	SULLIVAN	SUSQUEHANNA	41 24	76 35	2020	EST	7A	7A	6	12		CARL E BIGGER	2 3 4 5
EASTON	2423		DELAWARE	40 42	75 12									7
EAST WATERFORD 3 MI E	2459	PERRY	JUNIATA	40 21	77 33	2125	EST	8P	7A	5	12		U S WEATHER BUREAU	2 3 5
EBENSBURG	2466	CAMBRIA	CONEMAUGH	40 29	78 44	2170	EST	8A	8A	31	31		JOHN L MC GOUGH	2 3 5
ELIZABETHTOWN	2560	LANCASTER	SUSQUEHANNA	40 08	76 36	460	EST		8A		3		MASONIC HOME	2 3
EMPORIUM	2633	CAMERON	WEST BRANCH	41 30	78 13	1100	EST	8A	8A	60	60		RUSSEL E PALMETEER	3 4 5
ENGLISH CENTER	2644	LYCOMING	WEST BRANCH	41 26	77 17	881	EST		MID		8		WM SUDERS	2 3 4

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP	YEARS OF RECORD: PRECIP	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
EPHRATA	2662	LANCASTER	SUSQUEHANNA	40 11	76 10	365	EST	8A	6P	46	55		WM W HALLIGAN	2 3 5
EQUINUNK	2669	WAYNE	DELAWARE	41 51	75 13	920	EST		7A		3		ROSE H NELSON	2 3
ERIE WB CITY	2677	ERIE	LAKE ERIE	42 07	80 05	714	EST	MID	MID	74	74		U S WEATHER BUREAU	2 3 4 5
ERIE AIRPORT	2682	ERIE	LAKE ERIE	42 05	80 12	737	EST	MID	MID	4	4		C A A	2 3 4
EVERETT	2731	BEDFORD	JUNIATA	40 00	78 23	1020	EST	MID	7A	28	28		PENNA TURNPIKE COMM	2 3 4 5
FARRELL SHARON	2814	MERCER	BEAVER	41 14	80 30	855	EST	5P	8A	36	37		CARNEGIE ILL STL CORP	2 3 5
FORD CITY 4 MI S	2942	ARMSTRONG	ALLEGHENY	40 43	79 30	950	EST	8A	8A	5	5	3	U S E P B G	2 3 4 5 6
FRANKLIN	3028	VENANGO	ALLEGHENY	41 23	79 49	987	EST	7A	7A	54	75		WM K FULLER	2 3 4 5 7
FREDERICKSVILLE 1 MI SE	3047	BERKS	SCHUYLKILL	40 27	75 41	800	EST	SS	8A	6	11		HENRY H ROHRBACK	2 3 5
FREELAND	3056	LUZERNE	SUSQUEHANNA	41 01	75 54	1970	EST	6P	8A	54	34		ANDREW B EVANSHA	2 3 5
GALETON	3130	POTTER	WEST BRANCH	41 44	77 39	1330	EST		6P		18		W GALE LUSH	2 3
GEIGERTOWN	3189	BERKS	SCHUYLKILL	40 12	75 50	380	EST		8A		3		WALTER C WOLF	2 3
GEORGE SCHOOL	3200	BUCKS	DELAWARE	40 13	74 56	160	EST	7P	7P	42	42		GEO M HART	2 3 5
GETTYSBURG	3218	ADAMS	POTOMAC	39 50	77 14	500	EST	8A	8A	72	74		HUGH C MC ILHENNY	2 3 5
GETTYSBURG 1 MI S	3223	ADAMS	POTOMAC	39 48	77 14	570	EST		MID		11		NATL MILITARY PARK	2 3 4
GIFFORD	3237	MC KEAN	ALLEGHENY	41 51	78 36	2220	EST		8A		1		BRADFORD DIS FLD COM	2 3
GLENCOE	3298	SOMERSET	POTOMAC	39 49	78 51	1620	EST		8A		11		C E SANDERS	2 3 4
GLEN ROCK	3330	YORK	SUSQUEHANNA	39 48	76 44	620	EST		MID		7		MRS E C MC WILLIAMS	2 3 4
GLEN WILLARD	3343	ALLEGHENY	OHIO	40 33	80 14	1025	EST		7A		4		WM H MC CONNELL	2 3
GOOD SPRINGS 1 MI NW	3372	SCHUYLKILL	SUSQUEHANNA	40 38	76 30	1500	EST		MID		11		PENNA POWER & LIGHT CO	2 3 4
GORDON	3379	SCHUYLKILL	SUSQUEHANNA	40 45	76 20	900	EST	5P	5P	45	45		SALLIE M JOHNSON	2 3 5
GOULDSBORO	3394	WAYNE	LEHIGH	41 15	75 27	1850	EST		7A	17	33		L H ELLENBERGER	2 3
GRANTVILLE 2 MI SW	3422	DAUPHIN	SUSQUEHANNA	40 22	76 41	520	EST		ss		11		EDW N RHOADS	2 3
GRATERFORD	3435	MONTGOMERY	SCHUYLKILL	40 14	75 27	160	EST		7A		33		CLAUDE K KULP	2 3
GREENSBORO LOCK NO 7	3503	GREENE	MONONGAHELA	39 47	79 55	808	EST		7A		67		U S E P B G	2 3 7
GREENSBURG 2 MI S FILTER STA	3510	WESTMORELAND	MONONGAHELA	40 16	79 33	977	EST	6P	6P	41	41		WESTMORELAND WATER CO	2 3 5
GREENSBURG 2 MI E HWY SHED	3515	WESTMORELAND	MONONGAHELA	40 18	79 30	1225	EST		MID		10		PENNA DEPT HIGHWAYS	2 3 4
GREENSBURG 3 MI SE UNITY RES	3516	WESTMORELAND	MONONGAHELA	40 17	79 30	1245	EST		6P	35	40		WESTMORELAND WATER CO	2 3
GREENVILLE	3526	MERCER	BEAVER	41 25	80 23	930	EST	6P	6P	50	50		C EARL MILLER	2 3 5
HANOVER	3662	YORK	SUSQUEHANNA	39 48	76 59	600	EST	8A	8A	45	45		HANOVER EVENING SUN	2 3 5
HARRISBURG 3 MI S WB AP	3699	YORK	SUSQUEHANNA	40 13	76 51	351	EST	MID	MID	60	60		U S WEATHER BUREAU	2 3 4 5 7
HARRISBURG NORTH	3704	DAUPHIN	SUSQUEHANNA	40 16	76 53	350	EST		9A		31		GEO S BEAL	2 3
HAWLEY	3758	WAYNE	DELAWARE	41 29	75 10	980	EST	3P	8A	30	39		DELLA M PENNELL	2 3 5
HAWLEY 1 MI S WALLEN DAM	3859	WAYNE	DELAWARE	41 28	75 11	1180	EST	8A	8A	13	17	13	PENNA POWER & LIGHT CO	2 3 4 5 6
HEWITT 2 MI S	3897	BEDFORD	POTOMAC	39 44	78 32	840	EST	ss	ss	4	8		MARIE E ROLAND	2 3 4 5
HOLLIDAYSBURG	4001	BLAIR	JUNIATA	40 26	78 24	1000	EST		MID		11		JOHN M RINGLER	2 3 4
HOLLISTERVILLE	4008	WAYNE	DELAWARE	41 23	75 26	1360	EST		8A		21		PENNA POWER & LIGHT CO	2 3
HOLTWOOD	4019	LANCASTER	SUSQUEHANNA	39 50	76 20	200	EST	MID	8A	29	34		PENNA WTR & POWER CO	2 3 4 5
HOME	4027	INDIANA	ALLEGHENY	40 45	79 06	1260	EST		MID		11		H J MC ELHOES	2 3 4
HONESDALE 4 MI NW	4043	WAYNE	DELAWARE	41 37	75 19	1445	EST		9A		3		GEO C WILLIAMS	2 3
HONESDALE 6 MI N TANNERS FLS	4044	WAYNE	DELAWARE	41 39	75 17	1100	EST		MID		7		LESLIE E WALTER	2 3 4
HOOVERSVILLE	4058	SOMERSET	CONEMAUGH	40 10	78 53	1660	EST		7A		10		PENNA ELECTRIC CO	2 3
HOP BOTTOM 2 MI S	4066	SUSQUEHANNA	SUSQUEHANNA	41 43	75 43		EST		7A		4		JOSEPH J SANAUSKAS	2 3
HUNTINGDON	4159	HUNTINGDON	SUSQUEHANNA	40 29	78 01	620	EST	8A	8A	61	61		HUNTINGDON BROADTOP RR	2 3 5
HUNTSDALE	4166	CUMBERLAND	SUSQUEHANNA	40 06	77 19	620	EST		7A		8		T J DINGLE	2 3 4
HYNDMAN	4190	BEDFORD	POTOMAC	39 49	78 43	900	EST		7A		36		W J EMERICK	2 3
INDIANA 2 MI SE	4214	INDIANA	CONEMAUGH	40 36	79 07	1102	EST	6P	6P	46	49		CLYMER WATER CO	2 3 4 5
INDIANA	4219	INDIANA	CONEMAUGH	40 37	79 10	1300	EST						STATE TEACHERS COLL	2 3 5
IRWIN	4276	WESTMORELAND	MONONGAHELA	40 20	79 42	1090	EST	5P	5P	46	52		WESTMORELAND WATER CO	2 3 5
JACKSON SUMMIT	4304	TIOGA	SUSQUEHANNA	41 57	77 01	1700	EST		MID		12		ARCHIE LAIN	2 3 4
JAMESTOWN 2 MI NW	4325	MERCER	BEAVER	41 30	80 28	1050	EST	8A	8A	7	9	7	PA DEPT FRST & WTRS	2 3 4 5 6
JOHNSTOWN 1	4385	CAMBRIA	CONEMAUGH	40 20	78 55	1214	EST	9A	9A	55	67		JOHNSTOWN TRIBUNE	2 3 5
JOHNSTOWN 2	4390	CAMBRIA	CONEMAUGH	40 19	78 55	1130	EST		MID		10		CITY OF JOHNSTOWN	2 3 4
JUNIATA HOUSE	4425	HUNTINGDON	JUNIATA	40 22	77 49	560	EST		8P		3		J EARL MC VEY	2 3
KANE	4432	MC KEAN	ALLEGHENY	41 41	78 48	1750	EST	MID	MID	5	33		SPRING WATER CO	2 3 5
KANE 5 MI SE	4437	ELK	ALLEGHENY	41 36	78 46	2010	EST		MID		7		U S FOREST SERVICE	2 3 4
KARTHAUS	4450	CLEARFIELD	WEST BRANCH	41 07	78 07	860	EST		7A		8		EMMA M SHULTZ	2 3
KIRKWOOD 1 MI SW	4597	LANCASTER	SUSQUEHANNA	39 51	76 05	430	EST		MID		8		SOIL CONSERV SERVICE	2 3 4
KREGAR 4 MI SE	4667	WESTMORELAND	YOUGHIOGHENY	40 06	79 14	2470	EST		MID		7		PENNA TURNPIKE COMM	2 3
KRESGEVILLE 3 MI W	4672	CARBON	LEHIGH	40 54	75 34	825	EST		8A		6		CITY OF BETHLEHEM	2 3
LAFAYETTE	4706	MC KEAN	ALLEGHENY	41 48	78 40	2130	EST		8A		1		BRADFORD DIS FLD COMM	2 3
LAKEVILLE 1 MI N	4733	WAYNE	DELAWARE	41 27	75 16	1480	EST		8A		21		REVEL JENKINS	2 3
LAMPETER SCS 1A	4750	LANCASTER	SUSQUEHANNA	39 59	76 14	405	EST		MID		8		SOIL CONSERV SERVICE	2 3 4
LANCASTER 2 NE PUMP STATION	4758	LANCASTER	SUSQUEHANNA	40 03	76 17	255	EST	5P	5P	47	61		LANCASTER WATER BUR	2 3 5
LANCASTER 2 NE FILTER PLANT	4763	LANCASTER	SUSQUEHANNA	40 03	76 17	270	EST		MID		11		LANCASTER WATER BUR	2 3
LANCASTER 3 MI NE	4768	LANCASTER	SUSQUEHANNA	40 04	76 17	360	EST	8A	8A	3	3		DR ORMAN E STREET	2 3
LANSFORD	4804	CARBON	SCHUYLKILL	40 50	75 53	1030	EST		8A		43		LEHIGH NAVIG COAL CO	2 3
LANSFORD FOREMANS SHOP	4809	CARBON	SCHUYLKILL	40 50	75 53	1040	EST		7A		15		PANTHER VALLEY WTR CO	2 3
LATROBE	4832	WESTMORELAND	CONEMAUGH	40 19	79 23	1030	EST		7A		6		WEST PENN POWER CO	2 3
LAURELTON 2 MI N STATE VILL	4853	UNION	SUSQUEHANNA	40 54	77 13	820	EST		MID		8		PENNA DEPT OF WELFARE	2 3 4
LAWRENCEVILLE	4873	TIOGA	SUSQUEHANNA	42 00	77 08	996	EST	6P	6P	51	51		CARLOS P DARLING	2 3 5
LEBANON	4891	LEBANON	SUSQUEHANNA	40 20	76 26	469	EST	8A	8A	60	65		LEBANON VALLEY GAS CO	2 3 5
LEBANON 3 MI SW	4896	LEBANON	SUSQUEHANNA	40 19	76 29	490	EST		MID		11		LEBANON COUNTRY CLUB	2 3 4
LECONTES MILLS 5 NW	4904	CLEARFIELD	WEST BRANCH	41 09	78 20	2320	EST		7A		6		PENNA DEPT FRST & WTR	2 3
LEHIGHTON	4934	CARBON	LEHIGH	40 50	75 43	580	EST		7A		14		GOODWIN DE FREHN	2 3 4 7
LE ROY	4972	BRADFORD	SUSQUEHANNA	41 40	76 43		EST		6P		12		DIMMIS M BAILEY	2 3
LEWIS RUN 3 MI S	4984	MC KEAN	ALLEGHENY	41 50	78 39	1700	EST		7A		1		BRADFORD DIS FLD COMM	2 3
LEWISTOWN	4992	MIFFLIN	JUNIATA	40 35	77 35	480	EST	7A	7A	10	10		AMERICAN VISCOSE CO	2 3 4
LINESVILLE 6 MI NW	5050	CRAWFORD	BEAVER	41 42	80 31	1015	EST		8A		31		RETA M CRUMB	2 3
LOCK HAVEN 1	5104	CLINTON	WEST BRANCH	41 08	77 28	680	EST	7A	7A	57	57		SAMUEL C DICKEY JR	2 3 5
LOCK HAVEN 2	5109	CLINTON	WEST BRANCH	41 08	77 27	620	EST		MID		11		HUGH F PARKER	2 3 4
LONG POND	5160	MONROE	LEHIGH	41 03	75 30	1860	EST		8A		2		THOMAS MECKES	2 3
LYCIPPUS 1 MI E	5259	WESTMORELAND	YOUGHIOGHENY	40 14	79 24	1380	EST		5P	53	57		WESTMORELAND WATER CO	2 3
MAPLE GLEN	5368	MONTGOMERY	DELAWARE	40 11	75 11	370	EST		8A		3		L F SCHEIBNER JR	2 3
MAPLETON DEPOT	5381	HUNTINGDON	JUNIATA	40 24	77 56	580	EST		7A		10		IVY S BUCHANAN	2 3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
MARCUS HOOK	53	DELAWARE	DELAWARE	39 48	75 25	12	EST	8A	8A	22	22		SUN OIL CO	2 3 5
MARIENVILLE	5400	FOREST	ALLEGHENY	41 28	79 07	1780	EST		MID		9		U S FOREST SERVICE	2 3 4
MARION CENTER 2 MI SE	5408	INDIANA	CONEMAUGH	40 45	79 02	1610	EST		7A		6		U S E P B G	2 3
MARSHBURG	5435	MC KEAN	ALLEGHENY	41 51	78 46	2120	EST		8A		1		BRADFORD DIS FLD COMM	2 3
MARTINSBURG	5453	BLAIR	JUNIATA	40 18	78 20	1360	EST		MID		11		BLUE MT CANNERIES	2 3 4
MARTINSBURG BLAIR CO AIRPORT	5454	BLAIR	JUNIATA	40 19	78 19	1460	EST	MID	MID	6	6		C A A	2 3 4 5
MATAMORAS	5470	PIKE	DELAWARE	41 22	74 42	455	EST		8A		44		HARRY BISLAND	2 3
MAUCH CHUNK 1 MI SW	5479	CARBON	LEHIGH	40 51	75 46	800	EST	4P	4P	56	56		HENRY S HAAK	2 3 5
MAYBURG	5490	FOREST	ALLEGHENY	41 36	79 13	1150	EST		7A		3		OPAL LITTLEFIELD	2 3
MC CONNELLSBURG	5526	FULTON	POTOMAC	39 56	78 00	910	EST		7A		16		RUTH L ROETTGER	2 3
MC CONNELLSTOWN 4 MI NW	5534	HUNTINGDON	JUNIATA	40 30	78 08	2340	EST		7A		8		PA DEPT FRST & WATER	2 3
MC CORMICK	5541	INDIANA	ALLEGHENY	40 50	79 07	1180	EST		7A		8		U S E P B G	2 3
MC KEESPORT	5573	ALLEGHENY	ALLEGHENY	40 21	79 52	800	EST		7A		20		NATL TUBE CO	2 3 7
MEADVILLE 1 MI S	5606	CRAWFORD	ALLEGHENY	41 37	80 10	1065	EST	8A	8A	54	55		CITY OF MEADVILLE	2 3 4 5
MEDIX RUN	5627	ELK	WEST BRANCH	41 17	78 23	1125	EST		MID		7		ELVA M SNYDER	2 3 4
MERCER 5 MI NE WB AIRPORT	5649	MERCER	BEAVER	41 17	80 12	1296	EST	MID	MID	9	9		U S WEATHER BUREAU	2 3 4 5
MERCER	5654	MERCER	BEAVER	41 14	80 15	1240	EST		MID		9		PENNA DEPT HIGHWAYS	2 3 4
MERCERSBURG	5662	FRANKLIN	POTOMAC	39 50	77 54	605	EST		8A				ROLLIN P GILBERT	2 3
MEYERSDALE	5684	SOMERSET	YOUGHIOGHENY	39 49	79 02	1980	EST		8A		10		LOUIS M WELD	2 3
MIDDLETOWN OLMSTED FIELD	5703	DAUPHIN	SUSQUEHANNA	40 12	76 46	303	EST	MID	MID	18	18		U S AIR FORCE	2 3 5
MIDLAND DAM NO 7	5710	BEAVER	OHIO	40 38	80 28	780	EST	11P	7A	11	12		PERRY P CAMPBELL	2 3 5 7
MILAN	5731	BRADFORD	SUSQUEHANNA	41 55	76 32	820	EST		MID		11		W S ROBERTS	2 3 4
MILANVILLE	5738	WAYNE	DELAWARE	41 40	75 04	750	EST		8A		3		CHAS W DAVIS	2 3
MILLERSBURG 2 MI E	5775	DAUPHIN	SUSQUEHANNA	40 32	76 56	545	EST		MID		11		WM H NOVINGER	2 3 4
MILLVILLE	5816	COLUMBIA	SUSQUEHANNA	41 08	76 32	820	EST		MID		11		RUSSELL SHEPLEY	2 3 4
MILROY	5825	MIFFLIN	JUNIATA	40 43	77 35	770	EST		8A		6		DAVID S NACE	2 3
MONROE FURNACE	5884	HUNTINGDON	JUNIATA	40 42	77 54	1200	EST		MID		7		PENNA STATE COLLEGE	2 3 4
MONROETON 2 MI S TOWER	5889	BRADFORD	SUSQUEHANNA	41 42	76 28	2200	EST		7A		8		PA DEPT FRST & WATERS	2 3
MONTROSE 3 MI E HIGHWAY SHED	5915	SUSQUEHANNA	SUSQUEHANNA	41 50	75 49	1175	EST	8A	8A	43	43		HARRY S FAUCHER	2 3 5
MONTROSE	5920	SUSQUEHANNA	SUSQUEHANNA	41 50	75 52		EST		MID		11		CONSUMERS WATER CO	2 3 4
MOSGROVE L 8	5987	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST		7A		24		U S E P B G	2 3 7
MOUNT POCONO 2 MI N WB AP	6055	MONROE	DELAWARE	41 08	75 2	1914	EST	MID	MID	41	43		U S WEATHER BUREAU	2 3 4 5
MOUNT UNION 1 MI NW	6067	MIFFLIN	JUNIATA	40 24	77 53	800	EST		MID		11		MT UNION WATER WORKS	2 3 4
MURRYSVILLE	6111	WESTMORELAND	MONONGAHELA	40 26	79 42	903	EST		MID		3		WM MC WILLIAMS	2 3 4
MYERSTOWN	6126	LEBANON	SCHUYLKILL	40 23	76 18	520	EST		8A		8		JOHN W WANDELL	2 3
NATRONA LOCK NO 1	6151	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST		7A		21		U S E P B G	2 3 7
NEFFS MILLS 4 NE	6174	HUNTINGDON	JUNIATA	40 40	77 55	960	EST	8A	8A	8	8	8	PENNA STATE COLLEGE	2 3 4 5
NESHAMINY FALLS	6194	BUCKS	DELAWARE	40 09	74 57	40	EST		5P	27	33		PHILA SUB WATER CO	2 3
NEWBURG 3 MI W	6225	FRANKLIN	SUSQUEHANNA	40 09	77 37	745	EST	MID	MID	7	7		PENNA TURNPIKE COMM	2 3 5
NEW CASTLE 1 MI N PUMP STA	6233	LAWRENCE	BEAVER	41 01	80 22	900	EST	11P	11P	65	62		NEW CASTLE WATER CO	2 3 4 5
NEWELL	6246	FAYETTE	MONONGAHELA	40 05	79 53	800	EST	MID	NOON	35	27		GENERAL CHEMICAL CO	2 3 5
NEW PARK	6289	YORK	SUSQUEHANNA	39 44	76 31	780	EST		6P		24		CLINTON J ALLEN	2 3
NEWPORT	6297	PERRY	JUNIATA	40 29	77 08	400	EST	7A	7A	1	18		FRANCES FRY	2 3 7
NEW TRIPOLI	6326	LEHIGH	LEHIGH	40 41	75 46	580	EST		6P		10		FRED C OSWALD	2 3
NORRISTOWN	6370	MONTGOMERY	SCHUYLKILL	40 07	75 20	43	EST		8A				GEORGE H BOONE	2 3
ORWELL 3 MI N	6621	BRADFORD	SUSQUEHANNA	41 55	76 16	1620	EST		6P		5		WM I BROWN	2 3
PALM	6681	MONTGOMERY	SCHUYLKILL	40 26	75 32	380	EST		8A		7		FRED C ESCHBACK	2 3
PALMERTON	6689	CARBON	LEHIGH	40 48	75 37	435	EST	MID	MID	31	32		NEW JERSEY ZINC CO	2 3 4 5
PARKERS LANDING	6719	ARMSTRONG	ALLEGHENY	41 06	79 41	870	EST		7A		64		JANNETTE E SCHULTZ	2 3 7
PARKERS LANDING 1 MI E	6724	CLARION	ALLEGHENY	41 06	79 40	1100	EST		MID		10		PAUL M NEELY	2 3 4
PARK PLACE 1 NW WB AIRPORT	6734	SCHUYLKILL	SCHUYLKILL	40 51	76 06	1952	EST	MID	MID	5	5		U S WEATHER BUREAU	2 3 4 5
PAUPACK	6762	PIKE	DELAWARE	41 24	75 12	1523	EST		8A		32		LOUISE VETTERLINE	2 3
PECKS POND	6786	PIKE	DELAWARE	41 17	75 05	1380	EST		8A		3		CARRIE NESS	2 3
PHILADELPHIA FRANKLIN INST	6884	PHILADELPHIA	DELAWARE	39 58	75 10	100	EST	10A	10A	7	7		FRANKLIN INSTITUTE	7
PHILADELPHIA WB AIRPORT	6889	PHILADELPHIA	DELAWARE	39 53	75 14	20	EST	MID	MID	7	7		U S WEATHER BUREAU	2 3 4 5
PHILADELPHIA POINT BREEZE	6899	PHILADELPHIA	DELAWARE	39 55	75 12	85	EST	MID	MID	24	24		ATLANTIC REFINING	2 3 4 5
PHILADELPHIA SHAWMONT	6904	PHILADELPHIA	DELAWARE	40 02	75 15	70	EST	7P	7P	32	53		SCHUYLKILL NAVIG CO	2 3 5
PHILADELPHIA WB CITY	6909	PHILADELPHIA	DELAWARE	39 57	75 09	174	EST	MID	MID	77	77		U S WEATHER BUREAU	2 3 4 5
PHILLIPSBURG WB AIRPORT	6916	CENTRE	JUNIATA	40 54	78 05	1914	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4
PHOENIXVILLE 1 MI E PUMP STA	6927	CHESTER	SCHUYLKILL	40 07	75 30	105	EST	8A	8A	37	39		PHILA SUB WATER CO	2 3 4 5
PIKES CREEK	6939	LUZERNE	SUSQUEHANNA	41 18	76 06	1250	EST		MID		11		ANDREW STELTZ	2 3 4
PINE GROVE POWER PLANT	6954	SCHUYLKILL	SUSQUEHANNA	40 34	76 22	515	EST		8A		24		PA POWER & LIGHT CO	2 3
PINE GROVE MILLS 1 MI S	6962	HUNTINGDON	JUNIATA	40 43	77 54	2060	EST		MID		6		PENNA STATE COLLEGE	2 3
PITTSBURGH 7 MI SE WB AP	6992	ALLEGHENY	MONONGAHELA	40 21	79 56	1273	EST	MID	MID	18	18		U S WEATHER BUREAU	2 3 4 5
PITTSBURGH WB CITY	6997	ALLEGHENY	OHIO	40 26	80 00	914	EST	MID	MID	78	78		U S WEATHER BUREAU	2 3 4 5 7
PLEASANT MOUNT 1 MI W	7029	WAYNE	DELAWARE	41 44	75 27	1810	EST		7A		27		PENNA GAME COMM	2 3 4
PORT ALLEGHANY	7103	MC KEAN	ALLEGHENY	41 48	78 17	1500	EST		7A		6		RALPH MC CONNELL	2 3
PORT ALLEGHANY 3 MI SW HCHRY	7108	MC KEAN	ALLEGHENY	41 47	78 19	1580	EST		7A		6		CRYSTAL SPG TROUT HCY	2 3
PORT CLINTON	7116	SCHUYLKILL	SCHUYLKILL	40 35	76 02	430	EST	8A	8A	10	10		EARL E RARICK	2 3 4 5
PORTLAND	7127	NORTHAMPTON	DELAWARE	40 55	75 06	297	EST		8A		5		JOINT BRIDGE COMM	2 3
POTTSTOWN	7149	MONTGOMERY	SCHUYLKILL	40 14	75 39	180	EST		8A		57		MILES E SMITH	2 3
POTTSVILLE	7156	SCHUYLKILL	SCHUYLKILL	40 41	76 12	820	EST		8A		66		POTTSVILLE WATER CO	2 3
POTTSVILLE BRIDGE	7161	SCHUYLKILL	SCHUYLKILL	40 41	76 11	640	EST		7A		5		JOHN M SMITH	2 3
PUNXSUTAWNEY 1	7217	JEFFERSON	ALLEGHENY	40 57	78 59	1220	EST		7A		28		JOHN VOLANSKY	2 3
PUNXSUTAWNEY 2	7222	JEFFERSON	ALLEGHENY	40 56	78 58	1360	EST		MID		8		PENNA ELEC CO	2 3
PUTNEYVILLE 2 SE DAM	7229	ARMSTRONG	ALLEGHENY	40 55	79 17	1270	EST	8A	8A	5	5		U S E P B G	2 3 4 5
QUAKERTOWN	7239	BUCKS	DELAWARE	40 26	75 20	430	EST	5P	5P	62	64		JOHN E BENNER	2 3 5
RAYMOND	7310	POTTER	ST LAWRENCE	41 52	77 52	2220	EST		MID		10		ARTHUR LENGAN	2 3 4
READING WB CITY	7318	BERKS	SCHUYLKILL	40 20	75 58	289	EST	MID	MID	51	79		U S WEATHER BUREAU	2 3 4 5 7
RENOVO	7409	CLINTON	WEST BRANCH	41 19	77 46	645	EST		7A		51		CAROLINE W BAIRD	2 3 7
RENOVO 6 MI S STATE CAMP	7410	CLINTON	WEST BRANCH	41 14	77 46	2035	EST		MID		11		PA DEPT FRST & WATERS	2 3 4
RETREAT FARMS	7417	LUZERNE	SUSQUEHANNA	41 11	76 06	560	EST	6P	6P	16	16		THEO J SAMPSON	2 3 5
REW	7425	MC KEAN	ALLEGHENY	41 54	78 32	2250	EST		8A		1		BRADFORD DIS FLD COMM	2 3
RICES LANDING LOCK NO 6	7443	GREENE	MONONGAHELA	39 57	80 00	775	EST		7A		14		U S E P B G	2 3
RIDGWAY	7477	ELK	ALLEGHENY	41 26	78 44	1385	EST	7A	7A	33	42		WEST PENN POWER CO	2 3 4 5

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
RINGTOWN 1 MI SW	7497	SCHUYLKILL	SUSQUEHANNA	40 51	76 15	1080	EST		ss		58		BORO SHENANDOAH	2 3 5
ROCHESTER 1 MI N	7540	BEAVER	BEAVER	40 43	80 18	935	EST		MII				DUQUESNE LIGHT CO	2 3 4
RUSH 6 MI S	7694	SUSQUEHANNA	SUSQUEHANNA	41 42	76 03		EST		8A		4		M MAUDE MC CAIN	2 3
SAFE HARBOR	7732	LANCASTER	SUSQUEHANNA	39 56	76 23	180	EST		NOON		10		PA WATER & POWER CO	2 3
SAGAMORE 1 MI SE	7739	INDIANA	ALLEGHENY	40 46	79 14	1320	EST		7A		8		U S E P B G	2 3
SALTSBURG	7796	INDIANA	KISKIMINETAS	40 29	79 27	849	EST		8A		54		WALTER B SULLIVAN	2 3 7
SAXTON	7846	BEDFORD	WEST BRANCH	40 13	78 15	800	EST		7A		8		HUNTINGDON BROADTOP RR	2 3 4
SCANDIA	7855	WARREN	ALLEGHENY	41 55	79 02	2040	EST		MID		8		U S E P B G	2 3 4
SCHENLEY	7863	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST		7A		70		U S E P B G	2 3 7
SCRANTON WB CITY	7902	LACKAWANNA	SUSQUEHANNA	41 25	75 40	805	EST	MID	MID	48	48		U S WEATHER BUREAU	2 3 4
SELINSGROVE AIRPORT	7931	SNYDER	SUSQUEHANNA	40 48	76 52	460	EST	5P	5P	58	58		EUGENE H STEESE MGR	2 3 5
SELLERSVILLE 2 MI NW	7938	BUCKS	SCHUYLKILL	40 23	75 20	530	EST		MID		11		SELLERSVILLE WATER CO	2 3 4
SEWARD	7956	WESTMORELAND	CONEMAUGH	40 25	79 01	1122	EST		7A		10		EDW L STUTZMAN	2 3 7
SHADE GAP	7965	HUNTINGDON	JUNIATA	40 11	77 52	940	EST		MID		10		HELEN L PYLE	2 3 4
SHAMOKIN	7978	NORTHUMBERLAND	SUSQUEHANNA	40 47	76 34	750	EST		8A		44		ROARING CREEK WTR CO	2 3
SHARPSVILLE	8000	MERCER	BEAVER	41 16	80 29	951	EST		7A		10		MRS. M J KELLEY	2 3
SHEFFIELD 6 MI W CHERRY GROVE	8026	WARREN	ALLEGHENY	41 42	79 09	1940	EST		MID		11		L N HANSON	2 3 4
SHIPPENSBURG	8073	CUMBERLAND	SUSQUEHANNA	40 03	77 32	709	EST	4P	4P	16	20		STATE TEACHERS COLL	2 3 5
SMETHPORT HIGHWAY SHED	8190	MC KEAN	ALLEGHENY	41 48	78 27	1510	EST		MID		11		PENNA DEPT OF HWYS	2 3 4
SOMERSET WATER WORKS	8249	SOMERSET	YOUGHIOGHENY	40 01	79 05	2100	EST	6P	6P	79	65		D L GROVE	2 3 5
SOMERSET 2 MI E SUBSTATION	8254	SOMERSET	YOUGHIOGHENY	40 01	79 03	2280	EST		7A		13		PENNA ELEC CO	2 3
SOUTH MOUNTAIN	8308	FRANKLIN	POTOMAC	39 51	77 30	1600	EST		7A		9		PENNA DEPT OF HEALTH	2 3
SPRING GROVE	8379	YORK	SUSQUEHANNA	39 52	76 52	470	EST		4P		8		P H GLATFELTER CO	2 3 4
SPRINGS 1 MI SW	8395	SOMERSET	YOUGHIOGHENY	39 44	79 10	2500	EST	8P	8P	29	29		ALLEN E YODER	2 3 5
SPRUCE CREEK	8405	HUNTINGDON	JUNIATA	40 36	78 08	760	EST		7A		2		MRS C E SEIBER	2 3
STATE COLLEGE	8449	CENTER	WEST BRANCH	40 48	77 52	1175	EST	MID	MID	61	64		PENNA STATE COLLEGE	2 3 4 5
STRAUSSTOWN	8570	BERKS	SCHUYLKILL	40 30	76 11	600	EST		8A		3		ROBT B HIESTER	2 3
STRONGSTOWN	8589	INDIANA	CONEMAUGH	40 33	78 55	1880	EST		MID		8		HARRY F BENNETT	2 3 4
STROUDSBURG 2 MI E SUBSTATION	8596	MONROE	DELAWARE	40 60	75 09	327	EST	9A	9A	31	31		METROPOLTN EDISON CO	2 3
STROUDSBURG	8601	MONROE	DELAWARE	40 59	75 11	390	EST		MID		10		SEWAGE TREATMENT WKS	2 3 4
STUMP CREEK	8610	JEFFERSON	ALLEGHENY	41 01	78 50	1320	EST		7A		8		U S E P B G	2 3
SUNBURY	8668	NORTHUMBERLAND	SUSQUEHANNA	40 51	76 48	400	EST		7A		26		CHAS W BAYLER	2 3 4 7
SUNBURY AIRPORT 2 MI N	8673	NORTHUMBERLAND	SUSQUEHANNA	40 54	76 47	454	EST	MID	MID	3	3		C A A	2 3 5
SUSQUEHANNA	8692	SUSQUEHANNA	SUSQUEHANNA	41 57	75 36	1000	EST		7A		14		LAURA BENSON	2 3
SUTERSVILLE	8699	WESTMORELAND	YOUGHIOGHENY	40 14	79 48	770	EST		7A		8		J H CRUMRINE	2 3 7
TAMAQUA	8758	SCHUYLKILL	SCHUYLKILL	40 48	75 58	800	EST		7A		7		MARY L ROBERTS	2 3
TAMAQUA 4 MI N STILL CRK DAM	8763	SCHUYLKILL	SCHUYLKILL	40 51	76 00	1120	EST		7A		16		PANTHER VALLEY WTR CO	2 3 4
TAMARACK 2 MI S FIRE TOWER	8770	CLINTON	WEST BRANCH	41 24	77 51	2200	EST		7A	6	8		JAMES E SCHWARTZ	2 3 5
TIONESTA 2 MI SE DAM	8873	FOREST	ALLEGHENY	41 29	79 26	1200	EST	8A	8A	5	12		U S E P B G	2 3 5
TITUSVILLE 2 MI S	8880	VENANGO	ALLEGHENY	41 36	79 40	1550	EST	5P	5P	5	5		U S WEATHER BUREAU	2 3 5
TITUSVILLE	8885	CRAWFORD	ALLEGHENY	41 38	79 40	1200	EST		MID		10		PENNA ELECTRIC CO	2 3 4
TOWANDA	8905	BRADFORD	SUSQUEHANNA	41 46	76 26	755	EST	7P	7P	54	54		M ORDELIA PARKS	2 3 4 5 7
TOWER CITY 5 SW DAM	8910	DAUPHIN	SUSQUEHANNA	40 32	76 37	725	EST		ss		3		HARRISBURG WATER DEPT	2 3
TUNKHANNOCK 1 MI S AIRPORT	8982	WYOMING	SUSQUEHANNA	41 32	75 57	639	EST	9A	9A	3	7		J D CHAMBERS MGR	2 3 4 5
TUNNELTON	8989	INDIANA	CONEMAUGH	40 27	79 23	900	EST		MID		8		W D WEIMER	2 3 4
TYRONE 4 MI NE BALD EAGLE	9024	BLAIR	JUNIATA	40 43	78 11	1080	EST		MID		11		FRED L FRIDAY	2 3 4
UNION CITY 1 MI W	9041	ERIE	ALLEGHENY	41 54	79 52	1280	EST		MID		11		PENNA ELECTRIC CO	2 3 4
UNIONTOWN	9050	FAYETTE	MONONGAHELA	39 54	79 44	1040	EST	6P	6P	59	60		WM W MARSTELLAR	2 3 5
VANDERGRIFT	9128	WESTMORELAND	KISKIMINETAS	40 36	79 33	800	EST		7A		9		UNITED ENG & FNDRY CO	2 3 7
VANDERGRIFT 2 MI W	9133	WESTMORELAND	KISKIMINETAS	40 36	79 36	995	EST		MID		10		EUGENE R YOUNG	2 3 4
VIRGINVILLE	9196	BERKS	SCHUYLKILL	40 31	75 52	230	EST		8A		3		IRENE M WERLEY	2 3
WARREN	9298	WARREN	ALLEGHENY	41 50	79 09	1190	EST	7P	7A	52	60		MERRELL L JORDAN	2 3 5 7
WASHINGTON	9312	WASHINGTON	OHIO	40 11	80 14	1200	EST		MID		10		PENNA DEPT OF HWYS	2 3 4
WATROUS 9 MI S LEE FIRE TOWER	9340	TIOGA	WEST BRANCH	41 37	77 33	2425	EST		7A		5		PA DEPT FRST & WATERS	2 3
WAYNESBURG 2 MI W	9362	GREENE	MONONGAHELA	39 54	80 13	980	EST	6P	7A	19	21		MFRS LIGHT & HEAT CO	2 3 5
WAYNESBURG 1 MI E	9367	GREENE	MONONGAHELA	39 54	80 10	940	EST		MID		10		RALPH M AMOS	2 3 4
WEBSTER MILLS 3 MI SW	9380	FULTON	POTOMAC	39 49	78 05	920	EST		MID		7		WM D COVER	2 3 4
WELLSBORO	9407	TIOGA	WEST BRANCH	41 45	77 17	1319	EST	7A	7A	69	78		M S BLISS	2 3 5
WELLSBORO 2 MI E	9412	TIOGA	WEST BRANCH	41 45	77 15	1610	EST		MID		12		IDA S MAYNARD	2 3 4
WELLSVILLE	9420	YORK	SUSQUEHANNA	40 03	76 57	500	EST	5P	5P	2	2		D D HOOVER	2 3 5
WERNERSVILLE	9430	BERKS	SCHUYLKILL	40 20	76 05	400	EST		7P		11		J H THOMPSON	2 3
WEST CHESTER	9464	CHESTER	DELAWARE	39 57	75 36	440	EST	7P	7P	93	98		CLYDE T SAYLOR	2 3 5
WEST GROVE 1 MI SE	9503	CHESTER	DELAWARE	39 48	75 49	452	EST		8A		19		CONRAD-PYLE CO	2 3
WEST NEWTON	9555	WESTMORELAND	MONONGAHELA	40 13	79 46	771	EST		7A		5		A B ADAMS	2 3
WHITESBURG	9655	ARMSTRONG	ALLEGHENY	40 45	79 24	1530	EST		7A		8		U S E P B G	2 3
WILKES-BARRE	9702	LUZERNE	SUSQUEHANNA	41 15	75 52	700	EST		7A		63		MARY G MIRMAK	2 3 7
WILLIAMSPORT 4 SE TOWER	9723	LYCOMING	WEST BRANCH	41 13	76 57	1990	EST		7A		8		PA DEPT FRST & WATERS	2 3
WILLIAMSPORT 4 E WB AIRPORT	9728	LYCOMING	WEST BRANCH	41 14	76 55	525	EST	MID	MID	8	8		U S WEATHER BUREAU	2 3 4 5
WILLIAMSPORT	9733	LYCOMING	WEST BRANCH	41 14	76 59	540	EST		7A	55	62		SAMUEL W PURSELL	2 3 4 7
WILLIAMSTOWN	9741	DAUPHIN	SUSQUEHANNA	40 35	76 38	775	EST	5P	7A	33	14		GORDON E LOWER	2 3 5
WIND GAP	9781	NORTHUMBERLAND	DELAWARE	40 49	75 20	730	EST		MID		3		GEO R HARTZ	2 3 4
YORK 3 MI SW PUMP STATION	9933	YORK	SUSQUEHANNA	39 55	76 45	390	EST	5P	5P	50	61		CLAYTON L BOTT	2 3 5
YORK 2 MI S FILTER PLANT	9938	YORK	SUSQUEHANNA	39 56	76 44	640	EST		MID		11		YORK WATER CO	2 3 4
YORK HAVEN	9950	YORK	SUSQUEHANNA	40 06	76 43	300	EST		8A		28		METROPOLTN EDISON CO	2 3
YOUNGSVILLE	9966	WARREN	ALLEGHENY	41 51	79 19	1205	EST		MID		8		HIRAM C LYONS	2 3 4
ZIONSVILLE 1 MI SW	9994	LEHIGH	SCHUYLKILL	40 28	75 31	820	EST		6P		17		HORACE MILLER	2 3

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- \- No record.
- \+ And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- a, b, c, through i. Number of days missing. a indicates one day missing, b indicates two days missing, etc.
- ss This entry in time of observation column in Station Index means sunset.
- k Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
- r Station equipped with recording gage only. All amounts in Table 3 are from non-recording gages, except for stations with this reference.
- x Daily totals are for the 24 hours ending at 1:30 A.M., E.S.T., of the following day.
- z Hourly amounts from recording gage at the same site may be found in Table 4.
- T Trace, precipitation less than .005 inch, or snow depth less than .05 inch.

Data in Table 4 were formerly published in the Hydrologic Bulletins for North Atlantic District and Ohio River District. Amounts in this table are from recording gages. Traces are not shown.

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

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CLIMATOLOGICAL DATA

PENNSYLVANIA

JUNE 1948

Volume LIII No. 6



NEW YORK CITY: 1948

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PENNSYLVANIA - JUNE 1948

L. F. Conover, Section Director - Harrisburg

GENERAL SUMMARY

This was the second consecutive cool and wet month. Rainfall for the first six months is now 3 inches in excess of average and the temperature, despite a fairly warm March and April, has averaged about 1.5° below normal each day.

The month opened under favorable conditions; a few showers were recorded and cool nights offset warm afternoons. In contrast to the favorable conditions experienced during the first week, the second week was cool, beginning with a near record minimum of 28° on the 6th at Phillipsburg, and more than normal precipitation. After the first 5 days there were thunderstorms reported some place in Pennsylvania on 21 of the following 25 days.

Heavy rains, winds and hail damaged property and crops to various degrees, and further interrupted their growth, hampered by wet fields and low temperatures. Phillipsburg reported a minimum of 32° on the 17th. Lightning resulted in a loss of $10,000 when a home was burned to the ground near Hawley on the 7th. Broken window panes and other minor property damage was reported in the south-central portion of the State on the 12th. Hail stones, 2 inches in diameter, fell in Bloserville.

Summer came abruptly by the 24th and was all the more pronounced due to the cool and wet period prevailing until the last week of the month. A thunder squall on the evening of the 24th at Philadelphia, resulted in an observed wind velocity of 46 miles per hour from the southwest and a short time later, the airport reported a velocity of 70 miles per hour with gusts to 90 miles per hour. Lightning again was active in the Hawley area, hail did crop and property damage in Chambersburg. The most notable storm occurred on the 27th when a tornado was reported to have caused $100,000 worth of damage in Hazelton.

At the close of the month, fields were weedy but crops were making good recovery, apparently not being affected materially by the comparatively severe weather of the month. The winter wheat yield will be above average; potatoes are in good condition under the ideal weather combination of cool nights and ample moisture; corn, oats and hay were not as well favored by the elements.

TEMPERATURE

The average temperature for the State as deduced from the reports of 114 stations was 66.7°, which is 1.4° below the 61-year normal for June. The highest monthly mean was 73.0° at Marcus Hook, and the lowest was 59.9° at Putneyville 2 SE. Extremes ranged from a maximum of 100° at Putneyville 2 SE on the 27th to a minimum of 28° at Kane 1 NW on the 6th.

PRECIPITATION

The average precipitation for the State, as deduced from the observations at 312 stations, was 5.39 inches, which is 1.41 inch above the 61-year normal for June. The greatest monthly amount was 8.38 inches at Indiana 2 SE, while the least was 2.20 inches at Ringtown 1 SW. The greatest amount recorded in any 24 consecutive hours was 4.07 inches at Indiana 2 SE on the 19th.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUNSHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
ERIE	30.19	1	29.41	8	6.8	25	SW	29	88	80	64	67	47	54
HARRISBURG	30.21	22	29.47	8	5.9	37	SW	8	81	79	52	67	62	10
PHILADELPHIA	30.25	22	29.48	8	6.7	23	SW	24	88	82	57	71	51	3
PHILLIPSBURG	30.20	21	29.46	8	-	-	-	-	92	85	57	70	-	143
PITTSBURGH	30.15	1	29.50	8	8.8	36	SW	29	78	79	51	64	52	11
READING	30.22	23	29.47	8	8.7	34	W	8	-	76	-	-	53	8
SCRANTON	30.24	22	29.46	8	5.6	26	NW	24	-	77	55	-	63	47

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1888	68.4	100	30	3.04		9
1889	66.7	95	33	5.43		15
1890	70.1	97	33	3.42		9
1891	68.2	100	30	4.50		11
1892	71.8	99	40	5.64		13
1893	69.8	100	38	3.12		9
1894	69.6	102	30	2.57		10
1895	71.4	104	32	3.50		9
1896	67.4	98	32	4.64		11
1897	64.8	96	28	3.38		11
1898	69.6	100	33	2.79		9
1899	69.9	101	32	3.51		9
1900	69.9	97	35	3.60		10
1901	69.1	103	32	3.47		10
1902	66.0	97	32	5.97		13
1903	63.5	90	34	6.53		15
1904	67.9	96	32	4.06		13
1905	68.0	99	30	4.39		13
1906	69.3	97	28	5.43		13
1907	63.6	98	30	4.99	T	12
1908	68.8	102	28	2.36		7
1909	68.8	96	34	4.48		13
1910	65.4	95	32	4.31		11
1911	68.3	99	38	4.71		12
1912	65.6	96	29	3.36		8
1913	68.2	99	20	2.26		7
1914	68.6	101	25	3.71		9
1915	65.6	92	31	4.00		11
1916	63.7	89	28	6.14		15
1917	66.8	92	32	5.38		14
1918	66.0	98	29	3.46	T	10
1919	71.2	102	32	3.90		10

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1920	67.0	99	32	4.97		13
1921	70.6	101	26	3.12		8
1922	69.5	96	30	5.11		13
1923	70.9	103	32	2.73		9
1924	65.8	98	26	5.57		15
1925	71.9	104	29	3.04		9
1926	64.1	94	23	3.63		12
1927	63.8	99	25	3.72		9
1928	65.5	93	30	7.96		17
1929	67.8	98	28	3.56		10
1930	69.1	100	22	4.20		9
1931	68.5	102	28	3.71		9
1932	68.5	98	26	3.15		11
1933	70.9	107	28	2.58		8
1934	72.9	104	35	3.64		9
1935	67.4	96	33	4.22		12
1936	68.5	100	33	3.80		10
1937	69.5	99	38	4.37		12
1938	67.1	99	32	5.14		11
1939	69.9	101	35	4.46		13
1940	67.8	95	31	4.11		13
1941	68.6	99	31	4.95		12
1942	69.0	96	34	3.82		13
1943	73.0	101	35	3.33		10
1944	69.3	100	29	4.53		12
1945	66.7	103	27	4.07	T	14
1946	65.8	100	28	6.05		13
1947	66.0	98	29	4.04		12
1948	67.3	100	28	5.19		12
Period	68.1	107	20	4.18	T	11

TABLE 2
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ATLANTIC DRAINAGE																		
ALLENTOWN WB AIRPORT	68.3	- 1.5	96	28	44	6	3		4.56	.56	1.19	7				18	7	1
ALLENTOWN GAS CO	68.2	- 1.6	94	30	43	6	3		6.31	2.41	1.38	19				16	8	3
ALTOONA HORSESHOE CURVE	66.8	0.0	89	24+	37	6			7.15	3.05	3.11	19				16	6	1
ARENDTSVILLE	69.8	- 0.9	95	30	42	6	4		5.37	1.26	2.49	13				13	6	1
AUSTINBURG 2 W																4	3	
AVOCA WILKES-BARRE SCRANTON	67.0		92	29	44	6	2		7.20		1.78	27				13	9	3
BEAR GAP			90	28+			2		2.62		.93	19				11	2	
BELLEFONTE ROCKVIEW FARM	67.6b		90	28+	43	17	2		3.34	- .89	1.03	19				10	3	1
BERWICK	60.0		93	24	42	6	4		4.73		1.24	19				14	6	2
BETHLEHEM RIVER STATION									7.58		1.70	29				16	7	3
BETHLEHEM LEHIGH UNIV	69.2	- 1.5	96	29	50	6	3		7.26	3.19	2.03	19				16	5	3
BLAIN									4.72		1.98	19				16	3	2
BLAKESLEE CORNERS									4.96		1.70	19				13	5	1
BLOSERVILLE 1 N									5.11	.37	2.10	18				12	5	2
BREEZEWOOD									4.91		2.15	19				12	5	1
BUFFALO MILLS									5.16	1.63	2.41	30				12	5	1
BURNT CABINS 2 NE	67.1b		95	24	32	6	4	1	6.59		2.83	19				13	6	2
CAMP HILL									4.12		1.23	19				10	5	1
CANTON 1 NW	63.0		87	30	40	6			2.85		.67	19				12	4	
CARLISLE	69.9	- 1.2	96	29	42	6	5		5.32	1.37	1.77	19				13	4	3
CARROLLTOWN									8.05		3.24	19				12	7	3
CARTER CAMP									4.48		.82	24				13	7	
CEDAR RUN									2.86	- .88	.52	8				14	7	
CHADDS FORD									4.42		1.71	19				13	6	1
CHAMBERSBURG	69.8	- 0.5	94	24	40	6	4		5.62	1.67	1.28	12				14	6	3
CLAUSSVILLE									6.95		1.50	23				8	7	4
CLEARFIELD									4.30	- .22	.81	9				11	4	
COALDALE 2 NW									4.32		1.27	28				14	5	1
COALPORT	64.0		92	30	29	6	1	2	5.68		1.85	19				10	8	1
COATESVILLE 1 SW	69.6	- 0.8	94	29	39	6	3		6.58	2.37	1.24	19				14	10	2
COATESVILLE									6.21		1.20	19				15	10	2
COLUMBIA	71.4		95	28	43	6	7		5.48		1.95	19				14	4	2
CONSHOHOCKEN									3.93	.19	1.10	13				13	6	1
COVINGTON									3.18		.68	4				11	8	
CURWENSVILLE 6 NW	63.4		85	23	38	6			6.09		1.45	19				12	6	2
DANVILLE									4.47		.85	19				13	8	
DAUPHIN 3 N									4.55		1.50	19				15	3	2
DINGMANS FERRY									5.15		.92	28				17	9	
DOYLESTOWN									5.63	1.62	1.12	13				16	7	1
DRIFTWOOD									5.83		1.27	18				14	8	1
DU BOIS 7 E									7.02	2.58	1.83	13				13	7	2
DUSHORE									4.51		1.34	27				12	5	1
EAGLES MERE	62.2		85	30	40	7			3.99	- .57	.91	19				17	7	
EASTON																		
EAST WATERFORD 3 E	66.4		88	29	47	6			5.09	.04	1.91	19				17	3	2
ELIZABETHTOWN									4.80		1.31	13				15	5	3
EMPORIUM	65.9	- 0.1	90	30	32	6	1	1	4.41	.03	.63	28				15	8	
ENGLISH CENTER									2.96		.78	27				11	4	
EPHRATA	70.5	0.6	96	29	45	6	4		5.57	1.20	1.17	19				13	5	2
EQUINUNK									4.15		.58	7				13	9	
EVERETT	67.4	- 0.1	93	24	36	6	3		6.06	1.39	1.70	20				15	5	3
FREDERICKSVILLE 1 SE	66.6a		91	29	39	6	2		4.68		1.78	20				13	3	1
FREELAND	65.0	- 0.1	89	25+	42	5			3.70	-1.15	.77	19				12	6	
GALETON									4.70	1.05	1.01	23				12	7	1
GEIGERTOWN									7.03		1.38	13				14	7	2

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES				SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
GEORGE SCHOOL	68.1	- 1.5	94	29	41	6	4		5.57	1.80	2.43	13				18	6	1
GETTYSBURG	71.0	0.6	96	30	46	6	4		3.50	- .28	.93	14				10	5	
GETTYSBURG 1 S									2.62		1.10	19				9	3	1
GLEN ROCK									3.84		.91	12				12	7	
GOOD SPRINGS 1 NW									3.86		1.32	19				14	5	1
GORDON	66.1	- 0.2	94	29	37	6	3		2.87	-1.55	.97	19				11	4	
GOULDSBORO									6.88	2.13	1.79	28				16	10	1
GRANTVILLE 2 SW									4.24		1.44	19				15	4	1
GRATERFORD									6.13	2.32	1.62	13				15	9	1
HANOVER	70.2	- 1.4	94	30	48	6	4		5.48	1.53	1.42	30				17	8	1
HARRISBURG 3 S WB AIRPORT	70.4	0.1	97	29	46	6	4		3.26	- .33	1.46	19				13	3	1
HARRISBURG NORTH									5.08	1.09	1.51	13				17	5	2
HAWLEY	65.2	- 1.0	94	29	37	6	3		5.68	1.78	.82	28				18	8	
HAWLEY 1 S WALLEN DAM	60.4a		89	30	36	6			5.01		.61	28				15	10	
HEWITT 2 S	67.6b		91	29	34	6	1		3.59		1.30	18				13	6	1
HOLLIDAYSBURG									4.72		2.71	19				11	5	1
HOLLISTERVILLE									6.86	2.54	2.40	28				18	9	1
HOLTWOOD	71.6	- 1.2	91	28+	55	17	3		3.89	.54	1.22	19				15	5	1
HONESDALE 4 NW									6.24		1.09	19				13	10	1
HONESDALE 6 N TNRS FLS //									4.41		1.24	19				9	7	1
HOP BOTTOM 2 S									5.28		1.03	24				13	6	3
HUNTINGDON	68.2a	- 0.5	97	30	41	18	4		6.56							13	6	2
HUNTSDALE									4.06		1.65	19				13	4	1
HYNDMAN									3.36		1.18	20				12	5	1
JACKSON SUMMIT									4.10		1.56	7				12	7	1
JUNIATA HOUSE									3.73		1.93	19				10	3	1
KARTHAUS									4.20		.80	19				11	7	
KIRKWOOD 1 SW									3.84		1.48	19				9	4	1
KRESGEVILLE 3 W									4.99		1.49	8				13	7	1
LAKEVILLE 1 N									7.06	2.61	1.57	28				17	10	1
LAMPETER SCS 1 A																		
LANCASTER 2 NE PUMP STN	69.2	- 1.1	93	29	41	6	3		4.43	.43	1.82	19				17	4	2
LANCASTER 2 NE FILTER PLT									4.05		1.75	19				12	5	1
LANCASTER 3 NE EXP FARM									4.27		1.66	19				17	3	1
LANSFORD									5.38	.82	1.50	28				11	6	3
LANSFORD FOREMANS SHOP									5.36		1.65	28				13	6	1
LAURELTON STATE VILLAGE									2.35		1.35	19				8	2	1
LAWRENCEVILLE	66.4	0.1	91	29	38	6	2		3.61	- .19	1.05	7				8	6	1
LEBANON	69.7a	- 0.3	96	30	45	6	4		3.98	- .20	1.37	19				20	4	1
LEBANON 3 SW									3.23		1.58	19				14	2	1
LECONTES MILLS 5 NW									4.32		.72	8				12	8	
LEHIGHTON									5.70	.86	1.70	8				13	5	3
LE ROY									3.47							6	5	
LEWISTOWN	69.4a		94	25	40	6	4		3.25		.88	19				15	5	
LOCK HAVEN 1	67.6		96	30	37	6	4											
LOCK HAVEN 2									2.99	-1.12	1.13	19				13	4	1
LONG POND									5.04		1.84	20				17	5	1
MAPLE GLEN									5.73		2.13	13				17	6	2
MAPLETON DEPOT									5.20		2.06	19				14	4	2
MARCUS HOOK	73.0g	- 2.3	97	30	53	6	6		4.11	.33	.72	19				18	6	
MARTINSBURG									4.89		2.69	19				13	5	1
MARTINSBURG BLAIR CO AP	66.8		88	24	41	6			5.51		2.81	19				18	5	1
MAMAMORAS									5.41	1.38	.72	29				15	10	
MAUCH CHUNK 1 SW	67.0	- 0.9	91	29	42	14	1		5.30	.88	1.96	28				13	8	1
MC CONNELLSBURG									4.82	.26	2.00	27				10	4	1

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS: MAX. 90° OR ABOVE	NO. OF DAYS: MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED): TOTAL	SNOWFALL (UNMELTED): GREATEST DEPTH ON GROUND	SNOWFALL (UNMELTED): DATE	NO. OF DAYS: .01 INCH OR MORE	NO. OF DAYS: .25 INCH OR MORE	NO. OF DAYS: 1.00 INCH OR MORE
MC CONNELLSTOWN 4 N									6.64		2.06	19				13	5	3
MEDIX RUN									5.97		1.50	19				15	7	2
MERCERSBURG									4.87		1.04	20				13	7	1
MIDDLETOWN OLMSTED FIELD	70.6	0.1	96	29	46	6	4		3.57	- .59	1.30	19				14	4	1
MILAN									3.43							7	6	
MILANVILLE									5.78		1.33	18				16	10	1
MILLERSBURG 2 E									2.21		1.13	19				10	3	1
MILLVILLE									3.52		.20	12				7	2	2
MILROY									4.12		1.15	19				8	5	1
MONROE FURNACE									4.03		1.86	19				12	3	1
MONROETON 2 S									4.76		2.04	28				15	5	1
MONTROSE 3 E HIGHWAY SHED	64.4	0.7	88	30	40	6			4.76	.78	.76	28				15	8	
MONTROSE																5	5	
MOUNT POCONO 2 N WB AIRPORT	66.7	5.0	87	29	38	6			6.55	1.39	1.71	27				15	8	2
MOUNT UNION 1 NW //									5.42		2.08	19				12	4	1
MYERSTOWN									3.61		1.32	19				12	5	1
NEFFS MILLS 4 NE									4.06		1.76	19				10	3	1
NESHAMINY FALLS									5.44		1.58	13				13	7	1
NEWBURG 3 W	61.6		90	28	34	6	1		4.96		3.10	19				10	3	1
NEW PARK									4.94	.90	1.46	30				16	7	1
NEWPORT									3.31	- .46	1.15	19				14	3	1
NEW TRIPOLI									3.17		.91	19				14	5	
NORRISTOWN									4.87		1.30	13				16	5	2
ORWELL 3 N									4.24		2.03	28				11	5	1
PALM									5.24		1.58	20				12	7	2
PALMERTON	66.4	-2.4	92	29	40	6	2		5.31	.99	1.75	7				12	6	1
PARK PLACE 1 NW WB AIRPORT	64.0		88	29	43	6			2.69		.80	19				13	4	
PAUPACK									6.33	2.25	1.45	28				16	10	1
PECKS POND									6.19		1.13	28				17	8	1
PHILADELPHIA FRANKLIN INST																		
PHILADELPHIA WB AIRPORT	71.1		97	29	48	6	4		4.94	1.70	1.32	19				16	7	2
PHILADELPHIA POINT BREEZE	72.0		96	29	55	16	3		4.10		1.05	30				16	5	2
PHILADELPHIA SHAWMONT	71.4	-1.1	97	30	43	6	5		3.35	- .21	.93	13				13	5	
PHILADELPHIA WB CITY	71.4	0.0	95	29	56	6	3		4.88	1.64	1.27	30				17	6	1
PHILLIPSBURG 7 E WB AIRPORT									5.06		1.05	19				15	6	2
PHOENIXVILLE 1 E PUMP STN	71.4	-0.3	96	29	40	6	7		5.25	1.36	1.20	13				13	6	1
PIKES CREEK									3.65		1.02	19				15	5	1
PINE GROVE 1 NE									5.07	.28	2.00	8				17	5	2
PLEASANT MOUNT 1 W									4.80	.36	.89	19				14	8	
PORT CLINTON	66.2	-3.0	94	25+	39	6	3		4.54	.08	.95	19				15	7	
PORTLAND									4.22		.80	25				18	6	
POTTSTOWN									4.86	1.03	.91	13				9	7	
POTTSVILLE									4.31	.11						9	6	1
POTTSVILLE BRIDGE									3.88		1.42	8				15	5	1
QUAKERTOWN	67.0	-1.5	93	30	40	6	4		6.49	2.55	2.15	20				13	6	2
READING WB CITY	71.0	0.7	96	29	48	6	5		3.95	.40	1.42	19				16	4	1
RENOVO									4.61	.47	.78	8				14	7	
RENOVO 6 S STATE CAMP									3.63		1.25	19				13	4	1
RETREAT FARMS	65.6b		90	29	41	6	1		4.08		1.00	7				12	8	1
RINGTOWN 1 SW									2.20		.90	19				4	4	
RUSH 6 S									4.30		1.31	28				15	8	1
SAFE HARBOR									4.09		1.25	13				13	4	2
SAXTON									6.08		1.44	20				15	7	2
SCRANTON WB CITY	66.7	-1.1	93	29	45	6	2		7.68	4.01	2.20	27				13	8	2
SELINSGROVE AIRPORT	68.8	-0.3	93	29	41	6	3		3.63	- .29	1.04	20				13	5	1

See reference notes following Station Index

PENNSYLVANIA

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TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES				SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
SELLERSVILLE 2 NW									3.90		1.53	19				10	4	1
SHADE GAP									5.43		2.63	19				13	5	2
SHAMOKIN			77	30					2.32	- 2.20	.75	19				10	4	
SHIPPENSBURG	70.5	- 0.9	95	29	43	6	4		3.13	- .41	1.51	19				11	2	1
SOUTH MOUNTAIN									6.56		1.51	27				16	5	3
SPRING GROVE									5.70		1.20	12				13	6	1
SPRUCE CREEK									5.37		1.44	19				10	5	2
STATE COLLEGE	68.2	1.2	91	29	42	6	1		3.33	- .76	1.38	19				14	5	1
STRAUSSTOWN									5.14		1.48	19				14	5	2
STROUDSBURG SUBSTATION	69.4	2.0	98	30	52	3+	3		4.89	.12	.99	20				19	8	
STROUDSBURG									4.68		1.47	19				16	5	1
SUNBURY									3.39	- .53	1.00	19				12	5	1
SUNBURY 2 N AIRPORT	68.0		91	24+	43	6	2		3.90		1.57	19				13	5	1
SUSQUEHANNA									3.90	- .18	.63	25				16	7	
TAMAQUA									3.09		.74	19				8	5	
TAMAQUA 4 N STILL CREEK DAM									3.74		.90	20				12	6	
TAMARACK 2 S FIRE TOWER	63.6		86	29	44	17			5.44		1.49	19				14	9	1
TOWANDA	66.0	0.0	92	29	38	6	2		4.33	.62	1.54	28				15	6	1
TOWER CITY 5 SW									3.91		1.11	19				10	7	1
TUNKHANNOCK 1 S	66.5h		93	24	37	6	2		5.45		1.92	28				13	6	2
TYRONE 4 NE BALD EAGLE									4.97		2.24	19				12	6	1
VIRGINVILLE									4.99		1.48	19				15	5	2
WATROUS 9 S LEE FIRE TOWER									4.28		1.01	8				15	8	1
WEBSTER MILLS 3 SW									5.69		1.50	19				11	6	2
WELLSBORO	63.0	- 1.6	91	30	33	6	1		3.69	- .10	.66	8				15	7	
WELLSBORO 2 E									3.15		.70	7				12	6	
WELLSVILLE	68.6		93	29	38	6	3		6.77		3.41	9				14	5	1
WERNERSVILLE									3.66		1.26	19				16	3	1
WEST CHESTER	69.8	0.1	95	29	45	6	4		7.19	2.94	1.25	19				16	8	3
WEST GROVE 1 SE									4.28	.20	1.77	19				11	5	1
WILKES-BARRE									5.30	1.32	.95	25				16	9	
WILLIAMSPORT 4 SE									3.31		.87	19				14	4	
WILLIAMSPORT 4 E WB AIRPORT	67.2		95	29	41	6	3		3.52		1.40	19				13	3	1
WILLIAMSPORT									3.47	- .24	1.09	19				15	3	1
WILLIAMSTOWN	67.9	- 0.4	94	29	40	6	3		3.52	- .95	.74	19				14	5	
WIND GAP 3 SW									3.43		.86	19				14	4	
YORK 3 SW PUMP STATION	71.8	1.3	99	29	42	6	6		5.58	1.83	1.62	19				16	6	2
YORK 2 S FILTER PLANT									5.24		2.09	19				15	5	2
YORK HAVEN									4.43	.43	1.57	13				15	4	2
ZIONSVILLE 1 SW									6.60	2.05	2.60	20				12	7	2
DIVISION	67.6	- 1.0	99	29	29	6	3	1	4.72	.65	3.41	19				13	6	1
OHIO DRAINAGE																		
ACMETONIA LOCK 3 LOWER									6.07		1.53	20				13	9	1
ACMETONIA LOCK 3 UPPER																		
ALLENS MILLS									6.45		1.50	19				14	6	1
BAKERSTOWN 4 WNW																		
BEAVER FALLS									6.32		.94	19				13	9	
BLAIRSVILLE 6 ENE	66.2		87	29	43	6			7.02	1.38	1.64	19				18	8	2
BOSWELL									7.02		1.56	20				18	8	2
BRADDOCK LOCK NO 2									5.28		1.75	13				14	8	1
BRADDOCK UPPER LOCK 2																		
BRADFORD CITY HALL									4.84		1.73	23				16	7	1
BRADFORD 4 W RES NO 1	62.6	- 2.5	87	23+	31	6		1	5.33	.67	2.09	23				16	6	1
BRADFORD 5 S																		

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
BRADFORD 14 SW																		
BROOKVILLE AIRPORT	64.6	0.6	89	23	32	6		1	7.24	3.00	1.48	19				14	8	1
BRUCETON									7.25							14	9	1
BUCKSTOWN									6.12		1.74	19				15	7	1
BURGETTSTOWN 3 W	66.2		91	24	34	1	2		5.71		1.68	12				12	6	2
BUTLER	68.4	-0.2	93	30	36	6	6		6.54	2.11	1.37	19				15	8	2
BUTLER SUBSTATION									6.26		1.51	19				16	7	2
CHARLEROI									7.03		2.44	19				14	9	2
CHARLEROI LOCK 4 LOWER									7.69		2.07	20				16	10	2
CHARLEROI LOCK 4 UPPER																		
CLARION 3 SW	65.3		91	23	34	6	2		5.30	.69	1.07	13				13	8	1
CLAYSVILLE	70.2	1.0	90	22	38	1	1		4.69	.26	.99	19				16	7	
CONFLUENCE 1 SW	66.9		92	29	42	6	2		6.11		1.17	16				19	7	1
CONFLUENCE 1 NW									6.98	2.35	1.32	20				20	8	3
CONNELLSVILLE									6.40		2.01	20				16	8	1
CONNELLSVILLE 4 N									5.56		1.71	19				20	8	1
CORAOPOLIS DAM 2									4.88	.78	1.39	13				14	8	1
CORRY	65.2	-0.2	90	23	35	6	1		6.06	1.27	1.68	23				13	5	2
COUDERSPORT	63.0	-1.2	88	29	30	6		1	9.00	4.42	3.46	8				9	8	3
COUDERSPORT 8 E																		
CRESSON 1 E SUMMIT									6.06		3.27	19				16	5	1
CUSTER CITY 2 W SONGBIRD									5.13		1.12	25				15	8	1
DERRY	68.7	-0.3	91	29	39	6	1		8.28	3.48	2.22	19				15	9	2
DONEGAL	65.2		88	29	33	5+			6.13		1.62	19				16	10	1
DONORA	72.4	-0.4	93	27	45	6	6		7.80	4.02	2.27	19				17	7	2
DUNLO									6.71		3.00	19				15	6	2
EBENSBURG	64.8	-0.1	87	30	37	6			9.61	5.02	3.64	19				13	6	4
ERIE AIRPORT									6.10		1.93	7				13	6	2
FARRELL SHARON	72.0	2.4	93	23+	45	1	2		5.29	1.83	1.02	13				12	10	1
FORD CITY 4 S	67.7		90	24	38	6	1		5.54		1.57	19				11	8	1
FRANKLIN	65.5	-0.8	90	24	39	6	1		6.07	1.77	.99	19				13	9	
GIFFORD									4.83		1.00	23				14	8	1
GLENCOE									5.35		1.68	20				13	8	1
GLENWILLARD DASHIELDS DAM									6.39		1.12	13				13	9	1
GLENWILLARD DAM UPPER																		
GREENSBORO LOCK 7									4.98	.37	.99	13				18	8	
GREENSBORO LOCK 7 UPPER																		
GREENSBURG 2 S FILTER STA	67.0a	-1.9	89	29	35	6			6.65	2.25	.99	7				17	10	
GREENSBURG 2 E HIGHWAY SHED									8.38		1.80	19				15	9	3
GREENSBURG 3 SE UNITY RES									6.88		1.47	19				15	9	1
GREENVILLE	65.0	-2.3	93	23	33	6	2		5.56	1.62	1.16	19				17	7	1
HOME									5.95		1.32	19				15	7	1
HOOVERSVILLE									5.52		1.78	20				18	5	2
INDIANA 2 SE	66.6		89	29	34	6			8.38		4.07	19				14	8	1
INDIANA	69.2	1.2	89	27+	40	6			8.17	3.26	3.60	19				12	8	2
IRWIN	69.3	0.8	92	27	39	6	3		7.39	2.98	1.34	12				15	11	2
JAMESTOWN 2 NW	65.2		90	24	38	6	1		5.48		1.04	19				13	7	1
JOHNSTOWN 1	69.5	0.1	94	30	41	6	5		8.14	3.13	1.41	20				15	9	3
JOHNSTOWN 2									7.93		2.30	19				17	7	2
KANE 1 NW	66.0		88	23	28	6		3	5.12	.38	1.44	7				17	8	1
KANE 5 SE									4.87		1.39	7				18	7	1
KREGAR 4 SE									4.92		1.02	26				18	7	1
LAFAYETTE MC KEAN PARK									6.24		1.55	23				16	9	1
LATROBE									8.04		1.90	20				16	8	4
LEWIS RUN 3 S									5.12		1.00	23				13	11	1
LINESVILLE 6 NW PENN LINE									4.10		.70	8				13	8	

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TABLE 2 — Continued
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STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES										
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS			
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE	
LYCIPPUS 1 E									4.63	- .22	1.10	13				15	8	1	
MARIENVILLE									6.35							11	8	2	
MARSHBURG									5.36		1.72	23				14	8	1	
MC KEESPORT									6.65		1.89	13				13	8	1	
MEADVILLE 1 S	65.2	-0.7	91	24	37	1	1		5.11	1.07	1.03	28				13	8	1	
MERCER 5 NE WB AIRPORT	65.0		90	23	37	6	1		6.66		1.38	19				16	9	1	
MERCER HIGHWAY SHED									5.25		1.26	7				13	7	1	
MEYERSDALE									4.55		1.12	20				17	7	1	
MIDLAND DAM NO 7 LOWER	68.8	-1.3	91	23	44	1+	4		4.18	.20	.81	20				11	7		
MIDLAND DAM NO 7 UPPER																			
MOSGROVE LOCK 8									4.49	.47	.84	13				14	8		
MOSGROVE LOCK 8 UPPER																			
MURRYSVILLE									7.75		2.39	12				15	7	2	
NATRONA LOCK 4									4.28	- .30	1.05	13				12	7	1	
NATRONA LOCK 4 UPPER																			
NEW CASTLE 1N	67.4	-1.7	95	29	38	1	2		5.02	.82	1.21	12				16	5	1	
NEWELL	70.1	0.7	95	29	44	6	5		7.62	3.56	2.03	23				13	9	2	
PARKERS LANDING									6.34	2.17	1.48	13				12	8	1	
PARKERS LANDING 1 E									5.80		1.43	12				15	8	1	
PINE GROVE MILLS 1 S									4.34		2.23	19				14	4	1	
PITTSBURGH 7 SE WB AIRPORT	70.0		90	22+	50	1	3		6.05		2.31	12				15	7	1	
PITTSBURGH WB CITY	71.8	1.1	92	28	40	6	6		5.26	1.45	1.76	12				15	7	1	
PORT ALLEGANY									5.98		1.42	25				16	9	1	
PORT ALLEGANY 3 SW									4.72		1.33	10				8	6	2	
PUNXSUTAWNEY 1									6.94	2.68	2.15	13				12	7	1	
PUNXSUTAWNEY 2									6.62		1.89	12				14	7	2	
PUTNEYVILLE 2 SE	59.9c		100	27	37	1+	1		5.35		1.03	13				15	8	1	
REW									5.81		1.26	23				15	9	1	
RICES LANDING LOCK 6									4.50		.58	7+				17	9		
RICES LANDING LOCK 6 UPPER																			
RIDGWAY	64.7	0.3	91	24	33	6	2		4.63	.42	.69	19				13	9		
ROCHESTER 1 N									5.16		1.77	19				13	8	1	
SALTSBURG									7.62		1.38	13				15	10	2	
SCANDIA									6.33		2.47	23				14	5	2	
SCHENLEY LOCK 5									5.17	.87	1.64	19				12	7	1	
SCHENLEY LOCK 5 UPPER									8.05		1.81	13				17	10	3	
SEWARD									4.61		.85	13				16	9		
SHARPSVILLE									5.01		.98	7				16	8		
SHEFFIELD 6 W CHERRY GROVE									4.73		1.17	23				13	5	2	
SMETHPORT HIGHWAY SHED																			
SOMERSET WATER WORKS	65.2	-0.1	88	29	32	6		1	5.89	.87	1.25	22				17	9	2	
SOMERSET 2 E SUBSTATION									5.74		1.45	20				13	10	2	
SPRINGS 1 SW	62.4	-1.6	87	29	35	6			6.52	.27	1.14	16				19	9	1	
STRONGSTOWN																11	6	1	
SUTERSVILLE									5.05		1.40	20				13	5	2	
TIONESTA 2 SE DAM	64.3		86	29	37	5			5.92	1.81	1.05	19				14	10	1	
TITUSVILLE 2 S	63.3		87	23	33	6			5.47		1.48	7				14	10	1	
TITUSVILLE									4.23		.82	7				14	6		
TUNNELTON //									7.03		1.56	19				15	8	2	
UNION CITY 1 W									4.48		1.43	7				14	5	1	
UNIONTOWN	70.4	0.1	92	29	44	1	5		6.75	2.00	.95	23				20	11		
VANDERGRIFT									5.30	.83	1.25	13				11	8	1	
VANDERGRIFT 2 W									5.38		1.20	19				12	8	1	
WARREN	65.6	-0.1	93	24	38	5	2		5.73	1.29	1.29	22				18	6	2	
WASHINGTON									5.92		1.75	19				15	8	1	

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES				SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
WAYNESBURG 2 W									4.70		1.17	29				14	7	1
WAYNESBURG 1 E	67.8	-2.3	94	28	37	1	4		3.98	- .30	.72	7				16	7	
WEST NEWTON									7.37	3.26	1.38	20				13	10	2
YOUNGSVILLE																8	3	2
DIVISION	66.7	-0.7	100	27	28	6	3		6.01	1.66	4.07	19				14	8	4
LAKE DRAINAGE																		
ALBION	64.5		91	23	34	1	1		4.75		2.00	9				6	5	2
ERIE WB CITY	66.6	0.4	92	23	48	6	2		6.12	2.78	1.88	23				11	7	2
RAYMOND																8	3	1
DIVISION	65.6		92	23	34	1	2		5.44		2.00	9				12	8	2
STATE	67.3	- 0.9	100	27	28	6	2	2	5.19	1.03	3.64	19				12	6	2

See reference notes following Station Index

TABLE 3

DAILY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ACMETONIA L 3 LOWER					.05	.06	.29	.40	.25				.97			.03			.23	1.53			.60		.45		.68			.53		6.07
ALBION z							.10		2.00										.71				.33	1.01					.60			-
ALLENS MILLS r					.07		.71	.80	.17			.75	.11					.14	1.50	.03		.20		.82			.22			.70	.23	6.45
ALLENTOWN WB AIRPORT z			.01		.01		1.19	.01	.02		T	.11	.17		.35	.05			.98	.13		.25	.29	.20			.40	.30	.01	.08	4.56
ALLENTOWN GAS CO				T		T	.10	1.30	.02	T			.31	.02	.27	T	.12		1.38	1.00		T	.46	.03	.12		.17	.41	.52	.08	6.31
ALTOONA HORSESHOE CURVE					.07		.35	.29	.20			.40	.87			.20			3.11	.20		.05	.10	.12	.05	.88			.14	.12	7.15
ARENDTSVILLE				.02			.06	.09	.03			.01	2.49			.07	.18		.71	.50					.51		.32			.38	5.37
AUSTINBURG 2 W r																						.26	.54				.25		.04			-
AVOCA WILKES-BARRE AP					.17		1.11	.29	.01		.35	.19	.42		.06			T	1.34	T		.46	.61	.41	T	T	1.78					7.20
BAKERSTOWN 4 WNW						*	.50	.58	.28	.03			.07						.03	.09			.04		.07	.01				.05		-
BEAR GAP							.39	.18	.07			.13	.13		.16				.93	.23		.13					.22		.05			2.62
BEAVER FALLS					.03	.06	.34	.31	.35				.81		.01	T			.94	.92			.89		.85		.16			.65		6.32
BELLEFONTE ROCKVIEW FARM				T		.14	.10	.17	T			.50						.97	1.03	T	.02	.21	T		.17	.03			T			3.34
BERWICK					.03		.12	.37	.11				.37		.09				1.24	1.00		.20	.05	.01	.30		.81			.03		4.73
BETHLEHEM RIVER STATION				T		T	.09	1.69	.21				.29	.01	.23		.08		1.47	.67		T	.48	.01	.05		.13	.38	1.70	.09		7.58
BETHLEHEM LEHIGH UNIV			.02		T		1.35	.17				.34	.07		.24	.09			2.03	.11		.23	.22	.07			.88	1.31	.09	.04		7.26
BLAIN r					.09	.03	.50	.12	.07	.02		1.07	.07	.04		.14			1.98		.02	.10		.17		.14			.16			4.72
BLAIRSVILLE 6 ENE					.31	.18	.39	.62	.06		.01	1.56	.32		T	.10		.07	1.64		T	.08	.05	.62	.01	.18	T			.73	.09	7.02
BLAKESLEE CORNERS r					.04		.60	.53	.04		.10	.17	.11		.02				1.70			.22	.45	.78			.20					4.96
BLOSERVILLE 1 N					.05		.04	.35	.04				1.68			.16		2.10				.02		T	.25	T	.05	.07	.30			5.11
BOSWELL z					.03	.16	.35	.17	.54	.07		.20	.93			.38			.14	1.56			.12	.05	.46	.09	1.04	.07		.66		7.02
BRADDOCK LOCK NO 2	.03				T	.11	.38	.51	.31			.08	1.75		.01	.10			.40		.10				.62		.53			.35		5.28
BRADFORD CITY HALL					.07		.37	.74	.08	.10			.33		T				.13	.01		.05	1.73	.26	.06		.18	.14	.28	.31		4.84
BRADFORD 4 W RES 1					.08		.81	.32	.06			T	.31		T				.15	.05	T	.10	2.09	.49	.08	.02	.14	.07	.08	.48		5.33
BREEZEWOOD							.20	.55	.10			.04	.20			.22			2.15	.27				.04			.65		.45	.04		4.91
BROOKVILLE AIRPORT					.03	.05	.92	.97	.21			.76	.22	T	.01			.40	1.48		T	.30		.87	T	T			.82	.20		7.24
BRUCETON	.83				*	*	.65	.64	.41	.01		*	*	2.51	.01	.16		T	*	*	.81		.08	.07	.34	*	*	.30		.43		7.25
BUCKSTOWN r							.20	.23	.17			.37	.23			.50		.21	1.74	.04			.32	.40		.72	.04		.94	.01		6.12
BUFFALO MILLS							.11	.45	.15				.18			.26	.12		.13	.43				.12	.08		.72			2.41		5.16
BURGETTSTOWN 3 W				.11	.06	.42	T	.30			T	1.68			T			.03	1.57		T	T		.72		.03		.02	.74	.03		5.71
BURNT CABINS 2 NE					.06		.12	.32	.05		.01	.52	.10		.28				2.83			.03		.03		1.68			.56			6.59
BUTLER					.07		.85	.30	.45			.03	1.25		.02				1.37		.75	.13	.06		.67	.06		.09		.44		6.54
BUTLER SUBSTATION r				.08	.02	.07	.87	.35	.02			1.10	.09					.69	1.51			.21	.01	.72		.09			.32	.11		6.26
CAMP HILL					*		*		.73	.21			.73		.04		.27		1.23	.23			.21			T	.30		.17			4.12
CANTON 1 NW z					.09	.03	.06	.60	T	.06		.16	.18						.67			.29	.09	.40	.22								2.85
CARLISLE					.22		.21	.06	.04			1.28	1.01			.27			1.77	.18				.08		.08			.02	.10		5.32
CARROLLTOWN					.11	.02	.18	.20	.44	.08			1.03						3.24	1.10			.20		.40		.60			.45		8.05
CARTER CAMP z					T		.40	.58	.17	.02			.42						.67	.02		.03	.04	.82	.19		T	.58		.54		4.48
CEDAR RUN					.03	.01	.27	.52	.06	.02			.32						.38	.07		.05	.05	.32	.28			.48				2.86
CHADDS FORD				.17			.06	.15					.23		.26	.16	.36		1.71	.34					.40			.04	.51	.03		4.42
CHAMBERSBURG z			.06		.04	T	.26	.12	.07			1.28	.31		T	.17		T	1.22	.12		T		.07		1.22	.16		.52			5.62
CHARLEROI r					.26	.29	.19	.49	*		*	.30				.37			2.44	.03		.11	1.02	.46		*	*	.18	.77	.12		7.03
CHARLEROI L 4 LOWER					T	.26	.41	.24	.61			T	.65		T	.31	.03		.04	2.07			.15	1.14	.45	.02	.26	.07		.98		7.69
CLARION 3 SW z					.03		.50	.48	.62				1.07						.79	.47		.21	.08		.62		.03	.08		.32		5.30
CLAUSSVILLE						1.00	.76	1.24	.55				.60			.15			1.15				1.50									6.95
CLAYSVILLE					.14	.05	.67	.22	.28			.17	.43			.25			.99	.38		.08	.12	.11			.03		.23	.54		4.69
CLEARFIELD					.02		.18	.22	.81				.78						.74	.64		.02	.07		.61			T		.21		4.30
COALDALE 2 NW						.04	.06	.60					.24	.01	.09				.76	.38			.82	.01	.01		.01	1.27	.02			4.32
COALPORT z					.10			.45	.41				.96						1.85		.80		.20		.30		.30			.31		5.68
COATESVILLE 1 SW z	T			.14	T	T	.11	.26	T				1.02	T	.30	.01	.42		1.24	.34	T	T		.05	.41			.76	.62	.90		6.58
COATESVILLE				.12		T	.06	.27					1.10	.01	.30		.41		1.20	.30			.02	.01	.34			.90	.30	.87		6.21
COLUMBIA			T	.07	.05			.18	.13				1.54		.06	.36		T	1.95	.15		.02		.05		T	.56	.14	T	.22		5.48
CONFLUENCE 1 SW z	.02					.17	.58	.55	.54	.01		.54	.97		.01	1.17	.07	T	.06	.85			.05	.03	.14		.01	.14		.20		6.11
CONFLUENCE 1 NW	.01				T	.16	.52	.38	.62	.03		.42	1.03	.12	.03	1.01	.06		.06	1.32			.12	.03	.15		.04	.63		.24		6.98
CONNELLSVILLE	.21					.21	.56	.10	.49			.28	.50			.30		.03		2.01			.13		.68	.08	.09	.04		.69		6.40
CONNELLSVILLE 4 N					.23	.46	.23	.37	.12		.16	.38	.15			.30		.10	1.71	.06		.15		.31	.09	.10	.03	.02	.28	.31		5.56
CONSHOHOCKEN				.11		.01		.21	.21			.50	1.10		.30		.01		.68	.33			.02					.12	.33			3.93
CORAOPOLIS DAM 2					.04	.06	.40	.35	.32			.07	1.39		T	.03			.37	.58			.13		.44		.15			.55		4.98
CORRY					.17		1.62	.66	.10			T	.12						.15	.24		.10	1.68	.10		.04		.46		.62		6.06
COUDERSPORT 8 E							1.97	3.46					.66						.32			.08	1.10	.32			.45			.64		9.00
COUDERSPORT												.11		.61					.35		.16		1.13	.03	.38		.11	.76				-
COVINGTON					.68		.17	.32	.05				.07						.48				.35	.30	.41			.35				3.18
CRESSON 1 E SUMMIT r					.04		.18	.36	.10	.02		.75	.27			.15		.15	3.27			.06		.15		.05	.03		.44	.04		6.06
CURWENSVILLE 6 NW AP					.06	.15	.68	.74	.08		T	.76	.16		T			T	1.45		T	.19	T	.73	T	T			1.04	.05		6.09
CUSTER CITY 2 W SONGBIRD					.05	T	.31	.80	.12	.01			.33						.18	.03		.06	.74	.52	1.12		.24	.29		.33		5.13
DANVILLE					.06	.06	.07	.41	.29	.09			.43		.12				.85	.80		.29	.08		.36			.62				4.47
DAUPHIN 3 N					.01	T	.13	.44	.13	T			1.43	T	.15	.04	.18		1.50	.13		.01	.20		.08		.02			.10		4.55
DERRY					.24		.26	.71	.51			1.12	.60					.18	2.22	.11		.69		.14		.74	.14		.51	.11		8.28
DINGHAMS FERRY z	.06				T	.10	.27	.38		.05		.05	.46	.09	T	.05			.47	.74			.51	.42	.34			.92	.17	.07		5.15
DONEGAL					.16	.32	.14	.70	.07			.37	.12		.25	.32		T	1.62			.28	T	.48		.38	.05		.63	.24		6.13
DONORA					.19	.22	.71	.72	.02		.01	.75	.02			.26		T	2.27			.14	1.39	.15		.11	.05		.62	.17		7.80
DOYLESTOWN		.02	T		.03		.05	.77	T		T		1.12		.88	.14		T	.95	.51		.10	.10	.02		.03	.57	.27		.07		5.63
DRIFTWOOD r					.03	.13	.39	.55	.03			.75	.21					1.27	.50			.16	.04	.57			.26		.94			5.83
DU BOIS 7 E z					.04		.85	.73	.13	.02			1.83		T				1.10	.43		.13	.08	.74	T		.14			.80		7.02
DUNLO r					.19	.04	.24	.36	*	*		*	1.29			.27		.13	3.00	.06		.04	.21	.32		.45	.01		.10			6.71
DUSHORE r					.20		.32	.13			.03	.08	.12						.75	.01		.51	.54	.38			1.34					4.51
EAGLES MERE z					.04	.05	.24	.56	.40	T		.25	.25	.02	.04				.91	.38		.07	.09	.15	.10		.02	.42		T		3.99
EAST WATERFORD 3 E	T			.01	T	.08	.01	.19	.20	.01			1.38	.01		.07	.12		1.91	.49	T	.01	.09		.18		.15			.18		5.09
EBENSBURG				.17			.17	.18	.48	.02			1.45			.19			3.64	1.15			.18		.30		.13			1.55		9.61
ELIZABETHTOWN				.03			.09	1.07	.12	.05			1.31	.07	.09	.02	.25		1.21	.26			.12		.01					.10		4.80
EMPORIUM z					T		.51	.36	.18	.01			.60		T				.38	.17		.18	.35	.10	.37		.03	.63	.06	.48		4.41
ENGLISH CENTER r					.01		.50	.15				.21	.07					.17	.50			.08	.28	.21			.78					2.96
EPHRATA				.06	.02			.67	.07				1.12		.44	.24			1.17	.37		.15					.32	.84		.10		5.57
EQUINUNK					.15	.23	.58	.32	.26			.13	.32						.43				.53	.43	.23			.26	.28				4.15
ERIE WB CITY z				T	.05	.08	1.72	.62	T		T	.12	T	T	T			.09	.36		T	.27	1.88	T		T	.35	T	.58	T		6.12
ERIE AIRPORT				T	.04	.14	1.93	.63			.01	.13		T	T			.10	.37		T	.40	1.73	T		T	.16	T	.43	.03		6.10
EVERETT z							.06	.45	.23	.01		.05	.17	.03	T	.17	.08		1.44	1.70			.03				.28	.15		1.21		6.06
FARRELL SHARON						.58	.65		.06				1.02		.01				.45	.32		.32	.34		.25			.92		.37		5.28
FORD CITY 4 S z					.09		.28	.68	.40				.88		T				1.57	.56			.10	T	.54	T		.06		.38		5.54
FRANKLIN z					T		.81	.88	.65				.73						.99	.17		.36	.03		.23		.31	.51	.06	.34		6.07
FREDERICKSVILLE 1 SE				T		.21		.46	T	T			.53	.03	.14	.05	.20		.95	1.78	T	.12	.02	T	.10		T		.09			4.68
FULKLAND							.30	T	.12	.10		.14	.16		.12				.77	.52			.12	.25	.47			.64				3.70
GALETON					.01		.78	.09	.09	T	.02		.57						.39			.06	1.01	.43	T		.42	T		.83		4.70
GEIGERTOWN							.05	.70	.03				1.38	.04	.50	.19			.85	.95			.14		.05				.94	1.07	.14		7.03
GEORGE SCHOOL			.01	.01	T	T	.43	.05	.01	T			2.43	.01	.42	.17		.04	.22	.31		.14	.17		.05		.40	.02	.08			5.57
GETTYSBURG				.04	T		.04	T	.07			T	.93			.08	.17		.60	.56				.03	.23		.52			.26		3.50
GETTYSBURG 1 S r			.04									.62	.05			.25			1.10					.20		.23			.20	.10		2.62
GIFFORD					.08	*	.40	.75	.29	.09					.02				.33			.08	1.00	.61						.41		4.83
GLENCOE z							.30	.28	.22			.05	.60	.02	.50	.10				1.68			.82	.40	.08						.80		5.85
GLEN ROCK r			.14				.23	.01				.91	*	*	*	.71			.43	.29				.28		.01	.13		.31	.39		3.84

See reference notes following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	DAY OF MONTH																												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GLENWILLARD DASHIELDS DAM					.01	.10	.46	.46	.41			.03	1.12			.01			T	.97		T	.86		.99		.28	T		.69		6.39
GOOD SPRINGS 1 NW r					.03		.42		.05			.40	.10		.25	.01			1.32	.73		.13		.15			.10	.09	.08			3.86
GORDON					.04		.08	.56	.05				.40		.09	.02			.97	.40		.14					.12					2.87
GOULDSBORO				.09	.42	.26	.11	T				.70	.29		.05	.02			.69	.77		.18	.25	.46	.66		.14	1.79				6.88
GRANTVILLE 2 SW			T		.05		.65	.03	.08			.36	.87		.04	.23			1.44	.10		.20	.02	.04		T			.10	.03		4.24
GRATERFORD							.12	.51	.18	.04			1.62	.12	.54	.07	.09		.76	.47							.27	.61	.32	.41		6.13
GREENSBORO L 7						.12	.87	.37	.31			.06	.98	.01	.01	.17	.09		.04	.31		T	.07	.37	.38		.01	.10		.70		4.98
GREENSBURG 2 S FILTER STA				.15		.33	.99	.16				.45	.88			.14			.41	.30		.57	.02	.23	.23	.48	.44	.01		.86		6.65
GREENSBURG 2 E HWY SHED r				.11	.11	.48	.50					1.48	.13			.11		.10	1.80			.93		.45		1.03	.03		.71	.41		8.38
GREENSBURG 3 SE UNITY RES			.42			.20	.35					.85	.45			.13			1.47	.10			.81	.35	.20	.85	.05		.50	.15		6.88
GREENVILLE					.02		.81	.55	.10		T	.15	.50		.04				1.16	.06	.01	.57		.24	.04	T	.09	.88	.09	.25		5.56
HANOVER				.10		.03	.05	T	.05	T		.05	.57	.69	.10	.31	.24		.40	.28					.05	T	.80	.34		1.42		5.48
HARRISBURG 3 S WB AP z			T	T	.04	T	.29	.01	.13			.82	.03		.12	.18		T	1.46	T		.09	T	T	T	.01			.07	.01		3.26
HARRISBURG NORTH				T	.09	T	.03	.85	.15	.16		T	1.51	.01		.10	.15		1.23	.30			.27		.02	.04	T	.02	.04	.11		5.08
HAWLEY					.06	.12	.50	.38	.08	.04		.09	.64	.04		.13			.64	.24		.06	.42	.51	.11	T	.51	.82	.29			5.68
HAWLEY 1 S WALLEN DAM z						.13	.39	.47	.08	.05		.31	.48	.12					.60	.27			.40	.57	.03		.50	.61				5.01
HEWITT 2 S z			T				.30	.40	.03			.03	.27		.40			1.30	.30			.12	.18			.08	.06		.12			3.59
HOLLIDAYSBURG r					.02		.17	.28				.44				.18		.18	2.71			.27		.12			.30		.05			4.72
HOLLISTERVILLE					.01	.05	.12	.57		.14		.12	.34	.25	.03	.13			.64	.43		.05	.60	.52	.34		.12	2.40				6.86
HOLTWOOD z				.12		.02	.05	.20	.02			T	.22	T	.05	.51	.43		1.22	.41			T	T	.21		.02	.10		.31		3.89
HOME r					.10	.03	.51	.42	.05		.03	.82	.15					.95	1.32			.14		.84		.01			.55	.03		5.95
HONESDALE 4 NW					.15		.49	.30				*.01	.73						1.09	.31		.19	.40	.48	.84			.73	.52			6.24
HONESDALE 6 N TANNS FLS r												.05	.51						1.24	.02		.40	.46	.52		.60	.61				4.41
HOOVERSVILLE					.06	.03	.24	.11	.51	.06		.09	.16			.56	.05		.24	1.78			.07		.28	.04	1.02	.04		.18		5.52
HOP BOTTOM 2 S					.08	.22	.56	.25				.04	.19	.10					1.00			.15		1.03	.63			1.00	.03			5.28
HUNTINGDON					.03		.02	.36	.11				.01			.11	.12		2.45	.71			.06		.33		1.42			.03		6.56
HUNTSDALE z				T	T	.07		.04	.07			.04	.55	T	.08	.07	.19		1.65	.49			T		.14			.07		.60		4.06
HYNDMAN						T	.20	.25	.12	T		.04	.33			.40	.10		T	1.18			.20	.05			.17	T		.32		3.36
INDIANA 2 SE z					.13		.56	.47	.13			.58	.81			T			4.07			.25	.06	.59	.03	.02		.08	.06		8.38
INDIANA					.14		.59	.22	.43				1.26						3.60	.28			.29	.64	.02				.63	.07		8.17
IRWIN					.08		.40	.74	.49			1.34	.63			.10			.61	.37			.49	.05	.29	.50	.05			1.25		7.39
JACKSON SUMMIT r				.06	.38		1.56	.12				.14	.18						.28			.42	.30	.06		.30	.30				4.10
JAMESTOWN 2 NW z					.01	.01	.57	.70	.15	T			.39	T	.07				1.04	.23	T	.87			.05	T	T	.93		.46		5.48
JOHNSTOWN 1				T	.24	T	.16	.33	1.00	T		.14	1.35			.20	T	T	.90	1.41		T	.11	.34	.52	.08	.40	T		.96		8.14
JOHNSTOWN 2 r					.23	.11	.08	.80	.13			1.30	.21			.17		.06	2.30			.11	.39	.60	.09	.40		.86	.09		7.93
JUNIATA HOUSE					.09		.03	.16				.48	.23			.13			1.93					.30		.20		.18			3.73
KANE 1 N					.13	.10	1.44	.58	.03		T	.42	.32		.03			.04	.39			.21	.42	.32		T	.11	.15	.16	.27		5.12
KANE 5 SE r					.12	.12	1.39	.61	.01		.02	.51	.14					.31	.11	.02		.20	.40	.27			.10	.14	.12	.28		4.87
KARTHAUS					.03		.11	.39	.68	.03			.64						.80	.59		.04	.08		.56					.25		4.20
KIRKWOOD 1 SW r			.13				.40					.14				.49			1.48	.12				.18				*	.70	.20		3.84
KREGAR 4 SE			T		.13	.15	.25	.26	.08			.04	.24		.07	.35		.10	.95	.06		.13	T	.34		1.02	.04		.53	.18		4.92
KRESGEVILLE 3 W							.14	1.49					.27		.20				.90	.35		.10	.12	T	.28		.02	.75	.32	.05		4.99
LAFAYETTE MC KEAN PARK					.03	T	.53	.90	.45	.03			.30		.02				.30	.05		.12	1.55	.04	.58		.48	.22		.64		6.24
LAKEVILLE 1 N					.07	.12	.55	.27	.07	.07		.41	.72	T		.04			.64	.39		.16	.35	.56	.15		.92	1.57				7.06
LANCASTER 2 NE PUMP STA			T	.04	.03		.02	.04	.11			.01	1.32		.24	.28			1.82	.11		.05	.03		.01		.01	.25		.06		4.43
LANCASTER 2 NE FLTR PLT r					.05		.04		.12			.93	.30			.28			1.75			.02						.25	.16	.15		4.05
LANCASTER 3 NE EXP FARM				.10		.03	.01	.20	.16	.01		T	.98	.03	.26	.03	.24		1.66	.19			.12		.03				.02	.20		4.27
LANSFORD					.03	*	.15	.43					*	.25	.10				*	*	1.17	.18	.43	T	.03			1.50	1.11			5.38
LANSFORD FOREMANS SHOP						.04	.15	.37	T	T		T	.22	.05	.12				.85	.35		T	.59	.02	.03			1.65	.92	T		5.36
LATROBE	.05				.03	.12	.19	.39	.69			.19	1.19			.16	.02		.30	1.90		1.00			.43		1.20	T		.18		8.04
LAUREL TON 2 N ST VLGE r					.02		.50	.06	.19			.18	.01						1.35	.04												2.35
LAWRENCEVILLE					.56		1.05	T	T		T		.45						.39			.35	.39	.12			.30	T				3.61
LEBANON				T	.02	.04	.15	.29	.10	.01		T	.91	.05	.11	.02	.29		1.37	.09		.01	.20	.01	.17		.01		.07	.06		3.98
LEBANON 3 SW r					.05		.05	.05	.07			.35	.05		.14	.24			1.58			.18		.26				.13	.06	.02		3.23
LECONTES MILLS 5 NW					.04	T	.26	.72	.42				.80						.69	.51		.05	.05	.03	.37					.38		4.32
LEHIGHTON z					.02		.04	1.70	T				.21	T	.15				1.06	.24		.29	.12	.04	.08			.61	1.14			5.70
LE ROY						.28	.20	.22	T										.88			.55	.48				.86				3.47
LEWIS RUN 3 S							.41	.56	.53	.26			.33	T					.34	.03	T		1.00	.40	.46		.20	.32	T	.28		5.12
LEWISTOWN z					.03		.10	.49	.33	.01					.07	.03	.02		.88	.35		.01	.21		.18		.05	.49				3.25
LINESVILLE 6 NW PENN LINE					T		.35	.70	.21				.12		.01				.43	.25		.61	.37	.14			.02	.48		.41		4.10
LOCK HAVEN 2 r				.08	.02	.02	.50	.31	.18			.21	.05					.05	1.13	.03		.06					.35					2.99
LONG POND					.06	.01	.08	.17		.01		.15	.42	.02	.15				.70	1.84		.07	.10	.38	.75			.10	.03			5.04
LYCIPPUS 1 E					.14		.40	.33	.45			.30	1.10			.22		T	.30	.12		.07	.40	.10	.15	T	.12			.43		4.63
MAPLE GLEN	T			.05	.07		.08	.15	.11	.31			2.13		.29	.07	.07		1.10	.37			.20		.01		.04	.23	.45			5.73
MAPLETON DEPOT					T	.03	.01	.14	.13	T			1.14	T		.03	.10		2.06	.60		.04	.04		.36		.43			.09		5.20
MARCUS HOOK	.01	T		.17	.35	.02	.04	.23	.09	.01			.19	T	.18	T	.55		.72	.30			.06	T	.34		.06	.67	.12			4.11
MARIENVILLE r						.30	1.41	.51	.07		*	*	.62					.83	.42	.04		*	*	*				1.64	.32	.19		6.35
MARSHBURG					.06		.18	.68	.36	.08			.38		.01				.28	.07		.09	1.72	.78			.28	.39				5.36
MARTINSBURG r					.06			.27				.96	.03			.13		.03	2.69		.03	.03	.03	.26		.07			.30			4.89
MARTINSBURG BLAIR CO AP			T		.01	.03	.17	.27	.01	T	T	.96	.06		T	.20		.01	2.81	T	.02	.09	.07	.38		.08	T		.30	.04		5.51
MATAMORAS						.12	.34	.49	.51	.12			.44	.07		.13			.44	.47			.36	.58	.24			.38	.72			5.41
MAUCH CHUNK 1 SW			*	*	T	*	.25	.49	.02		T		.28		.18			*	.78	.26		.40	.05	.01	.02	*	.60	1.96				5.30
MC CONNELLSBURG				.07				.15	.15				.44			.11	T		.83	.71					.23		2.00			.20		4.82
MC CONNELLSTOWN 4 NW					.01		.05	.24	.24	T			1.37			.12	.09		2.06	.61		T	.11	T	.26	1.45				.03		6.64
MC KEESPORT					.50	.03	.46	.68	.73				1.89			.13				.94			.06		.24		.60	.05		.34		6.65
MEADVILLE 1 S z					.01	T	.90	.78	.26				.37		.02				.38	.13		.65	.06		.14		.04	1.03		.34		5.11
MEDIX RUN r					.05	.02	.65	.45	.24			1.04	.29					.18	1.50			.15	.13	.58			.15		.52	.02		5.97
MERCER 5 NE WB AIRPORT					.04	.23	.96	.59	T		T	.72	.34		.02			.06	1.38		T	.42	T	.20	.02	T	.23	.45	.30	.70		6.66
MERCER HIGHWAY SHED r					.02	.16	1.26	.25				.92	.23					*	.51			.23		.26			.04	.75	.39	.23		5.25
MERCERSBURG				.01			.10	.37	.10				.93		*	.22	.08		.25	1.04					.22		.56	.31		.68		4.87
MEYERSDALE						.16	.33	.28	.18	.02		.24	.29	.33		.66	.15		.04	1.12		.04		.34	.22	T	.05			.10		4.55
MIDDLETOWN OLMSTED FLD			T	T	.04	T	.51	.10	.12			.62	.03		.07	.19		T	1.30	.01		.13	T	.08	T	T			.36	.01		3.57
MIDLAND DAM NO 7 LOWER					.04	.05	.46	.27	.30				.70			T			.02	.81					.76		.02			.75		4.18
MILAN r					.80		*	*				*	.85						.40			.40	.15				.53	.30				3.43
MILANVILLE					.10	.14	.89	.30	.05	.15		.04	.41	.25					1.33	.12		T	.41	.45	.54			.33	.27				5.78
MILLERSBURG 2 E r						.03			.03			.36	.07						1.13	.17		.26		.03					.10	.03		2.21
MILLVILLE r					.05		.14	.19				.20	.06						*	1.48		*	*	*			1.40					3.52
MILROY			T		.05		.75	.15	T				.83						1.15	.56				.57	.07	T						4.12
MONROE FURNACE r					.02		.80	.02	.03			.80	.05						1.86			.22		.12	.01	.05	.05					4.03
MONROETON 2 S					.06	.17	.12	.20	.10	.09		.12	.20	T					.43	.04		.36	.18	.40	.25			2.04				4.76
MONTROSE 3 E HWY SHED					.07	.36	.35	.40			T	.03	.23	.06	.18				.42			.08	.59	.46	.08			.76	.69			4.76
MONTROSE r					.38		.76					*	*		.43												.60	.25				-
MOSGROVE L 8					.04		.16	.40	.41			.05	.04		.02	T			.70	.51		.04	.34		.58		T	T	.02	.38		4.49
MOUNT POCONO 2 N WB AP z					.05		.49	.10	T		.43	.24	.18		.17				1.46	T		.33	.38	.66	T	T	1.71	.32	.02	.01		6.55
MOUNT UNION 1 NW // r								.14	.03	.06		1.04	.11			.05		.60	2.08	.07			.03	.23		.98						5.42
MURRYSVILLE r					.10	.11	.80	.35	.04			2.39	.06			.12		.06	.88			.59		.56		1.25			.23	.11		7.75
MYERSTOWN				.05			.02	.42	.06				.70	T	.28	T	.30		1.32	.10			.22	T					.12	.02		3.61
NATRONA L 4					.08	.02	.18	.42	.31			T	1.05			.01			.69	.62			.16		.42	T				.32		4.28
NEFFS MILLS 4 NE z							.80	.01	.03			.86	.04						1.76			.14		.07		.16	.19					4.06
NESHAMINY FALLS							.47	T	T			.27	1.58		.40	.21		.02	.89	.12		.17	.17		.14		.56					5.44

See reference notes following Station Index

TABLE 3 — Continued

DAILY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	DAY OF MONTH																												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEWBURG 3 W			T		.02		.08	.10				.69	.08			.20			3.10			T		.02		.02	T		.65			4.96
NEW CASTLE 1 N z					.04	.15	.30	.66				1.21	.08	T	.01			T	.93	.01		.19		.98	.02	.02	.13	T	.10	.19		5.02
NEWELL					.26		.33	.11	.55		.23		.51			.32				2.00			2.03	.12	.25			.12		.73		7.62
NEW PARK			.23		.02		.03	.08		.02		.50	.10			.85			.32	.30		.05	.03	.05	.50		.40			1.46		4.94
NEWPORT				T		.03	.02	.03	.10	T		T	.98		.02	.01			1.15	.43		.02	.20		.02		.08			.22		3.31
NEW TRIPOLI					.01		.40	.83	.02				.33			.03			.91			.15	.07	.03	.32	T	.02	.01		.04		3.17
NORRISTOWN	T			.09		T	.02	.19	.01	.01			1.30	.05	1.02		.14		.80	.49			.02		.01			.07	.64	.01		4.87
ORWELL 3 N					.58	.09	.25	.21					.29		.08							.28	.24	.12	.07			2.03				4.24
PALM						.05	.40	.35					.60		.35		.20		1.05	1.58				.15	.05				.08	.38		5.24
PALMERTON z					.01		1.75	T				.07	.11		.19				.93	.09		.32	T	.36			.63	.81	.04	T		5.31
PARKERS LANDING					.01		.57	.57	.64				1.48						.74	.38		.17	.15		.60			.08		.95		6.34
PARKERS LANDING 1 E r					.04	.18	.77	.60			.01	1.43	.13					.50	.60	.02		.25		.53		.05			.54	.15		5.80
PARK PLACE 1 N WB AIRPORT			T	T	.05		.25	.01	T			.21	.08		.08				.80	.24		.60	.01	.04	.02	T	.30		T			2.99
PAUPACK						.06	.56	.20	.25	.04		.35	.36			.06			.72	.37		.08	.54	.57	.62		.10	1.45				6.33
PECKS POND	.16					.08	.72	.10	.19		T	.08	.48	T	.03	.09			.59	.88		.23	.32	.67	.39			1.13		.05		6.19
PHILADELPHIA WB AIRPORT			.25		.01	T	.34	.02	T			.27	.01	.01	.20	.59		.08	1.32	.08		T		.34			.09	.07		1.26		4.94
PHILADELPHIA PT BREEZE z			.23	.01			.27	.03	T			.01	.15		.13	.39		.05	1.03	.16		.03		.42			.06	.08		1.05		4.10
PHILADELPHIA SHAWMONT			T	.14			.05	T	.10			T	.93		.25	.21		.04	.30	.80		.05	T	T	.05		.05	.38		T		3.35
PHILADELPHIA WB CITY z			.44		.01		.28	.02	.01			.23	.15		.17	.52		.05	.96	.21		.03	T	.33			.04	.16		1.27		4.88
PHILLIPSBURG 7 E WB AP r				T	.20		1.00	.06	T				.47	.03	.24		T		1.05	.17			.30	.05	.24		.15	.30	.70	.10		5.06
PHOENIXVILLE 1 E PUMP z				T			.03	.17	.19				1.20			.51	.16		.81	.60			.14		.13			.37	.73	.21		5.25
PIKES CREEK r			.05		.03		.41	.13	.05		.07	.19	.30		.03				1.02			.20	.22	.43			.50	.02				3.65
PINE GROVE 1 NE				T	.01	.02	.09	2.00	.05				.40	.03	.12	.01	.07		1.30	.37		.01	.13		.09		T	.33	T	.04		5.07
PINE GROVE MILLS 1 S r					.02		.50	.03	.06			.74	.05						2.23	.05		.29	.02	.19	.05	.10	.01					4.34
PITTSBURGH 7 SE WB AP z					.10	.35	.64	.29	.03		T	2.31	.04		T	.12		.05	.68	T		.03		.65	T	.39	T		.21	.16		6.05
PITTSBURGH WB CITY z					.08	.28	.53	.20	.02			1.76	.05		T	.07		.02	.76		T	.08		.29	T	.61			.36	.15		5.26
PLEASANT MOUNT 1 W z					.12	.18	.53	.32	.16				.25						.89			.03	.48	.31	.18		.20	.45	.70			4.80
PORT ALLEGANY					.11	T	.34	.94	.16	.03			.29		.01				.28	.02		.06	.66	.60	1.42		.17	.28		.61		5.98
PORT ALLEGANY 3 SW					.19			1.33					.51						.30		.07				1.09		.84			.39		4.72
PORT CLINTON z				.02		.05	.04	.69	.03				.41	.05	.34	T	.16		.95	.93		T	.33		.33			.05	.16			4.54
PORTLAND					.01	.03	.12	.38	.02	.03		.16	.12	.06	.13				.73	.60			.21	.31	.80			.44	.01	.06		4.22
POTTSTOWN								.14	.07				.91		.62		.42	T	.44	.62					T		.82		T	.82		4.86
POTTSVILLE						T	*	1.84	.02				.47		.09				.83	.30			.28	T	.40			.08				4.31
POTTSVILLE BRIDGE				T	.02	.01	.12	1.42	.02				.46	T	.10		.01		.86	.26		.12	.10		.33			.03	.02	T		3.88
PUNXSUTAWNEY 1						.05		.80	.42	.02		.02	2.15			.02			.60	.96		T	.19		.98					.73		6.94
PUNXSUTAWNEY 2 r					.04	.02	.73	.31	.10			1.89	.20					.28	1.25	.02		.10		.53					.55	.20		6.62
PUTNEYVILLE DAM 2 SE z					.06	.01	.30	.54		.02		.02	1.03		.02				.77	.57		.10	.53		.46	.01				.91		5.35
QUAKERTOWN							.07	.46					.62		.46	.21			1.04	2.15		.14	.09	.17			.73	.12		.23		6.49
RAYMOND r					.08	-	-	.20			.11	-	-						-	-		*	1.21	.55			.35		.16	.05		-
READING WB CITY z			T		.01		.10	.06	.01		T	.45	.22		.14	.28			1.42	.02		.07	.01	T		T	.78	.11	.16	.11		3.95
RENOVO					.04		.26	.78	.45	T			.60						.77	.70		.15	.09	.05	.38			.11	.18	.05		4.61
RENOVO 6 S STATE CAMP r					.06		.43	.58	.22			.38	.12						1.25	.02		.14	.12	.19			.03		.09			3.63
RETREAT FARMS					.01		1.00	T			T	.38	.40						.35	.40		.12	.30	.35		.01		.74	.02			4.08
REW					.09	T	.35	.87	.16	.02			.36						.22	.01		.06	1.26	.53	.78		.27	.38		.43		5.81
RICES LANDING L 6					T	.12	.58	.05	.58			.10	.58			.50	.02	.01	.03	.32			.30	.39	.34	.03			.10		.45		4.50
RIDGWAY z					.06		.40	.64	.42	T			.58			T			.69	.38		.28	.17		.35		.08	.08		.50		4.63
RINGTOWN 1 SW							.50												.90	.50				.30								2.20
ROCHESTER 1 N r					.06	.30	.35	.21				*	.39					.29	1.77			.45		.55		.07		.02	.59	.11		5.16
RUSH 6 S					.26	.03	.34	.29				.03	.18		.19	.04			.36			.38	.20	.34	.25			1.31	.10			4.30
SAFE HARBOR				.07	.01	.03		.15	.02				1.25	.03	.14	.11	.39		1.18	.35					.21							4.09
SALTSBURG	.05				.14	.02	.31	.29	.56			.02	1.38			.06			.71	.96			.58		.82		.44			1.28		7.62
SAXTON z						.07	T	.25	.23			.23	.52	.03		.10	.15		1.29	1.44			.05	.03	.78		.50			.41		6.08
SCANDIA r						.04	1.02	.57				.19	.03					.15	.10			.05	2.47	.73			.06	.12	.59	.21		6.33
SCHENLEY L 5					.09	.02	.14	.56	.38				.86			T			1.64	.73			.05		.28		.02			.40		5.17
SCRANTON WB CITY r					.12		.71	.08	*		.59	.04	.53		.04				1.78	.01		.76	.40	.32		*	2.20		T			7.68
SELINGSGROVE AIRPORT			T		.04		.12	.15	.28		.03		.31		.19	.01			.94	1.04		.08			.40	T	T			.04		3.63
SELLERSVILLE 2 NW r												.57	.06		.10	.09			1.53	.67			.06					.48	.22	.12		3.90
SEWARD					.16	.21	.31	.49	.46	.02		.10	1.81			.18	T		1.02	1.14			.34	.08	.74	.18	.41					8.05
SHADE GAP r					.06			.27	.03		.06	.42				.18			2.63	T	.02	.08	.02	.18		1.10			.38			5.43
SHAMOKIN					.06	T	T	.21	.26				.28		.06				.75			.03	.05	.24				.38				2.32
SHARPSVILLE					.02		.50	.54	.28	.02		.02	.85		.05				.72	.30		.42			.08	.01	.02	.42		.36		4.61
SHEFFIELD 6 W CHRY GRV r					.08	.10	.98	T	.29			.58	.03					.20	.30			.25	.08	.34			.60	.20	.62	.21		5.01
SHIPPENSBURG					.07		.11		.18			T	.21			.18			1.51	.20					.16			.34		.10	.07		3.13
SMETHPORT HIGHWAY SHED r					.05	.04	1.00	.18					.21						.23			.09	1.17	.82	.03			.50		.28	.13		4.73
SOMERSET WATER WORKS	.02				.08	T	.25	.50	.34			.08	.45			T			1.18	.28		1.25	.17	.21	.03	T	.22	T	.27	.11		5.89
SOMERSET 2 E SUBSTATION							.30	.45	.30	.05			.50	.03		.40			.56	1.45			1.00		.30				.30			5.74
SOUTH MOUNTAIN				.04		.08	.01	.05	.16			.03	.98	.10		.14	.23		.58	1.39					.20		1.51	.03		1.03		6.56
SPRING GROVE z			T	.12	.09		.03	.38	.09			1.20	.12			.49			.82	.18				.04	.42		.73			.99		5.70
SPRINGS 1 SW	T		T	.02	.16	.34	.41	.57	.41		.21	.11	.89			1.14			.33	.92		.22	.18	.27	T	.04	.02		.12	.16		6.52
SPRUCE CREEK							.10	.20	.05	.02			.75			T	.01		1.44	.97			T		.26		1.37			.20		5.37
STATE COLLEGE z			T	T	.04	T	.26	.07	.26			.43	.02					T	1.38		T	.18		.10	.19	.30	.03		.06	.01		3.33
STRAUSSTOWN						.03	.05	.45	.04				.55	.03	.39	T	.24		1.48	1.11			.12		.04			.59		.02		5.14
STRONGSTOWN r							.21	.65	.05			.92	.59			.04		.01	4.11			.33	.03	.35								-
STROUDSBURG 2 E SUBSTA				T		.05	.13	.64	.03	.03		.42	.22	.04	.08	.24			.62	.99		T	.25	.25	.32		.04	.25	.23	.06		4.89
STROUDSBURG r				.02			.70		.09		.30	.19	.11		.16			.23	1.47	.03		.25	.40	.22			.22	.21	.08			4.58
SUNBURY z				T	.03		.02	.23	.19	T			.35		.08				1.00	.59		T	.02		.31			.35		.05		3.39
SUNBURY AIRPORT 2 N			T		.04	T	.21	.44	.07			.27	.07		.17	T			1.57	.06	T	.14		.07	T	T	.39		.40			3.90
SUSQUEHANNA					.35	.22	.39	.27	.01	.05	T	.04	.22	T	.05				.37	T		.09	.38	.20	.63			.20	.43			3.90
SUTERSVILLE					.02		.24	.26	.72	.03		.32	1.28	T		.21		T		1.40			.20	.11	.12		.14					5.05
TAMAQUA							.15	.41					.24						.74	.44			.38		.14			.59				3.09
TAMAQUA 4 N STL CR DAM z						.02	.17	.53		.01			.25		.20				1.49	.90	.29	.40	.21		.04			.72		T		3.74
TAMARACK 2 S FIRE TOWER					.02	T	.38	.74	.33	.02			.57						1.05	.33		.10	.20	.18	.38		T	.38	T	.32		5.44
TIONESTA 2 SE DAM z					.01		.54	.86	.63	.01			.57						.43	.40		.25			.27	T	.06	.32	.01	.74		5.92
TITUSVILLE 2 S					.01		1.48	.40	.09			*	.56						.51	.30		.38	.07	.41		.01	.37	.66	*	.30		5.47
TITUSVILLE r						.04	.82	.21	.01			.45						.21			.02	.43		.20			.45	.53	.24	.11		4.23
TOWANDA z					.15		.28	.13	.03		.01	.03	.13		T				.38	.01		.80	.27	.21	.03		.33	1.54				4.33
TOWER CITY 5 SW					.04		.41	.59					.58	.27	.10				1.11	.33		.26		.22								3.91
TUNKHANNOCK 1 S z					.10	.06	.39	.15				.02	.27	.01	*	*	*	*	*	1.17		.66	.08	.40	.22			1.92				5.45
TUNNELTON // r					.22	.10	.62	.51	.03			1.13	.15			.09		.14	1.56			.36		.55		.47			.95	.15		7.03
TYRONE 4 NE BALD EAGLE r					.03		.54	.18				.92	.05					.04	2.24			.25		.04	.01	.35			.32			4.97
UNION CITY 1 W r					.10	.25	1.43	.57				.06							.20	.02		.15	.76	.13			.20	.10	.27	.24		4.48
UNIONTOWN					.18	.46	.27	.65	.24		.18	.35	.68		.02	.79			.05	.39	.03	.07	.95	.30		.03	.06		.80	.25		6.75
VANDERGRIFT					.13	.06	.36	.33	.33				1.25		T					.95	.78	T	.09	T	.50	T				.52		5.30
VANDERGRIFT 2 W r					.14	.11	.80	.29				.90	.26					.58	1.20			.10		.50					.42	.08		5.38
VIRGINVILLE				.02		.01	.06	.83	.04				.42	.02	.26		.18		1.48	1.22			.24	.02	.01			T		.18		4.96
WARREN					.12	.02	.31	.81	.15	.10			.21		.01				.25	.14		.15	1.29	.20	1.09		.07	.20	.04	.59		5.73
WASHINGTON r					.20	.87	.21	.31	.02		.10	.91	.06			.37			1.75			.25		.42	.02				.42	.01		5.93
WATROUS 9 S LEE FIRE TWR					.01	.05	.33	1.01	.06	.02			.31						.58	.04		.07	.03	.55	.49		.01	.44		.28		4.28
WAYNESBURG 2 W					T	.16	.72	.05	.48	T		.02	.46		.01	.33	.06	.01	.05	.27			T	.02	.32				.06		.96		3.98
WAYNESBURG 1 E r					.16	.74	.07	.49	.03			.35	.18			.46		.03	.28			.21	.03	.32			.10		1.17	.08		4.70

See reference notes following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WEBSTER MILLS 3 SW r						.04	.21	.33				.78	.07			.18			1.50					.45		1.17	.11		.89			5.69
WELLSBORO					.12	.06	.32	.66	.02	T		.03	.33		T				.34	.01		.05	.07	.62	.53	T	T	.49	T	.04		2.69
WELLSBORO 2 E r				.07	.10	.04	.70	.12				*	.30						.32			.10	.56	.39			.42		.03		3.15
WELLSVILLE				T	.04		.06	.43	.12			.75	.95		.07	.20		T	3.41	.12			T	.02			.04	.05		.51	6.77
WERNERSVILLE			T	.01	.02	T	.15	.23	.03	T			.56		.06	.23		T	1.26	.10		.16	.02		.01	T	.57	.04		.21	3.66
WEST CHESTER			.29	.02			.19	.05					.84		.22	.42		.02	1.25	.17		.04	.06	.32			.90	1.23		1.17	7.19
WEST GROVE 1 SE	T			.18	.03			.19	T				.13		.10	*	.59		1.77	.44					.53			.06		.26	4.28
WEST NEWTON					.14		.27	.64	.71			.31	1.30			.22				1.38			.31	.73	.23		.39	.06		.68	7.37
WILKES BARRE						.04	.25	.20	T	T		.51	.30		.06	.25			.77	.43		.03	.17	.45	.95		T	.72	.15	.02	5.30
WILLIAMSPORT 4 SE					.04		.10	.37	.20	.08			.32	T	.04				.87	.67		.08	.13	.19				.17		.05	3.31
WILLIAMSPORT 4 E WB AP					.04	T	.36	.16	T		T	.23	.75		.06				1.40	T	T	.16	.07	.06	T	.01	.12		T	.10	3.52
WILLIAMSPORT z					.04		.19	.47	.16	.20			.22		.18				1.09	.46		.06	.14	.13	.08		.02			.03	3.47
WILLIAMSTOWN						.16		.55	.14	.05			.58	.05	.17	.05			.74	.36		.02	.24		.28					.13	3.52
WIND GAP 3 SW r					.04		.69				.09	.05	.13		.15				.86	.10		.15	.19	.15			.37	.41	.05		3.43
YORK 3 SW PUMPING STA			.02	.04	.14			.20	.07	.05		.52	1.19		.02	.46			1.62	.17				.08	.45		.10			.45	5.58
YORK 2 S FILTER PLANT r			.02	.06	.16		.12	.06	.05			1.13	.10		.17	.37			2.09	.01				.55					.30	.05	5.24
YORK HAVEN					T	.03	.01	.29	.13	.09		.02	1.57	.04	.08	.04	.19		1.52	.27			.01							.14	4.43
YOUNGSVILLE r				*	*	*	*	*	2.00			-	-					.20	1.33			.49	-	-			.06	.19	.11	.13	-
ZIONSVILLE						.30	.25						.95		.25	.20			1.15	2.50		.15	.05		.35				.15	.20	6.60
DELAYED DATA																														
DECEMBER 1947																														
DU BOIS 7 E				.08	.27	.01	.35	.15						.03	.59	.04										.05	.02	.04		.03	.15	1.81
RAYMOND		.03	.08	.06	.30	.05	.12	.06		.01	.05				.48	.12										.03	.03	.08		.01	.06	1.57

See reference notes following Station Index

TABLE 4
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
												3d													
ALLENTOWN WB AIRPORT																							.01		.01
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BETHLEHEM LEHIGH UNIV														.02											.02
CHAMBERSBURG																	.01		.02	.01					.04
COATESVILLE 1 SW																	.01	.03	.03	.03					.10
DINGMANS FERRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GETTYSBURG 1 S																	.02	.02							.04
GLEN ROCK																.04	.04	.01	.04	.01					.14
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLTWOOD																	.02	.04	.03	.02	.01				.12
HONESDALE 6 N TANNERS FALLS //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHILADELPHIA WB AIRPORT															.03	.03	.03	.03	.03			.10			.25
PHILADELPHIA POINT BREEZE																.01		.08	.02	.06			.02	.04	.23
PHILADELPHIA WB CITY																.03	.17	.07	.01		.02	.07	.07		.44
PIKES CREEK																							.05		.05
SPRING GROVE														.01	.01	.03	.02	.01	.01	.01	.01	.01			.12
YORK 2 S FILTER PLANT																		.01	.01						.02
												4th													
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER SUBSTATION			.01						.01			.01		.01	.01			.01			.01	.01			.08
DINGMANS FERRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HONESDALE 6 N TANNERS FALLS //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JACKSON SUMMIT																			.03	.03					.06
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCK HAVEN 2																					.04	.03	.01		.08
PHILADELPHIA POINT BREEZE		.01																							.01
SPRING GROVE		.06																							.06
STROUDSBURG	.02																								.02
WELLSBORO 2 E																					.07				.07
YORK 2 S FILTER PLANT	.02	.04																							.06
YOUNGSVILLE																				*	*	*	*	*	*
												5th													
ALLENS MILLS				.01	.06																				.07
ALLENTOWN WB AIRPORT									.01																.01
AUSTINBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.15	*	*	*	*	*	.02											.17
BLAIN							.03	.01	.01	.01											.01		.01	.01	.09
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.31																	.31
BLAKESLEE CORNERS							.02	.01	.01																.04
BOSWELL						.01	.08	.08																	.17
BROOKVILLE AIRPORT 6			*	*	*	*	*	.03																	.03
BUTLER SUBSTATION				.02																					.02
CANTON 1 NW				.03	.01		.04																		.08
CARTER CAMP							.01	.01	.01																.03
CHAMBERSBURG						.01	.01	.01																	.03
CHARLEROI							.14	.11	.01																.26
CLARION 3 SW				.02	.01																				.03
COALPORT									.02																.02
CONFLUENCE 1 SW								.03	.10	.02															.15
CONNELLSVILLE 4 N								.10	.11	.02															.23
CRESSON 1 E SUMMIT								.03		.01															.04
CURWENSVILLE 6 NW 6			*	*	*	*	*	.06																	.06
DINGMANS FERRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRIFTWOOD									.01	.01	.01														.03
DU BOIS 7 E							.01	.01		.01		.01										.01		.01	.06
DUNLO						.09	.03	.07																	.19
DUSHORE	.04		.01	.01		.04		.03	.06	.01															.20
ENGLISH CENTER							.01																		.01
ERIE WB CITY			.01		.01	.03																			.05
ERIE AIRPORT 6x			*	*	*	*	*	.04																	.04
FORD CITY 4 S //					.05	.01	.02	.01																	.09
GOOD SPRINGS 1 NW						.01	.02																		.03
GREENSBURG 2 E HIGHWAY SHED							.10	.01																	.11
HARRISBURG 3 S WB AIRPORT							.01	.03																	.04
HAWLEY 1 S WALLEN DAM							.03	.03	.06	.02															.14
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG						.01	.01																		.02
HOLTWOOD											.02	.01													.03
HOME					.01	.01	.03		.03	.01	.01														.10
HONESDALE 6 N TANNERS FALLS //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUNTSDALE							.01	.01																	.02
INDIANA 2 SE					.10		.02	.01	.02	.01									.01		.01	.01	.01	.01	.21
JACKSON SUMMIT		.03	.02	.02	.17	.13	.01																		.38
JAMESTOWN 2 NW							.01	.01																	.02
JOHNSTOWN 2					.01	.10	.05	.07																	.23
KANE 5 SE					.01	.10				.01															.12
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANCASTER 2 NE FILTER PLANT								.01	.02	.02															.05
LAURELTON STATE VILLAGE						.02																			.02
LEBANON 3 SW								.03	.01	.01															.05
LEWISTOWN						.03	.01	.01																	.05
LOCK HAVEN 2				.01	.01																				.02
MARTINSBURG							.03	.01	.02																.06
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.01																	.01
MEADVILLE 1 S			.01				.01																		.02
MEDIX RUN				.01	.01	.01		.02																	.05
MERCER 5 NE WB AIRPORT 6x			*	*	*	*	*	.04																	.04
MERCER				.01	.01																				.02
MILAN		*	*	*	*	*	*	*	*	*	*	*	*	.80											.80
MILLVILLE					.01	.02	.01	.01																	.05
MONROE FURNACE		*	*	*	*	*	*	.02																	.02
MONTROSE					.01	.02	.01	.23	.08	.03															.38
MOUNT POCONO 2 N WB AIRPORT //							.04	.01																	.05
MURRYSVILLE							.10																		.10
NEW CASTLE 1 N				.04	.01		.01																		.05
PARKERS LANDING 1 E				.03	.01																				.04
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.05																	.05
PHILADELPHIA WB AIRPORT											.01														.01
PHILADELPHIA WB CITY											.01														.01

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PHILLIPSBURG 7 E WB AIRPORT					.01	.02	.02	.01																	.06
PIKES CREEK						.03																			.03
PINE GROVE MILLS 1 S					.01			.01																	.02
PITTSBURGH 7 SE WB AIRPORT //							.06	.04																	.10
PITTSBURGH WB CITY							.06	.02																	.08
PLEASANT MOUNT 1 W					.02	.07	.05	.10	.04																.28
PUNXSUTAWNEY 2																	.02	.01	.01						.04
RAYMOND				.02						.01	.02	.02	.01												.08
READING WB CITY									.01																.01
RENOVO 6 S STATE CAMP					.03	.01		.01		.01															.06
RIDGWAY				.01	.01	.01	.01																		.04
ROCHESTER 1 N							.04	.01			.01														.06
SCRANTON WB CITY						.01	.07	.03	.01																.12
SHADE GAP							.02	.01	.01		.01		.01												.06
SHEFFIELD 6 W CHERRY GROVE			.01		.01	.01	.01			.01		.01		.01	.01										.08
SMETHPORT HIGHWAY SHED																	.01		.01		.01	.01	.01		.05
SPRING GROVE								.02	.08		.01	.01	.01												.13
STATE COLLEGE					.02	.02																			.04
STRONGSTOWN					.03	.07	.04																		.14
SUNBURY						.01	.01																		.02
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.04																	.04
TAMAQUA 4 N STILL CREEK DAM								.02	.01																.03
TOWANDA				.02	.01	.01	.11	.06	.01																.22
TUNKHANNOCK 1 S					.02	.03	.01	.04	.05																.15
TUNNELTON //					.05	.02	.12	.03																	.22
TYRONE 4 NE BALD EAGLE					.01	.02																			.03
UNION CITY 1 W																	.10								.10
VANDERGRIFT 2 W				.01	.08		.01	.03	.01																.14
WASHINGTON							.05	.10	.03	.02															.20
WAYNESBURG 1 E								.09	.03	.01	.01			.01											.15
WELLSBORO 2 E			.02		.01	.07																			.10
WILLIAMSPORT 4 E WB AIRPORT 6			*	*	*	*	*	.04																	.04
WILLIAMSPORT		*	*	*	*	*	*	.04																	.04
WIND GAP 3 SW							.02	.01	.01																.04
YORK 2 S FILTER PLANT								.02	.07	.03	.01	.01	.01	.01											.16
YOUNGSVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
												6th													
ALBION																									
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.02	.03	.01	.07
BLAIN	.01	.01	.01																		-	-	-	-	-
BLAIRSVILLE 6 ENE 6																									.03
BOSWELL																					*	*	*	.18	.18
BROOKVILLE AIRPORT 6																					.09	.03	.02		.14
BUTLER SUBSTATION																					*	*	*	.05	.05
CARTER CAMP																					.04	.03			.07
CHARLEROI																								.04	.04
CLARION 3 SW																			.03	.09	.08	.01		.08	.29
COALPORT																				.02	.04	.10	.06	.01	.23
CONFLUENCE 1 SW																		.01		.01	.01	.05		.01	.09
CONNELLSVILLE 4 N														.03	.01					.12	.17	.13	.03		.49
CURWENSVILLE 6 NW AIRPORT 6																				.09	.18	.16	.03		.46
DINGMANS FERRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	*	*	.15	.15
DRIFTWOOD																			-	-	-	-	-	-	-
DU BOIS 7 E			.01			.01	.01											.01	.01	.01	.01	.01	.07	.01	.13
DUNLO																							.01	.01	.05
EMPORIUM																							.02	.02	.04
ERIE WB CITY																							.04	.12	.16
ERIE AIRPORT 6x																						.03	.03	.02	.08
FORD CITY 4 S //																					*	*	*	*	.14
FRANKLIN																						.01	.01		.02
GLENCOE																			.01	.01	.09	.06	.12	.01	.30
GREENSBURG 2 E HIGHWAY SHED														.02					.01	.08	.03	.08	.02		.24
HEWITT 2 S																					.11				.11
HOME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HONESDALE 6 N TANNERS FALLS //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.01	.01	.03
INDIANA 2 SE	.01	.01			.01		.02									.01									
JAMESTOWN 2 NW																			.01	.01	.03	.04			.15
JOHNSTOWN 2																			.05	.05	.11	.02	.02	.03	.28
KANE 5 SE																						.07	.02	.02	.11
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.03	.09		.12
LOCK HAVEN 2																						-	-	-	-
MARIENVILLE																							.02		.02
MARTINSBURG BLAIR CO AIRPORT 6																						.18	.12		.30
MEADVILLE 1 S																					*	*	*	.03	.03
MEDIX RUN																			.01	.05	.12	.04	.02	.04	.28
MERCER 5 NE WB AIRPORT 6x																						.01	.01		.02
MERCER															*	*	*	*	*	.03	*	*	*	.20	.23
MILLERSBURG 2 E																		.04		.07	.01	.02	.01	.01	.16
MURRYSVILLE																								.03	.03
NEW CASTLE 1 N																				.01	.04	.05	.01		.11
PARKERS LANDING 1 E																						.09	.02		.11
PHILLIPSBURG 7 E WB AIRPORT																			.03	.02	.02	.09	.01	.01	.18
PITTSBURGH 7 SE WB AIRPORT //																							.01	.01	.02
PITTSBURGH WB CITY																				.03	.14	.17	.01		.35
PUNXSUTAWNEY 2																				.01	.02	.02	.22	.01	.28
PUTNEYVILLE 2 SE																				.01			.01		.02
RAYMOND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RIDGWAY							.01		.01																.02
ROCHESTER 1 N																			-	-	-	-	-	-	-
SCANDIA																						.02	.05	.01	.08
SHEFFIELD 6 W CHERRY GROVE																				.01	.08	.14	.07		.30
SMETHPORT HIGHWAY SHED	.01	.01		.01		.01																	.01	.03	.04
STRONGSTOWN																							.10		.10
TIONESTA 2 SE DAM //																									.04
TITUSVILLE																						.21	.05		.26
TUNNELTON //																				.01	.02	.18	.14		.35
UNION CITY 1 W																				.01	.01	.01	.01		.04
VANDERGRIFT 2 W																					.05	.04	.01		.10
WASHINGTON																						.09	.13	.03	.25
WAYNESBURG 1 E																				.05		.05	.01		.11
WEBSTER MILLS 3 SW								.01				.01					.01	.03	.09	.08	.53	.13	.01		.87
WELLSBORO 2 E																		.24	.19	.10	.07	.01		.10	.74
YOUNGSVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		.01	.03	.04
																						*	*	.04	.04

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TABLE 4 — Continued

HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
												7th													
ALBION	.03	.10	.04	.04	.09	.35			.01	.02	.22	.04									.01		.31	.07	1.33
ALLENS MILLS			.01	.05	.06	.03	.01							.49										.06	.71
ALLENTOWN WB AIRPORT			.02	.06												.65					.10	.22	.14		1.19
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.63	*	*	*	*	*	.35							*	*	*	.13	1.11
BETHLEHEM LEHIGH UNIV		.01	.01	.01	.04		.01									.57	.33				.03	.04	.29	.02	1.36
BLAIN																		.50							.50
BLAIRSVILLE 6 ENE	*	.02	*	*	*	*	*	.17							*	*	*	*	*	.19	*	*	*	.01	.39
BLAKESLEE CORNERS	.13	.04		.01	.01	.18	.16	.01											.02	.04					.60
BOSWELL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BROOKVILLE AIRPORT 6	*	.02	*	*	*	*	*	.20	*	*	*	*	*	.40	*	*	*	*	*	.25	*	*	*	.05	.92
BUCKSTOWN			.01	.01	.03				.05	.01				.07								.01		.01	.20
BUTLER SUBSTATION		.05	.32	.06	.01	.01	.01	.01	.03	.08	.01	.09	.03									.04	.09	.03	.87
CANTON 1 NW							.03	.07	.03	.03						.07	.22	.05	.01	.02		.02			.55
CARTER CAMP	.15					.18	.07	.03	.01	.01	.01		.10	.05	.01	.09		.10							.81
CHAMBERSBURG			.01	.02								.06	.03		.01					.12					.25
CHARLEROI	.05	.05		.01																		.06	.02		.19
CLARION 3 SW	.01	.01	.07	.09	.07	.04	.01			.03		.01	.28										.01	.09	.72
COALPORT	.01	.01	.01	.01	.03	.02	.07	.01	.01	.01						.32	.04		.01	.01	.01	.01			.59
COATESVILLE 1 SW			.10					.03									.01	.01				.05	.15	.01	.36
CONFLUENCE 1 SW		.05	.01	.01																				.10	.17
CONNELLSVILLE 4 N	.01	.08	.03	.05	.01											.02							.01	.02	.23
CRESSON 1 E SUMMIT			.03	.01	.04	.02				.01	.01			.01	.04		.01								.18
CURWENSVILLE 6 NW AIRPORT 6	*	.01	*	*	*	*	*	.30	*	*	*	*	*	.05	*	*	*	*	*	.32					.68
DINGMANS FERRY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.22	.08			.02					.32
DRIFTWOOD	.01	.01		.01	.04	.05	.08	.01	.01				.01	.01	.08	.07									.39
DU BOIS 7 E	.03	.01	.06	.11	.05	.05					.20	.10		.15	.05									.06	.87
DUNLO			.06		.05	.02	.01		.02	.03					.04			.01							.24
DUSHORE		.15	.06	.01		.03				.02	.01							.01	.03						.32
EMPORIUM	.01	.01		.03	.07	.15	.03	.02	.01	.01	.02		.05	.02	.14	.01									.58
ENGLISH CENTER	.02					.01	.03	.04	.03	.01	.01	.01	.01			.31	.02								.50
ERIE WB CITY	.14	.12	.03	.04	.04	.35	.16			.01	.05	.06			.01							.01	.52	.18	1.72
ERIE AIRPORT 6x	*	.14	*	*	*	*	*	.98	*	*	*	*	*	.14	*	*	*	*	*	.02	*	*	*	*	1.93
FORD CITY 4 S //	.01	.06	.12	.02	.02	.01					.44		.02	.06									.04	.10	.90
FRANKLIN	.01	.14	.04	.03	.06	.01	.13		.13	.08	.05	.32	.01										.26	.03	1.30
GLENCOE		.08											.05	.03										.09	.25
GLEN ROCK															.01						-	.21	.01		.23
GOOD SPRINGS 1 NW	.02	.03	.01			.02	.02											.20	.05	.07					.42
GREENSBURG 2 E HIGHWAY SHED		.08	.08																				.23	.09	.48
HARRISBURG 3 S WB AIRPORT				.01										.01					.16	.11					.29
HAWLEY 1 S WALLEN DAM			.18	.08	.12	.01	.10	.24	.03	.01			.02									.02	.02		.83
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG				.02	.01	.02	.02			.01	.03				.06										.17
HOLTWOOD				.02	.02			.01									.01						.16		.22
HOME	.01	.01	.10	.11	.10	.01					.01		.01	.03	.02									.10	.51
HONESDALE 6 N TANNERS FALLS //										.03	.02			.02	.02			.01		.06					.16
INDIANA 2 SE		.01	.09	.12	.08			.01	.01	.01	.01		.01	.01	.17	.02								.10	.65
JACKSON SUMMIT	.10	.20	.02		.03	.01	.06	.08	.02			.01			.76	.03	.22		.02						1.56
JAMESTOWN 2 NW	.07	.01	.07	.03	.05	.01		.03	.05	.26					.03	.01		.01				.05	.12		.80
JOHNSTOWN 2			.01	.01	.03																			.03	.08
KANE 5 SE		.02	.08	.09	.11		.08	.02		.10	.18		.52		.10									.09	1.39
KIRKWOOD 1 SW																.30						.10			.40
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANCASTER 2 NE FILTER PLANT																							.03	.01	.04
LAURELTON STATE VILLAGE						.01	.05	.04	.01	.01	.02			.01	.04	.05	.24	.02							.50
LEBANON 3 SW																				.01	.04				.05
LEHIGHTON				.01	.01										.10	.60	.20			.30	.33	.10	.02		1.67
LEWISTOWN					.01	.08	.11						.01				.09	.03	.12						.45
LOCK HAVEN 2						.01	.03	.04	.02					.01	.02	.25	.10	.01					.01		.50
MARIENVILLE	.08	.01	.01	.20	.12	.06	.02			.18	.02		.50											.21	1.41
MARTINSBURG BLAIR CO AIRPORT 6	*	.01	*	*	*	*	*	.01	*	*	*	*	*	.01	*	*	*	*	*	.14	*	*	*	*	.17
MEADVILLE 1 S	.10	.04	.04	.08	.16	.20	.02	.02	.07	.11	.30	.01											.24	.01	1.40
MEDIX RUN					.15	.08	.03	.01	.01	.01	.03	.03	.10	.01	.14	.01	.04								.65
MERCER 5 NE WB AIRPORT 6x			*	*	*	*	*	.13	*	*	*	*	*	.58							*	*	*	.25	.96
MERCER		.03	.03	.04	.01	.02		.12	.05	.65												.01	.30		1.26
MILAN		*	*	*	*	*	*	*	*	*	*	.35		*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE							.04	.02	.01	.01	.01	.01						.04							.14
MONROE FURNACE						.03	.02	.03		.01	.01	.05	.15		.15	.11	.22	.02							.80
MONTROSE		*	*	*	.34	.01	.03			.05	.02	.01	.01					.01	.03	.07	.18				.76
MOUNT POCONO 2 N WB AIRPORT //		.09	.06	.01		.10	.13								.03	.02			.05						.49
MURRYSVILLE	.01	.11	.12	.02				.01	.01	.01		.04	.01			.01							.14	.31	.80
NEFFS MILLS 4 NE		.01	.01	.01	.05	.06	.08	.02	.01	.04	.02	.03	.01	.10	.05	.22	.08								.80
NEW CASTLE 1 N		.01	.06	.01	.01					.01	.20			.01			.01					.18	.10		.60
PALMERTON			.05			.01									.87	.26			.27	.12	.20	.01			1.79
PARKERS LANDING 1 E		.05	.14	.16	.01	.01							.29	.01									.03	.07	.77
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.07							*	*	*	*	*	.17	*	*	*	.01	.25
PHILADELPHIA WB AIRPORT				.04	.02												.21	.06						.01	.34
PHILADELPHIA POINT BREEZE					.07	.01													.19						.27
PHILADELPHIA WB CITY			.01	.01													.03	.23							.28
PHILLIPSBURG 7 E WB AIRPORT	.01	.04	.04	.04	.04	.04	.04		.01		.01	.01				.04	.03								.35
PHOENIXVILLE 1 E PUMP STATION																	.02	.06					.04	.06	.18
PIKES CREEK	*	*	.17	.01	.01		.01	.01	.03	.07								.06	.04						.41
PINE GROVE MILLS 1 S			.02		.01	.06	.04	.08			.02	.02	.01		.07		.15	.01						.01	.50
PITTSBURGH 7 SE WB AIRPORT //	.01	.03	.01							.02		.05	.01	.01									.03	.47	.64
PITTSBURGH WB CITY		.02	.04							.05	.01	.15											.21	.05	.53
PLEASANT MOUNT 1 W			.24	.12	.19		.02	.10		.04	.06	.01													.85
PORT CLINTON			.01		.01	.01		.02	.01						.14	.06			.12		.05	.02			.73
PUNXSUTAWNEY 2		.01	.02	.10	.17	.04				.04	.10	.02	.02	.11							.35				.73
PUTNEYVILLE 2 SE		.01	.12	.04	.02	.06	.01			.01	.01		.01	.38										.10	.72
RAYMOND	-	-	-	-	-	-	-	-	-	-	-	-	-	.18	.17	.14								.05	-
READING WB CITY				.02																.02	.01	.05			.10
RENOVO 6 S STATE CAMP						.07	.10	.03	.01						.18	.03					.01				.43
RIDGWAY		.01	.06	.10	.03	.08	.02				.08		.20	.12										.18	.88
ROCHESTER 1 N	.03	.03	.04				.01	.02	.07	.05	.05												.05		.35
SCANDIA	.01	.05	.05	.05	.05	.10	.01	.14	.01		.04	.16	.28	.01	.04	.01								.01	1.02
SCRANTON WB CITY		.03	.18	.10	.01		.12	.01		.01	.02								.01	.09	.13				.71
SHEFFIELD 6 W CHERRY GROVE		.02	.05	.05	.11	.05	.05	.09		.04	.05	.11	.10											.26	.98
SMETHPORT HIGHWAY SHED			.01	.03	.05	.05	.10	.01	.10		.01	.23	.06	.30		.03				.01		.01			1.00
SPRING GROVE																					.37				.37
STATE COLLEGE		.01			.03	.12	.03	.01				.02		.01			.03								.26
[illegible]	.02	.01	.02	.05	.04	.05									.01	.01									.21
[illegible]			.04	.01	.01										.10	.30	.03			.17	.02	.02			.70
[illegible]							.02	.06	.01	.01				.01				.02							.13
SUNBURY AIRPORT 2 N 6	*	.01	*	*	*	*	*	.01	*	*	*	*	*	.05	*	*	*	*	*	.14	*	*	*	*	.21

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TAMAQUA 4 N STILL CREEK DAM					.02	.10	.01												.45	.03	.02	.01			.64
TIONESTA 2 SE DAM //	.04	.01	.01	.04	.20	.03	.14	.02	.01	.28	.04	.17	.13										.01	.22	1.35
TITUSVILLE	.01	.05	.10	.11	.05	.14	.08																.16	.12	.82
TOWANDA	.03	.06	.02			.01	.02	.03	.03	.01							.03			.01	.02				.27
TUNKHANNOCK 1 S		.21	.11	.02				.01				.01		.02	.03	.04			.02						.47
TUNNELTON //	.01	.02	.12	.15	.05			.01	.01	.01			.01	.01										.22	.62
TYRONE 4 NE BALD EAGLE				.07	.03	.04	.06	.02						.10	.05	.17									.54
UNION CITY 1 W	.04	.10	.10	.01	.09	.20	.10			.02	.30	.18											.21	.08	1.43
VANDERGRIFT 2 W		.22	.06	.01						.10				.22	.01	.01							.06	.11	.80
WASHINGTON	.03									.02	.05	.01										.05	.05		.21
WAYNESBURG 1 E			.01			.01																	.03	.02	.07
WEBSTER MILLS 3 SW	.01												.17											.03	.21
WELLSBORO 2 E	.18	.01		.01	.05	.01	.10	.03			.01				.25	.04	.01								.70
WILLIAMSPORT 4 E WB AIRPORT 6	*	.09	*	*	*	*	*	.02	*	*	*	*	*	.02	*	*	*	*	*	.23					.36
WILLIAMSPORT		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.19					.19
WIND GAP 3 SW			.05	.07	.04		.01									.08	.01		.03	.10	.26	.04			.69
YORK 2 S FILTER PLANT					.01	.01	.01														.09				.12
YOUNGSVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
												8th													
ALBION	.01						.05	.10	.05	.02	.18	.14	.21	.10											.86
ALLENS MILLS	.24												.05		.06	.14	.10	.02	.08	.05	.03	.02		.01	.80
ALLENTOWN WB AIRPORT																				.01					.01
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.15													*	*	*	.01	.16
BETHLEHEM LEHIGH UNIV																				.13	.04				.17
BLAIN			.05		.01												.05	.01							.12
BLAIRSVILLE 6 ENE 6		.03													*	*	*	*	*	.37	*	*	*	.22	.62
BLAKESLEE CORNERS																			.52	.01					.53
BOSWELL	*	*	*	*	*	*	*	.31							.05			.25			.01	.01		.05	.68
BROOKVILLE AIRPORT 6	*	.30							*	*	*	*	*	.02	*	*	*	*	*	.50	*	*	*	.15	.97
BUCKSTOWN	.01			.01	.01	.03									.05		.03	.07				.01		.01	.23
BUTLER SUBSTATION					.01					.01		.01	.02		.06	.10	.02	.02	.09				.01		.35
CANTON 1 NW				.01																					.01
CARTER CAMP		.05	.01											.01	.01		.01	.03	.08	.01					.21
CHAMBERSBURG		.01	.01														.05								.07
CHARLEROI													.10				.24	.01	.01		.11	.01	.01		.49
CLARION 3 SW	.08												.09	.05	.02	.14	.08	.02	.11	.05		.06	.01		.71
COALPORT	.06	.04																.12	.10						.32
CONFLUENCE 1 SW	.23	.18	.01	.01											.15			.03				.07	.05	.02	.75
CONNELLSVILLE 4 N	.04													.04			.02	.04				.16	.03	.04	.37
CRESSON 1 E SUMMIT	.11	.03						.01							.02			.02	.14	.01			.01	.01	.36
CURWENSVILLE 6 NW AIRPORT 6	*	.10	*	*	*	*	*	.01	*	*	*	*	*	.01	*	*	*	*	*	.58	*	*	*	.04	.74
DRIFTWOOD		.12													.06	.02	.09	.23	.01	.01		.01			.55
DU BOIS 7 E	.06						.01							.10	.03	.30	.17						.03	.01	.71
DUNLO	*	*	.03												.05			.15	.04	.01			.05	.03	.36
DUSHORE				.01	.02													.02	.05	.03					.13
EMPORIUM	.04	.05	.03	.01	.01													.11	.01						.26
ENGLISH CENTER			.10	.01				.01							.01	.01	.01								.15
ERIE WB CITY							.05	.04	.15	.06	.05	.05	.05	.04							.08	.04	.01		.62
ERIE AIRPORT 6x	*	79	*	*	*	*	*	.07	*	*	*	*	*	.37	*	*	*	*	*	.02	*	*	*	*	.63
EVERETT			.10													.15	.01						.01		.27
FORD CITY 4 S //	.01													.02			.02	.04	.05	.04	.05	.10	.02		.35
FRANKLIN												.19	.09	.05	.03				.03	.01			.01	.01	.43
GLENCOE	.06	.08												.02	.02	.01		.02		.01		.09		.01	.32
GLEN ROCK			.01																						.01
GREENSBURG 2 E HIGHWAY SHED													.09			.19	.05	.02	.02	.02		.01	.09	.01	.50
HARRISBURG 3 S WB AIRPORT																		.01							.01
HAWLEY 1 S WALLEN DAM	.01						.05	.01														.04			.11
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG	.10	.04														.03	.01	.01	.09						.28
HOME	.08																.11	.02	.04	.03	.03	.11			.42
INDIANA 2 SE	.02						.01	.02								.02	.18	.11		.03	.05	.03			.47
JACKSON SUMMIT			.07				.01				.01		.03												.12
JAMESTOWN 2 NW						.03	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
JOHNSTOWN 2	.33						.01			.01					.05			.28	.02			.10			.80
KANE 5 SE	.01								.01	.03	.01	.01	.01		.01	.02	.01	.03	.34	.10		.01		.01	.61
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAURELTON STATE VILLAGE								.01	.02								.01	.01	.01						.06
LEBANON 3 SW																			.03	.01	.01				.05
LEWISTOWN		.01	.06													.28	.05	.02						.01	.43
LOCK HAVEN 2		.03	.01													.20	.02	.01	.02	.01		.	.01		.31
MARIENVILLE	.03	.01	.01			.01			.01				.03	.09	.01			.02	.01	.21	.05		.01	.01	.51
MARTINSBURG	.02	.10	.01	.01											.01	.05	.02		.05						.27
MARTINSBURG BLAIR CO AIRPORT 6	*	.01	*	*	*	*	*	.12							*	*	*	*	*	.14					.27
MEADVILLE 1 S							.02	.03	.04	.01	.04	.03	.03	.01					.01	.01			.01		.24
MEDIX RUN	.02	.15	.01	.01				.01				.04	.01	.02	.01	.02	.09	.06							.45
MERCER 5 NE WB AIRPORT 6x									*	*	*	*	*	.24	*	*	*	*	*	.34	*	*	*	.01	.59
MERCER														.09	.01	.05	.02	.03	.05						.25
MILAN	*	*	*	*	*	*	*	*	*	*	*	*	*												*
MILLVILLE			.01	.05													.02	.10	.01						.19
MONROE FURNACE			.01					.01																	.02
MOUNT POCONO 2 N WB AIRPORT //																				.08	.02				.10
MOUNT UNION 1 NW //			.06													.02	.06								.14
MURRYSVILLE	.02															.01	.09	.07	.05	.01	.06	.01	.01	.02	.35
NEFFS MILLS 4 NE							.01																		.01
NEW CASTLE 1 N		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40	.40
PARKERS LANDING 1 E	.01								.02				.01	.06	.10	.20	.03	.06	.03	.06	.02				.60
PARK PLACE 1NW WB AIRPORT 6															*	*	*	*	*	.01					.01
PHILADELPHIA WB AIRPORT								.01								.01									.02
PHILADELPHIA POINT BREEZE	.02					.01																			.03
PHILADELPHIA WB CITY	.01											.01													.02
PHILLIPSBURG 7 E WB AIRPORT	.01	.04	.03											.04	.04	.04	.05	.05	.03	.03			.02	.01	.39
PHOENIXVILLE 1 E PUMP STATION								.01						.20	.01										.22
PIKES CREEK				.03	.04		.01		.01											.02	.01	.01			.13
PINE GROVE MILLS 1 S	.01	.01	.01																						.03
PITTSBURGH 7 SE WB AIRPORT //																	.07	.10	.06	.03	.01	.01	.01		.29
PITTSBURGH WB CITY																.01	.02	.04	.04	.04	.01	.01	.02	.01	.20
PLEASANT MOUNT 1 W				.01		.01						.18													.20
PUNXSUTAWNEY 2									.01					.01		.13	.04	.01	.05	.03	.02	.01			.31
PUTNEYVILLE 2 SE	.02	.01												.04		.20	.07	.03	.05	.05	.04	.01			.52
RAYMOND		.10							.10																.20
READING WB CITY																			.02	.04					.06
RENOVO 6 S STATE CAMP		.13	.01				.01	.01		.01	.01		.02	.12	.03	.08	.01	.07	.07						.58

See reference notes following Station Index

PENNSYLVANIA

JUNE 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
RIDGWAY	.02												.01	.08	.01	.02	.08	.01	.08	.02	.08	.01			.42
ROCHESTER 1 N																.12	.01	.01	.06	.01					.21
SCANDIA	.37	.01	.01	.01						.07	.04	.01	.01			.03	.01								.57
SCRANTON WB CITY					.01	.07																			.08
SHADE GAP		.03	.10						.02							.06	.02	.01						.03	.27
SHEFFIELD 6 W CHERRY GROVE	.02								.01	.01	.01	.01			.01	.07	.01								.15
SMETHPORT HIGHWAY SHED	.02	.04																			.12				.18
STATE COLLEGE		.03														.04									.07
STRONGSTOWN	.23	.02																.15	.15		.07	.03	.05	.01	.65
SUNBURY			.08	.02													.10	.02	.01						.23
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.09							*	*	*	*	*	.15					.44
TAMAQUA 4 N STILL CREEK DAM					.01		.01			.01															.03
TIONESTA 2 SE DAM //								.10	.01	.01	.01	.01	.08	.07	.01		.03	.01	.06	.06	.01		.01	.01	.35
TITUSVILLE										.07	.01		.01			.01						.05			.21
TOWANDA																									.08
TUNNELTON //	.10	.01															.22	.13	.02	.03		.10	.01		.51
TYRONE 4 NE BALD EAGLE	.04	.02				.01	.01								.05				.05						.18
UNION CITY 1 W							.02	.08		.09	.11	.01	.04	.15									.07		.57
VANDERGRIFT 2 W													.05			.15	.01	.07	.02	.09					.29
WASHINGTON													.19			.10	.10	.01	.01		.09	.01			.31
WAYNESBURG 1 E														.15	.15	.03					.03	.05			.49
WEBSTER MILLS 3 SW																				.16					.33
WELLSBORO 2 E			.08	.04																					.12
WILLIAMSPORT 4 E WB AIRPORT 6			*	*	*	*	*.																		.16
WILLIAMSPORT		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.07					1.07
YORK 2 S FILTER PLANT																		.02	.01	*	.01		.01	.01	.06
YOUNGSVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
													9th												
ALLENS MILLS	.01	.02	.04	.02																	.06	.02			.17
ALLENTOWN WB AIRPORT						.01	.01																		.02
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIN	.01	.03					.01			.01						.01									.07
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.06																	.06
BLAKESLEE CORNERS									.01						.03										.04
BOSWELL	.05		.01	.02	.03		.03	.02																	.16
BROOKVILLE AIRPORT 6	*	.01	*	*	*	*	*	.20																	.21
BUCKSTOWN	.01	.01	.02				.05		.05	.02															.16
BUTLER SUBSTATION											.01			.01											.02
CANTON 1 NW												.04	.01	.01											.06
CARTER CAMP																				.01	.01				.02
CHAMBERSBURG	.03	.02																							.05
CHARLEROI												*	*	*	*	*	*	*	*	*					*
CLARION 3 SW			.01	.01	.01																				.03
COALPORT				.02																					.02
CONFLUENCE 1 SW	.03		.01	.13	.01																				.18
CONNELLSVILLE 4 N	.03	.01	.08																						.12
CRESSON 1 E SUMMIT									.04		.02							.01						.03	.10
CURWENSVILLE 6 NW AIRPORT 6	*	.04	*	*	*	*	*	.04																	.08
DRIFTWOOD		.01	.01	.01																					.03
DU BOIS 7 E		.01	.02																						.03
DUNLO	.01	.10	.04	.03		.01	.01	.03	.02		.01	.01		.01						*	*	*	*	*	*
ERIE AIRPORT 6x	*	.17																							.04
EVERETT	.01		.01	.02																					.17
FRANKLIN	.02	.06		.03	.06																				.04
GLENCOE	.02	.02																							.05
GOOD SPRINGS 1 NW			.01	.04																.07					.13
HARRISBURG 3 S WB AIRPORT			.05	.01																					.03
HAWLEY 1 S WALLEN DAM							.02								.01										.02
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLTWOOD						.02																			.02
HOME				.05																					.05
HUNTSDALE		.03																							.03
INDIANA 2 SE						.01			.01																.02
JAMESTOWN 2 NW	*	*	*	*	*	*	.15																		.19
JOHNSTOWN 2	.02	.08	.01			.01		.01																	.13
KANE 5 SE		.01																							.01
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANCASTER 2 NE FILTER PLANT				.01	.05	.05	.01																		.12
LAURELTON STATE VILLAGE				.06	.01		.01		.01									.08	.02						.19
LEBANON 3 SW				.07																					.07
LEWISTOWN	.01	.01																							.02
LOCK HAVEN 2	.01	.01	.04	.01	.04		.03		.01			.01				.02									.18
MARIENVILLE		.01	.04			.01															.01				.07
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.01																	.01
MEADVILLE 1 S		.01					.02																		.03
MEDIX RUN	.09	.03	.01	.01				.01			.01	.04						.04							.24
MILLERSBURG 2 E		.01	.02							.01		.01													.03
MONROE FURNACE	.01																								.03
MOUNT UNION 1 NW //	.03																								.03
MURRYSVILLE	.04																								.04
NEFFS MILLS 4 NE	.01		.01		.01																				.03
PHILADELPHIA WB CITY																			.01						.01
PHILLIPSBURG 7 E WB AIRPORT		.10	.10	.12	.12					.02	.02			.01											.49
PIKES CREEK	.01		.01	.01	.01			.01																	.05
PINE GROVE MILLS 1 S	.02											.04													.06
PITTSBURGH 7 SE WB AIRPORT //	.01						.01	.01																	.03
PITTSBURGH WB CITY							.01	.01																	.02
PUNXSUTAWNEY 2		.01	.01	.03	.05																				.10
PUTNEYVILLE 2 SE						.04																			.04
READING WB CITY					.01																				.01
RENOVO 6 S STATE CAMP			.10	.01	.09	.01					.01														.22
SHADE GAP	.02	.01																							.03
SHEFFIELD 6 W CHERRY GROVE	.01		.03	.01	.01		.04													.19					.29
SPRING GROVE			.05			.01		.01																	.07
STATE COLLEGE	.01	.01	.02	.11							.06	.05													.26
STRONGSTOWN				.02	.02	.01																			.05
STROUDSBURG						.04	.02	.01																	.09
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.07											.02						.07
TIONESTA 2 SE DAM //		.02	.18	.03	.03																				.26
TITUSVILLE	.01																								.01
TUNNELTON //	.02	.01																							.03
WASHINGTON		.02																							.02
WAYNESBURG 1 E			.03																						.03

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
WILLIAMSPORT								*	*	*	*	*	*	*	.16	.03									
YORK 2 S FILTER PLANT		.02	.02		.01																				.19
YOUNGSVILLE	*	2.00																							.05 2.00
												10th													
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BLAIN			.01		.01																				
CRESSON 1 E SUMMIT	.01					.01																			.02
DUNLO	*	*	*	*	*	*	*	*																	.02
HAWLEY 1 S WALLEN DAM				.01																					*
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.02
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MOUNT UNION 1 NW							.03		.03																.06
												11th													
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.35					.35
BLAIRSVILLE 6 ENE 6															*	*	*	*	*	.01					.01
BLAKESLEE CORNERS																			.04	.06					.10
CANTON 1 NW																	.14								.14
CHARLEROI																				*	*	*	*	*	*
CONFLUENCE 1 SW																			.42						.42
CONNELLSVILLE 4 N																		.09	.06	.01					.16
DINGMANS FERRY																					.04				.04
DUSHORE																		.03							.03
ERIE AIRPORT 6x															*	*	*	*	*	.01					.01
GLENCOE																			.04					.01	.05
HAWLEY 1 S WALLEN DAM																		.01	.15	.03					.19
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOME									.01	.01	.01								.02						.03
KANE 5 SE																									.02
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARIENVILLE												*	*	*	*	*	*	*	*	*	*	*	*	*	*
MOUNT POCONO 2 N WB AIRPORT //																			.27	.14	.02				.43
PARKERS LANDING 1 E																			.01						.01
PIKES CREEK																			.07						.07
RAYMOND							.01	.09	.01																.11
SCRANTON WB CITY														.20				.40	.07					.02	.69
SHADE GAP																				.02	.03		.01		.06
STROUDSBURG																			.22	.08					.30
WASHINGTON															.01	.01	.01		.07						.10
WIND GAP 3 SW																				.05	.04				.09
												12th													
ALBION																									
ALLENS MILLS																			.04	.01		.01			.06
ALLENTOWN WB AIRPORT																		.16	.20	.23	.03	.09	.04		.75
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02	.03	.06		.11
AVOCA WILKES-BARRE SCRANTON AP 6	*	.01																							
BETHLEHEM LEHIGH UNIV																					*	*	*	.18	.19
BLAIN																				*	*	*	*	*	*
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.08								.24	.15	.05	.47	.03			.12	.01	1.07
BLAKESLEE CORNERS															*	*	*	*	*	.82	*	*	*	.66	1.56
BOSWELL		.11	.01									.01									.11	.04	.01		.17
BROOKVILLE AIRPORT 6																	.07		.20		.38	.05			.82
BUCKSTOWN		.07													*	*	*	*	*	.60	*	*	*	.16	.76
BUTLER SUBSTATION																					.28	.02			.37
CANTON 1 NW																.10	.50	.24	.14	.12					1.10
CARTER CAMP																					.01	.01	.01	.05	.08
CHAMBERSBURG																				.10	.05	.05		.01	.21
CHARLEROI	*	*	*	*	*	*	*	*	*	*	*	*	.40	.60							.10	.02	.22	.03	1.37
CLARION 3 SW													*	*	*	*	*	*	*	.30					.30
COALPORT																	.28	.18	.17	.09	.11	.01			.84
COATESVILLE 1 SW																.12		.12	.10	.23	.10	.10			.77
CONFLUENCE 1 SW	.03		.04	.01	.01															.32	.08	.30	.10	.05	.85
CONNELLSVILLE 4 N			.04						.01		.01										.11	.16	.03		.39
CRESSON 1 E SUMMIT																					.26	.06			.38
CURWENSVILLE 6 NW AIRPORT 6																		.12	.10	.20	.30	.03			.75
DINGMANS FERRY															*	*	*	*	*	.54	*	*	*	.22	.76
DRIFTWOOD																							.18	.02	.20
DU BOIS 7 E																		.17	.26	.20	.05	.05	.01	.01	.75
DUNLO																	1.04	.16	.20	.10	.04	.04			1.58
DUSHORE															*	*	*	*	*	*	*	*	*	*	*
EMPORIUM																						.04	.01	.03	.08
ENGLISH CENTER																		.01	.10	.09	.05	.05	.02		.32
ERIE WB CITY																				.13	.03	.02	.02	.01	.21
ERIE AIRPORT 6x																			.04	.02		.02	.03	.01	.12
EVERETT			.04	.04					*	*	*	*							*	.06	*	*	*	*	.13
FORD CITY 4 S //																							.10	.01	.19
FRANKLIN																	.06	.14	.10	.20	.14	.01			.65
GETTYSBURG 1 S																.06	.01	.12	.10	.10	.10			.13	.62
GLENCOE	.01	.02												.02	.03		.01				.39	.05	.05	.07	.62
GLEN ROCK							.03		.01						.39	.01		.01	.01		.01	.14	.25	.05	.23
GOOD SPRINGS 1 NW		*																		.03	.27	.02		.08	.91
GREENSBURG 2 E HIGHWAY SHED		.09	.01												.23	.01	.30	.06	.21	.20	.30	.05	.01	.01	.40
HARRISBURG 3 S WB AIRPORT	.01	.01				.02												.07			.27	.44		.04	1.48
HAWLEY 1 S WALLEN DAM																									.82
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.04
HOLLIDAYSBURG					.04	.03	.02	.10	.23	.02				.05		.06							.01	.06	.44
HOLTWOOD								.02									.07	.05	.45	.13	.09	.03			.20
HOME																							.01	.04	.82
HONESDALE 6 N TANNERS FALLS //																				.18	.10	.06	.14	.01	.05
HUNTSDALE																.03	.12	.28	.28	.22	.12	.01		.01	.49
INDIANA 2 SE																					.04	.05	.01	.04	1.07
JACKSON SUMMIT																									.14
JAMESTOWN 2 NW														*	*	*	*	*	*	*	*	*	*	*	*
JOHNSTOWN 2	*	*	.12														.60	.02		.11	.36	.08	.01		1.30
KANE 5 SE																		.01	.03	.27	.03			.17	.51
KIRKWOOD 1 SW															.04							.10			.14
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANCASTER 2 NE FILTER PLANT																				.19	.01	.13	.58	.02	.93
LAURELTON STATE VILLAGE																			.01	.04	.02	.02	.06	.03	.18

See reference notes following Station Index

PENNSYLVANIA

JUNE 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LEBANON 3 SW																			.05	.05	.12	.08		.05	.35
LEHIGHTON																						.01	.05		.06
LEWISTOWN																	.16	.04	.10		.02	.13	.02	.01	.48
LOCK HAVEN 2																			.06	.06	.02	.02	.04	.01	.21
MARIENVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MARTINSBURG					.01	.01	.02	.01				.06	.03						.47		.20	.10	.05		.96
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.02	*	*	*	*	*	.13	*	*	*	*	*	.48	*	*	*	.33	.96
MEADVILLE 1 S																.04	.01	.01	.04	.10	.02	.02	.04	.04	.28
MEDIX RUN																.04	.01	.09	.60	.19	.05	.06			1.04
MERCER 5 NE WB AIRPORT 6x															*	*	*	*	*	.59	*	*	*	.13	.72
MERCER															.20	.03	.17	.08	.25	.05	.01		.07	.06	.92
MILAN														*	*	*	*	*	*	*	*	*	*	*	*
MILLERSBURG 2 E																				.23			.07	.06	.36
MILLVILLE																				.05			.10	.05	.20
MONROE FURNACE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.30	.01	.08	.05	.17	.10	.08	.01	.80
MONTROSE																*	*	*	*	*	*	*	*	*	*
MOUNT POCONO 2 N WB AIRPORT //			.01																			.22	.01		.24
MOUNT UNION 1 NW //																.08		.05	.75			.10	.05	.01	1.04
MURRYSVILLE		.05							.01	.04			.03	.01	.25	.79	.33	.29	.29	.25	.03			.02	2.39
NEFFS MILLS 4 NE																	.41		.10	.09	.09	.12	.04	.01	.86
NEW CASTLE 1 N														*	*	*	*	*	*	*	*	*	1.21		1.21
PALMERTON																				.01	.01	.04		.01	.07
PARKERS LANDING 1 E	.01			.01	.01		.01		.02	.02						.41	.24	.30	.20	.11	.08	.01			1.43
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.03	*	*	*	.18	.21
PHILADELPHIA WB AIRPORT																							.26	.01	.27
PHILADELPHIA POINT BREEZE																						.01			.01
PHILADELPHIA WB CITY																				.02	.02		.03	.16	.23
PHILLIPSBURG 7 E WB AIRPORT																.05	.20	.20	.25	.12	.10	.10	.05		1.07
PHOENIXVILLE 1 E PUMP STATION																				.10	.15	.30	.60	.27	1.42
PIKES CREEK				.01	.01	.01				.01	.01										.02			.12	.19
PINE GROVE MILLS 1 S																	.30		.09	.06	.10	.14	.05		.74
PITTSBURGH 7 SE WB AIRPORT //		.02										.02	.19	.33		.83	.29	.06	.34	.13	.10				2.31
PITTSBURGH WB CITY	.04	.05									.11			.19	.05	.27	.11	.19	.39	.26	.10				1.76
PLEASANT MOUNT 1 W																							.01	.04	.05
PORT CLINTON																				*	*	*	*	*	*
PUNXSUTAWNEY 2																.38	.67	.17	.48	.10	.06			.03	1.89
PUTNEYVILLE 2 SE																	.14	.26	.28	.10	.09	.02			.89
RAYMOND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
READING WB CITY																				.09	.14	.15	.04	.03	.45
RENOVO 6 S STATE CAMP																		.05	.15	.10	.02	.03	.03		.38
RIDGWAY														*	*	*	*	*	*	*	*	*	*	*	*
ROCHESTER 1 N														*	*	*	*	*	*	*	*	*	*	*	*
SCANDIA																				.06	.06	.03	.01	.03	.19
SCRANTON WB CITY																							.01	.03	.04
SELLERSVILLE 2 NW																				.30	.03	.10	.12	.02	.57
SHADE GAP	.01				.01			.01					.05						.16	.01			.16	.01	.42
SHEFFIELD 6 W CHERRY GROVE																			.01	.04	.28	.05		.20	.58
SPRING GROVE						.02	.02	.01						.40							.15	.12		.44	1.16
STATE COLLEGE																	.03	.04	.05	.06	.12	.07	.06		.43
STRONGSTOWN																		.07	.13	.27	.30	.14	.01		.92
STROUDSBURG																					.01			.18	.19
SUNBURY																				.16		.02	.09	.02	.29
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.02	*	*	*	.25	.27
TAMAQUA 4 N STILL CREEK DAM																				.02	.10			.07	.19
TIONESTA 2 SE DAM //																		.14	.10	.10	.07	.01	.03	.18	.63
TITUSVILLE																		.03	.13	.11	.02		.02	.14	.45
TOWANDA																							.02	.06	.08
TUNKHANNOCK 1 S																					.01	.03	.01	.05	.10
TUNNELTON //			.02								.14						.12	.08	.46	.09	.21	.01			1.13
TYRONE 4 NE BALD EAGLE	.01					.01	.01	.01							.03	.47	.01	.03	.04	.15	.10	.05			.92
UNION CITY 1 W																				.01	.02	.03			.06
VANDERGRIFT 2 W																.10	.09	.33	.11	.17	.09	.01			.90
WASHINGTON																.06		.31	.18	.30				.06	.91
WAYNESBURG 1 E																				.07	.26	.01	.01		.35
WEBSTER MILLS 3 SW												.59	.01	.01							.10	.05	.02		.78
WELLSBORO 2 E																			*	*	*	*	*	*	*
WILLIAMSPORT 4 E WB AIRPORT 6																					*	*	*	.23	.23
WILLIAMSPORT																				.04	.01			.06	.14
WIND GAP 3 SW																					.02	.01	.01	.01	.05
YORK 2 S FILTER PLANT														.28	.04			.01			.50	.16		.14	1.13
YOUNGSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													13th												
ALLENS MILLS		.01		.10																					.11
ALLENTOWN WB AIRPORT		.10				.02	.02		.02	.01															.17
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AVOCA WILKES-BARRE SCRANTON AP 6	*	.15	*	*	*	*	*	.09																	.24
BETHLEHEM LEHIGH UNIV	*	*	*	*	*	*	*	*	*	*	*	*	.43												.43
BLAIN			.01	.01	.03	.01	.01																		.07
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.32																	.32
BLAKESLEE CORNERS	.06	.03		.02																					.11
BOSWELL		.05	.01	.04	.01	.04																			.15
BROOKVILLE AIRPORT 6			*	*	*	*	*	.22																	.22
BUCKSTOWN	.07	.03				.13																			.23
BUTLER SUBSTATION	.01	.01	.07																						.09
CANTON 1 NW						.06	.04																		.10
CARTER CAMP	.03	.01	.11	.04																					.19
CHAMBERSBURG	.01	.01	.01					.02		.01		.01													.07
CLARION 3 SW	.02	.07	.15	.01																					.25
COALPORT			.03	.03	.06	.02																			.14
COATESVILLE 1 SW	.05	.07	.01	.01	.01																				.15
CONFLUENCE 1 SW	.02		.01	.02	.04	.25	.28																		.62
CONNELLSVILLE 4 N	.01	.03			.01	.07			.01																.15
CRESSON 1 E SUMMIT		.02	.02	.05	.11	.05			.01		.01														.27
CURWENSVILLE 6 NW AIRPORT 6	*	.01	*	*	*	*	*	.15																	.16
DINGMANS FERRY		.10	.10		.02	.01	.01	.02	.07	.01															.34
DRIFTWOOD	.01	.02	.05	.10			.01	.01	.01																.21
DU BOIS 7 E			.12	.01	.07																				.20
DUNLO	*	*	*	*	*	*	*	*	*	*	*	*	*	1.01											1.01
DUSHORE	.02	.02				.07	.01																		.12
EMPORIUM	.01	.04	.18																						.23
ENGLISH CENTER				.03	.04																				.07
ERIE AIRPORT 6x	*	.07																							.09
EVERETT			.04				.03	.02																	

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FORD CITY 4 S //	.03	.11	.01																						.15
FRANKLIN	.06	.02							.04	.01															.08
GETTYSBURG 1 S							.35	.05	.02																.05
GLENCOE																									
GLEN ROCK	.27	.01	.01	.01	.01				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.42
GOOD SPRINGS 1 NW	.02				.01	.02	.01	.01	.01			.01	.01												*
GREENSBURG 2 E HIGHWAY SHED		.03	.03	.01	.06																				.10
HARRISBURG 3 S WB AIRPORT	.01			.01					.01																.13
HAWLEY 1 S WALLEN DAM	.03	.14	.08	.09	.02	.03	.07	.07		.01	.01														.03
HEWITT 2 S	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.55
HOLTWOOD		.02				.01			.01	.01	.01														–
HUME		.05	*	*	*	*	*	*	.10																.06
HONESDALE 6 N TANNERS FALLS //	.09	.16	.03	.03	.01	.11	.08																		.15
HUNTSDALE								.01																	.51
INDIANA 2 SE	.01	.12	.13	.03	.05	.01	.01	.01																	.01
JACKSON SUMMIT	.05	.06	.05	.02																					.37
JAMESTOWN 2 NW	*	*	*	*	*	*	.39																		.18
JOHNSTOWN 2	.01	.01	.07	.02	.04	.06																			.39
KANE 5 SE	.14																								.21
LAMPETER SCS 1 A	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.14
LANCASTER 2 NE FILTER PLANT	.01	.19		.01	.04	.01	.01	.01	.01	.01															–
LAURELTON STATE VILLAGE	.01																								.30
LEBANON 3 SW	.05																								.01
LEHIGHTON		.07	.03		.01		.01			.01	.02														.05
LEWISTOWN			.01	.01																					.15
LOCK HAVEN 2		.01	.01	.01	.01	.01																			.02
MARIENVILLE	*	*	*	*	*	*	*	.62																	.05
MARTINSBURG																									.52
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.06												.03					.03
MEADVILLE 1 S	.04	.01		.01				.01	.01																.06
MEDIX RUN		.05	.09	.01	.05			.01	.02	.02									.04		.01				.09
MERCER 5 NE WB AIRPORT 6x			*	*	*	*	*	.34																	.29
MERCER	.22	.01																							.34
MILAN	*	*	*	*	*	*	*	.50																	.23
MILLERSBURG 2 E				.01	.03	.03																			.85
MILLVILLE		.01			.04	.01																			.07
MONROE FURNACE			.01	.02	.01		.01																		.06
MONTROSE	.07	.03		*	*	*	*	*	*	*	*	*	*	*											.05
MOUNT POCONO 2 N WB AIRPORT //	.07	.08			.03																				*
MOUNT UNION 1 NW //			.02	.02		.07																			.18
MURRYSVILLE	.01	.03	.02																						.11
NEFFS MILLS 4 NE				.04																					.06
NEW CASTLE 1 N	*	*	*	*	*	*	*	.08																	.04
PALMERTON	.08					.01			.02																.08
PARKERS LANDING 1 E			.11	.02																					.11
PARK PLACE 1 NW WB AIRPORT 6	*	.02	*	*	*	*	*	.06																	.13
PHILADELPHIA WB AIRPORT														.01											.08
PHILADELPHIA POINT BREEZE	.15																								.01
PHILADELPHIA WB CITY				.01		.01								.13											.15
PHILLIPSBURG 7 E WB AIRPORT			.02	.02	.01	.01	.01																		.15
PHOENIXVILLE 1 E PUMP STATION	.02	.08	.02																						.07
PIKES CREEK	.07	.13			.02	.06		.01				.01													.12
PINE GROVE MILLS 1 S				.01	.01	.01	.02																		.30
PITTSBURGH 7 SE WB AIRPORT //	.01		.01		.02																				.05
PITTSBURGH WB CITY	.01	.04																							.04
PLEASANT MOUNT 1 W	.10	.01			.05	.04	.04																		.05
PORT CLINTON	*	*	*	*	*	*	*	*	*	*	*	*	*	.45											.24
PUNXSUTAWNEY 2			.13	.01	.01	.04			.01																.45
PUTNEYVILLE 2 SE				.08	.01																				.20
RAYMOND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.09
READING WB CITY	.18	.01			.01			.01	.01																–
RENOVO 6 S STATE CAMP	.02	.02	.03	.03	.02																				.22
RIDGWAY	*	*	*	*	*	*	*	.58																	.12
ROCHESTER 1 N	*	*	*	*	*	*	*	.39																	.58
SCANDIA	.02	.01																							.39
SCRANTON WB CITY	.20	.21	.04	.01	.02	.02	.03																		.03
SELLERSVILLE 2 NW		.06																							.53
SHEFFIELD 6 W CHERRY GROVE								.03																	.06
SMETHPORT HIGHWAY SHED	.05	.16																							.03
SPRING GROVE				.02			.01	.02	.04	.01															.21
STATE COLLEGE						.02																			.10
STRONGSTOWN			.09	.20	.20	.08	.02																		.02
STROUDSBURG	.01			.01	.01	.02	.03		.02		.01														.59
SUNBURY					.03	.03	.01		.02																.11
SUNBURY AIRPORT 2 N 6	*	.02	*	*	*	*	*	.05																	.09
TAMAQUA 4 N STILL CREEK DAM	.03																								.07
TIONESTA 2 SE DAM //	.02																								.03
TUNKHANNOCK 1 S	.05	.07	.01																						.02
TUNNELTON //			.04	.07	.04																				.13
TYRONE 4 NE BALD EAGLE				.02	.01	.01	.01																		.15
VANDERGRIFT 2 W	.01	.13	.11	.01																					.05
WASHINGTON	.03	.01			.01			.01																	.26
WAYNESBURG 1 E				.02	.07	.02	.03	.01	.01	.02															.06
WEBSTER MILLS 3 SW	.05	.01	.01																						.18
WELLSBORO 2 E	*	*	*	*	*	*	*	.30																	.07
WILLIAMSPORT 4 E WB AIRPORT 6			*	*	*	*	*	.75																	.30
WILLIAMSPORT						.05	.02	.02																	.75
WIND GAP 3 SW		.03	.02	.01	.01	.01	.05																		.09
YORK 2 S FILTER PLANT				.02			.03	.03	.02																.13
YOUNGSVILLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.10
												14th													
AUSTINBURG 2 W	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BLAIN								.01	.01	.01	.01														.04
GLEN ROCK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HEWITT 2 S	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
JAMESTOWN 2 NW																								.01	.01
LAMPETER SCS 1 A	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PHILADELPHIA WB AIRPORT						.01																			.01
												15th													
ALLENTOWN WB AIRPORT			.02	.27	.06																				.35
AUSTINBURG 2 W	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.06																	.06
BETHLEHEM LEHIGH UNIV			.01	.17	.05	.01																			.24
BLAKESLEE CORNERS				.01	.01																				.02
BROOKVILLE AIRPORT 6			*	*	*	*	*	.01																	.01
COATESVILLE 1 SW					.08	.20	.02																	.03	.30
CONFLUENCE 1 SW																						.03			.03
DINGMANS FERRY																				.02		.01			.03
GLENCOE																									.03
GLEN ROCK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.25
GOOD SPRINGS 1 NW			.18	.03	.01	.02	.01																		.12
HARRISBURG 3 S WB AIRPORT			.11	.01																					-
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.50	.08						.61
HOLTWOOD						.03																			.01
HUNTSDALE			.01																						.09
JAMESTOWN 2 NW	.08		.01																						-
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.14
LEBANON 3 SW				.12				.01	.01																.13
LEHIGHTON				.13																					.02
MEADVILLE 1 S	.02																								.02
MERCER 5 NE WB AIRPORT 6x			*	*	*	*	*	.02																	.43
MONTROSE	*	*	*	*	*	*	*	.33																	.17
MOUNT POCONO 2 N WB AIRPORT //				.01	.02												.13	.01							.01
NEW CASTLE 1 N																							.01		.01
PALMERTON				.16	.03																				.19
PARK PLACE 1 NW WB AIRPORT 6				*	*	*	*	.08																	.08
PHILADELPHIA WB AIRPORT			*			.06	.04	.10																	.20
PHILADELPHIA POINT BREEZE						.01	.02	.04	.06																.13
PHILADELPHIA WB CITY					.02	.03	.04	.08																	.17
PHOENIXVILLE 1 E PUMP STATION					.23	.28	.01										.08								.60
PIKES CREEK		.01	.02																						.03
PLEASANT MOUNT 1 W					.03	.02																			.05
PORT CLINTON			.20	.18	.01																				.39
READING WB CITY			.05	.05	.04								.02												.14
SCRANTON WB CITY				.02																					.04
SELLERSVILLE 2 NW				.02	.02	.02	.02	.01	.01																.10
SPRING GROVE					.10													.01							.01
STROUDSBURG															.06										.16
SUNBURY	.05	.04	.01																						.10
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.17																	.17
TAMAQUA 4 N STILL CREEK DAM			.10	.06	.02				.01																.19
TUNKHANNOCK 1 S				.02																					.02
WILLIAMSPORT 4 E WB AIRPORT 6		.05						.01																	.06
WILLIAMSPORT		.14			.01	.02	.02	.03																	.22
WIND GAP 3 SW					.15																				.15
YORK 2 S FILTER PLANT				.02	.01	.01	.01																		.17
												16th													
ALLENTOWN WB AIRPORT									.01	.03	.01														.05
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BETHLEHEM LEHIGH UNIV									.01	.03	.05														.09
BLAIN			.01	.01	.01	.01	.01	.01	.03	.05															.14
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.10																	.10
BOSWELL			.02	.12	.09	.09	.02	.02	.01																.37
BUCKSTOWN				.21	.10	.09	.06	.04																	.50
CHAMBERSBURG				.01	.01	.01		.01	.04	.05															.13
CHARLEROI	.10	.03	.07	.06	.05	.01	.02	.02	.01																.37
COATESVILLE 1 SW								.18	.10	.03	.07	.02	.02	.01											.43
CONFLUENCE 1 SW	.18	.29	.24	.20	.07	.09	.06	.02	.01	.01	.01														1.18
CONNELLSVILLE 4 N		.02	.15	.02	.07	.02	.02																		.30
CRESSON 1 E SUMMIT				.01		.07	.05			.01				.01											.15
DUNLO			.02	.05	.05	.05	.03	.03	.01	.01	.01	.01													.27
GETTYSBURG 1 S					.05	.05			.03	.07	.01	.03			.01										.25
GLENCOE	.02	.02	.08	.14	.06	.05	.09	.03	.07	.01															.57
GLEN ROCK		*	*	*	*	*	*	*	*	*	*	*	*	.40											.71
GOOD SPRINGS 1 NW									.01																.01
GREENSBURG 2 E HIGHWAY SHED				.03	.06	.01					.01														.11
HARRISBURG 3 S WB AIRPORT							.03	.02	.04	.06	.02	.01													.18
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG					.05	.03	.06	.04																	.18
HOLTWOOD						.01	.01	.13	.17	.01	.02	.05	.04	.02											.46
HUNTSDALE						.05	.04	.01	.10	.03	.01														.24
JOHNSTOWN 2				.01	.02	.07	.06			.01															.17
KIRKWOOD 1 SW								.05	.20	.09	.03	.06	.03	.03											.49
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANCASTER 2 NE FILTER PLANT							.08	.08	.02	.05	.05														.28
LEBANON 3 SW							.04	.04	.06	.06	.04														.24
MARTINSBURG						.01	.05	.05	.01	.01															.13
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.11	*	*	*	*	*	.09											.20
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT UNION 1 NW						.01	.03	.01																	.05
MURRYSVILLE		.01	.02	.03	.04						.01	.01													.12
PHILADELPHIA WB AIRPORT								.10	.22	.08	.03	.02	.05	.04	.03	.01	.01								.59
PHILADELPHIA POINT BREEZE									.02	.12	.06	.03	.04	.04	.03	.04		.01							.39
PHILADELPHIA WB CITY								.04	.27	.05	.03	.02	.04	.04	.02	.01									.52
PHOENIXVILLE 1 E PUMP STATION								.01	.03	.05	.03	.02	.04												.18
PITTSBURGH 7 SE WB AIRPORT //			.01	.02	.05	.03	.01																		.12
PITTSBURGH WB CITY		.01	.01	.01	.02	.01	.01																		.07
PORT CLINTON								.01	.07	.03															.11
READING WB CITY								.09	.07	.04	.05	.02	.01												.28
SELLERSVILLE 2 NW										.03	.04	.01	.01												.09
SHADE GAP			.01	.01	.01	.04	.03	.03	.04	.01															.18
SPRING GROVE						.03	.10	.07	.04	.01	.10	.04	.02			.02									.43
STRONGSTOWN				.01	.01	.02																			.04
TUNNELTON //					.05	.03	.01																		.09
WASHINGTON	.22	.03	.02	.04	.02	.04																			.37
WAYNESBURG 1 E		.15	.13	.03	.07	.01	.01		.03	.01	.02														.46
WEBSTER MILLS 3 SW				.07	.03	.02	.02		.02	.02															.18
YORK 2 S FILTER PLANT				.01			.10	.06	.04	.06	.05	.04	.01												.37
												17th													
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COATESVILLE 1 SW								.01	.01	.01															.03
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
18th																									
ALBION																									
ALLENS MILLS																						.12	.11	.01	.24
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			.14	.14
BLAIRSVILLE 6 ENE 6																					*	*	*	.07	.07
BOSWELL																							.03		.03
BROOKVILLE AIRPORT 6																					*	*	*	.40	.40
BUCKSTOWN																								.21	.21
BUTLER SUBSTATION																							.65	.04	.69
CARTER CAMP																								.10	.10
CLARION 3 SW																								.49	.49
COALPORT																								.08	.08
CONFLUENCE 1 SW																	.02	.01							.03
CONNELLSVILLE 4 N																							.10		.10
CRESSON 1 E SUMMIT																								.15	.15
DRIFTWOOD																							.07	1.20	1.27
DUNLO																							.01	.12	.13
EMPORIUM																								.18	.18
ENGLISH CENTER																								.17	.17
ERIE WB CITY																						.02	.06	.01	.09
ERIE AIRPORT 6x																					*	*	*	*	.10
FORD CITY 4 S //																							.06	.10	.16
FRANKLIN																						.14	.64	.07	.85
GREENSBURG 2 E HIGHWAY SHED																						.07	.03		.10
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG																								.18	.18
HOLTWOOD												.01													.01
HOME																								.95	.95
INDIANA 2 SE																								.03	.03
JAMESTOWN 2 NW								.03	*	*	*	*	*	*	*	*	*	*	*	*	*	.76	.01	.20	1.00
JOHNSTOWN 2																								.06	.06
KANE 5 SE																							.22	.09	.31
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCK HAVEN 2																								.05	.05
MARIENVILLE																							.10	.73	.83
MARTINSBURG																								.03	.03
MARTINSBURG BLAIR CO AIRPORT 6																					*	*	*	.01	.01
MEADVILLE 1 S																						.13	.08	.12	.33
MEDIX RUN																								.18	.18
MERCER 5 NE WB AIRPORT 6x																					*	*	*	.06	.06
MERCER																				*	*	*	*	*	*
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT UNION 1 NW																								.60	.60
MURRYSVILLE																					.01	.04		.01	.06
NEW CASTLE 1 N																								.10	.10
PARKERS LANDING 1 E																							.03	.47	.50
PHILADELPHIA WB AIRPORT														.01					.07						.08
PHILADELPHIA POINT BREEZE													.01								.04				.05
PHILADELPHIA WB CITY												.02							.02	.01					.05
PITTSBURGH 7 SE WB AIRPORT //								.01															.04		.05
PITTSBURGH WB CITY																							.02		.02
PUNXSUTAWNEY 2																								.28	.28
PUTNEYVILLE 2 SE																						.03	.01	.40	.44
RIDGWAY																							.03	.50	.53
ROCHESTER 1 N																								.29	.29
SCANDIA																							.02	.13	.15
SHEFFIELD 6 W CHERRY GROVE																							.05	.15	.20
STRONGSTOWN																								.01	.01
STROUDSBURG																								.23	.23
TIONESTA 2 SE DAM //																							.90	.06	.96
TITUSVILLE																							.18	.03	.21
TUNNELTON //																							.01	.13	.14
TYRONE 4 NE BALD EAGLE																							.02	.02	.04
UNION CITY 1 W																							.09	.11	.20
VANDERGRIFT 2 W																							.43	.15	.58
WAYNESBURG 1 E																.03									.03
YOUNGSVILLE																							.12	.08	.20
19th																									
ALBION																									
ALLENS MILLS	.45	.03	.30	.10										.03	.07				.37	.03					.40
ALLENTOWN WB AIRPORT	.01	.01	.25	.44		.02	.03									.01	.01			.26	.02	.01	.23		1.50
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	1.02													.01	.02	.12	.05	.98
BETHLEHEM LEHIGH UNIV		.02	.15	.96	.15	.02	.03																	.32	1.34
BLAIN	.04	.38	.40	.40	.30	.03	.07	.10								.03	.03		.04	.02	.02	.11	.01		1.98
BLAIRSVILLE 6 ENE 6	*	.03	*	*	*	*	*	1.04	*	*	*	*	*	.15	*	*	*	*	*	.42					1.64
BLAKESLEE CORNERS			.40	.12			.01				.01						.01			.01	.44	.30	.37	.03	1.70
BOSWELL		*	*	*	*	.03				.04			.01	.64		.03	.18	.20		.40	.02		.01		1.56
BROOKVILLE AIRPORT 6			*	*	*	*	*	.40	*	*	*	*	*	.20	*	*	*	*	*	.80	*	*	*	.08	1.48
BUCKSTOWN			.19	.33	.07			.01	.01	.02	.06			.11		.40	.10	.29	.01		.14				1.74
BUTLER SUBSTATION	.01	.74	.04				.01	.01				.09	.13	.06	.02		.10	.25	.02	.01	.01	.01			1.51
CANTON 1 NW	.29	.31	.04																						.64
CARTER CAMP	.58																								.58
CHAMBERSBURG					.60	.20						.25	.01			.02	.01	.06	.02			.08	.05		1.30
CHARLEROI									.01		.01	.15			.70	.25	.55	.05	.03	.69					2.44
CLARION 3 SW		.16	.13													.05	.01	.01	.01		.29	.10			.76
COALPORT	.97	.26	.36	.08	.04									.01	.03	.02		.25	.20	.01			.18		2.41
COATESVILLE 1 SW				.50	.06	.53	.15	.02	.10								.09		.14	.01		.05			1.56
CONFLUENCE 1 SW																			.17			.52	.02		.80
CONNELLSVILLE 4 N												.02				.98	.10	.23			.38				1.71
CRESSON 1 E SUMMIT	.55	.60	.25	.35	.20	.15	.25	.20					.01	.04	.30	.05	.20	.10		.01		.01			3.27
CURWENSVILLE 6 NW AIRPORT 6	*	.47	*	*	*	*	*	.39	*	*	*	*	*	.01	*	*	*	*	*	.35	*	*	*	.23	1.45
DINGMANS FERRY				.02	.22	.20				.01		.01	.01	.01								.01	.20	.29	.98
DRIFTWOOD	.05	.05	.01		.01	.01	.01	.01												.16	.04	.10	.05		.50
DU BOIS 7 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DUNLO	*	*	*	*	1.07	.03					.08	.50	.30		.58	.02	.09	.01	.20		.07	.05			3.00
DUSHORE			.52	.10																		.08	.02	.03	.75
EMPORIUM	.10																			.03	.04	.04	.01		.22
ENGLISH CENTER	.38	.01								.01											.07	.03			.50
ERIE WB CITY																				.32	.04				.36

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ERIE AIRPORT 6x	*	.10		.10	1.10	.03	.01	.01	.01		.03				.91		.18	.12	.10		*	*	*	*	.37
EVERETT				.20									.01	.29	.04		.02	.06	.07		.10	.12			2.82
FORD CITY 4 S //	.32	.09	.78												.03						.08				1.88
FRANKLIN	.07	.05	.01																						.24
GETTYSBURG 1 S					.30	.20	.07	.01					.12				.16		.17		.01	.01	.05		1.10
GLENCOE																.70	.30	.05	.15		.30	.15			1.65
GLEN ROCK																	.01	.31	.07	.03	.01				.43
GOOD SPRINGS 1 NW		.01	.58	.10	.10	.12	.04	.01	.01	.01						.17		.02	.01	.07	.05		.01	.01	1.32
GREENSBURG 2 E HIGHWAY SHED				.10						.03			1.07		.05	.05	.12	.02	.16	.20					1.80
HARRISBURG 3 S WB AIRPORT			.87	.04	.22	.08		.06							.06				.01	.05	.01	.01	.04	.01	1.46
HAWLEY 1 S WALLEN DAM			.06	.34	.17	.01	.01	.01														.04	.10	.06	.80
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG	.45	.55	.35	.30		.45	.01	.02	.01	.01				.01	.11	.18		.14	.01		.11				2.71
HOLTWOOD					.60	.32	.38	.19	.01									.05	.02	.01	.08				1.66
HOME	.10	.11	.52	.08									.02	.19	.02	.01	.01	.06	.20						1.32
HONESDALE 6 N TANNERS FALLS //			.86	.29																		.07	.04	.08	1.34
HUNTSDALE			.75	.25	.60	.03	.03		.01		.01	.01	.01	.25			.01	.09	.05						2.10
INDIANA 2 SE	.20	1.88	.07	.45	.20	.02		.01			.01			.02	.25	.63	.03	.16	.06	.06	.03		.01		4.09
JACKSON SUMMIT	.18	.10																							.28
JAMESTOWN 2 NW								.01	.01										.03	.22					.27
JOHNSTOWN 2			.05	.77	.06						.10	.25	.01	.54	.26	.04	.01	.17	.03		.01				2.30
KANE 5 SE	.01								.01						.01					.01	.06	.01			.11
KIRKWOOD 1 SW				.20	.13	.62	.20		.01									.08		.10				.14	1.48
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANCASTER 2 NE FILTER PLANT				.40	.70	.48	.02	.04	.01		.01								.04	.05					1.75
LAURELTON STATE VILLAGE	.01	.40	.03	.24	.03	.02	.03	.05		.01	.02		.01		.01		.02	.01		.14	.01		.27	.04	1.35
LEBANON 3 SW			1.06	.08	.24	.10														.03		.04	.03		1.58
LEHIGHTON			.82	.20		.01	.03													.04	.05	.03	.03		1.21
LEWISTOWN	.40	.15	.15	.15											.04	.10	.01	.10	.05				.02	.03	1.20
LOCK HAVEN	.52	.01	.01	.08											.10					.05	.13	.12	.10	.01	1.13
MARIENVILLE	.06	.03	.01				.01				.01					.05			.13	.05	.02	.05			.42
MARTINSBURG	.01	1.08	.22	.50	.09	.01	.09	.01			.03	.03	.12	.02	.25	.05	.05	.03	.10						2.69
MARTINSBURG BLAIR CO AIRPORT 6	*	.02	*	*	*	*	*	1.96	*	*	*	*	*	.25	*	*	*	*	*	.56	*	*	*	.02	2.81
MEADVILLE 1 S		.03					.01												.02	.11					.17
MEDIX RUN	.52	.03		.04							.01									.05	.50	.25	.10		1.50
MERCER 5 NE WB AIRPORT 6x				*	*	*	*	.97								*	*	*	*	.03	*	*	*	.38	1.38
MERCER	*	.33	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.18					.51
MILAN	*	*	*	*	*	*	*	.40																	.40
MILLERSBURG 2 E		.20	.30	.10	.20	.10				.01	.01			.01	.02	.01	.08	.01	.01	.04				.03	1.13
MILLVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MONROE FURNACE		.59	.10	.22	.11					.01	.03					.02	.01	.02	.40	.25	.05			.05	1.86
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT POCONO 2 N WB AIRPORT //			.18	.45	.01													.01			.21	.33	.18	.09	1.46
MOUNT UNION 1 NW //	.68	.12	.52	.02	.09	.13							.06		.06	.02	.10	.03	.01	.06	.02				2.08
MURRYSVILLE			.03	.01						.08	.02	.02	.43	.10		.09	.06	.04							.88
NEFFS MILLS 4 NE	.59	.32	.09	.20	.08	.01								.01	.02	.03		.08	.14	.14				.05	1.76
NEW CASTLE 1 N		.02	.08									.21	.04	.18	.10		.01		.01		.12				.77
PALMERTON			.12	.60	.02		.01														.05	.03	.02	.08	.93
PARKERS LANDING 1 E		.09	.10			.01					.04		.25	.02			.01		.01		.07				.60
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.68													*	*	*	.12	.80
PHILADELPHIA WB AIRPORT					.42	.63	.15	.04									.01				.02			.05	1.32
PHILADELPHIA POINT BREEZE						.50	.08	.34	.05													.06			1.03
PHILADELPHIA WB CITY					.45	.11	.29	.02													.06		.03		.96
PHILLIPSBURG 7 E WB AIRPORT	.57	.15	.10	.05	.05											.10	.30	.21	.20				.20	.16	2.09
PHOENIXVILLE 1 E PUMP STATION				.02	.54	.20	.20	.07	.01								.01	.01			.25			.01	1.32
PIKES CREEK	.10	.55	.08																	.01	.14	.09	.05		1.02
PINE GROVE MILLS 1 S	.49	.02	.40	.10		.01				.01					.03	.03		.01	.65	.20	.07		.08	.13	2.23
PITTSBURGH 7 SE WB AIRPORT //				.02						.01	.01		.01	.04	.15	.03	.16	.04	.06	.15					.68
PITTSBURGH WB CITY				.01						.02	.01	.03	.46		.02	.01	.14	.01	.03	.02					.76
PLEASANT MOUNT 1 W		.40	.35	.12																			.01	.01	.89
PORT CLINTON			.12	.60		.12	.06														.06	.03	.01		1.08
PUNXSUTAWNEY 2	.05	.08	.17	.03		.01					.01		.10				.02	.01	.09				.68	.08	1.25
PUTNEYVILLE 2 SE	.02	.04	.23	.01									.18	.01		.01			.16				.14		.80
RAYMOND					.01	.02	.02																		-
READING WB CITY			.03	.82	.08	.16	.07						.01			.14	.04				.02	.02		.03	.01	1.42
RENOVO 6 S STATE CAMP	.45	.03	.01	.02	.01				.01	.01			.01				.07				.02	.17	.03		1.25
RIDGWAY	.03	.07		.01				.01			.01		.01			.02			.20	.23	.17	.03			.44
ROCHESTER 1 N	.01		.22	.02						.06	.08	.40	.18	.14	.06			.30			.20	.02	.06		1.77
SCANDIA																					.29	.01			.10
SCRANTON WB CITY		.04	1.08	.30																	.08	.02			.10
SELLERSVILLE 2 NW				.52	.21	.03	.17	.01	.01		.01		.01		.01						.07	.18	.09	.02	1.78
SHADE GAP	.02		*	*	*	1.93							.20	.10	.01			.16	.08	.08		.04	.01		1.52
SHEFFIELD 6 W CHERRY GROVE	.02		.04																		.37	.18			2.63
SMETHPORT HIGHWAY SHED	*	*	.23																		.21	.04	.03		.30
SPRING GROVE				.37	.08	.32	.01	.01																	.23
STATE COLLEGE	.11	.32	.04	.26	.11												.03		.08	.01			.01	.01	.93
STRONGSTOWN	1.11	1.25	.28	.41	.16	.05											.02		.20	.12					1.38
STROUDSBURG	.42	.01	.01	.01			.01		.01					.01	.16	.14	.10	.37	.03	.02	.02				4.11
SUNBURY	*	*	.80	.05	.15		.02		.01	.01	.01						.23	.30	.40		.03	.04			1.47
SUNBURY AIRPORT 2 N 6	*	.02	*	*	*	*	*	.96								.02			.05	.13	.07			.37	1.69
TAMAQUA 4 N STILL CREEK DAM			.67	.17		.05		.01				.01							*	*	*	*	*	.52	1.57
TIONESTA 2 SE DAM //	.04	.01	.03													.01				.04	.06			.03	1.03
TITUSVILLE	.03		.05						.01	.01						.01	.08	.01			.29				.47
TOWANDA	.01	.11	.16	.04																.02	.39				.59
TUNKHANNOCK 1 S				.20	.57	.03						.01	.01	.60		.01	.34	.09	.03	.01		.05	.10	.13	.02	1.11
TUNNELTON //	.01		.05	.40					.01				.01	.01	.02	.01		.21	.20	.07				.16		1.50
TYRONE 4 NE BALD EAGLE	.88	.19	.34	.11	.02																.02				2.20
UNION CITY 1 W													.14	.06		.10	.24	.16	.10						0
VANDERGRIFT 2 W	.08		.31	.01								.17	.01		.88	.05	.47			.06					1.21
WASHINGTON																		.24	.01	.01	.01	.01			1.71
WAYNESBURG 1 E															.94	.01	.17	.03	.01		.27	.07			.27
WEBSTER MILLS 3 SW																									1.55
WELLSBORO 2 E	.14	.18																			*	*	*	.46	.33
WILLIAMSPORT 4 E WB AIRPORT 6	*	.16	*	*	*	*	*	.78													.10	.25	.03	.03	1.41
WILLIAMSPORT		1.18	.04				.01															.05	.04	.06	1.66
WIND GAP 3 SW			.03	.58	.10																		.02	.05	.80
YORK 2 S FILTER PLANT				.96	.26	.58	.01	.01				.01		.02	.03	.02	.02		.10						2.01
YOUNGSVILLE	.01				.28	.01	.26	.01										.01	.02	.05	.28	.40			1.31
													20th												
ALLENS MILLS		.02						.01																	.03
ALLENTOWN WB AIRPORT	.02	.04	.07																						.13
AUSTINBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BETHLEHEM LEHIGH UNIV	.01	.03	.06	.01																					.11

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA
JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BOSWELL				.02																					
BUCKSTOWN						.01		.01	.01		.01														.02
CARTER CAMP						.01	.01	.01																	.04
CHARLEROI																									.03
CONNELLSVILLE 4 N								.01			.01		.01		.01	.02					.01		.01	.01	.03
DINGMANS FERRY	.13	.04																							.06
DU BOIS 7 E	*	1.53																							.17
DUNLO				.01				.01		.01		.02	.01												1.53
DUSHORE	.01																								.06
ERIE AIRPORT 6x	*	.37																							.01
FRANKLIN								.01	.01	.01	.01														
GLEN ROCK					.04	.01		.11	.01		.01	.01	.03	.01	.01				.01	.01	.01	.01	.01		.04
GOOD SPRINGS 1 NW	.66	.06	.01																						.29
HAWLEY 1 S WALLEN DAM	.04	.01	.01																						.73
HEWITT 2 S	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.06
HOLTWOOD	.02	.19																							–
HONESDALE 6 N TANNERS FALLS //	.01	.01																							.21
JAMESTOWN 2 NW							.01	.01																	.02
KANE 5 SE								.01		.01															.02
KIRKWOOD 1 SW	.10	.02																							.02
LAMPETER SCS 1 A	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.12
LAURELTON STATE VILLAGE	.01	.01							.02																–
LEHIGHTON	.06	.06	.01	.01																					.04
LEWISTOWN	.01																								.14
LOCK HAVEN 2							.01	.01	.01																.01
MARIENVILLE			.01				.01			.01	.01														.03
MERCER	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.04
MILLERSBURG 2 E	.17																								–
MILLVILLE	*	*	*	*	*	*	*	1.48																	.17
MONTROSE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1.48
MOUNT UNION 1 NW //								.01	.01				.05												–
PALMERTON		.06	.03																						.07
PARKERS LANDING 1 E			.01						.01																.09
PARK PLACE 1 NW WB AIRPORT 6	*	.22	*	*	*	*	*	.02																	.02
PHILADELPHIA WB AIRPORT	.01	.05		.01	.01																				.24
PHILADELPHIA POINT BREEZE	.04	.01	.10			.01																			.08
PHILADELPHIA WB CITY	.02	.11	.04	.02	.02																				.16
PHOENIXVILLE 1 E PUMP STATION	.01	.01	.12	.30																					.21
PINE GROVE MILLS 1 S									.01	.01				.03											.44
PORT CLINTON	.20	.48	.02																						.05
PUNXSUTAWNEY 2									.01	.01															.70
RAYMOND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.02
READING WB CITY			.02																						–
RENOVO 6 S STATE CAMP								.01	.01																.02
SCRANTON WB CITY	.01																								.02
SELLERSVILLE 2 NW	.01		.58	.01										.01	.06										.01
SPRING GROVE	.01																								.67
STROUDSBURG	.01			.01	.01																				.01
SUNBURY	.02	.01																							.03
SUNBURY AIRPORT 2 N 6	*	.03	*	*	*	*	*	.03																	.03
TAMAQUA 4 N STILL CREEK DAM	.09	.02	.01																						.06
WIND GAP 3 SW		.08	.02																						.12
YORK 2 S FILTER PLANT	.01																								.10
																									.01
											21st														
AUSTINBURG 2 W	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BLAIN									.01	.01															.02
CLARION 3 SW																.01									.01
EVERETT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FRANKLIN										.02	.02														.04
HEWITT 2 S	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
LAMPETER SCS 1 A	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MARTINSBURG																				.03					.03
MARTINSBURG BLAIR CO AIRPORT 6																					*	*	*	.02	.02
MERCER	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MONTROSE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SHADE GAP																				.01			.01		.02
TITUSVILLE																					.01		.01		.02
											22d														
ALBION	*	*	*	*	*	*	*	*	*	*	.32		.06	.01									.06	.08	.53
ALLENS MILLS				.07	.03	.06	.04																		.20
ALLENTOWN WB AIRPORT								.10			.01	.02	.08	.03	.01										.25
AUSTINBURG 2 W				.13	.01	.03	.03			.01		.01	.02	.02											.26
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.33	*	*	*	*	*	.08	*	*	*	*	*	.05					.46
BETHLEHEM LEHIGH UNIV							.02	.08	.01			.01	.04	.06	.01										.23
BLAIN														.05	.01	.04									.10
BLAIRSVILLE 6 ENE 6															*	*	*	*	*	.08					.08
BLAKESLEE CORNERS							.03	.04		.02	.08		.01		.01	.03									.22
BOSWELL																		.02	.06						.08
BROOKVILLE AIRPORT 6x			*	*	*	*	*	.12	*	*	*	*	*	.03	*	*	*	*	*	.15					.30
BUTLER SUBSTATION							.02	.10						.01			.01	.05	.01		.01			.21
CANTON 1 NW				.10	.11	.05	.03	.02	.01				.04												.36
CARTER CAMP						.01	.01			.01															.03
CHARLEROI																.05	.06								.11
CLARION 3 SW			.07	.06		.05	.03	.01											.04	.03					.29
COALPORT									.02			.01	.03							.18					.24
CONFLUENCE 1 SW				.01											.01			.03							.05
CONNELLSVILLE 4 N	.01		.01	.01	.01	.01	.01							.01			.08								.15
CRESSON 1 E SUMMIT																			.05	.01					.06
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.11	*	*	*	*	*	.08											.19
DINGMANS FERRY								.03	.11	.02	.07	.02	.01	.03	.02	.04									.35
DRIFTWOOD					.05	.07	.04																		.16
DU BOIS 7 E		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DUNLO														.02					.02						.04
DUSHORE					.04	.30	.10	.08	.02						.04	.03									.61
EMPORIUM						.10	.02																		.12
ENGLISH CENTER						.04	.02	.01	.01																.08
ERIE WB CITY		.01	.02				.01		.06	.01	.14													.02	.27
ERIE AIRPORT 6x			*	*	*	*	*	.07	*	*	*	*	*	.18							*	*	*	*	.40
EVERETT																		*	.03						.03
FORD CITY 4 S //								.07																	.07
FRANKLIN		.10	.12	.20																					.42

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GLENCOE														.02	.08	.50	.18	.09	.01	.02					.90
GOOD SPRINGS 1 NW						.03	.05	.01			.01	.03													.13
GREENSBURG 2 E HIGHWAY SHED																	.93								.93
HARRISBURG 3 S WB AIRPORT												.07			.02										.09
HAWLEY 1 S WALLEN DAM							.02	.04	.07	.04	.03	.02		.02	.01	.04	.03		.01			.01			.34
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG																			20	.07					.27
HOME									.03		.02								.09						.14
HONESDALE 6 N TANNERS FALLS //							.07	.06	.07	.03	.04	.02	.01	.05	.02	.03									.40
INDIANA 2 SE																		.10	.09	.01					.20
JACKSON SUMMIT			.01	.17	.09	.05	.04	.01				.01	.01	.03											.42
JAMESTOWN 2 NW	.09	.35	.30	.05		.05																			.84
JOHNSTOWN 2									.01	.01	.01		.01	.05					.02						.11
KANE 5 SE				.04	.06	.06							.01	.01	.01	.01									.20
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANCASTER 2 NE FILTER PLANT													.01	.01											.02
LEBANON 3 SW							.02	.01				.07		.01	.04	.02	.01								.18
LEHIGHTON							.05	.23	.02	.01	.01	.02	.01	.01	.01								.01	.01	.39
LEWISTOWN										.04	.04	.01	.02	.10											.21
LOCK HAVEN 2							.04			.01	.01														.06
MARIENVILLE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MARTINSBURG																				.03					.03
MARTINSBURG BLAIR CO AIRPORT 6															*	*	*	*	*	.06	*	*	*	.03	.09
MEADVILLE 1 S	.04	.10	.28	.21	.01		.02																	.01	.67
MEDIX RUN					.05	.05	.05																		.15
MERCER 5 NE WB AIRPORT 6x			*	*	*	*	*	.30							*	*	*	*	*	.12					.42
MERCER			.11	.06		.01		.01	.01								.03								.23
MILAN	.05	.03	.12	.10	.02	.03		.01	.01	.03															.40
MILLERSBURG 2 E													.04	.12	.08	.02									.26
MILLVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MONROE FURNACE										.07	.01		.14												.22
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT POCONO 2 N WB AIRPORT //						.03	.12	.07	.02	.02	.01		.01		.03	.01	.01								.33
MURRYSVILLE																	.68	.01							.69
NEFFS MILLS 4 NE										.06	.01		.06	.01											.14
NEW CASTLE 1 N							.03				.01						.01	.07					.01		.13
PALMERTON							.02	.24		.01	.03	.01		.01											.32
PARKERS LANDING 1 E				.08		.01	.01	.02											.13						.25
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.36	*	*	*	*	*	.22	*	*	*	*	*	.02					.60
PHILADELPHIA POINT BREEZE															.03										.03
PHILADELPHIA WB CITY														.03											.03
PHILLIPSBURG 7 E WB AIRPORT					.01					.05	.05	.05	.06	.06											.28
PHOENIXVILLE 1 E PUMP STATION													.01	.01										.11	.13
PIKES CREEK			.01	.04		.02	.10		.01					.02											.20
PINE GROVE MILLS 1 S										.15	.02		.08	.04											.29
PITTSBURGH 7 SE WB AIRPORT //																	.93								.03
PITTSBURGH WB CITY																.08									.08
PLEASANT MOUNT 1 W						.02	.08	.05	.06	.05	.04		.02	.04	.04	.07	.01								.48
PORT CLINTON							.05	.05							.03										.13
PUNXSUTAWNEY 2				.01					.09										.43						.10
PUTNEYVILLE 2 SE		.01	.02	.05			.01	.01	.04	.01															.58
RAYMOND		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
READING WB CITY								.01					.05			.01									.07
RENOVO 6 S STATE CAMP					.03	.02	.06	.01	.01	.01															.14
RIDGWAY				.07	.08	.11																			.26
ROCHESTER 1 N								.08	.02							.35									.45
SCANDIA				.01	.04																				.06
SCRANTON WB CITY						.07	.30	.28	.02	.02				.05	.01	.01									.76
SHADE GAP		.01					.01									.02	.01	.01	.01		.01				.08
SHEFFIELD 6 W CHERRY GROVE			.01	.03	.08										.13										.25
SMETHPORT HIGHWAY SHED					.02	.04	.01			.01		.01													.09
STATE COLLEGE					.03					.03	.03	.05	.04												.18
STRONGSTOWN																			.29	.04					.33
STROUDSBURG							.02	.05	.04	.01	.03	.02	.01	.03	.01	.03									.25
SUNBURY						.02	.02			.06															.10
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.07	*	*	*	*	*	.07											.14
TAMAQUA 4 N STILL CREEK DAM							.44	.06		.05	.05	.01	.02	.01											.64
TIONESTA 2 SE DAM //			.05	.08	.10																				.23
TITUSVILLE	.01	.03	.07	.20	.07	.01		.02	.01	.01															.43
TOWANDA				.03	.20	.30	.10	.03	.01				.01		.02										.70
TUNKHANNOCK 1 S					.01	.27	.30	.02	.05					.03	.03										.71
TUNNELTON //																		.34	.02						.36
TYRONE 4 NE BALD EAGLE					.01					.10			.14												.25
UNION CITY 1 W			.01	.03	.01		.01	.03						.04										.02	.15
VANDERGRIFT 2 W																	.10								.10
WASHINGTON																	.25								.25
WAYNESBURG 1 E																.19	.01	.01							.21
WELLSBORO 2 E				.02		.01	.04					.01		.02											.10
WILLIAMSPORT 4 E WB AIRPORT 6			*	*	*	*	*	.06	*	*	*	*	*	.10											.16
WILLIAMSPORT							.02	.06	.04																.12
WIND GAP 3 SW								.15																	.15
YOUNGSVILLE			.07	.02	.01			.18	.20	.01															.49
												23d													
ALBION	.54	.32	.02													.01									.88
ALLENTOWN WB AIRPORT		.27	.01																						.29
AUSTINBURG 2 W						.01	.10	.27	.06	.10															.54
AVOCA WILKES-BARRE SCRANTON AP 6									*	*	*	*	*	.06											.06
BETHLEHEM LEHIGH UNIV			.19			.01					.01									.01					.22
BLAIRSVILLE 6 ENE 6															*	*	*	*	*	.05					.05
BLAKESLEE CORNERS											.40	.05													.45
BOSWELL														.03											.03
BUCKSTOWN														.32											.32
BUTLER SUBSTATION										.01															.01
CANTON 1 NW								.01	.22	.10	.03	.01		.01											.38
CARTER CAMP						.03	.10	.50	.15	.05	.03														.86
CHARLEROI													.03		.60	.39									1.02
DINGMANS FERRY		.01	.03	.04	.02		.01	.01			.13	.23													.48
DRIFTWOOD									.04																.04
DU BOIS 7 E	*	*	*	*	*	*	*	.21																	.21
DUNLO								.01		.01					.19										.21
DUSHORE										.14	.33	.04	.01		.01	.01									.54
EMPORIUM								.35	.05																.40
ENGLISH CENTER									.26	.02															.28

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ERIE WB CITY	.01	.24	1.29	.34																					
ERIE AIRPORT 6x	*	.15	*	*	*	*	*	1.73																	1.88
GLENCOE								.01	.02	.01		.04	.08	.02	.18										1.73
HAWLEY 1 S WALLEN DAM					.02					.02	.24	.26	.02	.01											.36
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.57
HONESDALE 6 N TANNERS FALLS //	.01	.04		.02			.09	.01	.17	.15	.06														-
JACKSON SUMMIT						.02		.06	.05	.08															.46
JOHNSTOWN 2															.38	.01									.30
KANE 5 SE					.01	.03	.17	.18		.01															.39
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.40
LEHIGHTON	.01																								-
MARIENVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.01
MARTINSBURG																.02	.01								*
MARTINSBURG BLAIR CO AIRPORT 6															*	*	*	*	*	.07					.03
MEADVILLE 1 S	.02																								.07
MEDIX RUN								.05	.06		.01	.01													.02
MILAN				.01	.05	.06	.03																		.13
MILLVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
MOUNT POCONO 2 N WB AIRPORT //									.01		.09	.28													-
MOUNT UNION 1 NW //																		.02					.01		.38
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.01					.03
PIKES CREEK									.12	.09	.01														.01
PINE GROVE MILLS 1 S															.01	.01									.22
PLEASANT MOUNT 1 W	.02	.01						.01	.16	.12	.01														.02
PORT CLINTON	.17																								.33
RAYMOND	*	*	*	*	*	*	*	*	*	*	*	*	1.21												.17
READING WB CITY	.01																								1.21
RENOVO 6 S STATE CAMP									.12																.01
RIDGWAY							.13				.02	.02													.12
SCANDIA		.02	.03	.05	.20	1.01	1.03	.13																	.17
SCRANTON WB CITY									.02	.05	.31	.02													2.47
SELLERSVILLE 2 NW		.01	.04	.01																					.40
SHADE GAP	.01			.01																					.06
SHEFFIELD 6 W CHERRY GROVE				.01	.01	.06																			.02
SMETHPORT HIGHWAY SHED							.77	.38	.02																.08
STRONGSTOWN														.03											1.17
STROUDSBURG									.01	.01	.20	.06	.12												.03
TOWANDA								.02	.12	.09	.02	.01	.01												.40
TUNKHANNOCK 1 S									.01	.20	.08		.01												.27
UNION CITY 1 W	.07	.10	.12	.27	.20																				.30
WAYNESBURG 1 E		.01	.01																						.76
WELLSBORO 2 E							.01																		.03
WILLIAMSPORT 4 E WB AIRPORT 6							.02	.18	.22	.13	.01														.56
WILLIAMSPORT									*	*	*	*	*	.07											.07
WIND GAP 3 SW										.08	.03														.11
YOUNGSVILLE			.04	.02								.12	.01												.19
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALBION																									
ALLENS MILLS																									
ALLENTOWN WB AIRPORT														.02											.02
AVOCA WILKES-BARRE SCRANTON AP 6																.70	.04		.01	.02	.05				.82
BETHLEHEM LEHIGH UNIV															*	*	*	.15	.04	.01					.20
BLAIN																	*	*	*	.41					.41
BLAIRSVILLE 6 ENE 6																			.06	.01					.07
BLAKESLEE CORNERS									*	*	*	*	*	.15	*	.12	.05								.17
BOSWELL																*	*	*	*	.10	*	*	*	.37	.62
BROOKVILLE AIRPORT 6															.20	.60	.02		.15	.01					.78
BUCKSTOWN															*	.09	.01				.10				.40
BUTLER SUBSTATION																*	*	*	*	.84	*	*	*	.03	.87
CANTON 1 NW														.43	.08	.12	.01		.01	.01	.15	.10			.40
CARTER CAMP															.13						.21				.72
CHAMBERSBURG														.10			.01	.02	.03						.19
CHARLEROI																		.05							.15
CLARION 3 SW												.26	.03	.17			.02								.02
COALPORT															.25	.08									.46
COATESVILLE 1 SW														.09	.01	.07	.07	.02	.20	.09		.01			.63
CONFLUENCE 1 SW																		.38	.02		.01		.07		.34
CONNELLSVILLE 4 N																.03					.07				.40
CRESSON 1 E SUMMIT														.15	.05					.11					.10
CURWENSVILLE 6 NW AIRPORT 6															.08	.07									.31
DINGMANS FERRY															*	*	*	*	*	.69	*	*	*	.04	.15
DRIFTWOOD									.01	.01	.01							.23	.01						.73
DU BOIS 7 E																	.50	.05	.01	.01					.27
DUNLO														*	*	*	*	*	*	.74					.57
DUSHORE															.01	.05			.01	.10	.10	.05			.74
EMPORIUM																.20	.18								.32
ENGLISH CENTER													.15	.03			.04								.38
FORD CITY DAM 4 S //														.01		.08	.04	.07	.01						.22
FRANKLIN															.45	.05									.21
GETTYSBURG 1 S																	.05	.06	.08						.50
GLENCOE																	.03								.19
GLEN ROCK															.02	.05		.01			.01				.03
GOOD SPRINGS 1 NW															.25	.02			.01			.01			.10
GREENSBURG 2 E HIGHWAY SHED																	.01	.14							.28
HAWLEY 1 S WALLEN DAM														.05	.06		.01		.01	.21	.11				.15
HEWITT 2 S	-	-	-	-	-	.01	-	-	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.45
HOLLIDAYSBURG																.12									.02
HOLTWOOD																									-
HOME																.10		.01	.17	.04	.02				.12
HONESDALE 6 N TANNERS FALLS //															.55	.50	.02					.18			.23
HUNTSDALE																.12									.84
INDIANA 2 SE																.47	.06								.52
JACKSON SUMMIT									.01			.01	.03					.01							.12
JOHNSTOWN 2																.20	.01	.01		.09	.27	.01	.01		.53
KANE 5 SE																.01	.01	.08	.17						.06
KIRKWOOD 1 SW																			.18						.60
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.27
LEBANON 3 SW																		.26							.18
LEHIGHTON																									-
LEWISTOWN																			.07						.26
MARIENVILLE	*	*	*	*	*	*	*	*	*	*	*	.64	*	*	*	.15	.03								.07
MARTINSBURG																*	*	*	*	*	*	*	*	*	.18
																.20	.03	.01	.01		.01				*
																									.26

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See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MARTINSBURG BLAIR CO AIRPORT 6															*	*	*	*	*	.32	*	*	*	.06	.38
MEADVILLE 1 S																.11									.11
MEDIX RUN																.42	.15					.01			.58
MERCER 5 NE WB AIRPORT 6x															*	*	*	*	*	.20	*	*	*	.02	.22
MERCER														.25	.01										.26
MILLERSBURG 2 E																.01	.01	.01							.03
MILLVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MONROE FURNACE																	.06	.01						.05	.12
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT POCONO 2 N WB AIRPORT //																	.30	.33	.01	.01	.01				.66
MOUNT UNION 1 NW																	.21	.01	.01						.23
MURRYSVILLE															.48	.01			.01	.03		.03			.56
NEFFS MILLS 4 NE																.01	.02						.03	.01	.07
NEW CASTLE 1 N													.70	.03	.02				.01	.17					.93
PALMERTON																		.12	.23	.01					.36
PARKERS LANDING 1 E														.33	.98	.02					.01	.09			.53
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.04					.04
PHILADELPHIA WB AIRPORT																			.02	.32					.34
PHILADELPHIA POINT BREEZE																				.32	.10				.42
PHILADELPHIA WB CITY																			.21	.12					.33
PHILLIPSBURG 7 E WB AIRPORT														.01	.02	.05	.06							.13	.27
PHOENIXVILLE 1 E PUMP STATION																		.12							.12
PIKES CREEK																.21	.20	.02							.43
PINE GROVE MILLS 1 S										.02	.01	.01					.03						.06	.06	.19
PITTSBURGH 7 SE WB AIRPORT //															.43					.22					.65
PITTSBURGH WB CITY															.11				.07	.03	.08				.29
PLEASANT MOUNT 1 W															.06	.13									.19
PORT CLINTON																		.22	.02						.24
PUNXSUTAWNEY 2															.63	.04							.23	.03	.93
PUTNEYVILLE 2 SE															.24	.09					.05	.02	.01		.41
RAYMOND													.23	.05	.21	.02	.02								.58
RENOVO 6 S STATE CAMP																.15	.04								.19
RIDGWAY															*	*	*	*	*	*	*	*	*	*	*
ROCHESTER 1 N															.25	.05									.55
SCANDIA											.02	.20	.25	.01	.02	.08	.15		.01		.14				.73
SCRANTON WB CITY																.02	.22	.07		.01					.32
SHADE GAP																	.17	.01							.18
SHEFFIELD 6 W CHERRY GROVE											.01	.01		.02				.30							.34
SMETHPORT HIGHWAY SHED												.61	.03	.07	.01			.06	.03				.01		.32
SPRING GROVE														.02			.24	.19							.45
STATE COLLEGE															.04		.04	.02							.10
STRONGSTOWN																.23	.10						.02		.35
STROUDSBURG																	.20	.02							.22
SUNBURY																.12	.15	.01							.28
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.07					.97
TIONESTA 2 SE DAM //															.05	.01		.06	.13						.25
TITUSVILLE													.20												.20
TOWANDA														.04	.12				.02						.18
TUNKHANNOCK 1 S																.20									.20
TUNNELTON //																.25			.01	.10	.14	.03	.02		.55
TYRONE 4 NE BALD EAGLE																							.02	.02	.04
UNION CITY 1 W														.13											.13
VANDERGRIFT 2 W													.21	.09	.02				.10		.08				.50
WASHINGTON															.40	.02									.42
WAYNESBURG 1 E														.19	.03					.10					.32
WEBSTER MILLS 3 SW																							.07		.45
WELLSBORO 2 E												.16	.02			.09	.11								.39
WILLIAMSPORT 4 E WB AIRPORT 6													.16	.17	.03			.02		.01					.39
WILLIAMSPORT															*	*	*	*	*	.06					.06
WIND GAP 3 SW																.03									.03
YORK 2 S FILTER PLANT														.17			.38								.15
YOUNGSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.55
																									-
													25th												
BLAIRSVILLE 6 ENE 6															*	*	*	*	*	.01					.01
BOSWELL																				.06					.06
CANTON 1 NW																									.03
COALPORT							.01	.01	.01																.01
CONNELLSVILLE 4 N						.01				.01					.02	.05	.01								.09
EMPORIUM									.04																.04
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JOHNSTOWN 2							.01					.03													.04
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONROE FURNACE	.01																								.01
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.02																	.02
PHILLIPSBURG 7 E WB AIRPORT	.01																								.01
PINE GROVE MILLS 1 S	.01									.01	.01	.01	.01												.05
RIDGWAY	*	*	*	*	*	*	*	.35																	.35
SMETHPORT HIGHWAY SHED		.01			.01			.01																	.03
STATE COLLEGE	.19																								.19
TYRONE 4 NE BALD EAGLE	.01																								.01
WASHINGTON																.02									.02
													26th												
ALBION															.01	.08	.01								.10
BLAIN															.04		.05	.05							.14
BLAIRSVILLE 6 ENE 6																*	*	*	*	.08	*	*	*	.10	.18
BOSWELL																		.66	.10	.10	.01				.87
BUCKSTOWN																		.22	.01	.13	.36				.72
BUTLER SUBSTATION				.01			.01	.02				.01	.01	.01		.02									.09
CHAMBERSBURG																	.50	.30		.30	.08	.02			1.20
CHARLEROI															*	*	*	*	*	*	*	*	*	*	*
CLARION 3 SW															.01					.02					.03
COALPORT													.20	.06	.01		.03								.30
CONFLUENCE 1 SW									.01											.03	.07				.01
CONNELLSVILLE 4 N														.02	.01	.02									.10
CRESSON 1 E SUMMIT																	.32	.02	.02				.09		.05
DUNLO															*	*	*	*	*	*	*	*	.28		.45
EVERETT																		.02	.06	.02		.01	.12		.28
GETTYSBURG 1 S					.01	.01	.03	.01	.01		.01	.01													.25
GLENCOE																							.01		.09
GLEN ROCK																	.61	.09	.02			.31			.01
GREENSBURG 2 E HIGHWAY SHED																									1.03

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSY
JUNE

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HARRISBURG 3 S WB AIRPORT																									
HAWLEY 1 S WALLEN DAM																.18	.01		.01				.01	.02	.91
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.22
HOLLIDAYSBURG																	.30								-
HOME															.01										.30
HUNTSDALE																	.02	.01							.01
JOHNSTOWN 2																	.10	.13	.02			.05	.10		.03
LAMPETER SCS 1 A	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.40
LEWISTOWN															.03	.01									-
MARTINSBURG																	.04	.01	.02						.04
MARTINSBURG BLAIR CO AIRPORT 6															*	*	*	*	*	.08					.07
MONROE FURNACE																.03	.02								.08
MOUNT UNION 1 NW //															.88	.10									.05
MURRYSVILLE																.51	.45	.20	.01		.06	.02			.98
NEFFS MILLS 4 NE															.10	.04	.01						.01		1.25
PARKERS LANDING 1 E																			.01	.02	.01	.01			.16
PINE GROVE MILLS 1 S														.04	.06										.05
PITTSBURGH 7 SE WB AIRPORT //																	.30	.06	.01	.02					.10
PITTSBURGH WB CITY																.38	.19	.01	.01	.02					.39
RIDGWAY														*	*	*	*	*	*	.08					.61
ROCHESTER 1 N															.02	.02	.02	.01							.08
SHADE GAP																.50	.40	.17	.01		.01		.01		.07
SPRING GROVE															.06	.24						.02	.14	.02	1.10
STATE COLLEGE																									.18
STRONGSTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.30
TUNKHANNOCK 1 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TUNNELTON //																									-
TYRONE 4 NE BALD EAGLE																.05	.09	.02	.01		.02		.28		.47
WEBSTER MILLS 3 SW														.35											.35
WILLIAMSPORT 4 E WB AIRPORT 6																				1.12	.05				1.17
WILLIAMSPORT													.01		.01	*	*	*	*	.01					.01
																	.01								.03
												27th													
ALBION																									
ALLENS MILLS									.21		.01									.02				.01	.03
ALLENTOWN WB AIRPORT	.02	.02	.01												.35										.22
AUSTINBURG 2 W								.09		.16															.40
AVOCA WILKES-BARRE SCRANTON AP 6									*	*	*	*	*	.89	*	*	*	*	*	.41	*	*	*	.48	1.78
BETHLEHEM LEHIGH UNIV	.11	.01													.36										.48
BLAKESLEE CORNERS													.03	.17											.20
BOSWELL									.04																.04
BUCKSTOWN							.01		.02		.01														.04
CANTON 1 NW									.01	.27	.25	.05	.05												.63
CARTER CAMP							.28	.05	.22					.17											.55
CHAMBERSBURG																									.17
CHARLEROI	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
COATESVILLE 1 SW														.01	.22	.01			.04	.50					.78
CONFLUENCE 1 SW																		.06	.07						.13
CONNELLSVILLE 4 N																		.01	.01	.01					.03
CRESSON 1 E SUMMIT															.03										.03
DINGMANS FERRY																									.03
DRIFTWOOD												.01	.01	.10	.15	.02	.01	.01					.50	.02	.93
DU BOIS 7 E									.20	.06															.26
DUNLO								*	*	*	*	*	*	.14											.14
DUSHORE															.01										.01
EMPORIUM											.40	.80	.10	.02	.01	.01									1.34
ENGLISH CENTER								.60		.01	.01	.01													.63
ERIE WB CITY																.76	.02								.78
ERIE AIRPORT 6x																					.02	.03	.20	.10	.35
EVERETT											.15											*	*	*	.16
FORD CITY 4 S //								.05																	.15
FRANKLIN				.29																					.05
GLENCOE																									.29
GLEN ROCK	.09																	.01	.03	.01					.05
GOOD SPRINGS 1 NW																	.10							.04	.13
GREENSBURG 2 E HIGHWAY SHED								.01			.01	.01													.10
HAWLEY 1 S WALLEN DAM	.25	.01											.02	.18	.04	.01		.01					.18	.07	.03
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.77
HOLTWOOD		.02																						.01	-
HONESDALE 6 N TANNERS FALLS //												.40	.05	.03								.08	.02	.02	.03
JACKSON SUMMIT						.01	.02	.10	.05	.10	.01	.01													.60
JAMESTOWN 2 NW																				.19			.14		.30
KANE 5 SE							.01	.09																	.33
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.10
LEHIGHTON																									-
LEWISTOWN														.56	.02										.58
LOCK HAVEN 2													.46	.01	.01										.48
MARIENVILLE	*	*	*	*	*	*	*	*	*	*	.34	.01													.35
MEADVILLE 1 S				.02							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MEDIX RUN																					.40	.10			.52
MERCER 5 NE WB AIRPORT 6x			*	*	*	*	*	.22	.13	.01	.01														.15
MERCER				.04																	*	*	*	.01	.23
MILAN																									.04
MILLVILLE	*	*	*	*	*	*	*	*	.01	.03	.21	.06	*	1.40	.01	.07	.01	.01	.12						.53
MONROE FURNACE									*	*	*	*													1.40
MONTROSE												.04	.01												.05
MOUNT POCONO 2 N WB AIRPORT //												.16	.14								.15	.05		.10	.60
NEFFS MILLS 4 NE											.01	.17	.23	.12	.11				.14			.05	1.06		1.71
PALMERTON														.01											.19
PARK PLACE 1 NW WB AIRPORT 6														.63											.63
PHILADELPHIA WB AIRPORT		.06							*	*	*	*	*	.15	*	*	*	*	*	.15					.30
PHILADELPHIA POINT BREEZE		.02	.03																	.02	.01				.09
PHILADELPHIA WB CITY		.03																				.01			.06
PHILLIPSBURG 7 E WB AIRPORT										.10											.01				.04
PHOENIXVILLE 1 E PUMP STATION																									.10
PIKES CREEK												.23	.19	.08	.23		.16	.01	.01						.41
PINE GROVE MILLS 1 S											.01														.50
PLEASANT MOUNT 1 W	.20								.01		.01	.22	.01		.01						.17	.02			.01
PORT CLINTON																							.01	.01	.65
RAYMOND							.07	.01	.27																.02
READING WB CITY																		.20	.58						.35
RENOVO 6 S STATE CAMP																		.03							.78
RIDGWAY																				*	*	*	*	*	.03
SCANDIA						.05																	.01		*
																									.06

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SCRANTON WB CITY												.95	.17	.10				.02	.03	.44		.49			2.20
SHEFFIELD 6 W CHERRY GROVE				.01	.01	.48																.10			.60
SMETHPORT HIGHWAY SHED							.13		.36		.01														.50
SPRING GROVE														.49											.49
STATE COLLEGE											.03														.03
STRONGSTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STROUDSBURG		.02											.15	.05											.22
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.39					.39
TAMAQUA 4 N STILL CREEK DAM														*	*	*	*	*	*	*	.65				.65
TIONESTA 2 SE DAM //					.03																				.03
TITUSVILLE				.18																		.26	.01		.45
TOWANDA									.01	.19	.10							.13	.75	.28	.22				1.68
TUNKHANNOCK 1 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNION CITY 1 W																					.20				.20
WAYNESBURG 1 E																	.01	.03	.06						.10
WEBSTER MILLS 3 SW														.10	.01										.11
WELLSBORO 2 E								.11	.04	.26	.01														.42
WILLIAMSPORT 4 E WB AIRPORT 6									*	*	*	*	*	.12											.12
WILLIAMSPORT												.25													.25
WIND GAP 3 SW														.09	.28										.37
YOUNGSVILLE					.02	.01	.01														.01	.01			.06
													28th												
ALLENTOWN WB AIRPORT																	.30								.30
BETHLEHEM LEHIGH UNIV																	1.28	.02							1.30
CHARLEROI	*	*	*	*	*	*	*	*	.18																.18
CLARION 3 SW				.07	.01																				.08
COATESVILLE 1 SW										.02						.38	.20								.60
CONNELLSVILLE 4 N				.01	.01																				.02
DINGMANS FERRY	.03							.01	.01	.03	.02				.10										.20
EMPORIUM																		.01							.01
ERIE AIRPORT 6x	*	.16																							
FRANKLIN		.01	.48	.01			.05		.01																.56
GOOD SPRINGS 1 NW															.09										.09
HAWLEY 1 S WALLEN DAM	.03																								.03
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLTWOOD	.08	.01																							.09
HONESDALE 6 N TANNERS FALLS //	.01														.30	.05				.25					.61
JACKSON SUMMIT													.20	.09	.01										.30
JAMESTOWN 2 NW	.09	.03	.05	.02	.03	.04	.28																		.54
KANE 5 SE				.09	.03	.01	.01																		.14
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANCASTER 2 NE FILTER PLANT																	.22	.03							.25
LEBANON 3 SW															.13										.13
LEHIGHTON													.40	.70											1.10
MARIENVILLE	*	*	*	*	*	*	1.00																		1.64
MEADVILLE 1 S	.20	.18	.02				.01	.19																	.60
MERCER 5 NE WB AIRPORT 6x			*	*	*	*	*	.43							*	*	*	*	*	.02					.45
MERCER		.56	.16	.02		.01																			.75
MILAN															.02		.27	.01							.30
MONTROSE																			.10	.14	.01				.25
MOUNT POCONO 2 N WB AIRPORT //																	.32								.32
NEW CASTLE 1 N			.04	.04	.01	.01	.01		.01																.12
PALMERTON														.61			.20								.81
PHILADELPHIA WB AIRPORT							.01											.05	.01						.07
PHILADELPHIA POINT BREEZE																			.08						.08
PHILADELPHIA WB CITY																		.16							.16
PHOENIXVILLE 1 E PUMP STATION																	1.00	.02							1.02
PIKES CREEK																.02									.02
PLEASANT MOUNT 1 W																			.38	.30	.01				.69
PORT CLINTON		.01		.01												.10									.12
READING WB CITY																	.11								.11
RIDGWAY	*	*	*	*	*	*	*	.08																	.08
ROCHESTER 1 N						.01		.01																	.02
SCANDIA			.10													.02									.12
SELLERSVILLE 2 NW																	.08	.40							.48
SHEFFIELD 6 W CHERRY GROVE		.08	.10	.02																					.20
STRONGSTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STROUDSBURG													.12	.07		.02									.21
TIONESTA 2 SE DAM //			.18	.13					.02																.33
TITUSVILLE		.46	.07																						.53
TOWANDA															.14										.14
TUNKHANNOCK 1 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNION CITY 1 W	.02	.03	.05																						.10
WIND GAP 3 SW														.06			.35								.41
YOUNGSVILLE	.01	.16	.01		.01																				.19
													29th												
ALBION																	.07	.04					.37	.01	.49
ALLENS MILLS																		.40	.20	.10					.70
ALLENTOWN WB AIRPORT																							.01		.01
AUSTINBURG 2 W																			.02		.01	.01			.04
BETHLEHEM LEHIGH UNIV		.01																					.06	.03	.10
BLAIN																		.06	.08	.01	.01				.16
BLAIRSVILLE 6 ENE 6															*	*	*	*	*	.73					.73
BOSWELL															*	*	.05	.54	.06						.65
BROOKVILLE AIRPORT 6															*	*	*	*	*	.80	*	*	*	.02	.82
BUCKSTOWN											.56	.01				.29	.02	.06							.94
BUTLER SUBSTATION													.01				.03	.09						.18	.32
CARTER CAMP								.01											.20	.23	.07	.01			.51
CHAMBERSBURG															.10	.10	.10	.10	.08	.01					.49
CHARLEROI																	.72	.05							.77
CLARION 3 SW																		.09	.07						.16
COALPORT																		.01	.26	.02					.29
COATESVILLE 1 SW																					.73	.15	.02	.01	.91
CONFLUENCE 1 SW																	.04	.13					.01	.01	.19
CONNELLSVILLE 4 N																	.25	.03							.28
CRESSON 1 E SUMMIT																	.10	.10	.23	.01					.44
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	1.90	*	*	*	.04	1.04
DRIFTWOOD																			.66	.23	.05				.94
DU BOIS 7 E																				*	*	*	*	*	*
DUNLO																		.06	.04						.10
EMPORIUM																			.25	.10	.02				.37

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ERIE WB CITY																									
ERIE AIRPORT 6x																	.38	.12						.08	.58
EVERETT															*	*	*	*	*	.19	*	*	*	*	.43
FORD CITY 4 S //														.63	.07	.10	.01	.01							.82
FRANKLIN																		.09	.11						.21
GETTYSBURG 1 S																								.01	.21
GLENCOE																								.21	.21
GLEN ROCK															.53	.15	.10	.02		.11	.08	.01			.20
GOOD SPRINGS 1 NW																									.80
GREENSBURG 2 E HIGHWAY SHED																				.10	.08	.08	.05		.31
HARRISBURG 3 S WB AIRPORT																					.08				.08
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.65	.06							.71
HOLLIDAYSBURG																				.05		.02			.07
HOLTWOOD																			-	-	-	-	-	-	-
HOME																			.01	.04					.05
HUNTSDALE																						.11	.10	.08	.29
INDIANA 2 SE																.23	.10	.05	.47	.07		.01			.55
JAMESTOWN 2 NW																		.50	.05	.02	.03				.48
JOHNSTOWN 2																.21	.09	.02	.11						.61
KANE 5 SE																	.03	.73				.08			.40
KIRKWOOD 1 SW																			.10						.86
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.08	.03	.01				.12
LANCASTER 2 NE FILTER PLANT																					.59	.03	.08		.70
LEBANON 3 SW																			-	-	-	-	-	-	-
MARIENVILLE																							.07	.09	.16
MARTINSBURG																				.05	.01				.06
MARTINSBURG BLAIR CO AIRPORT 6													.30					.23	.07	.01				.01	.32
MEADVILLE 1 S								*	*	*	*	*	*	.27	*	*	*	*	*	.03					.30
MEDIX RUN															.04	.12						.07		.01	.30
MERCER 5 NE WB AIRPORT 6x																			.37	.14	.01				.24
MERCER															*	*	*	*	*	.05	*	*	*	.25	.52
MILLERSBURG 2 E																.03	.03								.30
MOUNT POCONO 2 N WB AIRPORT //																			.01	.09		.26	.06	.01	.39
MURRYSVILLE																									.10
NEW CASTLE 1 N																	.10	.12	.01					.02	.02
PALMERTON																	.03	.07							.23
PARKERS LANDING 1 E																							.05	.07	.22
PHILLIPSBURG 7 E WB AIRPORT																		.31	.01				.02	.02	.04
PHOENIXVILLE 1 E PUMP STATION																		.02	.03	.05	.05			.22	.54
PITTSBURGH 7 SE WB AIRPORT //																									.15
PITTSBURGH WB CITY																	.09	.12				.14	.04		.18
PUNXSUTAWNEY 2																	.17	.10							.21
PUTNEYVILLE 2 SE																		.15	.38	.02				.09	.36
RAYMOND																		.54	.15	.02					.55
READING WB CITY																				.11	.03	.02			.71
RENOVO 6 S STATE CAMP																		.02	.03	.02	.02	.07	.08	.01	.16
RIDGWAY																				.01	.23	.07			.16
ROCHESTER 1 N																.02	.06	.01					.42	.08	.09
SCANDIA																			.57	.02					.31
SELLERSVILLE 2 NW																						.20	.02		.59
SHADE GAP													.03	.18	.03	.01	.03	.10							.59
SHEFFIELD 6 W CHERRY GROVE																		.50	.01					.11	.22
SMETHPORT HIGHWAY SHED																				.22	.05	.01			.38
SPRING GROVE																		.01	.67	.05	.08	.02			.62
STATE COLLEGE																				.05	.01				.28
STRONGSTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.83
STROUDSBURG																				.05	.01				.96
SUNBURY																			-	-	-	-	-	-	-
SUNBURY AIRPORT 2 N 6																							.08		.08
TIONESTA 2 SE DAM //																				.02	.03				.05
TITUSVILLE																		.39	.09	.01	*	*	*	.40	.40
TUNKHANNOCK 1 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.09	.01					.14	.63
TUNNELTON //																								.14	.24
TYRONE 4 NE BALD EAGLE																		.82	.13						-
UNION CITY 1 W																		.02	.25	.05					.95
VANDERGRIFT 2 W																		.21							.32
WASHINGTON																	.10	.13	.03	.02	.01		.01	.05	.27
WAYNESBURG 1 E															.05	.11	.03	.01						.13	.42
WEBSTER MILLS 3 SW																	.04	.08					.02	.20	.42
WELLSBORO 2 E																.75	.08	.02						.05	1.17
WIND GAP 3 SW																				.03					.85
WORK 2 S FILTER PLANT																									.03
YOUNGSVILLE																			.10	.10	.04	.06		.05	.05
																								.11	.30
												30th													.11
ALBION	.01	.01	.04																						
ALLENS MILLS	.21	.01				.01						.21	.01												.28
ALLENTOWN WB AIRPORT	.02																								.23
BETHLEHEM LEHIGH UNIV																		.04	.01			.01			.08
CAIRSVILLE 6 ENE 6			*	*	*	*	*	.02							*	*	*	.01	.02			.01			.04
CASWELL																			*	.07					.09
COOKVILLE AIRPORT 6	*	.20																	.03						.03
CRICKSTOWN	.01																								.20
CUTLER SUBSTATION	.07				.04																				.01
DARLEROI	.10	.02																							.11
DARION 3 SW	.14	.02																							.12
DALPORT					.02											.06									.22
DATESVILLE 1 SW	.01	.01															.10	.03	.04			.01	.02		.02
DNFLUENCE 1 SW	.01																			.12					.22
DNNELLSVILLE 4 N																		.31							.13
DSSON 1 E SUMMIT																				.04					.31
DWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.03	*	*	*	*	*	.02											.04
DNGMANS FERRY																		.16							.05
DU BOIS 7 E	*	*	*	*	*	*	*	.80																	.16
DUE AIRPORT 6x	*	.24							*	*	*	*	*	.03											.80
DVERETT																					.06				.03
DYD CITY 4 S //	.03	.01	.02					.07	.01																.06
DYLESTOWN 1 S	.09													.01							.31				.14
EDEN ROCK		.01			.01	.01	.01							.08		.01	.01								.41
ELLWOOD 2 E HIGHWAY SHED		.09														.25	.05	.04	.01						.10
ERRISBURG 3 S WB AIRPORT																		.32							.39
EWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01							.41
ELTWOOD																			-	-	-	-	-	-	.01
																	.08	.38	.04	.05					.55

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA
JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HOME		.01	.02																						.03
INDIANA 2 SE		.01	.07																						.08
JAMESTOWN 2 NW				.08	.01									.01		.29									.39
JOHNSTOWN 2																				.09					.09
KANE 5 SE	.17	.02			.01		.01	.01	.01							.05									.28
KIRKWOOD 1 SW																	.10	.03	.06			.01			.20
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANCASTER 2 NE FILTER PLANT	.01																		.01	.11	.02				.15
LEBANON 3 SW																.02									.02
MARIENVILLE	.10														.03	.03	.01					.02			.19
MARTINSBURG BLAIR CO AIRPORT 6																					*	*	*	.04	.04
MEADVILLE 1 S			.07	.01			.01					.08	.01		.20	.33			.14		.06	.01			.92
MEDIX RUN					.01	.01																			.02
MERCER 5 NE WB AIRPORT 6			*	*	*	*	*	.01	*	*	*	*	*	.22	*	*	*	*	*	.05	*	*	*	.42	.70
MERCER													.13		.01					.09					.23
MILLERSBURG 2 E								.01	.02																.03
MOUNT POCONO 2 N WB AIRPORT //																				.01					.01
MURRYSVILLE	.02	.09																							.11
PARKERS LANDING 1 E	.15																								.15
PHILADELPHIA WB AIRPORT																		.37	.65	.04	.06	.04	.08	.02	1.26
PHILADELPHIA POINT BREEZE																			.22	.64	.03	.08	.01	.07	1.05
PHILADELPHIA WB CITY																		.16	.92	.04	.07	.01	.07		1.27
PHILLIPSBURG 7 E WB AIRPORT																				.04	.04				.08
PHOENIXVILLE 1 E PUMP STATION								.02										.04		.05			.05	.06	.22
PITTSBURGH 7 SE WB AIRPORT //	.02	.11															.03								.16
PITTSBURGH WB CITY	.10	.05																							.15
PUNXSUTAWNEY 2	.12			.01	.01	.01	.01	.01	.01								.01	.01							.20
PUTNEYVILLE 2 SE	.10	.02	.01																						.13
RAYMOND		.05																							.05
READING WB CITY																	.01	.07	.01	.01		.01			.11
RIDGWAY			.18																						.18
ROCHESTER 1 N	.01			.10																					.11
SCANDIA	.06		.04	.01		.10																			.21
SELLERSVILLE 2 NW																		.12							.12
SHEFFIELD 6 W CHERRY GROVE	.06	.01	.01	.01														.10				.02			.21
SMETHPORT HIGHWAY SHED		.05															.06	.02							.13
SPRING GROVE															.08										.08
STATE COLLEGE																					.01				.01
STRONGSTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TIONESTA 2 SE DAM //	.11	.01													.09	.01		.01				.09			.32
TITUSVILLE	.04	.01																			.05	.01			.11
TUNKHANNOCK 1 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TUNNELTON //			.04		.01														.10						.15
UNION CITY 1 W				.01		.01			.01					.01			.20								.24
VANDERGRIFT 2 W	.02	.06																							.08
WASHINGTON	.01																								.01
WAYNESBURG 1 E		.08																							.08
WILLIAMSPORT 4 E WB AIRPORT 6			*	*	*	*	*	.06													*	*	*	.04	.10
YORK 2 S FILTER PLANT																.03	.01	.01							.05
YOUNGSVILLE		.01	.01		.01													.10							.13

DELAYED DATA

DECEMBER 1947													2d												
RAYMOND			.01	.01	.01																				.03
													3d												
RAYMOND																.01			.02	.01	.02	.01	.01		.08
													4th												
DU BOIS 7 E						.01		.01	.01	.01	.01											.02	.01		.08
RAYMOND				.01	.01	.01																		.03	.06
													5th												
DU BOIS 7 E	.01									.04	.05	.03	.06		.01					.01	.03	.01	.01	.01	.27
RAYMOND	.05			.05	.04	.04	.02	.01	.01	.01	.01	.01	.01	.01	.02						.01				.30
													6th												
DU BOIS 7 E	.01																								.01
RAYMOND						.01									.01	.01	.01		.01						.05
													7th												
DU BOIS 7 E													.05	.08	.04	.01	.01			.01			.10	.05	.35
RAYMOND													.01	.03	.03	.02							.02	.01	.12
													8th												
DU BOIS 7 E	.04	.01	.01	.01	.06	.01		.01																	.15
RAYMOND	.01	.02	.01	.01	.01																				.06
													10th												
RAYMOND																						.01			.01
													11th												
RAYMOND	.02		.01			.02																			.05
													14th												
DU BOIS 7 E											.02	.01													.03
													15th												
DU BOIS 7 E																		.07	.07	.07	.12	.07	.10	.09	.59
RAYMOND																			.01	.08	.03	.13	.07	.16	.48
													16th												
DU BOIS 7 E	.02	.01			.01																				.04
RAYMOND	.05	.01	.01	.01	.03	.01																			.12
													26th												
DU BOIS 7 E									.01	.01	.02	.01													.05
RAYMOND										.02	.01														.03

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DELAYED DATA																									
DECEMBER 1947																									
												27th													
DU BOIS 7 E							.02																		
RAYMOND												.01					.01			.01					.02
																									.03
												28th													
DU BOIS 7 E													.01	.01	.01	.01									
RAYMOND	.01	.01		.01	.01	.03			.01																.04
																									.08
												30th													
DU BOIS 7 E													.01	.01	.01										
RAYMOND																									.03
																							.01		.01
												31st													
DU BOIS 7 E		.03	.03		.01	.01		.01		.01			.01		.01		.01	.01	.01						
RAYMOND		.01		.01		.01			.01		.01			.01		.01									.15
																									.06

See reference notes following Station Index

TABLE 5

PENNSYLVANIA

JUNE 1948

DAILY TEMPERATURES (° FAHRENHEIT)

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION	MAX	80	83	80	78		86	65	61	71	77	79			79	74	71	71	72			81	86	91	82	81			60	83	79		77.0
	MIN	34	42	44	44		42	36	52	53	43	49			47	58	45	40	47			47	59	68	73	62			80	69	63		52.0
ALLENTOWN WB AIRPORT	MAX	82	85	73	83	73	75	76	79	73	77	81	83	76	80	78	66	77	76	78	80	84	65	62	93	87	87	81	96	95	89		79.7
	MIN	58	53	54	54	51	44	55	55	54	54	52	60	56	51	57	52	47	52	60	59	56	60	58	61	67	62	64	67	66	69		56.9
ALLENTOWN GAS CO	MAX	69	82	85	75	83	73	75	75	79	73	77	81	82	76	78	78	66	77	76	78	78	82	66	64	93	87	87	83	92	94		78.8
	MIN	58	52	58	53	59	43	53	57	55	54	52	59	63	52	55	60	47	52	58	59	61	62	58	60	63	63	65	67	65	68		57.7
ALTOONA HORSESHOE CURVE	MAX	78	82	76	84	74	74	73	72	67	77	80	77	74	78	78	73	74	73	73	78	79	75	81	89	83	80	86	87	89	81		78.2
	MIN	49	49	50	52	60	37	58	54	50	49	51	62	59	48	60	53	43	50	59	56	51	60	62	65	64	59	63	63	65	62		55.4
ARENDTSVILLE	MAX	79	81	84	73	85	79	78	78	79	76	80	84	85	79	83	83	68	78	72	79	77	82	86	81	94	87	87	91	92	95		81.8
	MIN	57	57	57	53	56	42	59	57	53	54	51	59	63	54	59	59	49	54	60	61	53	58	61	61	66	63	64	66	61	66		57.8
AVOCA WILKES-BARRE AP	MAX	79	84	77	82	66	71	73	74	73	74	79	77	73	80	76	77	72	76	73	77	75	65	70	90	83	83	80	88	92	84		77.4
	MIN	56	53	54	55	52	44	54	54	53	54	53	59	55	49	60	55	47	48	60	56	51	58	60	65	66	59	67	66	68	65		56.5
BAKERSTOWN 4 WNW	MAX										68	77	72	80	74	78	75			76	72	76	73	76	82	86	85	80	79	87	83		77.8
	MIN										48	51	53	54	53	53			55	57	53	52	54	54	52	53	54	54	53	53	53		53.1
BEAR GAP	MAX	71	76	72	78	79	80	70	80	78	74	74	80	81	80	76	74	71	78	78	79	78	78	77	87	87	86	85	90	90	86		79.2
	MIN																																
BELLEFONTE ROCKVIEW FARM	MAX	75	81	82	78	86	79	78	74	75	70	80	82	78	80	79	79	74	76	75	71	79	79	68	82	89	82	81	90	87	90		79.3
	MIN	51	56	51	52	53	49	59	58	49	50	53	52	62	61			43	53	52	47	52	61	61	62	66	53	62	66	67	67		56.0
BERWICK	MAX	82	85	82	83	83	74	76	77	77	78	79	80	80	81	81	79	77	77	77	79	80	79	71	93	85	84	82	90	92	90		61.1
	MIN	53	49	56	52	58	42	59	58	52	52	50	59	60	48	60	58	45	49	61	60	52	60	61	65	66	61	69	67	68	67		57.2
BETHLEHEM LEHIGH UNIV	MAX	82	85	72	84	74	72	79	79	72	78	81	84	77	79	78	68	77	76	78	79	84	68	60	94	88	89	82	92	96	88		79.8
	MIN	58	59	57	54	51	50	60	55	55	56	56	62	57	53	58	56	52	54	60	61	58	59	57	60	69	65	64	69	67	69		58.7
BLAIRSVILLE 6 ENE	MAX	75	80	77	80	70	74	67	66	68	73	78	76	71	76	72	68	68	80	65	73	80	82	84	82	79	80	84	83	87	80		75.9
	MIN	50	53	54	56	52	43	58	51	50	51	58	54	57	54	59	54	49	53	58	55	54	62	66	64	62	62	64	68	63	59		56.4
BRADFORD 4 W RESERVOIR 1	MAX	75	78	80	81	79	72	72	62	66	74	76	74	70	76	76	70	69	71	71	74	73	74	87	87	78	78	82	83	85	85		75.9
	MIN	34	39	36	43	54	31	52	52	51	44	45	49	51	40	54	40	35	40	52	43	40	59	64	67	60	54	59	64	63	62		49.2
BROOKVILLE AIRPORT	MAX	78	81	82	84	71	75	68	65	70	76	78	78	73	77	75	73	72	73	74	76	76	80	89	85	80	80	85	85	87	80		77.5
	MIN	39	42	43	50	39	32	58	53	52	45	45	58	49	43	58	48	41	49	57	51	47	58	66	69	58	53	60	67	64	61		51.8
BURGETTSTOWN 3 W	MAX	70	79	82	84	84	75	73	73	72	73	84	74	74	76	80	77	73	75	75	75	77	84	90	91	88	83	85	89	89	89		79.8
	MIN	34	42	48	54	53	45	50	52	43	45	53	57	59	46	52	56	37	46	46	53	48	54	64	67	56	58	62	65	63	66		52.9
BURNT CABINS 2 NE	MAX	78	82	80	85	84	78	78	79	72	82	86	86	77	81	84	70	79	78	75	80	83	80	85	95		86	93	91	94	88		82.4
	MIN	42	42	51	46	47	32	58	50	49	46	46		52	42	60	46	39	46	58	56	51	61	61	61		57	61	63	64	64		51.8
BUTLER	MAX	80	83	87	86	87	75	75	70	67	74	82	80	83	83	81	79	76	76	77	82	80	82	88	92	90	85	91	90	91	93		82.2
	MIN	38	45	47	52	62	36	40	55	54	45	48	60	48	48	60	57	41	53	60	53	51	61	61	73	63	59	65	63	69	67		54.2
CANTON 1 NW	MAX	70	75	77	77	82	65	68	64	68	64	74	75	78	74	75	75	67	70	72	69	75	76	65	68	86	81	80	80	83	87		74.6
	MIN	48	51	49	51	52	40	44	54	49	47	50	54	52	47	53	48	45	46	47	51	51	54	55	56	60	55	53	64	66	65		51.7
CARLISLE	MAX	82	85	80	84	78	77	76	80	76	80	83	86	75	83	84	78	78	74	77	78	82	75	75	94	88	86	92	94	96	90		82.2
	MIN	55	52	56	53	58	42	60	57	53	51	54	62	60	50	60	53	47	55	60	59	56	61	58	61	66	62	64	67	67	68		57.1
CHAMBERSBURG	MAX	80	86	79	84	80	79	77	78	75	81	85	86	79	82	85	70	78	76	77	79	83	79	86	94	87	85	91	94	94	84		82.2
	MIN	51	50	55	49	61	40	64	52	54	51	52	60	63	50	61	54	45	53	59	61	55	63	62	62	67	62	64	65	67	66		57.1
CLARION 3 SW	MAX	80	85	83	86	73	76	68	65	72	79	80	82	75	79	78	73	74	74	75	78	77	83	91	87	82	80	88	89	90	81		79.1
	MIN	36	40	41	48	53	34	56	48	50	42	46	55	53	44	56	50	39	47	56	49	46	56	63	64	62	54	60	65	62	61		51.2
CLAYSVILLE	MAX	76	83	81	83	80	77	73	70	71	77	82	83	74	80	77	73	74	78	82	76	84	90	89	88	83	85	89	88	88	82		80.1
	MIN	38	44	45	54	59	41	61	57	53	48	50	61	59	48	59	56	41	53	63	55	52	62	67	68	61	62	65	66	64	66		55.4
COALPORT	MAX	68	78	85	80	86	76	78	73	72	70	78	82	82	76	78	79	75	75	75	73	79	81	79	87	87	82	81	88	89	92		79.4
	MIN	43	41	40	42	41	29	30	55	50	47	44	44	60	42	47	49	38	39	47	53	47	47	59	64	64	55	54	62	62	64		48.2
COATESVILLE 1 SW	MAX	80	83	71	79	76	75	80	80	71	78	81	84	75	79	83	68	76	70	80	78	82	73	72	93	87	87	89	92	94	88		80.1
	MIN	59	52	52	53	56	39	58	56	53	50	50	57	63	51	55	63	45	54	60	61	53	60	61	61	65	63	64	67	67	62		57.1
COLUMBIA	MAX	84	87	76	84	81	79	81	83	77	82	86	87	80	84	85	78	80	75	80	81	85	75	73	96	91	91	93	95	90	90		83.3
	MIN	59	54	55	55	58	43	60	59	55	53	57	52	64	54	62	56	50	57	57	62	58	64	61	65	67	63	67	70	70	70		59.1
CONFLUENCE 1 SW	MAX	75	82	73	82	74	77	73	70	68	75	80	82	74	80	78	72	74	78	81	75	86	88	89	88	82	85	90	88	92	79		79.1
	MIN	47	44	46	49	53	42	44	59	53	50	50	52	60	49	51	58	46	49	52	60	54	54	62	64	61	60	62	64	64	63		54.1
CORRY	MAX	76	82	82	84	82	75	72	57	70	76	79	77	72	80	74	70	70	75	74	76	73	83	90	88	81	73	85	87	89	82		77.1
	MIN	38	43	42	44	56	35	54	53	52	45	50	53	51	44	56	47	42	44	54	49	45	58	67	74	64	58	62	65	70	62		52.2
COUDERSPORT	MAX	75	80	82	84	82	72	73	65	68	76	78	72	71	77	78	74	73	74	74	76	76	72	84	86	83	81	86	87	88	87		77.4
	MIN	35	40	39	46	55	30	52	53	38	45	44	46	41	45	55	42	37	40	44	48	40	55	60	61	58	58	64	64	61	61		74.8
CURWENSVILLE 6 NW AIRPORT	MAX	74	79	75	81	69	73	65	65	65	72	76	76	71	74	73	69	69	69	73	73	72	85	83	75	75	82	82	84	84	77		74.2
	MIN	49	52	54	50	42	38	54	50	49	47	48	56	56	46	55	51	43	49	55	51	51	57	61	66	57	56	61	63	62	56		52.6
DERRY	MAX	78	87	86	87	83	78	74	62	72	78	82	80	76	80	75	75	75	80	74	77	77	85	88	88	86	84	89	89	91	82		80.6
	MIN	42	48	48	58	61	39	59	55	53	50	51	61	60	53	48	57	44	54	61	59	55	53	71	69	64	63	67	68	66	67		56.2
DONEGAL	MAX	73	78	76	79	70	72	70	69	65	73	79	79	70	77	74	74	69	77	74	72	80	84	84	86	78	82	84	84	88	76		76.4
	MIN	36	38	47	48	33	33	56	45	47	43	46	58	48	40	53	45	36	46	57	52	46	60	62	64	59	58	60	61	60	58		49.2
DONORA	MAX	81	88	85	88	80	79	77	75	76	83	86	82	79	84	81	78	78	81	80	77	87	92	90	91	88	89	93	92	92	84		83.6
	MIN	46	50	58	60	64	45	64	59	53	51	56	65	62	53	63	60	49	59	64	60	57	65	71	72	66	68	69	71	72	68		61.1
EAGLES MERE	MAX	71	75	77	72	79	65	64	65	66	62	71	72	71	70	72	72	64	68	70	61	70	73	61	65	83	75	74	75	81	85		77.1
	MIN	48	51	53	54	54	42	40	54	48	48	48	50	54	54	52	52	49	48	48	52	53	53	55	55	57	61	61	61	64	66		53.2
EAST WATERFORD 3 E	MAX	75	78	72	77	71	71	70	70	76	74		76	77	71	74	77	67	71	68	73	73	76	68	74	86	79	78	84	85	88	77		77.4
	MIN	54	59	58	57	57	47	57	52	50	53			61	58	56	60	48	52	56	57	56	58	57	56	66	64	66	64	68	66	64		57.1
EBENSBURG	MAX	64	75	81	77	80	70	74	69	65	65	72	77	71	70	77	72	70	69	75	66	73	79	81	80	84	79	79	84	84	87		77.3
	MIN	45	48	50	53	57	37	57	52	48	48	48	51	58	56	46	58	53	43	50	58	54	50	61	62	67	62	59	62	62	65	62	54.2

See reference notes following Station Index

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EMPORIUM	MAX	77	81	84	86	87	72	84	70	68	72	80	88	78	78	81	80	74	77	78	72	81	76	76	86	89	84	82	88	87	90		80.2
	MIN	38	42	40	50	56	32	54	56	52	48	46	54	56	45	56	48	39	41	53	51	45	57	60	64	61	56	61	63	64	61		51.6
EPHRATA	MAX	85	86	74	83	81	78	78	80	75	79	81	84	79	81	82	80	78	76	80	79	83	81	69	93	89	87	91	93	96	88		82.3
	MIN	56	55	56	52	60	45	59	60	54	53	56	62	63	54	59	55	47	55	62	60	58	63	59	63	68	63	59	69	69	68		58.7
ERIE WB CITY	MAX	72	76	77	81	66	66	62	60	66	72	71	76	68	77	69	68	67	71	69	70	72	83	92	83	78	77	80	85	90	75		74.0
	MIN	51	56	57	58	56	48	56	55	55	54	61	56	56	57	61	54	53	55	57	54	58	63	69	68	67	67	69	72	68	65		59.2
EVERETT	MAX	81	83	78	82	75	75	76	76	70	78	83	84	76	82	83	68	75	67	77	76	82	82	85	93	84	84	90	89	92	83		80.3
	MIN	50	54	49	57	52	36	59	50	52	49	48	57	52	44	60	45	43	44	60	56	54	61	63	64	64	59	62	62	63	63		54.4
FARRELL SHARON	MAX	79	85	88	87	87	79	78	67	75	80	82	82	76	82	82	79	77	80	80	80	80	89	93	93	86	86	89	89	89	88		82.9
	MIN	45	51	55	54	60	46	62	58	60	51	56	64	60	58	66	59	50	60	61	58	56	66	73	75	70	67	73	73	75	67		61.0
FORD CITY 4 S	MAX	74	78	85	82	86	76	70	70	70	72	78	82	79	75	79	77	74	75	76	72	78	81	86	90	89	84	80	89	89	88		82.9
	MIN	42	43	45	54	46	38	41	55	53	46	48	49	56	48	46	56	44	45	56	55	51	54	62	68	63	53	61	67	66	65		52.5
FRANKLIN	MAX	71	77	83	84	85	71	75	68	63	71	78	82	79	75	79	77	72	73	75	76	78	78	84	90	88	83	80	87	87	87		78.5
	MIN	41	43	45	47	49	39	42	54	53	47	47	50	56	48	50	53	44	45	54	52	50	52	62	70	64	59	60	66	68	66		52.5
FREDERICKSVILLE 1 SE	MAX	79	82	72	80	70	73	76	76	76	74	79	81	78	78	76	65	78	73	75	74	79	70	90	81		84	85	89	91	85		78.2
	MIN	57	51	52	52	53	39	54	57	48	47	46	56	60	49	54	53	44	50	59	59	51	58	60	59	58	60	63	65	64	68		54.9
FREELAND	MAX	77	80	74	78	77	69	71	73	63	72	74	74	71	76	74	72	70	72	71	75	77	71	60	86	89	80	78	86	89			75.1
	MIN	51	55	55	63	42	52	51	51	49	49	55	67	55	51	53	51	46	50	56	52	55	55	53	57	63	59	60	65	66			55.0
GEORGE SCHOOL	MAX	76	82	73	76	74	75	79	80	73	74	81	83	75	79	78	69	75	73	79	75	81	72	69	93	88	87	86	90	94	90		79.3
	MIN	57	52	53	51	57	41	53	59	54	50	51	59	62	55	55	56	46	55	60	57	56	57	57	60	67	64	64	63	66	69		56.9
GETTYSBURG	MAX	78	80	83	73	83	78	77	79	81	73	81	84	86	78	85	85	68	77	73	78	78	83	77	83	94	87	88	92	93	96		81.7
	MIN	58	57	60	55	62	46	60	63	57	56	56	65	64	54	62	60	47	56	62	62	59	62	62	63	69	65	62	70	71	68		60.4
GORDON	MAX	77	84	75	80	75	76	76	77	73	76	80	79	75	81	75	75	75	75	73	80	81	74	68	91	85	83	87	90	94	86		79.2
	MIN	48	45	48	51	54	37	57	54	46	46	45	53	60	43	54	55	38	45	63	57	47	58	54	58	63	57	64	65	62	63		53.0
GREENSBURG 2 SW FILTER ST	MAX	78	85	82	85	83	76	73	71	72	78	81	78	75	79	78	77	74	78	75	77	85	85	87	86	82	85	88	88	89			80.3
	MIN	37	41	45	49	51	35	61	50	54	45	46	60	60	44	59	58	40	52	63	60	52	60	61	65	66	60	63	61	63			53.8
GREENVILLE	MAX	76	78	82	86	70	72	67	62	71	78	80	80	74	80	77	70	74	77	77	78	75	88	93	90	83	81	88	89	89	81		78.9
	MIN	35	45	42	41	58	33	53	50	51	40	44	54	53	45	57	48	37	49	53	47	46	57	68	69	60	55	60	63	66	50		51.0
HANOVER	MAX	79	80	82	72	81	78	77	78	80	75	78	84	84	76	82	82	64	75	72	78	75	81	74	82	93	87	84	90	90	94		80.2
	MIN	57	59	61	56	60	48	54	63	56	55	58	61	64	56	60	60	49	54	61	60	60	63	63	63	68	67	65	67	72	68		60.3
HARRISBURG 3 S WB AIRPORT	MAX	80	85	75	83	76	78	79	78	72	79	82	83	79	82	82	70	77	73	78	80	83	72	70	94	86	85	92	92	97	87		81.0
	MIN	59	58	59	56	58	46	62	56	54	54	58	65	59	53	63	63	50	56	62	61	60	63	60	63	70	65	67	53	69	69		59.9
HAWLEY	MAX	82	85	77	83	70	74	68	70	69	75	79	80	74	81	77	71	76	78	72	80	78	61	62	92	85	83	75	90	94	87		77.9
	MIN	49	45	48	51	49	37	49	56	50	52	45	58	53	44	60	51	41	43	58	55	46	54	55	59	63	56	61	62	60	63		52.6
HAWLEY 1S WALLEN DAM	MAX		77	79	74	81	64	67	78	71	65	69	74	73	70	76	73	67	70	74	69	79	72	60	69	87	78	82	74	86	89		73.8
	MIN	44	45	42	46	48	36	41	47	44	41	44	47	52	39	43	47	38	38	42	50	43	48	51	51	62	52	54	57	55	59		46.9
HEWITT 2 S	MAX	79	83	74	83	80	73	79	75	71	79	80	75	80	85	74	75	76	75		87		87	85	87	85	87	82	88	91	84		80.7
	MIN	59	57	48	59	50	34	58	56	51	41	44	56	60	60	58	49	46	46		46		56	58	60	62	59	61	62	60	65		54.3
HOLTWOOD	MAX	79	82	72	80	77	77	81	79	72	77	82	82	75	82	82	68	79	72	79	77	82	79	75	93	86	86	88	91	91	88		80.4
	MIN	61	63	61	59	59	50	63	61	59	57	61	66	63	60	65	56	55	62	64	63	61	66	64	66	70	68	70	73	72	70		62.9
HUNTINGDON	MAX	78	81	85	78	84		78	77	76	72	81	93	82	79	82	82	74	78	81	76	79	83	81	85	93	81	84	94	88	97		82.1
	MIN	48	45	49	52	54		46	55	52	50	48	50	62	48	50	58	45	41	53	54	52	54	64	64	62	59	61	64	65	66		54.2
INDIANA 2 SE	MAX	79	84	81	85	74	76	72	70	71	77	81	79	75	80	77	75	74	78	71	77	82	85	88	88	83	86	87	86	89	80		79.7
	MIN	38	42	45	49	48	34	59	51	53	43	45	59	59	43	57	57	39	49	60	54	49	60	62	64	65	65	67	61	63	63		53.4
INDIANA	MAX	79	84	82	85	83	76	76	71	71	77	81	80	75	81	80	75	74	76	75	75	81	85	86	87	83	84	89	88	89	88		80.5
	MIN	44	47	67	53	59	40	60	53	59	47	50	60	58	48	59	58	61	54	60	56	54	65	66	67	65	62	68	67	68	64		58.0
IRWIN	MAX	79	85	82	86	86	78	74	71	72	79	82	84	77	81	81	80	75	79	80	77	84	88	88	88	79	82	92	88	90	90		82.0
	MIN	41	42	52	55	61	39	61	55	53	46	53	62	59	49	60	57	48	52	54	58	55	63	67	69	62	63	65	66	67	65		56.6
JAMESTOWN 2 NW	MAX	68	75	82	80	85	68	70	67	61	71	78	80	79	74	80	76	70	73	74	85	76	75	86	90	86	84	78	87	88	68		77.1
	MIN	39	43	45	44	50	38	54	52	52	41	48	55	54	49	58	50	40	50	54	50	48	59	65	73	62	59	64	66	68	68		53.3
JOHNSTOWN 1	MAX	65	81	86	81	87	77	78	75	75	72	80	84	80	75	85	81	75	78	81	69	77	86	85	93	90	85	87	90	90	94		81.4
	MIN	47	49	50	57	61	41	60	58	55	48	50	60	63	48	61	57	45	54	61	61	54	59	69	69	68	62	65	64	67	66		57.6
LANE 1N	MAX	75	78	80	82	67	74	66	64	64	75	77	75	73	76	74	69	70	72	69	76	77	77	88	83	80	79	84	85	86	77		75.7
	MIN	32	36	35	42	34	28	54	51	51	42	40	49	44	37	51	39	32	37	42	45	39	54	63	65	54	55	56	64	62	56		46.3
LANCASTER 2 NE PUMP STN	MAX	82	82	78	80	78	77	79	82	79	82	82	83	78	81	82	77	78	76	77	77	81	79	71	93	88	85	89	90	93	88		81.6
	MIN	54	50	52	51	56	41	58	57	51	52	50	57	62	51	59	53	45	54	61	60	54	61	59	62	65	61	64	67	66	67		56.7
LAWRENCEVILLE	MAX	80	79	84	86	79	72	69	71	66	73	79	79	77	80	80	72	75	77	74	80	77	71	81	90	82	84	85	87	91	86		78.9
	MIN	41	45	45	52	59	55	38	63	56	53	51	50	53	55	47	59	48	43	44	55	50	49	58	61	65	61	57	63	67	65		53.8
LEBANON	MAX		83	85	76	78	77	78	78	80	73	80	82	85	79	82	82	64	76	76	78	78	82	68	68	94	88	87	92	93	96		80.6
	MIN	58	53	57	55	60	45	53	59	54	53	55	60	63	53	60	60	47	55	62	61	59	63	60	59	64	63	66	69	70	69		58.8
LEWISTOWN	MAX		83	87	79	87	80	81	77	78	74	82	83	83	82	84	83	75	79	77	78	81	85	72	79	94	87	85	92	90	93		82.4
	MIN	51	50	55	54	56	40	48	58	53	51	53	55	62	50	50	60	47	48	57	56	55	60	63	63	64	61	64	67	68	69		56.3
LOCK HAVEN 1	MAX	80	85	87	88	88	81	79	77	79	71	78	82	82	80	83	80	75	78	74	71	83	79	78	77	92	86	83	92	94	96		81.9
	MIN	41	44	45	46	48	37	38	45	49	51	50	59	63	64	66	57	41	50	47	48	51	60	63	62	63	58	61	64	63	67		53.4
MARCUS HOOK	MAX	71	83	86	73	79	82	77	81	86	77	83	88	86	82	81	81	69	79	70	82	81	83	75	73	94	91	91	92	94	97		82.2
	MIN	63	65	61	56	60	53	63	65	61	59	63	67	66	60	64	65	56	63	64	62	63	68	63	62	65	69	70	73	74	74		63.9
MARTINSBURG BLAIR CO AP	MAX	78	80	75	81	72	74	72	72	66	76	78	80	74	80	77	70	73	74	68	76	80	78	84	88	82	81	87	84	87	78		77.5
	MIN	50	50	50	54	50	41	58	51	53	52	53	61	56	47	62	49	45	53	60	57	53	64	63	67	65	61	64	66	66	63		56.1
MAUCH CHUNK 1 SW	MAX	79	83			82		73	75	75	72	78	78	78	79	79		75		75	74	78	78		89	88		74	87	91	84		79.3
	MIN	54	53			48		61	53	46	47	44	57	67	42	66		40		45	56	47	58		60	64		56	64	63	64		54.6

See reference notes followirg Station Index

TABLE 5 — Continued

PENNSYLVANIA

JUNE 1948

DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																														MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MEADVILLE 1 S	MAX	68	75	82	81	86	70	71	66	61	71	77	80	79	75	79	77	70	73	75	78	77	74	85	91	85	83	78	87	89	89		77.7
	MIN	37	41	42	43	58	40	47	53	53	44	47	54	54	49	58	49	42	48	55	50	46	55	62	72	63	59	62	66	68	64		52.7
MERCER 5 NE WB AIRPORT	MAX	74	80	81	82	68	72	69	60	69	75	79	79	71	77	74	68	70	74	74	75	75	83	90	86	82	79	86	86	86	79		76.8
	MIN	40	46	52	47	47	37	55	51	52	41	48	56	53	48	58	50	40	51	55	51	50	60	68	68	63	59	65	65	65	55		53.2
MIDDLETOWN OLMSTED FLD	MAX	80	84	76	82	76	77	78	80	72	79	82	83	76	81	80	68	77	73	78	78	84	73	72	94	87	85	90	92	96	88		80.7
	MIN	60	59	59	55	57	46	63	57	55	55	56	63	64	55	63	53	51	57	64	62	62	63	62	64	70	64	68	71	70	71		60.6
MIDLAND DAM NO 7 LOWER	MAX	78	84	83	84	71	76	70	74	72	78	82	78	75	80	77	73	74	77	70	77	83	89	91	89	84	85	90	90	90	82		80.2
	MIN	44	47	50	53	54	44	61	53	54	51	54	60	57	54	62	56	45	57	59	57	55	64	67	67	64	65	66	68	69	65		57.4
MONTROSE 3 E HIGHWAY SHED	MAX	74	74	84	76	80	61	68	65	70	64	71	75	74	70	75	74	68	71	72	70	74	74	61	65	86	78	80	76	83	88		76.3
	MIN	48	51	51	50	53	40	44	53	48	49	49	55	53	49	52	46	46	47	50	52	54	54	54	55	63	57	59	62	64	64		52.4
MOUNT POCONO 2N WB AP	MAX	75	78	69	78	62	68	67	71	64	69	77	73	67	73	72	65	69	70	70	71	72	64	64	86	78	79	76	84	87	81		72.6
	MIN	50	51	49	49	44	38	50	47	46	48	47	54	47	45	53	43	44	41	55	47	46	54	53	58	59	56	59	62	56	64		50.8
NEWBURG 3 W	MAX	73	78	70	78	72	72	70	70	64	72	76	78	70	74	76	64	70	68	68	72	79	70	74	88	80	80	85	90	86	80		74.9
	MIN	43	48	48	43	50	34	50	42	40	44	44	50	48	44	52	44	38	40	52	50	47	54	52	53	58	54	55	60	56	56		48.3
NEW CASTLE 1 N	MAX	78	85	84	86	72	75	70	68	73	79	83	82	76	81	78	72	74	76	74	80	80	86	92	87	84	83	89	89	95	79		80.3
	MIN	38	43	44	46	51	39	57	52	53	45	50	59	55	51	60	52	42	51	55	51	51	61	68	69	66	65	65	68	69	61		54.6
NEWELL	MAX	78	85	84	86	78	76	75	70	70	77	80	82	79	81	79	79	75	81	80	77	86	90	88	91	87	87	91	92	95	84		82.1
	MIN	50	47	53	55	47	44	64	54	49	50	62	62	49	62	60	60	48	60	64	58	56	63	66	63	66	65	65	68	69	65		58.1
PALMERTON	MAX	82	81	71	78	69	72	71	77	69	74	79	79	74	77	77	68	76	74	75	77	81	62	63	90	85	83	78	87	92	87		76.9
	MIN	58	51	52	55	48	40	55	54	52	51	49	59	53	47	58	52	44	50	62	59	52	59	59	61	67	60	67	68	66	70		55.9
PARK PLACE 1 N WB AP	MAX	75	78	70	73	65	69	70	71	64	70	75	76	69	73	74	67	71	70	70	73	74	63	62	85	79	80	79	81	88	80		73.1
	MIN	52	57	57	54	46	43	51	49	48	48	55	57	56	52	55	52	47	52	56	52	56	54	53	60	64	61	60	66	66	64		54.8
PHILADELPHIA WB AIRPORT	MAX	78	82	70	81	76	78	80	83	73	78	83	85	76	81	81	70	78	70	83	77	84	72	77	95	89	89	89	92	97	90		81.2
	MIN	62	60	53	56	57	48	60	62	59	55	59	63	60	57	60	54	54	60	62	60	60	61	62	65	70	69	68	72	71	71		61.0
PHILADELPHIA POINT BREEZE	MAX	78	82	71	78	75	75	79	81	73	75	81	84	77	80	81	72	77	72	82	78	84	73	78	89	86	88	87	90	96	91		80.4
	MIN	63	64	67	57	63	56	67	64	61	58	61	67	68	62	61	55	55	62	63	60	60	62	62	66	70	74	69	74	74	70		63.5
PHILADELPHIA SHAWMONT	MAX	79	83	82	80	78	76	80	82	80	75	82	85	85	80	82	77	76	77	81	79	83	82	73	94	93	87	88	92	96	97		82.8
	MIN	60	55	56	53	60	43	60	60	55	52	52	64	65	55	61	57	51	57	60	62	58	63	61	63	70	71	67	70	69	72		60.1
PHILADELPHIA WB CITY	MAX	77	82	71	77	75	74	80	80	72	76	82	84	74	80	81	74	78	70	81	77	81	71	73	93	89	88	87	91	95	88		80.0
	MIN	61	64	54	57	62	56	60	64	61	59	61	67	65	58	61	58	57	62	63	60	62	61	61	64	72	69	67	71	74	69		62.7
PHOENIXVILLE 1 E PUMP STA	MAX	84	84	77	80	77	78	81	81	81	82	88	91	85	82	85	82	85	78	86	81	85	85	79	96	90	89	90	93	96	91		84.7
	MIN	50	50	52	55	59	40	60	59	54	50	52	58	64	54	58	58	45	55	62	61	55	63	61	63	68	63	66	68	68	70		58.0
PITTSBURGH 7 SE WB AP	MAX	78	84	80	86	76	76	71	69	72	79	82	78	76	82	78	74	75	76	74	77	84	90	88	90	83	85	89	89	90	82		80.4
	MIN	50	58	57	60	56	51	57	54	53	55	59	61	59	56	62	57	51	56	63	57	58	65	68	65	63	67	68	67	67	64		59.9
PITTSBURGH WB CITY	MAX	80	87	83	87	75	76	74	73	73	80	85	80	76	82	79	75	76	78	74	78	85	90	90	91	86	85	91	92	90	84		81.8
	MIN	52	55	58	67	58	40	64	58	56	53	58	65	59	57	65	60	54	61	32	57	59	67	71	70	67	76	72	71	69	69		61.7
PORT CLINTON	MAX	77	80	81	75	82	72	75	74	79	70	77	80	82	76	83	80	68	75	73	77	77	83	65	65	94	85	86	85	90	94		78.7
	MIN	50	49	50	50	57	39	50	50	48	48	48	52	59	47	50	57	43	45	60	59	50	53	58	59	62	59	62	67	65	67		53.8
PUTNEYVILLE DAM 2 SE	MAX	75	78	83	82			71	68	70	72	70	82	80	75	78	76	75		76	76	78	79	81	89	86	82	100	89	87	89		71.6
	MIN	37	40	42	48	49	43	42	42	42	40	42	47	53	43	47	47	37	42	47	49	45	50	58	63	59	53	55	60	64	59		48.2
QUAKERTOWN	MAX	77	81	77	79	75	72	78	77	75	72	81	81	78	80	78	76	75	76	79	75	82	76	65	90	89	89	84	90	92	93		79.7
	MIN	55	48	49	49	56	40	53	57	50	49	47	56	63	47	54	54	42	49	51	56	52	56	56	59	65	58	61	64	64	67		54.2
READING WB CITY	MAX	83	85	73	83	76	77	79	81	73	80	82	85	77	83	82	70	77	75	77	78	83	70	67	95	88	88	91	93	96	90		81.2
	MIN	59	57	57	56	60	48	60	59	56	57	60	64	61	56	60	56	51	58	63	62	62	61	60	62	72	67	67	69	70	72		60.7
RETREAT FARMS	MAX	78	81	80	79	77	69	72	74	73	73	76	76	74	77	76	74	74	74	72	75	76	70	68	88	81	81	78	85	90	86		76.9
	MIN	52	48	52	50	55	41		46	50	54	48		53	46	57	55	45	47	57	56	48	58	59	63	65	58	64	64	65	66		54.4
RIDGWAY	MAX	76	80	83	83	87	74	78	70	64	72	79	82	79	78	78	78	75	76	75	71	80	75	81	91	88	83	78	89	89	90		79.4
	MIN	39	41	40	49	55	33	40	55	53	48	44	49	55	43	48	47	38	42	50	48	45	49	60	67	61	54	55	63	67	61		50.0
SCRANTON WB CITY	MAX	80	82	77	83	66	69	69	74	66	73	78	78	73	79	78	70	74	76	70	76	74	64	69	90	82	83	78	88	93	85		76.6
	MIN	56	53	55	55	49	45	52	56	53	55	50	61	56	49	61	55	47	49	61	57	51	58	61	65	67	60	67	64	67	69		56.8
SELINSGROVE AIRPORT	MAX	81	86	85	82	81	75	76	77	70	79	78	80	78	80	81	80	76	76	75	79	81	76	71	91	92	84	88	89	93	87		80.9
	MIN	53	48	51	52	60	41	60	57	50	52	52	57	60	47	60	57	43	49	59	60	53	62	61	67	67	59	65	67	66	66		56.7
SHAMOKIN	MAX	64	66	67	64	65		63	66	59	61	60			62	67	62	59	63	64		66	65	65	72	73	68		76	76	77		66.0
	MIN																																
SHIPPENSBURG	MAX	82	86	84	86	78	79	79	80	71	82	83	84	83	83	84	80	79	77	76	80	85	79	83	94	86	87	92	92	95	88		83.2
	MIN	51	53	56	52	53	43	60	58	53	53	52	65	62	50	61	54	46	52	60	59	58	64	61	63	69	62	64	63	70	68		57.8
SOMERSET WATER WORKS	MAX	75	80	78	81	78	74	70	69	67	76	78	80	73	79	78	71	72	75	74	75	83	83	86	85	79	81	85	84	88	76		77.6
	MIN	38	41	43	51	55	32	58	52	51	41	44	59	59	41	55	54	36	47	58	57	47	60	64	65	62	57	59	62	64	63		52.3
SPRINGS 1 SW	MAX	70	75	69	77	69	70	67	66	62	71	75	78	70	75	75	66	69	72	76	71	81	82	82	82	77	79	83	82	87	73		74.4
	MIN	40	42	44	48	52	35	50	50	48	46	44	58	52	41	52	47	38	44	54	50	48	57	62	64	61	58	53	57	59	61		50.3
STATE COLLEGE	MAX	80	83	78	86	75	76	71	72	68	78	81	80	76	79	78	72	74	76	71	77	81	68	81	89	81	81	89	87	91	82		78.7
	MIN	51	52	55	53	56	42	58	52	53	53	54	63	59	50	64	56	45	56	59	58	53	61	63	70	65	61	64	68	69	65		57.6
STROUDSBURG SUBSTATION	MAX		83	87	79	84	73	76	75	80	70	79	80	84	79	80	79	70	77	79	79	82	82	64	65	93	85	85	80	90	88		79.5
	MIN	57	54	52	60	56	56	56	57	54	54	52	61	61	56	58	58	56	59	62	60	57	59	59	60	64	62	63	66	67	68		58.4
SUNBURY AIRPORT 2 N	MAX	81	83	78	82	74	75	74	74	70	79	79	78	77	80	80	72	75	76	75	79	79	69	71	91	85	82	86	88	91	84		78.9
	MIN	55	52	53	55	50	43	60	52	53	52	52	59	55	51	60	51	44	51	60	58	55	62	63	67	65	62	66	68	68	68		57.0
TAMARACK 2 S FIRE TOWER	MAX	74	77	79	77	83	70	73	64	66	65	75	78	73	75	75	76	69	71	68	65	75	71	65	74	85	79	73	85	86	85		74.4
	MIN	47	48	52	54	55	43	43	53	49	49	49	54	53	50	52	48	44	47	51	51	51	54	54	58	61	59	61	62	66	62		52.7
TIONESTA 2 SE DAM	MAX	76	82	84	85	69	82	82	62	69	76	78	83	74	76	74	68	72	75	74	76	76	80	80	84	80	80	85	85	86	78		77.7
	MIN	40	42	45	47	37	42	51	54	53	46	48	47	50	50	49	51	43	43	51	48	50	53	60	68	65	50	50	64	65	64		50.5

See reference notes following Station Index

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

PENNSYLVANIA

JUNE 1948

STATION		DAY OF MONTH																												MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ITUSVILLE 2 S	MAX	74	82	82	84	66	71	66	61	68	75	75	74	71	75	74	70	71	70	70	74	74	80	87	85	79	78	83	84	82	79		75.5
	MIN	36	41	40	42	51	33	55	52	51	43	46	51	53	42	57	46	40	44	55	47	44	57	67	70	62	56	61	64	66	62		51.1
OWANDA	MAX	79	82	79	85	69	73	69	73	66	77	80	80	76	81	80	72	75	78	74	80	79	73	76	91	84	84	81	86	92	86		78.7
	MIN	46	46	47	48	54	38	51	56	48	51	47	59	57	44	62	48	42	43	54	54	45	55	61	63	64	56	63	65	64	68		53.3
UNKHANNOCK 1 S	MAX	80	83	78	85	83	72	71	76		76	80	79	75						78	79	77	66	76	93	84	85	80	81	92	87		79.8
	MIN	50	45	48	48	56	37	50	54	47		45	57	57	45						44	46	54	58	58	66	57	61	63	64	68		78.3
NIONTOWN	MAX	78	83	78	84	76	80	75	74	76	78	84	85	77	82	81	73	74	80	84	72	85	87	90	90	85	86	91	91	92	80		81.7
	MIN	44	47	51	57	62	45	62	56	54	55	55	65	61	51	61	59	46	58	66	58	55	65	68	70	64	67	67	67	69	67		59.1
ARREN	MAX	74	80	84	86	88	77	79	67	64	70	78	82	77	76	80	78	73	75	75	74	79	75	80	93	87	84	83	88	89	90		79.5
	MIN	41	44	42	47	38	40	55	52	52	49	48	52	53	45	56	45	41	44	56	48	46	57	66	68	60	57	62	65	67	57		51.8
AYNESBURG 2 W	MAX	78	84	84	86	83	78	75	72	72	79	83	85	76	81	82	75	76	80	84	77	86	90	88	89	85	86	90	94	91	83		82.4
	MIN	37	42	44	50	53	40	61	53	50	45	48	60	59	52	58	51	41	50	60	55	51	50	60	61	56	61	61	63	61	65		53.3
ELLSBORO	MAX	73	78	78	82	86	68	74	70	68	68	77	80	78	75	80	80	71	75	78	72	80	78	70	75	89	83	84	86	88	91		77.8
	MIN	37	41	41	46	51	33	41	54	49	47	44	50	54	42	44	45	37	40	45	47	42	47	58	60	57	52	54	64	62	64		48.3
ELLSVILLE	MAX	79	82	77	82	80	75	76	78	73	77	82	84	76	79	82	78	76	72	76	75	81	75	75	91	85	83	88	90	93	86		80.2
	MIN	57	50	56	55	56	38	60	56	54	48	50	56	63	50	60	54	44	53	62	61	53	63	60	64	65	60	64	66	65	68		57.0
EST CHESTER	MAX	78	84	70	80	79	77	80	81	76	77	82	85	76	81	81	76	77	69	81	78	84	77	72	94	87	87	90	92	95	89		81.2
	MIN	58	57	56	52	56	45	59	59	54	53	53	60	62	52	57	54	47	57	60	58	56	60	59	62	66	66	67	67	69	69		58.3
ILLIAMSPORT 4E WB AP	MAX	81	85	80	85	73	73	73	73	70	79	80	76	78	80	80	73	76	76	74	80	79	70	71	93	86	80	84	90	95	85		79.3
	MIN	49	50	51	51	49	41	59	54	53	51	50	60	52	47	62	48	43	46	58	55	50	61	62	66	62	58	64	66	67	67		55.1
ILLIAMSTOWN	MAX	80	85	84	80	81	76	76	76	74	77	80	82	79	80	80	78	75	74	74	77	82	79	66	91	87	85	88	91	94	85		80.5
	MIN	57	56	54	51	55	40	52	56	49	47	48	55	62	46	59	55	40	48	51	59	50	61	59	63	66	59	65	67	64	65		55.3
ORK 3 SW PUMP STA	MAX	82	83	85	85	82	79	81	80	82	80	85	85	80	84	86	86	78	81	80	79	85	83	81	96	95	87	91	94	99	93		84.9
	MIN	58	52	57	56	57	42	63	59	54	49	52	59	64	52	63	56	46	54	63	62	55	63	63	64	66	62	66	68	67	67		58.6

See reference notes following Station Index

TABLE 6

PENNSYLVANIA

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

JUNE 1948

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	DEPARTURE FROM NORMAL
CONFLUENCE 1 SW	EVAP.	.094	.224	.204	.080	.111	.229	.110	.110	.186	.042	.164	.180	.211	.146	.184	.190	.116	.174	.136	.148	.082	.200	.126	.142	.198	.154	.138	.218	.234	.226		4.757	
	WIND	19	31	25	17	8	50	27	55	61	25	31	21	40	33	18	24	24	23	28	35	5	31	15	17	50	30	29	8	53	44		877	
FORD CITY 4 S	EVAP.		.264	.312	.172	.212	.220	.130	.086	.152	.138	.202	.141	.143	.222	.150	.154	.254	.224	.258	.054	.181	.170	.093	.188	.229	.223	.050	.228	.248	.191			
	WIND		47	37	22	26	26	33	56	55	44	16	9	26	33	16	27	54	16	27	37	5	23	15	37	45	36	14	134	41	28		585	
HAWLEY 1 S WALLEN DAM	EVAP.	.173	.166	.211	.174	.219	.063	.095	.045	.264	.069	.253	.102	.157	.082	.241	.140	.151	.217	.230	.074	.222	.149	.115	.071	.230	.226	.131	.194	.105	.187		4.756	
	WIND	21	48	32	31	24	120	40	71	105	50	50	68	34	28	118	52	22	50	67	23	26	35	8	19	116	64	17	22	26	64		1451	
JAMESTOWN 2 NW	EVAP.	.184	.205	.272	.237	.156	.174	.112	.075	.022	.172	.163	.098	.094	.229	.184	.214	.227	.204	.152	.166	.221	.100	.190	.316	.186	.205	.082	.289	.249	.270		5.448	
	WIND	74	27	42	29	38	35	11	27	43	27	16	13	32	33	7	31	37	28	19	31	21	26	46	60	37	36	8	37	45	64		955	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	HIGHEST (OR CREST)	DATE	LOWEST	DATE
LEHIGH																																				
LEHIGHTON	9	4.4	4.2	4.0	3.8	3.8	3.7	3.6	4.0	3.8	3.8	3.6	3.4	3.6	3.7	3.5	3.4	3.3	3.2	3.3	4.3	4.1	3.8	3.8	4.0	4.4	4.2	4.0	4.2	4.4	4.3		4.4	1	3.2	18
SCHUYKILL																																				
READING	13	6.2	5.8	5.5	5.3	5.1	5.0	4.8	6.4	5.6	5.1	4.9	4.7	5.0	4.9	4.6	4.7	4.6	4.4	5.0	6.4	6.5	5.6	5.5	5.2	5.1	5.0	5.0	5.1	4.7	4.6		6.5	21	4.4	18
PHILADELPHIA		6.9	6.7	6.6	6.5	6.4	6.3	6.3	6.3	6.6	6.4	6.3	6.3	6.7	6.5	6.4	6.4	6.3	6.3	6.3	7.1	7.2	6.7	6.5	6.5	6.4	6.3	6.3	6.4	6.6	6.3		7.2	21	6.3	6+
DELAWARE																																				
EASTON	22	5.0	4.5	4.1	3.7	3.5	3.1	2.9	3.8	4.0	4.0	3.5	3.3	3.2	3.2	3.2	3.2	2.8	2.5	2.6	3.2	3.9	3.2	3.0	3.2	4.1	4.8	4.8	4.8	5.8	5.2		5.8	29	2.5	16
WEST BRANCH																																				
RENOVO	16	2.2	2.0	1.8	1.7	1.6	1.4	1.3	1.6	1.9	2.0	1.7	1.5	1.4	1.9	2.1	1.7	1.4	1.3	1.4	2.4	5.1	4.2	3.3	2.9	2.7	2.7	2.7	2.2	2.2	2.0		5.1	21	1.3	7+
WILLIAMSPORT	20	3.2	3.0	2.6	2.2	2.3	2.0	1.9	1.9	2.4	2.4	2.3	2.0	1.8	1.8	2.1	2.1	1.8	1.5	1.6	1.9	3.0	4.6	3.4	2.8	2.8	3.0	2.7	2.6	2.5	2.2		4.6	22	1.5	18
PINE CREEK																																				
CEDAR RUN	12	2.9	2.8	2.6	2.6	2.5	2.4	2.4	2.9	2.6	2.4	2.3	2.3	2.3	2.4	2.2	2.2	2.1	2.1	2.1	2.2	2.1	2.0	2.0	2.6	2.5	2.2	2.1	2.6	2.3	2.2		2.9	1+	2.0	22+
JUNIATA																																				
NEWPORT	22	5.8	5.2	4.9	4.8	4.6	4.6	4.2	4.2	4.3	4.2	4.2	4.0	4.0	4.2	4.3	4.0	3.9	4.0	3.9	6.0	8.3	7.1	5.8	5.3	5.0	4.7	4.6	5.8	5.2	4.8		8.3	20	3.9	17
SUSQUEHANNA																																				
TOWANDA	16	3.6	3.2	2.9	2.7	2.5	2.7	2.9	3.9	4.6	4.0	3.7	3.3	3.0	3.0	3.1	2.8	2.5	2.3	2.2	2.0	2.0	1.9	1.8	1.8	2.3	3.0	3.2	3.6	3.0	3.0		4.6	9	1.8	23+
SUNBURY	16	3.3	3.0	2.7	2.5	2.4	2.2	2.1	2.2	2.3	2.9	2.8	2.7	2.4	2.3	2.2	2.2	2.2	2.0	1.9	2.0	2.2	2.7	2.4	2.2	2.2	2.3	2.3	2 5	3.7	2.9		3.7	29	1.9	19
WILKES-BARRE	22	6.2	5.5	5.0	4.6	4.3	4.0	4.2	4.6	5.8	6.4	5.8	5.3	4.9	4.5	4.4	4.5	4.1	3.8	3.8	3.8	3.5	3.3	3.4	3.7	4.0	4.1	4.6	7.3	6.9	5.7		7.3	28	3.3	22
HARRISBURG	17	4.9	4.7	4.5	4.3	4.2	4.1	4.0	4.0	4.0	4.0	4.3	4.2	4.2	4.1	4.0	3.9	3.9	3.9	3.9	4.1	4.6	4.4	4.5	4.2	4.1	4.0	4.1	4.1	4.3	4.7		4.9	1	3.9	17+
CONEMAUGH																																				
SEWARD	18	3.8	3.2	3.0	3.0	3.0	3.0	3.2	3.3	3.4	3.3	3.1	3.1	4.2	3.8	3.5	3.5	3.2	3.0	3.8	7.2	4.9	4.4	4.5	4.0	4.0	4.0	3.9	4.0	3.9	4.2		7.2	20	3.0	3
ALLEGHENY																																				
WARREN	14	3.9	3.7	3.4	3.2	3.0	3.0	2.9	4.0	4.5	4.2	3.8	3.5	3.3	3.2	3.1	2.9	2.8	2.7	2.6	2.6	2.6	2.6	3.1	5.1	5.3	4.8	3.9	3.7	3.8	4.0		5.3	25	2.6	19
FRANKLIN	17	4.8	4.5	4.2	4.1	3.9	3.5		4.2	6.0	6.3	5.5	4.8	4.6	4.3	4.1	4.0	3.8	3.7	3.8	4.0	3.8	3.4	3.4	5.1	6.8	6.0	5.0	4.5	4.3	4.3		6.8	25	3.4	22
PARKERS LANDING	20	3.9	3.5	3.2	3.0	2.9	2.7	2.8	2.9	4.4	5.5	4.7	4.0	4.0	3.5	3.2	3.0	2.8	2.6	2.7	3.2	3.6	3.0	2.9	2.4	5.7	5.4	4.5	3.5	3.7	3.3		5.7	25	2.4	24
LOCK NO 5 SCHENLEY L	24	13.6	13.3	13.0	13.0	12.7	12.6	12.5	12.6	13.1	14.2	14.3	13.7	14.1	14.4	13.8	13.3	13.0	12.8	12.9	16.6	15.6	14.6	14.0	13.6	14.6	15.3	14.6	14.2	13.7	13.7		14.3	26	11.9	7
LOCK NO 5 SCHENLEY U		13.0	12.8	12.6	12.4	12.2	12.1	11.9	12.1	12.7	13.8	13.7	13.2	13.6	13.4	13.0	12.6	12.4	12.2	12.2	13.2	13.4	13.1	12.8	12.5	13.5	14.3	13.7	13.0	12.8	12.8		14.6	26	11.9	7
LOCK NO 8 MOSGROVE L	24	13.0	12.8	12.6	12.4	12.3	12.2	11.9	12.3	12.9	14.2	14.0	13.2	13.3	13.5	13.0	12.6	12.4	12.3	12.3	13.2	13.2	12.9	12.7	12.4	14.4	14.6	13.8	12.8	13.0	12.8		14.6	26	11.9	7
LOCK NO 8 MOSGROVE U		15.9	15.7	15.7	15.5	15.4	15.3	15.1	15.4	15.9	16.2	16.4	16.0	16.3	16.2	15.8	15.6	15.5	15.4	15.4	16.0	16.0	15.8	15.7	15.4	16.7	16.8	16.4	15.8	15.9	15.7		16.8	26	15.1	7
LOCK NO 4 NATRONA L	24	12.4	12.1	11.8	11.6	11.5	11.4	11.3	11.3	11.9	13.2	13.1	12.4	12.7	13.3	12.6	12.1	12.0	11.6	11.6	15.7	14.8	13.5	12.8	12.3	14.0	14.4	13.6	13.2	12.6	12.5		15.7	20	11.3	7
LOCK NO 4 NATRONA U		11.1	10.8	10.7	10.4	10.3	10.3	10.2	10.2	10.7	11.7	11.6	11.1	11.3	11.7	11.2	10.6	10.6	10.4	10.5	13.3	12.6	11.8	11.3	11.0	13.6	12.4	11.9	11.6	11.2	11.1		13.3	20	10.2	7
LOCK NO 3 ACMETONIA L	25	13.4	13.1	12.8	12.6	12.4	12.3	12.3	12.3	12.6	13.9	13.9	13.3	13.4	14.0	13.5	13.0	12.6	12.5	12.5	15.8	15.4	14.3	13.6	13.3	13.5	15.0	14.3	14.0	13.4	13.4		15.8	20	12.3	6
LOCK NO 3 ACMETONIA U		13.9	13.7	13.5	13.4	13.3	13.1	13.1	13.1	13.4	14.3	14.3	13.9	14.0	14.4	14.0	13.6	13.4	13.3	13.3	15.6	15.2	14.5	14.0	13.8	14.1	15.0	14.6	14.4	13.9	13.9		15.6	20	13.1	6
KISKIMINETAS																																				
SALTSBURG	16	2.2	2.0	1.9	1.8	1.7	1.7	1.7	1.7	1.9	2.2	2.0	1.7	2.4	3.3	2.7	2.6	2.2	2.1	1.9	8.3	5.2	4.1	3.5	3.2	3.3	3.2	3.3	3.4	3.0	3.1		8.3	20	1.7	5
VANDERGRIFT		5.5	5.2	4.9	4.7	4.6	4.6	4.6	4.6	5.1	5.3	5.1	4.7	5.9	7.6	6.6	5.9	5.5	5.3	5.1	15.7	11.5	8.9	7.6	7.1	7.3	9.4	7.0	8.1	6.9	7.0		15.7	20	4.6	5
YOUGHIOGHENY																																				
CONFLUENCE	12	2.8	2.2	3.1	3.0	2.6	2.6	2.7	2.9	3.4	3.6	3.3	3.2	3.5	4.0	4.2	4.2	4.6	4.2	3.5	4.3	4.3	3.9	4.3	3.8	3.7	3.4	3.3	3.2	2.6	2.6		4.6	17	2.2	2
SUTERSVILLE	20	4.3	4.2	4.3	4.2	4.0	3.9	4.0	4.0	4.6	5.2	4.7	4.5	5.2	6.0	5.6	5.3	5.4	5.0	5.0	8.5	7.0	5.7	5.6	5.3	5.1	5.0	4.9	4.7	4.5	4.5		8.5	20	3.9	6
CONNELLSVILLE	16	2.9	3.2	3.0	2.9	2.6	2.6	2.7	2.8	3.7	3.9	3.4	3.5	3.6	4.6	4.3	4.1	4.5	4.1	3.5	6.7	5.0	4.2	4.0	4.0	3.7	3.5	3.3	3.2	2.7	2.9		6.7	20	2.6	5
MONONGAHELA																																				
LOCK NO 4 CHARLEROI L	30	11.5	12.7	12.4	12.2	12.0	11.8	11.5	12.5	14.0	14.5	14.1	14.1	12.8	13.3	15.4	14.0	14.1	14.1	13.8	14.9	13.4	13.2	13.0	12.8	13.0	12.8	12.3	11.8	11.6	22.5		22.5	30	11.5	1
LOCK NO 4 CHARLEROI U		15.2	16.1	15.7	15.6	15.5	15.2	14.9	16.0	16.9	17.3	17.0	16.8	16.0	16.8	17.6	16.7	17.0	16.9	16.6	17.4	16.6	16.3	15.9	16.0	16.3	16.0	15.8	14.9	15.2	15.6		17.6	15	14.9	
LOCK NO 7 GREENSBORO L	30	11.6	11.3	11.4	11.2	11.3	11.1	11.1	12.1	13.1	13.3	13.0	12.1	12.2	14.0	13.3	12.2	12.8	13.0	12.4	12.5	12.4	12.1	11.7	11.6	11.7	11.7	11.5	11.5	11.4	11.9		14.0	14	11.0	24
LOCK NO 7 GREENSBORO U		11.7	11.5	11.5	11.4	11.6	11.3	11.6	12.4	13.0	13.0	12.7	12.0	12.4	13.3	12.9	12.3	12.6	12.8	12.4	12.5	12.4	12.1	11.7	11.6	11.7	11.7	11.5	11.5	11.4	11.9		13.3	14	11.3	
MC KEESPORT	20	2.0	2.6	4.8	2.3	2.0	2.0	1.9	2.0	3.0	3.9	3.9	3.3	3.3	3.6	4.6	3.6	3.6	3.6	3.5	5.0	4.0	3.5	3.0	3.0	3.0	3.0	2.9	2.0	2.0	2.0		5.0	20	1.9	
BEAVER																																				
BEAVER FALLS	15	3.9	3.8	3.8	3.8	3.8	3.9	3.8	4.0	4.3	4.2	4.0	3.9	4.7	4.7	4.3	4.1	3.9	3.9	4.1	4.9	4.7	4.5	4.4	4.3	4.4	4.4	4.3	4.2	4.2	4.3		4.9	20	3.8	
OHIO																																				
CORAOPLIS	26	11.0	11.0	10.9	10.8	10.6	10.6	10.4	10.6	11.3	12.0	12.0	11.7	11.8	12.0	12.2	11.6	11.4	11.2	11.2	13.4	12.8	12.0	11.8	11.4	11.5	11.9	11.8	11.5	11.0	11.2		13.4	20	10.4	
PITTSBURGH	25	16.5h	16.7h	16.6h	16.6h	16.6h	16.5h	16.6h	16.7h	16.8h	16.7h	16.5h	16.6h	16.6h	16.7h	16.8h	16.5h	16.7h	16.7h	16.6h	17.4h	16.6h	16.5h	16.5h	16.6h	16.8h	16.7h	16.4h	16.5h	16.5h	16.5h		17.4	20	16.4	2
DAM NO 7 MIDLAND L		10.3	10.5	10.0	10.0	9.8	10.2	9.8	10.2	10.9	11.6	12.2	11.2	12.2	12.0	12.0	11.3	10.7	10.9	11.0	13.0		11.6	12.0	11.3	11.2	12.5	12.7	11.1	10.4	10.6		13.0	20	9.8	
DAM NO 7 MIDLAND U	30	15.5	15.5	15.6	15.6	15.6	15.7	15.5	15.5	15.3	14.9	14.8	15.3	15.0	14.6	15.1	15.1	15.2	15.1	15.4	14.4	14.3	14.7	15.3	15.3	15.4	14.9	15.1	14.9	15.1	15.3		15.7	6	14.3	2

The following reference notes apply only to Table 7 - Daily River Stages:

Readings are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages Principal Rivers of the United States".

a Obstructed by rough ice.
b Frozen but open at gage.
c Upper surface of smooth ice.
d Ice gorge above gage.
e Ice gorge below gage.
f Shore ice.
g Floating ice.
h Pool stage.
i Dry at gage.
j Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION ZONE	TIME OF OBSERVATION TEMP.	TIME OF OBSERVATION PRECIP.	YEARS OF RECORD TEMP	YEARS OF RECORD PRECIP.	YEARS OF RECORD EVAP.	OBSERVER	REFER TO TABLES
ACMETONIA LOCK 3 LOWER	0022	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST		7A		44		U S E P B G	2 3 7
ALBION	0062	ERIE	LAKE ERIE	41 53	80 22	900	EST	7A	7A	4	4		ALBION HIGH SCHOOL	2 3 4 5
ALLENS MILLS	0099	JEFFERSON	ALLEGHENY	41 12	78 54	1590	EST		MID		10		CHARLES H ALLEN	2 3 4
ALLENTOWN WB AIRPORT	0106	LEHIGH	LEHIGH	40 39	75 26	381	EST	MID	MID	10	8		U S WEATHER BUREAU	2 3 4 5
ALLENTOWN GAS CO	0111	LEHIGH	LEHIGH	40 36	75 28	254	EST	7A	7A	27	37		ALLENTOWN-BETH GAS CO	2 3 5
ALTOONA HORSESHOE CURVE	0134	BLAIR	JUNIATA	40 30	78 29	1500	EST	6P	6P	53	64		ALTOONA WATER BUREAU	2 3 5
ARENDTSVILLE	0229	ADAMS	SUSQUEHANNA	39 55	77 18	710	EST	8A	8A	26	26		PA STATE COL EXP STA	2 3 5
AUSTINBURG 2 MI W	0313	TIOGA	CHEMUNG	42 00	77 32	1590	EST		MID		12		U S E BALTO MD	2 3 4
AVOCA WILKES-BARRE SCRANTON AP	0319	LUZERNE	SUSQUEHANNA	41 21	75 43	950	EST	MID	MID	1	1		CIVIL AERO ADM	2 3 5
BAKERSTOWN 4 MI WNW	0355	ALLEGHENY	ALLEGHENY	40 40	80 00	1200	EST	7A	7A	1	1		A H BURKE	2 3
BARNES	0409	WARREN	ALLEGHENY	41 40	79 01	1310	EST		7A		8		U S E P B G	2 3
BEAR GAP	0457	NORTHUMBERLAND	SUSQUEHANNA	40 50	76 30	843	EST		MID		3		ROARING CREEK WTR CO	2 3
BEAVER FALLS	0475	BEAVER	BEAVER	40 46	80 19	760	EST		7A		40		HOWARD J KEMP	2 3 7
BELLEFONTE ROCKVIEW FARM	0530	CENTER	WEST BRANCH	40 52	77 47	1060	EST	8A	8A	20	32		WESTERN STATE PEN'TRY	2 3 5
BERWICK	0611	COLUMBIA	SUSQUEHANNA	41 03	76 14	570	EST	6P	6P	3	3		AMER CAR & FOUNDRY CO	2 3 5
BETHLEHEM RIVER STATION	0629	NORTHAMPTON	LEHIGH	40 37	75 22	390	EST		7A	8	8		BETHLEHEM STEEL CORP	2 3
BETHLEHEM LEHIGH UNIV	0634	NORTHAMPTON	LEHIGH	40 36	75 23	450	EST	MID	MID	47	84		LEHIGH UNIVERSITY	2 3 4 5
BLAIN	0725	PERRY	SUSQUEHANNA	40 20	77 31	720	EST		MID		11		PENNA DEPT F & W	2 3 4
BLAIRSVILLE 6 MI ENE	0736	INDIANA	ALLEGHENY	40 27	79 09	2048	EST	MID	MID	3	12		U S WEATHER BUREAU	2 3 4 5
BLAKESLEE CORNERS	0743	MONROE	LEHIGH	41 06	75 36	1670	EST		MID		11		HAROLD WILDRICK	2 3 4
BLOSERVILLE 1 MI N	0763	CUMBERLAND	SUSQUEHANNA	40 16	77 22	650	EST		5P		36		MRS B M WILLDERS	2 3
BOSWELL	0820	SOMERSET	ALLEGHENY	40 11	79 08	2684	EST		MID		11		FRANK J HOUPT	2 3 4
BRADDOCK LOCK 2	0861	ALLEGHENY	MONONGAHELA	40 24	79 52	725	EST		7A		14		U S E P B G	2 3
BRADFORD CITY HALL	0867	MC KEAN	ALLEGHENY	41 58	78 39	1500	EST		8A	22	1		BRADFORD DIS FLD COM	2 3
BRADFORD 4 MI W RESERVOIR 1	0868	MC KEAN	ALLEGHENY	41 57	78 44	1680	EST	4P	4P		31		BRADFORD WATER DEPT	2 3 5
BREEZEWOOD	0905	BEDFORD	JUNIATA	40 00	78 14	1352	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3
BROOKVILLE AIRPORT	1002	JEFFERSON	ALLEGHENY	41 09	79 06	1407	EST	MID	MID	36	57		CIVIL AERO ADM	2 3 4 5
BRUCETON	1033	ALLEGHENY	OHIO	40 19	79 59	1000	EST		7A		13		RAY WILSON	2 3
BUCKSTOWN	1073	SOMERSET	CONEMAUGH	40 04	78 51	2480	EST		MID		11		RUSSELL L LAMBERT	2 3 4
BUFFALO MILLS	1087	BEDFORD	JUNIATA	39 58	78 39	1318	EST		7A		24		NELLIE R BROWN	2 3
BURGETTSTOWN 3 MI W	1105	WASHINGTON	OHIO	40 23	80 26	980	EST	7A	7A	1	1		LANGLOTH WATER CO	2 3
BURNT CABINS 2 MI NE	1115	HUNTINGDON	JUNIATA	40 05	77 52	990	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3 5
BUTLER	1130	BUTLER	BEAVER	40 52	79 54	1100	EST	4P	4P	25	35		BUTLER EAGLE	2 3 5
BUTLER SUBSTATION	1135	BUTLER	BEAVER	40 51	79 53	1140	EST		MID		11		WEST PENN POWER CO	2 3 4
CAMP HILL	1198	CUMBERLAND	SUSQUEHANNA	40 15	76 56	461	EST		8A		3		JOSEPH N HOBART	2 3
CANTON 1 MI NW	1215	BRADFORD	SUSQUEHANNA	41 40	76 52	1450	EST	8A	8A	5	9		MILDRED L SPENCER	2 3 4 5
CARLISLE	1234	CARLISLE	SUSQUEHANNA	40 12	77 11	473	EST	6P	6P	80	60		PROF CHAS E MILLER	2 3 5
CARROLLTOWN	1255	CAMBRIA	WEST BRANCH	40 36	78 42	2165	EST		7A		5		NED R WESTRICK	2 3
CARTER CAMP	1262	POTTER	WEST BRANCH	41 38	77 45		EST		MID		10		IRVING E GRESSEL	2 3 4
CEDAR RUN	1301	LYCOMING	WEST BRANCH	41 31	77 28	800	EST		7A		30		CHARLES R NIVISON	2 3 7
CADDS FORD	1342	DELAWARE	DELAWARE	39 52	75 35	180	EST		8A		3		HERBERT W GUEST	2 3
CHAMBERSBURG	1354	FRANKLIN	POTOMAC	39 56	77 39	640	EST	8P	10P	48	53		CHARLES A BENDER	2 3 4 5
CHARLEROI	1372	WASHINGTON	MONONGAHELA	40 08	79 55	1040	EST		MID		11		WEST PENN POWER CO	2 3 4
CHARLEROI LOCK 4	1377	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST		7A		63		U S E P B G	2 3 7
CLARION 3 MI SW	1485	CLARION	ALLEGHENY	41 12	79 26	1114	EST	8P	7A	6	41		PA ELECTRIC CO	2 3 4 5
CLAUSSVILLE	1505	LEHIGH	LEHIGH	40 37	75 39	670	EST		9A		3		VERNA A DOTTERER	2 3
CLAYSVILLE	1512	WASHINGTON	OHIO	40 07	80 25	1170	EST	7P	7P	45	45		WALTER B PAGET	2 3 5
CLEARFIELD	1519	CLEARFIELD	WEST BRANCH	41 01	78 27	1140	EST		7A	32	40		WILLIAM H WITHEROW	2 3
COALDALE GREENWOOD RESERVOIR	1572	SCHUYLKILL	SCHUYLKILL	40 50	75 56	1026	EST		7A		26		PANTHER VALLEY WTR CO	2 3
COALPORT	1581	CLEARFIELD	WEST BRANCH	40 45	78 32	1480	EST		7A		4		ADAM I NEFF	2 3 4 5
COATESVILLE 1 MI SW	1589	CHESTER	DELAWARE	39 58	75 50	342	EST	8A	8A	61	61		PHILA ELECTRIC CO	2 3 4 5
COATESVILLE	1594	CHESTER	DELAWARE	39 59	75 48	431	EST		7A		2		EDWARD O BEIDEMAN	2 3
COLUMBIA	1675	LANCASTER	SUSQUEHANNA	40 02	76 30	300	EST	ss	ss	6	6		JAMES H RUST	2 3 5
CONFLUENCE 1 MI SW	1705	SOMERSET	YOUGHIOGHENY	39 48	79 22	1490	EST	8A	8A	3	3	3	U S E P B G	2 3 4 6
CONFLUENCE 1 MI NW	1710	SOMERSET	YOUGHIOGHENY	39 50	79 22	1331	EST		7A		74		JOHN L REID	2 3 7
CONNELLSVILLE	1723	FAYETTE	MONONGAHELA	40 01	79 36	990	EST		7A		10		EMERY C STEWART	2 3 7
CONNELLSVILLE 4 MI N	1728	FAYETTE	MONONGAHELA	40 04	79 34	1145	EST		MID		11		GEORGE BAER	2 3 4
CONSHOHOCKEN	1737	MONTGOMERY	DELAWARE	40 04	75 19	70	EST		8A		25		PHILA ELECTRIC CO	2 3
CRAOPOLIS DAM 2	1773	ALLEGHENY	OHIO	40 31	80 10	720	EST		7A		40		U S E P B G	2 3 7
CURRY	1790	ERIE	ALLEGHENY	41 55	79 38	1427	EST	6P	6P	33	33		GEORGE P MULDERICK	2 3 5
CUDDERSPORT	1804	POTTER	ALLEGHENY	41 46	78 01	1653	EST	5P	5P	18	23		POTTER ENTERPRISE	2 3 5
CUDDERSPORT 8 MI E	1809	POTTER	ALLEGHENY	41 46	77 53	2425	EST		8A		2		ROBERT B KEITH	2 3
DAVINGTON	1832	TIOGA	SUSQUEHANNA	41 45	77 05	1193	EST		7A		10		GROVER D CLEVELAND	2 3
DEEKSIDE	1881	INDIANA	ALLEGHENY	40 41	79 12	1035	EST		7A		8		U S E P B G	2 3
DESSON 1 MI E SUMMIT	1894	CAMBRIA	WEST BRANCH	40 28	78 34	2300	EST		MID		11		PENNA EDISON CO	2 3
DOWNSVILLE 6 MI NW AIRPORT	1966	CLEARFIELD	WEST BRANCH	41 03	78 35	2215	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4 5
DUSTER CITY 2 MI W SONGBIRD	1978	MC KEAN	ALLEGHENY	41 55	78 41	2120	EST		8A		1		BRADFORD DIS FLD COM	2 3
DUVILLE	2013	MONTOUR	SUSQUEHANNA	40 58	76 37	460	EST		7A		8		JAMES A BRYAN	2 3
DAUPHIN 3 MI N	2029	DAUPHIN	SUSQUEHANNA	40 25	76 56	1300	EST		7A		8		JOHN HEPFORD	2 3
DURRY	2108	WESTMORELAND	CONEMAUGH	40 20	79 18	1150	EST	6P	6P	51	51		MRS N D WINEMAN	2 3 5
EDGMANS FERRY	2160	PIKE	DELAWARE	41 13	74 52	360	EST		7A		11		A JORGENSON	2 3 4
EGAL	2183	WESTMORELAND	CONEMAUGH	40 06	79 23	1746	EST	MID	MID	5	5		PENNA TURNPIKE COMM	2 3 5
ORA	2190	WASHINGTON	MONONGAHELA	40 11	79 51	761	EST	MID	MID	22	22		DONORA ZINC WORKS	2 3 5
LSTOWN	2221	BUCKS	DELAWARE	40 18	75 08	370	EST		5P		58		GEORGE HART	2 3
FTWOOD	2245	CAMERON	WEST BRANCH	41 20	78 08	820	EST		MID		11		SIDNEY KENNEDY	2 3 4
BOIS 7 MI E	2265	CLEARFIELD	WEST BRANCH	41 06	78 38	1670	EST		7A		11		CITY OF DU BOIS	2 3 4
LO	2298	CAMBRIA	CONEMAUGH	40 17	78 44	2440	EST		MII		11		MRS D L WHITE	2 3 4
HORE	2323	SULLIVAN	WEST BRANCH	41 32	76 24		EST		MII		11		KENNETH MOSIER	2 3 4
LES MERE	2343	SULLIVAN	SUSQUEHANNA	41 24	76 35	2020	EST	7A	7A	6	12		CARL E BIGGER	2 3 4 5
TON	2423	NORTHAMPTON	DELAWARE	40 42	75 12									7
T WATERFORD 3 MI E	2459	PERRY	JUNIATA	40 21	77 33	2125	EST	8P	7A	5	12		U S WEATHER BUREAU	2 3 5
NSBURG	2466	CAMBRIA	CONEMAUGH	40 29	78 44	2170	EST	8A	8A	31	31		JOHN L MC GOUGH	2 3 5
ZABETHTOWN	2560	LANCASTER	SUSQUEHANNA	40 08	76 37	460	EST		8A		3		MASONIC HOME	2 3
ORIUM	2633	CAMERON	WEST BRANCH	41 30	78 13	1100	EST	8A	8A	60	60		RUSSEL E PALMETEER	2 3 4 5
LISH CENTER	2644	LYCOMING	WEST BRANCH	41 26	77 17	881	EST		MID		9		WILLIAM SUDERS	2 3 4

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
EPHRATA	2662	LANCASTER	SUSQUEHANNA	40 10	76 10	470	EST	8A	6P	46	55		WM W HALLIGAN	2 3 5
EQUINUNK	2669	WAYNE	DELAWARE	41 51	75 13	920	EST		7A		3		ROSE H NEILSON	2 3
ERIE WB CITY	2677	ERIE	LAKE ERIE	42 07	80 05	655	EST	MID	MID	74	74		U S WEATHER BUREAU	2 3 4 5
ERIE AIRPORT	2682	ERIE	LAKE ERIE	42 05	80 12	732	EST	MID	MID	4	4		C A A	2 3 4
EVERETT	2721	BEDFORD	JUNIATA	40 00	78 23	1020	EST	MID	7A	28	28		PENNA TURNPIKE COMM	2 3 4 5
FARRELL SHARON	2814	MERCER	BEAVER	41 14	80 30	855	EST	5P	8A	36	37		CARNEGIE ILL STL CORP	2 3 5
FORD CITY 4 MI S	2942	ARMSTRONG	ALLEGHENY	40 43	79 30	950	EST	8A	8A	5	5	3	U S E P B G	2 3 4 5 6
FRANKLIN	3028	VENANGO	ALLEGHENY	41 23	79 49	987	EST	7A	7A	54	75		WM K FULLER	2 3 4 5 7
FREDERICKSVILLE 1 MI SE	3047	BERKS	SCHUYLKILL	40 27	75 41	800	EST	SS	8A	6	11		HENRY H ROHRBACK	2 3 5
FREELAND	3056	LUZERNE	SUSQUEHANNA	41 01	75 54	1970	EST	6P	8A	54	34		ANDREW B EVANSHA	2 3 5
GALETON	3130	POTTER	WEST BRANCH	41 44	77 39	1330	EST		6P		18		W GALE LUSH	2 3
GEIGERTOWN	3189	BERKS	SCHUYLKILL	40 12	75 50	380	EST		8A		3		WALTER C WOLF	2 3
GEORGE SCHOOL	3200	BUCKS	DELAWARE	40 13	74 56	160	EST	7P	7P	42	42		GEO M HART	2 3 5
GETTYSBURG	3218	ADAMS	POTOMAC	39 50	77 14	500	EST	8A	8A	72	74		HUGH C MC ILHENNY	2 3 5
GETTYSBURG 1 MI S	3223	ADAMS	POTOMAC	39 48	77 14	570	EST		MID		11		NATL MILITARY PARK	2 3 4
GIFFORD	3237	MC KEAN	ALLEGHENY	41 51	78 36	2220	EST		8A		1		BRADFORD DIS FLD COM	2 3
GLENCOE	3298	SOMERSET	POTOMAC	39 49	78 51	2620	EST		8A		11		C E SANDERS	2 3 4
GLEN ROCK	3330	YORK	SUSQUEHANNA	39 48	76 44	620	EST		MID		7		MRS E C MC WILLIAMS	2 3 4
GLEN WILLARD DASHIELDS DAM	3343	ALLEGHENY	OHIO	40 33	80 14	1025	EST		7A		4		WM H MC CONNELL	2 3
GOOD SPRINGS 1 MI NW	3372	SCHUYLKILL	SUSQUEHANNA	40 38	76 30	1500	EST		MID		11		PA POWER & LIGHT CO	2 3 4
GORDON	3379	SCHUYLKILL	SUSQUEHANNA	40 45	76 20	900	EST	5P	5P	45	45		MRS S M JOHNSON	2 3 5
GOULDSBORO	3394	WAYNE	LEHIGH	41 15	75 27	1850	EST		7A	17	33		L H ELLENBERGER	2 3
GRANTVILLE 2 MI SW	3422	DAUPHIN	SUSQUEHANNA	40 22	76 41	520	EST		SS		11		EDW N RHOADS	2 3
GRATERFORD	3435	MONTGOMERY	SCHUYLKILL	40 14	75 27	160	EST		7A		33		CLAUDE K KULP	2 3
GREENSBORO LOCK NO 7	3503	GREENE	MONONGAHELA	39 47	79 55	808	EST		7A		67		U S E P B G	2 3 7
GREENSBURG 2 MI S FILTER STA	3510	WESTMORELAND	MONONGAHELA	40 16	79 33	977	EST	6P	6P	41	41		WESTMORELAND WATER CO	2 3 5
GREENSBURG 2 MI E HWY SHED	3515	WESTMORELAND	MONONGAHELA	40 18	79 30	1225	EST		MID		10		PENNA DEPT HIGHWAYS	2 3 4
GREENSBURG 3 MI SE UNITY RES	3516	WESTMORELAND	MONONGAHELA	40 17	79 30	1245	EST		6P	35	40		WESTMORELAND WATER CO	2 3
GREENVILLE	3526	MERCER	BEAVER	41 25	80 23	930	EST	6P	6P	50	50		C EARL MILLER	2 3 5
HANOVER	3662	YORK	SUSQUEHANNA	39 48	76 59	600	EST	8A	8A	45	45		HANOVER EVENING SUN	2 3 5
HARRISBURG 3 MI S WB AP	3699	YORK	SUSQUEHANNA	40 13	76 51	335	EST	MID	MID	60	60		U S WEATHER BUREAU	2 3 4 5 7
HARRISBURG NORTH	3704	DAUPHIN	SUSQUEHANNA	40 16	76 53	350	EST		9A		31		GEO S BEAL	2 3
HAWLEY	3758	WAYNE	DELAWARE	41 29	75 10	980	EST	8P	8A	30	39		MRS D M PENNELL	2 3 5
HAWLEY 1 MI S WALLEN DAM	3859	WAYNE	DELAWARE	41 28	75 11	1180	EST	8A	8A	13	17	13	PA POWER & LIGHT CO	2 3 4 5 6
HEWITT 2 MI S	3897	BEDFORD	POTOMAC	39 44	78 32	840	EST	SS	SS	4	5		MISS M E ROLAND	2 3 4 5
HOLLIDAYSBURG	4001	BLAIR	JUNIATA	40 26	78 24	1000	EST		MID		11		JOHN M RINGLER	2 3 4
HOLLISTERVILLE	4008	WAYNE	DELAWARE	41 23	75 26	1360	EST		8A		21		PA POWER & LIGHT CO	2 3
HOLTWOOD	4019	LANCASTER	SUSQUEHANNA	39 50	76 20	200	EST	MID	8A	29	34		PA WATER & POWER CO	2 3 4 5
HOME	4027	INDIANA	ALLEGHENY	40 45	79 06	1260	EST		MID		11		H J MC ELHOES	2 3 4
HONESDALE 4 MI NW	4043	WAYNE	DELAWARE	41 37	75 19	1445	EST		9A		3		GEO C WILLIAMS	2 3
HONESDALE 6 MI N TANNERS FLS	4044	WAYNE	DELAWARE	41 39	75 17	1100	EST		MID		7		LESLIE E WALTER	2 3 4
HOOVERSVILLE	4058	SOMERSET	CONEMAUGH	40 10	78 53	1660	EST		7A		10		PENNA ELECTRIC CO	2 3
HOP BOTTOM 2 MI S	4066	SUSQUEHANNA	SUSQUEHANNA	41 43	75 43		EST		7A		4		JOSEPH J SANAUSKAS	2 3
HUNTINGDON	4159	HUNTINGDON	SUSQUEHANNA	40 29	78 01	620	EST	8A	8A	61	61		HUNTINGDON BROADTOP RR	2 3 5
HUNTSDALE	4166	CUMBERLAND	SUSQUEHANNA	40 06	77 19	620	EST		7A		8		T J DINGLE	2 3 4
HYNDMAN	4190	BEDFORD	POTOMAC	39 49	78 43	900	EST		7A		36		W J EMERICK	2 3
INDIANA 2 MI SE	4214	INDIANA	CONEMAUGH	40 36	79 07	1102	EST	6P	6P	46	49		CLYMER WATER CO	2 3 4 5
INDIANA	4219	INDIANA	CONEMAUGH	40 37	79 10	1300	EST	5P	5P	10	10		STATE TEACHERS COLL	2 3 5
IRWIN	4276	WESTMORELAND	MONONGAHELA	40 20	79 42	1090	EST	5P	5P	46	52		WESTMORELAND WATER CO	2 3 5
JACKSON SUMMIT	4304	TIOGA	SUSQUEHANNA	41 57	77 01	1700	EST		MID		12		ARCHIE LAIN	2 3 4
JAMESTOWN 2 MI NW	4325	MERCER	BEAVER	41 30	80 28	1050	EST	8A	8A	7	9	7	PA DEPT FRST & WTRS	2 3 4 5
JOHNSTOWN 1	4385	CAMBRIA	CONEMAUGH	40 20	78 55	1214	EST	9A	9A	55	67		JOHNSTOWN TRIBUNE	2 3 5
JOHNSTOWN 2	4390	CAMBRIA	CONEMAUGH	40 19	78 55	1130	EST		MID		10		CITY OF JOHNSTOWN	2 3 4
JUNIATA HOUSE	4425	HUNTINGDON	JUNIATA	40 22	77 49	560	EST		8P		3		J EARL MC VEY	2 3
KANE 1 MI N	4432	MC KEAN	ALLEGHENY	41 41	78 48	1750	EST	MID	MID	5	33		SPRING WATER CO	2 3 5
KANE 5 MI SE	4437	ELK	ALLEGHENY	41 36	78 46	2010	EST		MID		7		U S FOREST SERVICE	2 3 4
KARTHAUS	4450	CLEARFIELD	WEST BRANCH	41 07	78 07	860	EST		7A		8		MRS E M SHULTZ	2 3
KIRKWOOD 1 MI SW	4597	LANCASTER	SUSQUEHANNA	39 51	76 05	430	EST		MID		8		SOIL CONSERV SERVICE	2 3 4
KREGAR 4 MI SE	4667	WESTMORELAND	YOUGHIOGHENY	40 06	79 14	2470	EST		MID		7		PENNA TURNPIKE COMM	2 3
KRESGEVILLE 3 MI W	4672	CARBON	LEHIGH	40 54	75 34	825	EST		8A		6		CITY OF BETHLEHEM	2 3
LAFAYETTE MC KEAN PARK	4706	MC KEAN	ALLEGHENY	41 48	78 40	2130	EST		8A		1		BRADFORD DIS FLD COM	2 3
LAKEVILLE 1 MI N	4733	WAYNE	DELAWARE	41 27	75 16	1480	EST		8A		21		MRS REVEL JENKINS	2 3
LAMPETER SCS 1A	4750	LANCASTER	SUSQUEHANNA	39 59	76 14	405	EST		MID		8		SOIL CONSERV SERVICE	2 3 4
LANCASTER 2 NE PUMP STATION	4758	LANCASTER	SUSQUEHANNA	40 03	76 17	255	EST	5P	5P	47	61		LANCASTER WATER BUR	2 3 5
LANCASTER 2 NE FILTER PLANT	4763	LANCASTER	SUSQUEHANNA	40 03	76 17	270	EST		MID		11		LANCASTER WATER BUR	2 3
LANCASTER 3 MI NE EXP FARM	4768	LANCASTER	SUSQUEHANNA	40 04	76 17	360	EST	8A	8A	3	3		DR ORMAN E STREET	2 3
LANSFORD	4804	CARBON	SCHUYLKILL	40 50	75 53	1030	EST		8A		43		LEHIGH NAVIG COAL CO	2 3
LANSFORD FOREMANS SHOP	4809	CARBON	SCHUYLKILL	40 50	75 53	1040	EST		7A		15		PANTHER VALLEY WTR CO	2 3
LATROBE	4832	WESTMORELAND	CONEMAUGH	40 19	79 23	1030	EST		7A		6		WEST PENN POWER CO	2 3
LAURELTON 2 MI N STATE VILL	4853	UNION	SUSQUEHANNA	40 54	77 13	880	EST		MID		8		PENNA DEPT OF WELFARE	2 3 4
LAWRENCEVILLE	4873	TIOGA	SUSQUEHANNA	42 00	77 08	996	EST	6P	6P	51	51		CARLOS P DARLING	2 3 5
LEBANON	4891	LEBANON	SUSQUEHANNA	40 20	76 26	469	EST	8A	8A	60	65		LEBANON VALLEY GAS CO	2 3 5
LEBANON 3 MI SW	4896	LEBANON	SUSQUEHANNA	40 19	76 28	490	EST		MID		11		LEBANON COUNTRY CLUB	2 3 4
LECONTES MILLS 5 NW	4904	CLEARFIELD	WEST BRANCH	41 09	78 20	2320	EST		7A		8		PA DEPT FRST & WTRS	2 3
LEHIGHTON	4934	CARBON	LEHIGH	40 50	75 43	580	EST		7A		14		GOODWIN DE FREHN	2 3 4
LE ROY	4972	BRADFORD	SUSQUEHANNA	41 40	76 43		EST		6P		12		DIMMIS M BAILEY	2 3
LEWIS RUN 3 MI S	4984	MC KEAN	ALLEGHENY	41 50	78 39	1700	EST		7A		1		BRADFORD DIS FLD COM	2 3
LEWISTOWN	4992	MIFFLIN	JUNIATA	40 35	77 35	480	EST	7A	7A	10	10		AMERICAN VISCOSE CO	2 3 4
LINESVILLE 6 MI NW PENN LINE	5050	CRAWFORD	BEAVER	41 42	80 31	1015	EST		8A		31		MRS R M CRUMB	2 3
LOCK HAVEN 1	5104	CLINTON	WEST BRANCH	41 08	77 28	680	EST	7A	7A	57	57		SAMUEL C DICKEY JR	2 3 5
LOCK HAVEN 2	5109	CLINTON	WEST BRANCH	41 08	77 27	620	EST		MID		11		HUGH F PARKER	2 3 4
LONG POND	5160	MONROE	LEHIGH	41 03	75 30	1860	EST		8A		2		THOMAS MECKES	2 3
LYCIPPUS 1 MI E	5259	WESTMORELAND	YOUGHIOGHENY	40 14	79 24	1380	EST		5P	53	57		WESTMORELAND WATER CO	2 3
MAPLE GLEN	5368	MONTGOMERY	DELAWARE	40 11	75 11	370	EST		8A		3		L F SCHEIBNER JR	2 3
MAPLETON DEPOT	5381	HUNTINGDON	JUNIATA	40 24	77 56	580	EST		7A		10		MRS I S BUCHANAN	2 3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP	YEARS OF RECORD: PRECIP	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
RCUS HOOK	5390	DELAWARE	DELAWARE	39 48	75 25	12	EST	8A	8A	22	22		SUN OIL CO	2 3 5
RIENVILLE	5400	FOREST	ALLEGHENY	41 28	79 07	1780	EST		MID		9		U S FOREST SERVICE	2 3 4
RION CENTER 2 MI SE	5408	INDIANA	CONEMAUGH	40 45	79 02	1610	EST		7A		6		U S E P B G	2 3
RSHBURG	5435	MC KEAN	ALLEGHENY	41 51	78 46	2120	EST		8A		1		BRADFORD DIS FLD COMM	2 3
RTINSBURG	5453	BLAIR	JUNIATA	40 18	78 20	1360	EST		MID		11		BLUE MT CANNERIES	2 3 4
RTINSBURG BLAIR CO AIRPORT	5454	BLAIR	JUNIATA	40 19	78 19	1460	EST	MID	MID	6	6		C A A	2 3 4 5
TAMORAS	5470	PIKE	DELAWARE	41 22	74 42	455	EST		8A		44		HARRY BISLAND	2 3
UCH CHUNK 1 MI SW	5479	CARBON	LEHIGH	40 51	75 46	800	EST	4P	4P	56	56		HENRY S HAAK	2 3 5
YBURG	5490	FOREST	ALLEGHENY	41 36	79 13	1150	EST		7A		3		OPAL LITTLEFIELD	2 3
CONNELLSBURG	5526	FULTON	POTOMAC	39 56	78 00	910	EST		7A		16		RUTH L ROETTGER	2 3
CONNELLSTOWN 4 MI NW	5534	HUNTINGDON	JUNIATA	40 30	78 08	2340	EST		7A		8		PA DEPT FRST & WTRS	2 3
CORMICK	5541	INDIANA	ALLEGHENY	40 50	79 07	1180	EST		7A		8		U S E P B G	2 3
KEESPORT	5573	ALLEGHENY	ALLEGHENY	40 21	79 52	800	EST		7A		20		NATL TUBE CO	2 3 7
ADVILLE 1 MI S	5606	CRAWFORD	ALLEGHENY	41 37	80 10	1065	EST	8A	8A	54	55		CITY OF MEADVILLE	2 3 4 5
DIX RUN	5627	ELK	WEST BRANCH	41 17	78 23	1125	EST		MID		7		MRS E M SNYDER	2 3 4
RCER 5 MI NE WB AIRPORT	5649	MERCER	BEAVER	41 17	80 12	1296	EST	MID	MID	9	9		U S WEATHER BUREAU	2 3 4 5
RCER HIGHWAY SHED	5654	MERCER	BEAVER	41 14	80 15	1240	EST		MID		9		PENNA DEPT HIGHWAYS	2 3 4
RCKERSBURG	5662	FRANKLIN	POTOMAC	39 50	77 54	605	EST		8A				ROLLIN P GILBERT	2 3
YERSDALE	5684	SOMERSET	YOUGHIOGHENY	39 49	79 02	1980	EST		8A		10		LOUIS M WELD	2 3
DDLETOWN OLMSTED FIELD	5703	DAUPHIN	SUSQUEHANNA	40 11	76 46	303	EST	MID	MID	18	18		U S AIR FORCE	2 3 5
DLAND DAM NO 7	5710	BEAVER	OHIO	40 38	80 28	780	EST	11P	7A	11	12		PERRY P CAMPBELL	2 3 5 7
LAN	5731	BRADFORD	SUSQUEHANNA	41 55	76 32	820	EST		MID		11		W S ROBERTS	2 3 4
LANVILLE	5738	WAYNE	DELAWARE	41 40	75 04	750	EST		8A		3		CHAS W DAVIS	2 3
LLERSBURG 2 MI E	5775	DAUPHIN	SUSQUEHANNA	40 32	76 56	545	EST		MID		11		WM H NOVINGER	2 3 4
LLVILLE	5816	COLUMBIA	SUSQUEHANNA	41 08	76 32	820	EST		MID		11		RUSSELL SHEPLEY	2 3 4
LROY	5825	MIFFLIN	JUNIATA	40 43	77 35	770	EST		8A		6		DAVID S NACE	2 3
NROE FURNACE	5884	HUNTINGDON	JUNIATA	40 42	77 54	1200	EST		MID		7		PENNA STATE COLLEGE	2 3 4
NROETON 2 MI S	5889	BRADFORD	SUSQUEHANNA	41 42	76 28	2200	EST		7A		8		PA DEPT FRST & WATERS	2 3
NTROSE 3 MI E HIGHWAY SHED	5915	SUSQUEHANNA	SUSQUEHANNA	41 50	75 49	1175	EST	8A	8A	43	43		HARRY S FANCHER	2 3 5
NTROSE	5920	SUSQUEHANNA	SUSQUEHANNA	41 50	75 52		EST		MID		11		CONSUMERS WATER CO	2 3 4
SGROVE L 8	5987	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST		7A		24		U S E P B G	2 3 7
UNT POCONO 2 MI N WB AP	6055	MONROE	DELAWARE	41 08	75 22	1914	EST	MID	MID	41	43		U S WEATHER BUREAU	2 3 4 5
UNT UNION 1 MI NW	6067	MIFFLIN	JUNIATA	40 24	77 53	800	EST		MID		11		MT UNION WATER WORKS	2 3 4
NEYSVILLE	6111	WESTMORELAND	MONONGAHELA	40 26	79 42	903	EST		MID		8		WM MC WILLIAMS	2 3 4
NSTOWN	6126	LEBANON	SCHUYLKILL	40 23	76 18	520	EST		8A		8		JOHN W WANDELL	2 3
NTRONA LOCK NO 4	6151	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST		7A		21		U S E P B G	2 3 7
NTZ MILLS 4 NE	6174	HUNTINGDON	JUNIATA	40 40	77 55	960	EST	8A	8A	8	8	8	PENNA STATE COLLEGE	2 3 4 5
NTZHAMINY FALLS	6194	BUCKS	DELAWARE	40 09	74 57	40	EST		5P	27	33		PHILA SUB WATER CO	2 3
NTZBURG 3 MI W	6225	FRANKLIN	SUSQUEHANNA	40 09	77 37	745	EST	MID	MID	7	7		PENNA TURNPIKE COMM	2 3 5
W CASTLE 1 MI N PUMP STA	6233	LAWRENCE	BEAVER	41 01	80 22	900	EST	11P	11P	65	62		NEW CASTLE WATER CO	2 3 4 5
NTZELL	6246	FAYETTE	MONONGAHELA	40 05	79 53	800	EST	MID	NOON	35	27		GENERAL CHEMICAL CO	2 3 5
NTZ PARK	6289	YORK	SUSQUEHANNA	39 44	76 31	780	EST		6P		24		CLINTON J ALLEN	2 3
NTZPORT	6297	PERRY	JUNIATA	40 29	77 08	400	EST	7A	7A	1	18		MRS FRANCES FRY	2 3 7
W TRIPOLI	6326	LEHIGH	LEHIGH	40 42	75 46	580	EST		6P		10		FRED C OSWALD	2 3
RISTOWN	6370	MONTGOMERY	SCHUYLKILL	40 07	75 20	48	EST		8A				GEORGE H BOONE	2 3
ELL 3 MI N	6621	BRADFORD	SUSQUEHANNA	41 55	76 16	1620	EST		6P		5		WM I BROWN	2 3
M	6681	MONTGOMERY	SCHUYLKILL	40 26	75 32	380	EST		8A		7		FRED C ESCHBACK	2 3
MERTON	6689	CARBON	LEHIGH	40 48	75 37	435	EST	MID	MID	31	32		NEW JERSEY ZINC CO	2 3 4 5
KERS LANDING	6719	ARMSTRONG	ALLEGHENY	41 06	79 40	1100	EST		7A		64		JANNETTE E SCHULTZ	2 3 7
KERS LANDING 1 MI E	6724	CLARION	ALLEGHENY	41 06	79 41	870	EST		MID		10		PAUL M NEELY	2 3 4
K PLACE 1 NW WB AIRPORT	6734	SCHUYLKILL	SCHUYLKILL	40 51	76 06	1952	EST	MID	MID	5	5		U S WEATHER BUREAU	2 3 4 5
PACK	6762	PIKE	DELAWARE	41 24	75 12	1523	EST		8A		32		MISS L VETTERLINE	2 3
KS POND	6786	PIKE	DELAWARE	41 17	75 05	1380	EST		8A		3		CARRIE NESS	2 3
LADELPHIA FRANKLIN INST	6884	PHILADELPHIA	DELAWARE	39 58	75 10	100	EST	10A	10A	7	7		FRANKLIN INSTITUTE	7
LADELPHIA WB AIRPORT	6889	PHILADELPHIA	DELAWARE	39 53	75 14	20	EST	MID	MID	7	7		U S WEATHER BUREAU	2 3 4 5
LADELPHIA POINT BREEZE	6899	PHILADELPHIA	DELAWARE	39 55	75 12	85	EST	MID	MID	24	24		ATLANTIC REFINING	2 3 4 5
LADELPHIA SHAWMONT	6904	PHILADELPHIA	DELAWARE	40 02	75 15	70	EST	7P	7P	32	53		SCHUYLKILL NAVIG CO	2 3 5
LADELPHIA WB CITY	6909	PHILADELPHIA	DELAWARE	39 57	75 09	174	EST	MID	MID	77	77		U S WEATHER BUREAU	2 3 4 5
LLIPSBURG WB AIRPORT	6916	CENTRE	JUNIATA	40 54	78 05	1914	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4
ENIXVILLE 1 MI E PUMP STA	6927	CHESTER	SCHUYLKILL	40 07	75 30	105	EST	ss	8A	37	39		PHILA SUB WATER CO	2 3 4 5
ES CREEK	6939	LUZERNE	SUSQUEHANNA	41 18	76 06	1250	EST		MID		11		ANDREW STELTZ	2 3 4
E GROVE 1 MI NE	6954	SCHUYLKILL	SUSQUEHANNA	40 34	76 22	515	EST		8A		24		PA POWER & LIGHT CO	2 3
E GROVE MILLS 1 MI S	6962	HUNTINGDON	JUNIATA	40 43	77 54	2060	EST		MID		6		PENNA STATE COLLEGE	2 3
TSBURGH 7 MI SE WB AP	6992	ALLEGHENY	MONONGAHELA	40 21	79 56	1273	EST	MID	MID	18	18		U S WEATHER BUREAU	2 3 4 5
TSBURGH WB CITY	6997	ALLEGHENY	OHIO	40 26	80 00	914	EST	MID	MID	78	78		U S WEATHER BUREAU	2 3 4 5 7
ASANT MOUNT 1 MI W	7029	WAYNE	DELAWARE	41 44	75 27	1810	EST		7A		27		PENNA GAME COMM	2 3 4
T ALLEGANY	7103	MC KEAN	ALLEGHENY	41 48	78 17	1500	EST		7A		6		RALPH MC CONNELL	2 3
T ALLEGANY 3 MI SW	7108	MC KEAN	ALLEGHENY	41 47	78 19	1580	EST		7A		6		CRYSTAL SPG TROUT HCY	2 3
T CLINTON	7116	SCHUYLKILL	SCHUYLKILL	40 35	76 02	430	EST	8A	8A	10	10		EARL E RARICK	2 3 4 5
TLAND	7127	NORTHAMPTON	DELAWARE	40 55	75 06	297	EST		8A		5		JOINT BRIDGE COMM	2 3
TSTOWN	7149	MONTGOMERY	SCHUYLKILL	40 15	75 39	180	EST		8A		57		MILES E SMITH	2 3
TSVILLE	7156	SCHUYLKILL	SCHUYLKILL	40 41	76 12	820	EST		8A		66		POTTSVILLE WATER CO	2 3
TSVILLE PALO ALTO BRIDGE	7161	SCHUYLKILL	SCHUYLKILL	40 41	76 11	640	EST		7A		5		JOHN M SMITH	2 3
XSUTAWNEY 1	7217	JEFFERSON	ALLEGHENY	40 57	78 59	1220	EST		7A		28		JOHN VOLANSKY	2 3
XSUTAWNEY 2	7222	JEFFERSON	ALLEGHENY	40 56	78 58	1360	EST		MID		8		PENNA ELEC CO	2 3
NEYVILLE 2 SE DAM	7229	ARMSTRONG	ALLEGHENY	40 55	79 17	1270	EST	8A	8A	5	5		U S E P B G	2 3 4 5
NERTOWN	7239	BUCKS	DELAWARE	40 26	75 20	480	EST	5P	5P	62	64		JOHN E BENNER	2 3 5
MOND	7310	POTTER	ST LAWRENCE	41 52	77 52	2220	EST		MID		10		ARTHUR LENGAN	2 3 4
DING WB CITY	7318	BERKS	SCHUYLKILL	40 20	75 56	266	EST	MID	MID	51	79		U S WEATHER BUREAU	2 3 4 5 7
OVO	7409	CLINTON	WEST BRANCH	41 19	77 46	645	EST		7A		51		MRS C W BAIRD	2 3 7
OVO 6 MI S STATE CAMP	7410	CLINTON	WEST BRANCH	41 14	77 46	2035	EST		MID		11		PA DEPT FRST & WATERS	2 3 4
REAT FARMS	7417	LUZERNE	SUSQUEHANNA	41 11	76 06	560	EST	6P	6P	16	16		THEO J SAMPSON	2 3 5
S LANDING LOCK NO 6	7425	MC KEAN	ALLEGHENY	41 54	78 32	2250	EST		8A		1		BRADFORD DIS FLD COMM	2 3
WAY	7443	GREENE	MONONGAHELA	39 57	80 00	775	EST		7A		14		U S E P B G	2 3
	7477	ELK	ALLEGHENY	41 26	78 44	1385	EST	7A	7A	33	42		WEST PENN POWER CO	2 3 4 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TEMP.	PRECIP.	YEARS OF RECORD: TEMP.	PRECIP.	EVAP.	OBSERVER	REFER TO TABLES
RINGTOWN 1 MI SW	7497	SCHUYLKILL	SUSQUEHANNA	40 51	76 15	1080	EST		ss		58		BORO SHENANDOAH	2 3 5
ROCHESTER 1 MI N	7540	BEAVER	BEAVER	40 43	80 18	935	EST		MII				DUQUESNE LIGHT CO	2 3 4
RUSH 6 MI S	7694	SUSQUEHANNA	SUSQUEHANNA	41 42	76 03		EST		8A		4		M MAUDE MC CAIN	2 3
SAFE HARBOR DAM	7732	LANCASTER	SUSQUEHANNA	39 56	76 23	180	EST		NOON		10		PA WATER & POWER CO	2 3
SAGAMORE 1 MI SE	7739	INDIANA	ALLEGHENY	40 46	79 14	1320	EST		7A		8		U S E P B G	2 3
SALTSBURG	7796	INDIANA	KISKIMINETAS	40 29	79 27	849	EST		8A		54		WALTER B SULLIVAN	2 3 7
SAXTON	7846	BEDFORD	WEST BRANCH	40 13	78 15	800	EST		7A		8		HUNTINGDON BROADTOP R R	2 3 4
SCANDIA	7855	WARREN	ALLEGHENY	41 55	79 02	2040	EST		MID				U S E P B G	2 3 4
SCHENLEY LOCK 5	7863	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST		7A		70		U S E P B G	2 3 7
SCRANTON WB CITY	7902	LACKAWANNA	SUSQUEHANNA	41 25	75 40	805	EST	MID	MID	48	48		U S WEATHER BUREAU	2 3 4
SELINGSGROVE AIRPORT	7931	SNYDER	SUSQUEHANNA	40 49	76 52	460	EST	5P	5P	58	58		EUGENE H STEESE MGR	2 3 5
SELLERSVILLE 2 MI NW	7938	BUCKS	SCHUYLKILL	40 23	75 20	530	EST		MID		11		SELLERSVILLE WATER CO	2 3 4
SEWARD	7956	WESTMORELAND	CONEMAUGH	40 25	79 01	1122	EST		7A		10		EDW L STUTZMAN	2 3 7
SHADE GAP	7965	HUNTINGDON	JUNIATA	40 11	77 52	940	EST		MID		10		MRS HELEN L PYLE	2 3 4
SHAMOKIN	7978	NORTHUMBERLAND	SUSQUEHANNA	40 47	76 34	750	EST		8A		44		ROARING CREEK WTR CO	2 3
SHARPSVILLE	8000	MERCER	BEAVER	41 16	80 29	951	EST		7A		10		MRS. M J KELLEY	2 3
SHEFFIELD 6 MI W CHERRY GROVE	8026	WARREN	ALLEGHENY	41 42	79 09	1940	EST		MID		11		L N HANSON	2 3 4
SHIPPENSBURG	8073	CUMBERLAND	SUSQUEHANNA	40 03	77 32	709	EST	4P	4P	16	20		STATE TEACHERS COLL	2 3 5
SMETHPORT HIGHWAY SHED	8190	MC KEAN	ALLEGHENY	41 48	78 27	1510	EST		MID		11		PENNA DEPT OF HWYS	2 3 4
SOMERSET WATER WORKS	8249	SOMERSET	YOUGHIOGHENY	40 01	79 05	2100	EST	6P	6P	79	65		D L GROVE	2 3 5
SOMERSET 2 MI E SUBSTATION	8254	SOMERSET	YOUGHIOGHENY	40 01	79 03	2280	EST		7A		13		PENNA ELECTRIC CO	2 3
SOUTH MOUNTAIN	8308	FRANKLIN	POTOMAC	39 51	77 30	1600	EST		7A				PENNA DEPT OF HEALTH	2 3
SPRING GROVE	8379	YORK	SUSQUEHANNA	39 52	76 52	470	EST		4P				P H GLATFELTER CO	2 3 4
SPRINGS 1 MI SW	8395	SOMERSET	YOUGHIOGHENY	39 44	79 10	2500	EST	8P	8P	29	29		ALLEN E YODER	2 3 5
SPRUCE CREEK	8405	HUNTINGDON	JUNIATA	40 36	78 08	760	EST		7A		2		MRS C E SEIBER	2 3
STATE COLLEGE	8449	CENTER	WEST BRANCH	40 48	77 52	1175	EST	MID	MID	61	64		PENNA STATE COLLEGE	2 3 4 5
STRAUSSTOWN	8570	BERKS	SCHUYLKILL	40 30	76 11	600	EST		8A		3		ROBT B HIESTER	2 3
STRONGSTOWN	8589	INDIANA	CONEMAUGH	40 33	78 55	1880	EST		MID				HARRY F BENNETT	2 3 4
STROUDSBURG 2 MI E SUBSTATION	8596	MONROE	DELAWARE	41 00	75 09	327	EST	9A	9A	31	31		METROPOLTN EDISON CO	2 3
STROUDSBURG	8601	MONROE	DELAWARE	40 59	75 11	390	EST		MID		10		SEWAGE TREATMENT WKS	2 3 4
STUMP CREEK	8610	JEFFERSON	ALLEGHENY	41 01	78 50	1320	EST		7A		8		U S E P B G	2 3
SUNBURY	8668	NORTHUMBERLAND	SUSQUEHANNA	40 51	76 48	440	EST		7A		26		CHAS W BAYLER	2 3 4 7
SUNBURY AIRPORT 2 MI N	8673	NORTHUMBERLAND	SUSQUEHANNA	40 54	76 47	454	EST	MID	MID	3	3		C A A	2 3 5
SUSQUEHANNA	8692	SUSQUEHANNA	SUSQUEHANNA	41 57	75 36	1000	EST		7A		14		LAURA BENSON	2 3
SUTERSVILLE	8699	WESTMORELAND	YOUGHIOGHENY	40 14	79 48	770	EST		7A		8		J H CRUMRINE	2 3 7
TAMAQUA	8758	SCHUYLKILL	SCHUYLKILL	40 48	75 58	800	EST		7A		7		MARY L ROBERTS	2 3
TAMAQUA 4 MI N STILL CRK DAM	8763	SCHUYLKILL	SCHUYLKILL	40 51	76 00	1120	EST		7A		16		PANTHER VALLEY WTR CO	2 3 4
TAMARACK 2 MI S FIRE TOWER	8770	CLINTON	WEST BRANCH	41 24	77 51	2200	EST		7A	6			JAMES E SCHWARTZ	2 3 5
TIONESTA 2 MI SE DAM	8873	FOREST	ALLEGHENY	41 29	79 26	1200	EST	8A	8A	5	12		U S E P B G	2 3 5
TITUSVILLE 2 MI S	8880	VENANGO	ALLEGHENY	41 36	79 40	1550	EST	5P	5P	5	5		U S WEATHER BUREAU	2 3 5
TITUSVILLE	8885	CRAWFORD	ALLEGHENY	41 38	79 40	1200	EST		MID		10		PENNA ELECTRIC CO	2 3 4
TOWANDA	8905	BRADFORD	SUSQUEHANNA	41 46	76 26	755	EST	7P	7P	54	54		MRS M O PARKS	2 3 4 5
TOWER CITY 5 SW	8910	DAUPHIN	SUSQUEHANNA	40 32	76 37	725	EST		ss		3		HARRISBURG WATER DEPT	2 3
TUNKHANNOCK 1 MI S AIRPORT	8982	WYOMING	SUSQUEHANNA	41 32	75 57	639	EST	9A	9A	3	7		J D CHAMBERS MGR	2 3 4 5
TUNNELTON	8989	INDIANA	CONEMAUGH	40 27	79 23	900	EST		MID		8		W D WEIMER	2 3 4
TYRONE 4 MI NE BALD EAGLE	9024	BLAIR	JUNIATA	40 43	78 11	1080	EST		MID		11		FRED L FRIDAY	2 3 4
UNION CITY 1 MI W	9041	ERIE	ALLEGHENY	41 54	79 52	1280	EST		MID		11		PENNA ELECTRIC CO	2 3 4
UNIONTOWN	9050	FAYETTE	MONONGAHELA	39 54	79 44	1040	EST	6P	6P	59	60		WM W MARSTELLAR	2 3 5
VANDERGRIFT	9128	WESTMORELAND	KISKIMINETAS	40 36	79 33	800	EST		7A		9		UNITED ENG & FNDRY CO	2 3 7
VANDERGRIFT 2 MI W	9133	WESTMORELAND	KISKIMINETAS	40 36	79 36	995	EST		MID		10		EUGENE R YOUNG	2 3 4
VIRGINVILLE	9196	BERKS	SCHUYLKILL	40 31	75 52	230	EST		8A		3		IRENE M WERLEY	2 3
WARREN	9298	WARREN	ALLEGHENY	41 50	79 09	1190	EST	7P	7A	52	60		MERRELL L JORDAN	2 3 5 7
WASHINGTON	9312	WASHINGTON	OHIO	40 11	80 14	1200	EST		MID		10		PENNA DEPT OF HWYS	2 3 4
WATROUS 9 MI S LEE FIRE TOWER	9340	TIOGA	WEST BRANCH	41 37	77 33	2425	EST		7A		5		PA DEPT FRST & WTRS	2 3
WAYNESBURG 2 MI W	9362	GREENE	MONONGAHELA	39 54	80 13	980	EST	6P	7A	19	21		MFRS LIGHT & HEAT CO	2 3 4
WAYNESBURG 1 MI E	9367	GREENE	MONONGAHELA	39 54	80 10	940	EST		MID		10		RALPH M AMOS	2 3 5
WEBSTER MILLS 3 MI SW	9380	FULTON	POTOMAC	39 50	78 05	920	EST		MID		7		WM D COVER	2 3 4
WELLSBORO	9407	TIOGA	WEST BRANCH	41 45	77 17	1319	EST	7A	7A	69	78		M S BLISS	2 3 5
WELLSBORO 2 MI E	9412	TIOGA	WEST BRANCH	41 45	77 15	1610	EST		MID		12		IDA S MAYNARD	2 3 4
WELLSVILLE	9420	YORK	SUSQUEHANNA	40 03	76 57	500	EST	5P	5P	2	2		D D HOOVER	2 3 5
WERNERSVILLE	9430	BERKS	SCHUYLKILL	40 20	76 05	400	EST		7P		11		J H THOMPSON	2 3
WEST CHESTER	9464	CHESTER	DELAWARE	39 57	75 36	440	EST	7P	7P	93	98		CLYDE T SAYLOR	2 3 5
WEST GROVE 1 MI SE	9503	CHESTER	DELAWARE	39 48	75 49	452	EST		8A		19		CONRAD-PYLE CO	2 3
WEST NEWTON	9555	WESTMORELAND	MONONGAHELA	40 13	79 46	771	EST		7A		5		A B ADAMS	2 3
WHITESBURG	9655	ARMSTRONG	ALLEGHENY	40 45	79 24	1530	EST		7A		8		U S E P B G	2 3
WILKES-BARRE	9702	LUZERNE	SUSQUEHANNA	41 15	75 52	700	EST		7A		63		MRS MARY G MIRMAK	2 3 7
WILLIAMSPORT 4 SE	9723	LYCOMING	WEST BRANCH	41 13	76 57	1990	EST		7A		8		PA DEPT FRST & WATERS	2 3
WILLIAMSPORT 4 E WB AIRPORT	9728	LYCOMING	WEST BRANCH	41 14	76 56	580	EST	MID	MID	8	8		U S WEATHER BUREAU	2 3 4
WILLIAMSPORT	9733	LYCOMING	WEST BRANCH	41 15	77 01	540	EST		7A	55	62		SAMUEL W PURSELL	2 3 4
WILLIAMSTOWN	9741	DAUPHIN	SUSQUEHANNA	40 35	76 38	775	EST	5P	7A	33	14		GORDON E LOWER	2 3 5
WIND GAP 3 MI SW	9781	NORTHUMBERLAND	DELAWARE	40 49	75 20	730	EST		MID		3		GEO R HARTZ	2 3 4
YORK 3 MI SW PUMP STATION	9933	YORK	SUSQUEHANNA	39 55	76 45	390	EST	5P	5P	50	61		CLAYTON L BOTT	2 3 5
YORK 2 MI S FILTER PLANT	9938	YORK	SUSQUEHANNA	39 56	76 44	640	EST		MID		11		YORK WATER CO	2 3 4
YORK HAVEN	9950	YORK	SUSQUEHANNA	40 06	76 43	300	EST		8A		28		METROPOLTN EDISON CO	2 3
YOUNGSVILLE	9966	WARREN	ALLEGHENY	41 51	79 19	1205	EST		MID		8		EIRAM C LYONS	2 3 4
ZIONSVILLE 1 MI SW	9994	LEHIGH	SCHUYLKILL	40 28	75 31	820	EST		6P		17		HORACE MILLER	2 3

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

-	No record.
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield
6	Precipitation measured at 6-hourly intervals, and at midnight. No recording gage.
a, b, c through i.	Number of days missing. a indicates one day missing, b indicates two days missing, etc.
ss	This entry in time of observation column in Station Index means sunset.
k	Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
r	Station equipped with recording gage only. All amounts in Table 3 are from non-recording gages, except for stations with this reference.
x	Daily totals are for the 24 hours ending at 1:30 A.M., E.S.T., of the following day.
z	Hourly amounts from recording gage at the same site may be found in Table 4.
T	Trace, amount too small to measure.

Data in Table 4 were formerly published in the Hydrologic Bulletin for North Atlantic District. Amounts in this table are from recording gages. Traces are not shown.

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CLIMATOLOGICAL DATA

PENNSYLVANIA

JULY 1948

Volume LIII No. 7

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NEW YORK CITY: 1948

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nation-wide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PENNSYLVANIA - JULY 1948

L. F. Conover, Section Director - Harrisburg

GENERAL SUMMARY

The second vacation month was generally on good behavior. Most nights were comfortably cool for sleeping and very few days saw the mercury rising into the 90's. Precipitation was near normal despite a number of areas in the west and north having monthly totals to 6.00 inches. The bulk of this precipitation fell in two periods; that of the 13-14 and the 21-24.

The first 6 days of the month the State was being criss-crossed by a series of weak pressure ridges and troughs. Each alternation caused another outbreak of showers or thunderstorms in some section of the State. Damage reports were numerous and on the 5th a consolidated school building near Wilkes-Barre was struck by lightning and burned to the ground at a loss of a quarter million dollars. The following day, Philadelphia was hit by storm winds and heavy hail. The 7th ushered in a cool spell that caused temperatures to drop to near record minima on the following days. A minimum of 37° was reported from Phillipsburg while Harrisburg reported a record low maximum of 71°.

The second decade of the month opened with more seasonable warmth and humidity but was replaced on the 13th by a second push of cool Canadian air that dominated the State until the 17th. For a week an east-west frontal system with minor waves, (low pressure systems), moving along the front, produced unsettled weather and locally severe storms. A man was killed near Monroeton on the 19th by lightning during one of these storms. A series of them on the 22-24, produced heavy amounts of rainfall in most parts of the State. A large Ohio Valley high pressure system caused a displacement of the frontal system and produced generally fair weather for several days.

The first 20 days of the month favored harvesting of hay and winter grains and the cultivation of row crops. In fact, some areas reported that the soil became too dry for the best growth of crops. Wheat yields were, however, disappointingly low; some hay was damaged but most stored in good shape and quality, and good oat yields were reported as harvesting progressed towards the close of the month.

TEMPERATURE

The average temperature for the State as deduced from the reports of 114 stations was 72.2°, which is 0.1° below the 61-year normal for July. The highest monthly mean was 79.1° at Marcus Hook and the lowest was 65.0° at Tunkhannock. Extremes ranged from a maximum of 97° at Holtwood on the 1st and Columbia on the 5th, to a minimum of 38° at Kane 1 NW on the 8th.

PRECIPITATION

The average precipitation for the State, as deduced from the observations at 308 stations, was 4.04 inches, which is .27 inch below the 61-year normal for July. The greatest monthly amount was 8.27 inches at Avoca Wilkes-Barre Airport, while the least was .50 inch at Tellersville.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN-SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
ALLENTOWN	30.33	9	29.56	6	-	-	-	-	90	84	54	70	-	0
ERIE	30.31	2	29.66	30	7.0	20	W	30	83	79	64	69	54	3
HARRISBURG	30.34	9	29.58	6	6.1	21	W	6	83	79	53	64	64	0
PHILADELPHIA	30.32	9	29.57	6	6.3	24	SW	6	85	84	56	68	64	0
PHILLIPSBURG	30.37	9	29.69	6	-	-	-	-	96	91	62	74	-	65
PITTSBURGH	30.33	2	29.69	23	8.7	35	NW	27	82	83	56	63	48	0
READING	30.33	9	29.57	6	8.5	31	NW	6	-	75	-	-	51	0
SCRANTON	30.35	9	29.58	6	5.4	31	NW	6	-	78	55	-	70	1

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1888	69.2	97	38	3.45		8
1889	71.6	96	39	6.80		13
1890	70.7	101	33	3.52		8
1891	67.8	97	34	6.32		13
1892	73.1	103	38	3.93		10
1893	72.1	102	36	3.15		10
1894	73.8	103	31	2.32		7
1895	69.1	102	34	3.24		9
1896	72.8	98	40	6.89		14
1897	73.4	103	41	6.26		14
1898	74.8	107	33	3.36		9
1899	72.3	101	35	3.91		10
1900	74.0	104	35	4.86		11
1901	76.4	107	45	3.88		11
1902	71.8	99	41	6.04		15
1903	71.2	98	35	5.36		12
1904	70.6	99	34	4.68		13
1905	72.6	99	39	4.87		15
1906	71.3	95	38	4.31		10
1907	71.5	96	34	3.84		10
1908	73.9	104	39	4.81		11
1909	69.7	98	34	2.14		7
1910	72.8	99	41	2.42		7
1911	73.7	105	36	2.81		8
1912	71.3	100	36	5.29		11
1913	71.8	101	40	4.16		11
1914	71.3	101	38	4.19		12
1915	70.7	98	40	5.28		15
1916	74.3	98	37	4.45		10
1917	72.1	105	40	4.33		13
1918	70.1	99	35	3.05		9
1919	72.6	104	34	5.90		11
1920	69.5	96	33	4.37		11
1921	75.9	104	45	4.13		10
1922	71.9	98	38	3.68		9
1923	71.0	100	32	4.24		11
1924	69.7	97	34	3.42		9
1925	70.5	101	32	5.57		12
1926	71.8	105	35	3.82		10
1927	71.7	100	29	4.97		12
1928	72.8	96	40	5.44		13
1929	71.8	99	33	2.81		8
1930	73.0	106	33	2.23		7
1931	75.2	105	39	5.28		12
1932	72.0	100	36	3.39		10
1933	72.5	104	35	4.26		8
1934	75.5	107	40	4.01		9
1935	75.0	104	42	5.63		12
1936	73.5	111	37	2.88		8
1937	72.4	101	37	4.47		12
1938	73.2	100	40	4.81		12
1939	71.7	100	36	3.12		9
1940	72.3	105	33	3.25		10
1941	73.1	104	29	5.11		12
1942	72.5	102	35	5.16		13
1943	72.6	100	31	4.47		12
1944	72.2	100	37	2.39		8
1945	70.4	103	32	5.75		14
1946	70.7	101	34	4.05		9
1947	69.5	100	38	6.23		16
1948	72.2	97	38	4.04		12
PERIOD	72.1	111	29	4.31		11

TABLE 2
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES						NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ATLANTIC DRAINAGE																		
ALLENTOWN WB AIRPORT	74.5	0.3	94	5+	52	8	8		2.41	- 2.20	.74	23				10	3	
ALLENTOWN GAS CO	74.4	0.4	93	6	55	2+	5		3.20	- 1.64	1.40	22				13	4	1
ALTOONA HORSESHOE CURVE	71.2	0.3	90	30	48	2+	1		2.30	- 1.64	.71	24				8	3	
ARENDTSVILLE	73.8	- 0.6	93	6+	53	8+	4		2.22	- 1.56	.58	7				8	3	
AUSTINBURG 2 W									3.30	.19	.90	5				11	5	
AVOCA WILKES-BARRE SCRANTON	72.2		90	5+	51	8	2		8.27		3.91	13				10	6	3
BELLEFONTE ROCKVIEW FARM	72.8a		91	5	47	8	4		2.93	- .93	.77	22				12	4	
BERWICK	74.6		94	5	51	8	7		5.15		3.05	13				9	3	2
BETHLEHEM RIVER STATION									3.21		1.31	22				10	6	1
BETHLEHEM LEHIGH UNIV	74.8	- 0.2	95	5	57	8	6		2.98	- 1.68	1.23	21				11	4	1
BLAIN									2.68		1.29	22				8	4	1
BLAKESLEE CORNERS									5.18		1.98	13				9	5	2
BLOSERVILLE 1 N									3.90	- 1.07	1.15	23				9		1
BREEZEWOOD									1.19		.25	12				8	1	
BUFFALO MILLS									1.93	- 1.56	.78	4				9	3	
BURNT CABINS 2 NE	71.9		95	30	44	2+	11		2.70		1.12	19				11	4	1
CAMP HILL									3.36		2.32	23				8	2	1
CANTON 1 NW	68.5		87	5	48	8			3.72		.94	24				10	6	
CARLISLE	74.2	- 0.8	95	30	50	8+	9		4.42	.52	2.70	23				6	3	1
CARROLLTOWN									5.59		1.14	14				10	7	2
CARTER CAMP									3.73		1.18	22				11	4	1
CEDAR RUN									5.82	2.25	1.93	14				12	6	2
CHADDS FORD									5.14		2.64	15				9	4	1
CHAMBERSBURG	74.2	- 0.6	96	30	50	25	8		1.85	- 1.91	.87	13				10	2	
CLAUSSVILLE									3.56		1.18	22				5	4	1
CLEARFIELD									3.83	- .31	.93	23				13	6	
COALDALE 2 NW									3.72		1.43	14				11	4	1
COALPORT	68.5		90	5	43	25	1		2.51		.60	23				8	5	
COATESVILLE 1 SW	73.7	- 1.2	92	7	53	10	4		4.77	.11	1.68	15				11	5	2
COATESVILLE									5.38		1.47	14				13	7	2
COLUMBIA	76.6		97	5	54	8	12		3.49		1.90	22				9	3	1
CONSHOHOCKEN									4.84	.39	1.45	27				11	5	2
COVINGTON									2.54		.78	24				10	5	
CURWENSVILLE 6 NW	66.6		85	4	45	2			5.65		1.32	22				13	8	2
DANVILLE									5.47		2.00	22				8	7	2
DAUPHIN 3 N									2.53							12		
DINGMANS FERRY									2.63		.97	14				10	3	
DOYLESTOWN									3.25	- 1.68	1.12	15				11	3	1
DRIFTWOOD									4.09		1.02	13				9	6	1
DU BOIS 7 E									6.01	1.64	1.93	23				12	5	2
DUSHORE									5.22		1.70	13				10	5	3
EAGLES MERE	67.4		83	12	50	2+			6.02	.64	1.70	24				9	6	3
EAST WATERFORD 3 E	70.6		87	5+	52	2			3.99		1.13	18				9	6	2
ELIZABETHTOWN									1.93		.90	23				11	2	
EMPORIUM	70.1b	0.3	90	30	46	8	1		5.00	.60	2.24	22				10	5	1
ENGLISH CENTER											1.12	13				7	5	1
EPHRATA	75.2	0.2	94	6	55	8+	6		4.46	- .18	1.97	23				11	6	1
EQUINUNK									2.70		.75	24				10	3	
EVERETT	71.9	0.2	94	30	47	1+	4		1.39	- 2.52	.38	6				11	3	
FREDERICKSVILLE 1 S	73.4		91	14	50	18	2		2.64		.82	23				13	2	
FREELAND	71.2	2.1	87	5+	51	2			7.72	2.51	3.47	14				8	5	3
GALETON									3.26	- .57	1.03	13				9	3	1
GEIGERTOWN									3.85		1.73	14				8	4	2
GEORGE SCHOOL	73.9	- 0.4	92	5	53	8+	4		4.20	- .43	1.37	27				12	5	1
GETTYSBURG	75.4	0.8	94	6	54	9+	6		1.61	- 2.21	.66	23				11	2	

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES				SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
GETTYSBURG 1 S									2.38		.78	22				10		
GLEN ROCK									3.90		1.24	22				9	5	1
GOOD SPRINGS 1 NW									2.71		1.11	13				8	4	1
GORDON	70.9	- 0.3	91	5+	42	8	2		4.96	.05	2.68	13				9	5	1
GOULDSBORO									4.62	.27	1.65	14				11	6	1
GRANTVILLE 2 SW									4.23		2.00	23				8	4	1
GRATERFORD									4.70	- .39	1.14	13				13	8	1
HANOVER	75.1	- 0.7	92	6	56	25	4		3.29	- 1.07	1.26	27				16	3	1
HARRISBURG 3 S WB AIRPORT	75.3	0.5	92	5+	55	8+	5		2.02	- 1.81	1.40	22				10	2	1
HARRISBURG NORTH									4.45	.42	3.07	23				10	3	1
HAWLEY	70.7	0.3	92	30	47	8	4		2.84	- 1.41	.89	7				11	4	
HAWLEY 1 S WALLEN DAM	66.0		86	6+	45	2+			2.50		.77	14				7	5	
HEWITT 2 S	71.4a		92	5+	44	2	5		1.93		.70	6				10	22	
HOLLIDAYSBURG									1.61		.57	23				7	3	
HOLLISTERVILLE									5.28	.02	1.11	14				12	8	2
HOLTWOOD	77.0	- 0.1	97	1	61	9+	5		3.12	- .81	1.24	15				12	4	1
HONESDALE 4 NW									3.04		.81	19				9	5	
HONESDALE 6 N TNRS FLS //									2.97		1.10	18				7	5	1
HOP BOTTOM 2 S									4.64		2.05	22				12	5	1
HUNTINGDON	72.2	- 0.3	93	6+	42	10	6		3.76	- .17	2.22	23				8	3	1
HUNTSDALE									4.42		2.95	23				9	2	1
HYNDMAN									2.87	- .40	1.30	4				6	4	1
JACKSON SUMMIT									3.23		.71	13				11	5	
JUNIATA HOUSE									2.63		.86	17				8	3	
KARTHAUS									6.46		1.35	7				13	8	3
KIRKWOOD 1 SW									2.59		.73	27				7		
KRESGEVILLE 3 W									2.73		1.22	22				9	4	1
LAKEVILLE 1 N									3.12	- 2.09	.96	13				9		
LAMPETER SCS 1 A									3.20							11		
LANCASTER 2 NE PUMP STA	73.4	- 0.8	92	5	50	10	3		3.22	- 1.19	1.28	23				11	3	1
LANCASTER 2 NE FLTS PLT									2.58		1.06	23				9		1
LANCASTER 2 NE FLTR PLT									3.26		1.48	23				12	3	1
LANSFORD									3.92	- .64	1.22	22				10	5	2
LANSFORD FOREMANS SHOP									3.75		1.21	22				11	5	2
LAURELTON STATE VILLAGE									4.06		1.59	20				7	5	2
LAWRENCEVILLE	71.0	0.4	94	12	48	8	6		3.69	- .39	1.75	13				9	5	1
LEBANON	75.1	0.9	95	6	52	8+	7		4.92	.47	2.07	23				10	5	2
LEBANON 3 SW									5.21		2.11	22				7	4	2
LECONTES MILLS 5 NW									4.50		1.32	21				11	5	2
LEHIGHTON									3.66	- 2.45	2.10	22				9	4	2
LE ROY									3.62		1.25	23				6	5	1
LEWISTOWN	74.0		95	30	52	9	10		2.47		.81	23				11	4	
LOCK HAVEN 2											1.51	13				8	5	1
LONG POND									3.98		1.06	14				13	6	2
MAPLE GLEN									4.61		1.80	15				10	5	1
MAPLETON DEPOT									3.32		.81	23				10	6	
MARCUS HOOK	79.1	0.1	95	5+	62	8	12		2.30	- 1.93	.64	2+				13	3	
MARTINSBURG									1.82		.64	13				11	3	
MARTINSBURG BLAIR CO AP	70.6		89	30	48	2+			2.12		.62	13				11	3	
MATAMORAS									5.18	1.31	2.23	14				6	5	2
MAUCH CHUNK 1 SW	70.0f	2.1	90	5+	44	8	2		4.14	1.03	1.65	22				8	6	1
MC CONNELLSBURG									.93	- 3.07	.60	22				3	1	
MC CONNELLSTOWN 4 N									1.90		.46	23				9	3	
MEDIX RUN									5.52		1.46	13				11	5	3
MERCERSBURG									1.65		1.08	18				8	2	1

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
MERWINSBURG									2.35							6	4	1
MIDDLETOWN OLMSTED FIELD	75.6	0.7	93	30	55	25	4		1.47	- 2.25	1.17	22				3	1	1
MILAN											1.91	13				7	3	1
MILANVILLE									2.17		.56	14				9	3	
MILLERSBURG 2 E									3.09		.89	22				6	5	
MILLVILLE																		
MILROY									2.64		1.09	20				6	5	1
MONROE FURNACE									3.91							9		
MONROETON 2 S									3.91		1.10	22				13	5	2
MONTROSE 3 E HIGHWAY SHED	68.6	0.3	86	6+	49	8			4.18	.13	1.28	24				10	6	2
MONTROSE									4.37							10		
MOUNT POCONO 2 N WB AP	67.2	1.4	84	4+	47	7+			3.82	- 1.32	1.13	13				10	4	2
MOUNT UNION 1 NW //									2.83		.63	22				9	5	
MYERSTOWN									2.77							8		
NEFFS MILLS 4 NE	70.4		92	31	43	9	3		3.12		1.02	14				11	5	1
NEWBURG 3 W	66.0		86	30	44	8+			1.12		.32	17				7	2	
NEW PARK									2.21	- 2.04	1.20	23				7	2	1
NEWPORT	72.8		94	6+	48	25	11		3.83	- .44	1.10	14				9	6	1
NEW TRIPOLI									2.17		.70	13				10	3	
NORRISTOWN									4.60		1.17	15				9	6	2
ORWELL 3 N									5.12		1.30	22				11	6	1
PALM									3.43		1.15	23				9	5	1
PALMERTON	72.5		91	5+	50	8	3		2.27		.86	21				8	3	
PARK PLACE 1 NW WB AP	69.3		88	5	51	2			4.44		1.89	13				8	5	1
PAUPACK									4.14	- .21	1.78	14				12	5	1
PECKS POND									6.36		2.61	13				11	7	2
PHIL DREXEL INST OF TEC	77.4		93	5	60	8	7		3.90		.90	23				7	6	
PHILADELPHIA WB AIRPORT	76.4		93	5	58	8	8		1.90	- 2.25	.47	23				8	4	
PHILADELPHIA POINT BREEZE	77.2		92	4+	59	8	7		2.49		.56	27				9	4	
PHILADELPHIA SHAWMONT	76.2	-0.3	93	5+	55	8	8		5.14	.56	1.58	27				10		2
PHILADELPHIA WB CITY	76.8	0.6	91	5	61	8	4		3.40	- .75	.79	23				9	6	
PHILLIPSBURG 7 E AIRPORT									2.29		.60	22				9	5	
PHOENIXVILLE 1 E PUMP STA	76.0	0.2	95	5+	54	2+	12		6.18	1.32	1.93	14				11	6	3
PIKES CREEK									3.35		.93	13				8	5	
PINE GROVE 1 NE									1.91	- 2.97	.77	23				6	3	
PLEASANT MOUNT 1 W									2.09	- 2.91	.39	24				9	5	
PORT CLINTON	71.8	-1.6	92	6+	50	2	6		3.76	- 1.14	2.10	22				12	4	1
PORTLAND									2.17		.92	22				10	3	
POTTSTOWN									4.75	- .16	1.88	23				10	4	2
POTTSVILLE									2.76	- 2.25	1.00	22				7	3	1
POTTSVILLE BRIDGE									2.75		1.09	22				9	2	1
QUAKERTOWN	72.2	-0.5	93	1	50	9	3		2.71	- 2.23	1.14	13				10	2	1
READING WB CITY	76.2	1.0	94	5	58	8	7		2.51	- 1.75	.93	13				8	3	
RENOVO									6.89	2.83	1.40	21				10	7	2
RENOVO 6 S STATE CAMP											1.96	13				8	5	1
RETREAT FARMS	71.1		89	5	50	8			4.84		1.46	13				10	4	2
RINGTOWN 1 SW									3.80		1.80	22				3	3	2
RUSH 6 S									4.25		1.20	22				8	5	1
SAFE HARBOR									3.26		1.16	27				8	4	2
SAXTON									.88		.37	23				6	1	
SCRANTON WB CITY									7.07	3.04	3.12	13				9	6	2
SELINSGROVE AIRPORT	73.4		92	5	50	8+	5		2.85	- 1.19	1.32	23				6	3	1
SELLERSVILLE 2 NW									.50							4		
SHADE GAP									.91		.44	19				6	1	
SHIPPENSBURG	75.4	0.7	93	4+	52	2+	13		2.49	- 1.24	1.05	23				7	2	1

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
SOUTH CANAAN 1 E									3.56							9		
SOUTH MOUNTAIN									2.23		.56	14				11	3	
SPRING GROVE									3.13		1.43	23				10	4	1
SPRUCE CREEK									2.49		.94	14				12	4	
STATE COLLEGE	72.3	1.3	90	4+	50	8	3		3.03	- .82	.82	22				13	3	
STRAUSSTOWN									2.57		.78	23				12	4	
STROUDSBURG SUBSTATION	75.2	3.2	94	31	50	9	11		1.87	- 3.25	1.01	22				9	3	1
STROUDSBURG									2.05		1.03	21				6	3	1
SUNBURY									3.74	- .27	.76	7				9	7	
SUNBURY 2 N AIRPORT	73.5		92	5	53	25	2		4.07		1.16	21				8	6	1
TAMAQUA									3.95		1.69	22				6	3	2
TAMAQUA 4 N STL CRK DAM									4.27		1.33	22				9	6	2
TAMARACK 2 S FIRE TOWER	67.8		87	6	49	21			6.46		1.78	21				11	6	3
TOWANDA	71.4	0.8	92	5+	48	9	4		5.31	1.60	1.37	23				14	5	2
TOWER CITY 5 SW									2.76		1.01	23				7	3	1
TUNKHANNOCK 1 S	65.0		93	6	48	8	3		3.87		1.07	24				9	6	1
TYRONE 4 NE BALD EAGLE									4.67		1.54	22				11	5	1
VIRGINVILLE									2.76		.74	22				11	4	
WATROUS 9 S LEE FIRE TOWER									3.17		.90	22				13	4	
WATSONTOWN									6.47		2.73	13				8	5	3
WEBSTER MILLS 3 SW									.60		.25	13				4	1	
WELLSBORO	67.4	-1.4	91	6+	44	2+	3		3.52	- .12	.79	24				15	4	
WELLSBORO 2 E									3.01		.82	13				11	4	
WELLSVILLE	73.2		92	5	50	8+	2		3.30		1.30	23				10	5	1
WERNERSVILLE									1.82		.62	23				8	2	
WEST CHESTER	74.7	0.3	93	5	55	B	6		3.46	- 1.31	1.25	27				9	4	1
WEST GROVE 1 SE									2.75	- 2.31	1.16	1				8	4	1
WILKES-BARRE									4.91	.84	1.67	13				7	6	2
WILLIAMSPORT 4 SE									4.01		1.01	13				11	4	2
WILLIAMSPORT 4 E WB AP	72.1		93	5	51	8+	5		4.27		1.19	13				10	6	1
WILLIAMSPORT									4.52	.77	1.18	13				8	6	3
WILLIAMSTOWN	72.7	0.1	91	5	49	B	4		2.92	- 2.07	1.04	23				9	3	1
WIND GAP 3 SW									3.22		1.10	21				10	3	1
YORK 3 SW PUMP STATION	76.0	1.3	95	5	52	25	12		2.66	- 1.62	1.10	23				12	4	1
YORK 2 S FILTER PLANT									2.90		1.45	22				8	3	1
YORK HAVEN									2.53	- 1.52	1.45	23				12	2	1
ZIONSVILLE 1 SW									3.67	- 1.42	1.10	23				9	3	2
DIVISION	72.6	-0.3	97	1+	42	8+	6		3.51	- .76	3.91	13				9	4	1
OHIO DRAINAGE																		
ACMETONIA L 3 LOWER									4.79	.68	1.30	24				13	5	1
ALLENS MILLS									6.92		2.38	22				13	8	2
BAKERSTOWN 4 WNW	66.6		86	4	51	2+			4.55		2.00	23				9	5	2
BEAVER FALLS									4.43	.09	1.36	4				11	5	1
BLAIRSVILLE 6 ENE	69.6		87	30	51	8			3.41	- 1.45	.84	6				11	7	
BOSWELL									4.00		.82	4				12	6	
BRADDOCK LOCK NO 2									2.39		.58	23				12	3	
BRADFORD CITY HALL									4.08		.83	22				12	5	
BRADFORD 4 W RES NO 1	66.4	-1.7	86	12+	40	8			3.43	- .65	.80	13				13	4	
BROOKVILLE AIRPORT	68.5	0.4	88	4	46	8			3.76	- .59	1.18	23				11	4	1
BRUCETON									4.72	1.04						17		
BUCKSTOWN									3.88							12		
BURGETTSTOWN 3 W	70.6		92	5	45	1	1		3.12		1.20	17				9	4	1
BUTLER	72.8	0.4	94	5	48	8+	5		2.65	- 1.59	.73	23				10	5	
BUTLER SUBSTATION									2.69		.72	23				14	4	

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX 90° OR ABOVE	MIN 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DEPTH ON GROUND	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	1.0 INCH OR MORE	.2 INCH OR MORE	1.00 INCH OR MORE
CHARLEROI											1.45	5				13	3	1
CHARLEROI L 4 LOWER									4.76	[illegible]	1.58	6				14	5	1
CLARION 3 SW	69.4		90	4	45	2+	1		5.57	1.03	1.06	23				14	7	3
CLAYSVILLE	72.3	-0.6	92	4	47	2	2		4.87	.65	.98	28				14	6	
CONFLUENCE 1 SW	70.9		88	5+	50	8+			6.20		2.49	4				18	6	1
CONFLUENCE 1 NW									6.06	1.31	2.21	4				19	7	2
CONNELLSVILLE									4.21		.75	7				14	6	
CONNELLSVILLE 4 N									3.65		.82	13				14	6	
CORAOPOLIS DAM 2									3.81	.18	1.29	17				10	6	1
CORRY	75.0	5.9	89	10	44	8			5.28	2.16	1.36	13				10	6	2
COUDERSPORT	67.4	0.6	89	11+	42	7			4.15	- .32	2.41	13				7	5	1
COUDERSPORT 8 E									2.79		.89	22				7	4	
CRESSON 1 E SUMMIT									3.62		.92	23				10	4	
CUSTER CITY 2 W SONGBIRD									4.15		.89	13				10	5	
DERRY	73.2	0.5	90	12+	49	2	2		5.91	1.32	2.10	13				14	6	2
DONEGAL	67.4		86	5+	42	2			7.55		1.99	4				18	8	2
DONORA	75.9		94	4+	53	2	8		5.30	1.85	1.48	13				16	7	1
DUNLO											.63	13				9	4	
EBENSBURG	68.5	0.2	85	5	47	2			4.08	- .04	1.70	23				11	4	1
ERIE AIRPORT									4.33		2.05	21				12	4	1
FARRELL SHARON			89	4+					6.78	3.19	2.55	13				10	7	2
FORD CITY 4 S	70.4		90	5	48	25	1		5.54		1.20	23				12	8	2
FRANKLIN	70.4	- 0.3	90	5	50	2	1		4.28	- .15	.95	23				12	7	
GIFFORD									3.75		1.18	14				10	6	1
GLENCOE									3.18		1.40	4				8	4	1
GLENWILLARD DASHIELDS DAM									5.22		1.95	23				11	6	2
GREENSBORO L 7									4.16	- .45	1.10	14				18	4	1
GRENNSBURG 2 S FILTER STA	71.3	-1.2	88	4+	47	2+			6.68	2.88	2.62	13				13	8	2
GREENSBURG 2 E HWY SHED									5.50		2.07	13				14	5	1
GREENSBURG 3 SE UNITY RES									5.25		2.49	13				9	4	2
GREENVILLE	71.1	-0.3	90	4+	45	2	2		5.44	.39	1.49	13				13	7	2
HOME									7.43							13		
HOOVERSVILLE									2.66		.96	4				14	3	
INDIANA 2 SE	69.9		89	4	44	25			2.99		.87	13				12	5	
INDIANA	73.0	1.3	89	4+	50	25			2.75	- 1.85	.92	23				13		
IRWIN	73.5	1.1	92	3	49	2+	3		4.42	.55	1.17	13				15	9	1
JAMESTOWN 2 NW	70.6		89	5+	46	8			4.06	.18	1.13	23				13	6	1
JOHNSTOWN 1	78.5	5.5	93	12	50	25	7		3.38	- 1.10	.86	4				12	4	
JOHNSTOWN 2									2.81		.54	6				9	5	
KANE 1 NW	65.2		87	4	38	8			5.11	.94	1.78	13				13	6	2
KANE 5 SE									4.84		1.59	13				13	5	2
KREGAR 4 SE									6.77		1.34	6				20	7	3
LAFAYETTE MC KEAN PARK									3.25		.96	22				11	5	
LATROBE									4.50		1.00	14				12	6	1
LEWIS RUN 3 S									4.11		1.48	13				10	5	1
LINESVILLE 6 NW PENN LINE									4.32		.95	13				9	6	
LYCIPPUS 1 E									4.53	- .19	1.70	4				9	5	1
MARIENVILLE											1.20	23				11	6	1
MARSHBURG									4.33		.95	13				12	7	
MC KEESPORT									2.85	- .67	.59	23				12	4	
MEADVILLE 1 S	70.5	0.8	90	5	45	8	1		3.87	- .28	.88	1				12	6	
MERCER 5 NE WB AIRPORT	69.4		89	4	45	2			6.11		2.01	22				13	8	1
MEYERSDALE									3.53		1.04	31				15	4	1
MIDLAND DAM NO 7 LOWER	73.0	0.2	92	4	53	2	3		2.54	- 1.13	.89	23				10	3	
MOSGROVE L 8									2.56	- 1.18	.82	14				12	2	

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
MURRYSVILLE									4.08		.77	22				11	6	
NATRONA L 4									5.42	1.40	1.43	23				9	7	2
NEW CASTLE 1 N	72.0	-0.6	92	4	50	2+	3		3.14	- 1.04	.93	23				13	4	
NEWELL	75.0	1.6	92	30	52	2	5		2.79	- .71	1.10	14				8	3	1
PARKERS LANDING									4.69	.59	1.75	23				11	4	2
PARKERS LANDING 1 E									4.97		1.36	22				11	4	2
PINE GROVE MILLS 1 S									3.22	- 1.13	1.21	13				9	3	2
PITTSBURGH 7 SE WB AIRPORT	73.8		91	4	54	8	1		2.83		.67	16				13	4	
PITTSBURGH WB CITY	75.6	1.0	93	4	56	2	4		3.49	- .56	1.12	16				11	6	1
PORT ALLEGANY									4.20		1.20	13				13	5	1
PORT ALLEGANY 3 SW									4.25		1.06	14				9	5	2
PUNXSUTAWNEY 1									3.58	- .50	1.13	23				14	5	1
PUNXSUTAWNEY									3.09		.70	23				12	5	
PUTNEYVILLE 2 SE	68.6		90	5	44	2+	1		4.83		1.35	23				16	4	2
REW									3.79		1.01	13				10	5	1
RICES LANDING L 6									4.96		1.24	14				14	7	1
RIDGWAY	69.8	1.9	92	5	44	8+	6		4.60	.35	1.64	23				10	6	1
ROCHESTER 1 N									4.82		1.02	23				13	7	1
SALTSBURG									4.81	.77	1.77	13				12	7	1
SCANDIA									3.92		.94	12				9	6	
SCHENLEY L 5									5.75	1.72	2.03	23				12	7	1
SEWARD									6.64		2.13	23				12	7	1
SHARPSVILLE									6.99		2.12	13				13	8	2
SHEFFIELD 6 W CHERRY GROVE									4.24		1.50	13				10	5	1
SMETHPORT HIGHWAY SHED									3.58		1.06	13				12	5	1
SOMERSET WATER WORKS	68.2	-0.4	86	4+	42	25			5.05	.43	1.60	4				15	4	2
SOMERSET 2 E SUBSTATION									4.15		1.50	4				5		
SPRINGS 1 SW	66.4	-1.0	84	5	42	2			7.60	3.16	2.21	4				21	9	2
STRONGSTOWN									4.16		1.77	22				9	6	1
SUTERSVILLE									4.62		1.00	14				13	6	1
TIONESTA 2 SE DAM	70.2		88	5+	50	2+			5.16	1.36	1.40	13				12	6	2
TITUSVILLE 2 S	68.1		86	4+	43	2+			3.70		1.15	23				9	5	1
TITUSVILLE									3.45		.73	23				10	6	
TUNNELTON //									3.59		.80	22				8	5	
UNION CITY 1 W									3.33		.94	21				12	5	
UNIONTOWN	73.9	0.5	91	5	51	2	4		2.79	- 2.02	1.00	13				17	2	1
VANDERGRIFT									5.01	.92	1.55	14				9	7	2
VANDERGRIFT 2 W									4.77		1.27	13				11	5	2
WARREN	71.4	1.6	91	11+	47	8	9		4.18	- .24	.95	13				10	7	
WASHINGTON									2.42		.90	16				9	3	
WAYNESBURG 2 W									4.53	.17	1.54	13				13	4	1
WAYNESBURG	72.4	-0.7	95	21	47	2	3		5.14	.78	1,41	14				15	6	2
WEST NEWTON									6.52	2.54	1.81	14				13	8	2
YOUNGSVILLE																		
DIVISION	70.9	-0.3	95	21	38	8	3		4.40	.40	2.62	13				12	5	1
LAKE DRAINAGE																		
ERIE WB CITY	73.0	2.0	90	30	56	2	1		4.22	1.21	1.48	6				11	4	1
STATE	72.2	-0.1	97	1+	38	8	3		4.04	- .27	3.91	13				12	6	1

See reference notes following Station Index

TABLE 3
DAILY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	DAY OF MONTH																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ACMETONIA L 3 LOWER			.04	.23			.63						.12	.96			.91	.31					.04	1.36	.03		.02	.12			.08	
ALLENS MILLS r		.11	.10		.28	.57						.40	.36							.42	.62	2.38	1.34				1.46				4.79
ALLENTOWN WB AIRPORT z	.02				.02	.23							.35				.15			.10	.79	.09	.74			.36		.63				2.41
ALLENTOWN GAS CO	.06	.03				.16	.03							.46	.02		.05	.08			.07	1.40	.32	.22			.91					3.20
ALTOONA HORSESHOE CURVE	.09					.10							.27	.13			.69					.13	.18	.71								2.30
ARENDTSVILLE			.07			.08	.58							.21	.53		.07						.48									
AUSTINBURG 2 W r					.90	.05						.14	.18					.65	.02		.35		.50									2.22
AVOCA WILKES-BARRE AP	T				.25	.15	T						3.91	1.35				.03	.53		1.04		.73	T		.12	T					3.30
BAKERSTOWN 4 WNW					.20	.25								1.01			.07	.04				2.00	.10									8.27
BEAVER FALLS				1.36	.02		.12						.22	.06			.78					.06	.61				T	.34				1
BELLEFONTE ROCKVIEW FARM		.05			.12	.03	T					.08	.33	T		.14	.24		T	.66		.77	.02		T							4.43
BERWICK						.47							3.05	.07					.12			1.03	.08	.19			.04					2.93
BETHLEHEM RIVER STATION	.05	T				.29	.31	T						.37			.09	.02			.01	1.31	.36	.40			T					5.15
BETHLEHEM LEHIGH UNIV z	.01					.46	.03						.28	.02			.09			.01	1.23	.14	.70									3.21
BLAIN r		.03				.27							.20				.44		.12		.30	1.29	.03									2.98
BLAIRSVILLE 6 ENE			.30	.03		.84						.31	.71			.12	.31	.30	T		T	.09	.38			T	.62		T			2.68
BLAKESLEE CORNERS r				.48	.63	.15							1.98				*	.10			1.50		.27			.67					3.41
BLOOMSBURG 1 N	.07		.06			.30							*	.80			.82		.04			.66	1.15	T		T						5.18
BOSWELL z	.09			.82		.06	.62						.62	.76				.45				.02	.47				.02	.04			1	3.90
BRADDOCK LOCK NO 2	T		.05	.22	.08	.04	.08						T	.09			.45	.53					.58				.01	.24			.42	4.00
BRADFORD CITY HALL	.02		.02			.72	.02						.69	.04				.08				.83	.10	.58			T	.50			.18	2.39
BRADFORD 4 W RES NO 1	.02		.04		.14	.04	.07					.14	.80									.72	.36			.03	T	.72			.46	4.08
BRADFORD WKBW					.21	.10						.24	.25				.04				.17	.96			.08				1			3.43
BROOKVILLE AIRPORT		T	T		.04	.09						.22	.33			.03	.08			T	.21	.97	1.18			.06	.06	T		T		1.19
BRUCETON			*	*		.62	.26						.15	.06			*	*	1.70		.70	.62	.72	*	*	.36	.02	.21				3.76
BUCKSTOWN r			*	2.36		.79						.13	.13				.10	.07			.10	.05	.05									4.72
BUFFALO MILLS				.78		.06	.38						.05	.18	.03				.25	.03							.17			.08	.02		3.88
BURGETTSTOWN 3 W				.06			.11							.27	T		1.20	.04			T	.09	.04				.34				.24	1.93
BURNT CABINS 2 NE			.05		.10	.09						.04	.26	.27			.03		1.12		.07	.64	.03									3.12
BUTLER						.36							.17	.02			.35					.43	.73	.03			.01	.01	.01				2.70
BUTLER SUBSTATION r			.04			.39						.13	.04			.23	.11				.38	.05	.72	.03			.42	.05		.08	.02		2.55
CAMP HILL			.04			.17	T							.08			.11					.64	2.32									2.69
CANTON 1 NW z													.43	.56					.13	.45	.04	.39	.53	.94			T	.20			.05	3.36
CARLISLE			.06			.21							.67	T							.02	.76	2.70				T				T	3.72
CARROLLTOWN	.14			.02									1.05	1.14			.41	.99				.32	.89	.41								4.42
CARTER CAMP z					T		.13																								.22	5.59
CEDAR RUN	.03				.20								.24	.15				.07		.04	.02	1.18	.45	.85				.20			.24	3.73
CHADDS FORD	.82				.10								1.22	1.93				.03		.02	.02	.92	.34	.72			.02	.37				5.82
CHAMBERSBURG z			T		.08	.21								.15	2.64		.13						.11	.39			.78		.03			4.14
CHARLEROI r	.15		-	-	1.45	.45				.02	.48		.87			.40	.03	T	.35		.06	.20	.02				T	.01				1.85
CHARLEROI L 4 LOWER	.17			.11	.03	1.58	.67						.82				.03	.10			.10	.07	.07			-	.04	.14			.02	
CLARION 3 SW z	.06		.02			.07	.02						.62	.50			.44		.04	T	T	.09	.20	T			.01	.24			.06	4.76
CLAUSSVILLE						.30							.32	1.02			.04				.27	1.04	1.06	.85			.10	.68			.02	5.57
CLAYSVILLE				.92		.63						.05	.14	.95			.18					1.18		.95								3.56
CLEARFIELD	.01		.15	T		.44	.57						.35	.08			.29	.56		.20	.03	.77				.07		.98		.11	.04	4.87
COALDALE 2 NW		.05				.41	.10						.17	.04			.08	.01		.01	.19	.47	.93	.51			T	.06			T	3.83
COALPORT z			.10			.20							.40	1.43						.01	.05	.95	.42	.12								3.72
COATESVILLE 1 SW z			T			.21	.05	T						.30			.30	.41		T	T	.20	.60									2.51
COATESVILLE	.25		T			.20	.06	T						1.47	1.68	T	.01	.02				.02	.34	.34			.58	T			.05	4.77
COLUMBIA	T				.02	.04								1.47	1.39	T	.01	.02				.02	.33	.37	T		.51	T	.26		.50	5.38
CONFLUENCE 1 SW z	.16		.07	2.49		.05	.05						.71	.11			.10	.11			T	1.90	.20				T				.30	3.49
CONFLUENCE 1 NW	.25			2.21		.11	.03						.60	.64	.09		.19	.03	.21	.28	.35	.19	.18	T			.05		.48		.09	6.20
CONNELLSVILLE	.34			.63			.75						1.08	.60	.08		.25	.01	.06	.13	.46	.19	.35	.02			.06	.02	.08		.07	6.06
CONNELLSVILLE 4 N r			.37			.70							.74	.70			.26	.24	.06	.09	.03	.06	.03	T	T			.21			.07	4.21
CONSHOHOCKEN	.14					.16	.05					.75	.82			.29	.25	.09	.07	.02			.03			.02	.11	.09		.04		3.65
CORAOPOLIS DAM 2			T	.57			.08							.50	1.40		.03	.03				.24	.37	.17			1.45					4.84
CORRY			.16			1.12						.03	T	.15	T		1.29	.29				.01	.78				.03	.30			.31	3.81
COUDERSPORT					.26								1.36				.01				.50	.69	.43			T	.01	.97		T		5.28
COUDERSPORT 8 E													2.41								.46	.34	.02				.55				.11	4.15
COVINGTON						.05	.08						.42	.69								.89	.07				.12	.36			.24	2.79
CRESSON 1 E SUMMIT r	.06			.13	.06	.12						.05	.27	.34					.26	.08		.42	.08	.78				.18				2.54
CURWENSVILLE 6 NW AP		.13	.03		.30	.52						1.11	.56			T	.91				.18	.63	.92									3.62
CUSTER CITY 2 W SONGBIRD	.19					.15	.10						.89	.07			.09	T	T	.28	.48	1.32	.61			T	T	.05		.17			5.65
DANVILLE						.13							.95	.50			T	T				.88	.11	.84				.67			.25	4.15
DAUPHIN 3 N		T	.03	T			.09						*	*			*	*	.51	.29	.25	2.00	.25	1.10								5.47
DERRY	.18																						*	1.67			.05				.18	2.53
DINGMANS FERRY z	.20	.22	.02	.05	.05	1.05						.57	2.10	.20			.68		.12	T		.07	.30										
DONEGAL						.12	.18						T	.97					.12	.31		.29	.12	.10			T	.14			.38	5.91
DONORA	.10		.70	1.99	.14	.81	.02					.40	1.36	.09		.03	.25	.06	.10	T	.96	.36	.02			.02		T		.20	T	2.63
DOYLESTOWN	.07		.09	.36	.59	.50						.61	1.48	.03		.40	.06	T	T		.38	.07	.11			.09		.24		.19	.04	7.55
						.11	.05						T	.35	1.12		.09					.14	.96	T			.22			.04	.10	5.30
DRIFTWOOD r						.07						.31	1.02				.14				.76	.64	.77				.34	.04				3.25
DU BOIS 7 E z			.12			.92						.15	1.43	.02			.04			.49	.14	.61	1.93					.10				4.99
DUNLO r			-	-	.25	.24						.12	.63					.26		.10		.39	.03							.07		6.01
DUSHORE r					.03	.52							1.70				.06	.10			1.25	.28	1.18							*	.10	-
EAGLES MERE z						.30	T	.03					1.21	.49				T	.10	T		1.35	.82	1.70								.06	5.22
EAST WATERFORD 3 E		.01	.05		T	.28							T	.35			T	1.13		.37		.56	1.10	.14			T				.02	6.02
EBENSBURG				.07		.02							.71	.18			.22		.04			.56	1.70	.50			.03				T	3.99
ELIZABETHTOWN	.12					.04								.19	.08		.05	.03				.29	.90	.02			.15				.05	4.08
EMPORIUM z			T			.16							.34	.48			.02	.09			T	2.24	.56	.75				.20			.06	1.93
ENGLISH CENTER r					.30							.35	1.12							.12	.60	-	-							*	.16	5.00
ERIE	.40					.12	T						.69				.08		.25			.09	1.97	.55			.25	.01			.28	
ERIE WB CITY z		T	.03		T	.10	.19						.43	.54				.23	.22	.04		.16	.04	.75							.05	4.46
ERIE AIRPORT		.14				1.48	.01					.24	.12			T			T		.94	.03	.01			.05	.57	T		.74		2.70
EVERETT z	.09		.37			.23	.02					.54	.25			.01					2.05	.03	.10			.08	.22			.66		4.22
FARRELL SHARON	.49					.38	.27						.04	.05						.03		.11	.01	.02				.02				4.33
FORD CITY 4 S z				.05		.06	.08						2.55									.26	1.54	T			.86	.57			.09	1.39
FRANKLIN z	.39		.02				.58						.43	1.12			.28					.48	1.20	.11			.01	.44			.80	6.78
FREDERICKSVILLE 1 SE	.12	.03				.02	.07						.57	.19			.07	.25				.68	.95	.67			T	.30			.11	5.84
FREELAND						.23		.09						.71			.31				.10	.20	.82	.10				.03			.12	4.28
						.88	1.33						.20	3.47			.06	.03			.07	1.00	.23	T	.54							2.64
GALETON					.18																											7.72
GIGERTOWN	.16					.05							1.03						.05	.15	.85	.10	.70			T		.15			.05	3.26
GEORGE SCHOOL	.34					.01								1.73								.28	1.17	.34			.05				.07	3.85
GETTYSBURG	.04		.03		.38	.11							.35	.23	.19		.01					.21	.92	.18			1.37				.01	4.20
GETTYSBURG 1 S r			.04		.01	.50								.29	.02		.12	T		T	T	.04	.66	.04			T	T	.18		.08	1.61
				*									.60				.12				.06	.78	.02					.12			.14	2.38
GIFFORD			.16			.07	.07							1.18	.26							.55	.18	.37				.53			.28	3.75
GLENCOE r				1.40		.11	.52							.43								.30	.10									3.18
GLEN ROCK r	.64					.47							.20	.42	.20			T	.22	.10		1.24				.12	.56				.05	3.90
GLENWILLARD DASHIELDS DAM	.01			.65			.06						.01	.28			1.60					.01	1.95				.02	.37			.26	5.22
GOOD SPRINGS 1 NW r					.05	.44							1.11				.02		.06		.04	.60	.39									2.71

See reference notes following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GORDON			.08			.18							2.68						.04		.31	.56	.50	.59							.02	4.96
GOULDSBORO						.24	.32	.05					.56	1.65					.60	.02		.60	.06	.16			.36				T	4.62
GRANTVILLE	.16					.05							.92				.16	.31				.20	2.00			T				.43	T	4.23
GRATERFORD 2 SW	.32	T				.28	.43						1.14		.21		.30	.17				.13	.76	.39		.09				.11	.06	4.70
GREENSBORO L 7				.71	.03	.09	.55						.03	1.10	.05		.08	.01	.16		.24	.73	.15	.07			.07	.02	.01		.03	4.16
GREENSBURG 2 S FLTS STA	.18		T	.45	.25	.40							2.62	1.11			.48	T			.05	.01	.25	.01		T	T	.14			.73	6.68
GREENSBURG 2 E HWY SHED			.80		.01	.10						.69	2.07	.03		.06	.77				.07	.18	.20				.11	.06		.35		5.50
GREENSBURG 3 SE UNITY				1.14	.10	.04							2.49	.44									.20	.60				.15	.09			5.25
GREENVILLE	.12		.04	.28		.09						.06	1.49			.50	.31				.08	.65	1.30				.23	.29		T		5.44
HANOVER	.07	.02	.04			.13	.26						T	.20	.08		T	.22	T	.01		.01	.77	.04			1.26	.01	.15		.02	3.29
HARRISBURG 3 S WB AP z		T	.01		.06	.01	T						.02	.01			.19	T	T		.29	1.49	.02			T	T				.01	2.02
HARRISBURG NORTH		.03	.02			.07	.10							.17			.20	.27				.21	3.07	.31			T					4.45
HAWLEY		T				.04	.89	.10					.57	.66					.02	.01	.01	.30	.03	.21								2.84
HAWLEY 1 S WALLEN DAM z							.61	.06					.49	.77							T	.29	.01	.27								2.50
HEWITT 2 S z				.24	.08	.70							.08	.02					.26		.20	.03	.20								.12	1.93
HOLLIDAYSBURG r												.07	.38				.21				.02	.32	.57							.04		1.61
HOLLISTERVILLE		.01				.39	1.01	.02					.99	1.11					.33	.13		.49	.01	.48			.01		T			5.28
HOLTWOOD z	.65	.05	T			.05	.05							.05	1.24	.01				.18	.02	.01	.26	T			.69	T	.04		T	3.12
HOME r						.70						1.49	1.61	.01		*	1.70				.45	.69	.18				.19	.01		.31		7.43
HONESDALE 4 NW						.02	.57						.43	.09					.81	.19		.49	.14	.39				T					3.04
HONESDALE 6 N TNS FL r					.35	.40							.49					1.10	.06		.20		.37									2.97
HOOVERSVILLE				.96	05	.04	.50						.38	.20			.05	.04	.04	.06		.94	.18				.03				.11	2.56
HOP BOTTOM 2 S						.08	.50						.34	.22				.05	.06	.30		2.05	.07	.92			.03				.02	4.64
HUNTINGDON			.15				.45						.05	.42	T			.23				.05	2.22	.20								3.76
HUNTSDALE z			.04				.12							.20	.05		.03	.07				.03	2.95	.03							T	4.42
HYNDMAN				1.30	T	.06	.69						T	.32			.05		T	T	T	.45	T				T		T			2.87
INDIANA 2 SE z						.09						.09	.87	.33			.40				.06	.72	.29			.61		.02		.06	.02	2.99
INDIANA	.03					.11							.89	.21		*	.27				.03	.10	.90	.04		.01		.03			.11	2.75
IRWIN	.30			.30	.01	.26							1.17	.62		T	.13		T	.05	.12	.02	.69	.23		T	.02	.32			.16	4.42
JACKSON SUMMIT r					.26	.09	.03					.30	.71				.24				.59		.70				*	.20		.11		3.23
JAMESTOWN 2 NW z	.37	.02	.03	.27		.14	.04						.20				.50					.35	1.13	.50			.15	.22			T	4.06
JOHNSTOWN 1	.10		T	.86		.22	.63						.50	.54			.09	.04	T	T	T	.16	.16	T			.01				.07	3.38
JOHNSTOWN 2 r			.41	.32	.21	.54						.21	.48				.13					.39								.12		2.81
JUNIATA HOUSE	.04		.12			.15							.44				.86				.04	.69	.19									2.63
KANE 1 NW		.01	.01		.26	.05						.28	1.75			T		T	T	T	1.07	.19	.73			.11	.23	.31		.08		5.11
KANE 5 SE z		.01	.01		.24	.04						.37	1.59								1.03	.15	.70			.08	.52	.05		.05		4.84
KARTHAUS			.08			.22	1.35						.55	.33			.50	.40			.30	.19	1.25	1.20			T	.02			.07	6.46
KIRKWOOD 1 SW r						.41								.62								.30					.73		*	*	.53	2.59
KREGAR 4 SE			.28	1.21	.18	1.34	.05					.40	1.05	.04		.04	.21	.57	.02	.01	.72	.14	.21			.02		.09		.14	.04	6.77
KRESGEVILLE 3 NW		.05				.56	.27	.04					.05	.37				T		.06		1.22	.11							T		2.73
LAFAYETTE MC KEAN PARK	.03		.09			.07	.04						.73	.24						T		.96	.26	.27			T	.36			.20	3.25
LAKEVILLE 1 N		.04				.08	.91	.02					.96	.44					T	T	T	.41	*	.29								3.12
LAMPETER SCS 1 A r			*										*	*			*					*	*	*		*	*			*	3.20	3.20
LANCASTER 2 NE PUMP STA	.15		.01											.73	.14		.04					.07	1.28	.21			.11			.39	.07	3.22
LANCASTER 2 NE FLTR PLT													.65	.09			.04					.22	1.06			.03	.05			*	.44	2.58
LANCASTER 3 NE EXP FARM	.19	.01	.01			.03	T							.68	.39		.08	T				.11	1.48	.18			.02				.08	3.26
LANSFORD		.10				.51	.19	.08					.98	1.68					.02		T	1.22	.40	.12							.01	3.92
LANSFORD FOREMANS SHOP						.38	.18	.04					.25	1.05						.02	.01	1.21	.40	.11								3.75
LATROBE	.12			.18		.15	.56						.92	1.06			.25	.35				.09	.24	T		T		.12			.52	4.50
LAURELTON STATE VLGE r					.33	.24							1.02				.10			1.59		.33	.45								4.06
LAWRENCEVILLE					.26	.08	.10						1.75				T		.05		.48	.20	.42			T				.35	3.69
LEBANON		.26	T			.03	.13	T						.48			T	.06	.09			.27	2.07	1.49			.04					4.92
LEBANON 3 SW r	.24					.06							.70					.09			.31	2.11	1.70									5.21
LECONTES MILLS 5 NW			.10			.11	.23						.31	.14			T	T			1.32	.47	1.07	.65			T	.06			.04	4.50
LEHIGHTON z		.10				.32	.07	T					.10	.40				T				2.10	.50	.05			T				.02	3.66
LE ROY						.16							.85						.56			.55	1.25				.24					3.62
LEWIS RUN 3 S	.01		T	T	T	.05	.05	T					1.48	.79	T	T	T			T		.64	.15	.17					.47	T		.30	4.11
LEWISTOWN z			.13			.02	.95						T	.35			.13	.50	.01		T	.31	.91	.04							.02	2.47
LINESVILLE 6 NW PENN LINE			T	.27		.03							.95				.17					.61	.70	.59			.05	.75				4.32
LOCK HAVEN 2 c	-	-	-	-	-	.57						.21	1.51				.10			.18	.01	.11	.75									-
LONG POND		.02				.36	.30	.11					.20	1.06				.03	.40	.04		1.00	.26	.10			.10					3.98
LYCIPPUS 1 E			T	1.70	T	.87	.05						.75	.35		T	.40		T		T	T	.30				.17				.14	4.53
MAPLE GLEN	.15					.13	.19							.61	1.80		.03					.1	.60	.25			.69					4.61
MAPLETON DEPOT	.05		.12				.25						.01	.15			T	.61		.02		.44	.81	.36			T					3.32
MARCUS HOOK	.64		.02			T	.84						T	.07	.22	.04	.06	.30	T			.01	.10	.15			.01	.01				2.30
MARIENVILLE r		.02	.10			.16						.72	.87				-					.45	1.20			.03	.30		.10		-
MARSHBURG	.02		.05			.16							.9.	.45						.03		.32	.50	.72				.81		.30	4.33
MARTINSBURG r			.04		.07							.06	.64				.27	.15	.12		.11	.29	.02							.02		1.82
MARTINSBURG BLAIR CO AP			T		.07	.02	T					.04	.62				.37	.11	.09		.15	.56	.04			T				.02		2.12
MATAMORAS	.43						.36							2.23								.92	.08				1.16					5.18
MAUCH CHUNK 1 SW	.09					.68	.36						.47	.20								1.65	.43	.26							T	4.14
MC CONNELLSBURG						.15							T				T	.18				.60	T								T	.93
MC CONNELLSTOWN 4 NW	T		.11	T		T	.15						.02	.55			.27	.23				.01	.46	.11			T					1.90
MC KEESPORT	.02			.20		.19	.05	.04					.40	.12			.48	.40				.04	.59				T	.22				2.85
MEADVILLE 1 S z	.88					.04	.01						.48	.03			.62					.38	.76	.41			.06	.14			.06	3.87
MEDIX RUN r			.07		.08	.14						.08	1.46							1.26	.23	1.20	.60				.36	.10				5.52
MERCER 5 NE WB AIRPORT		.02	.12	.20	T	.26						.38	.65			.17	T				.69	2.01	.48			.17	.52			.43		6.11
MERCERSBURG						.07							T	.04			.02	1.08					.03	.03			.25				.13	1.65
MERWINSBURG r					.14	.34							.27								1.10	.03	.47									2.35
MEYERSDALE	.07			.53		.05	.60						.04	.53			.12		.04	.03	.10	.23	.11				.03		.01		1.04	3.53
MIDDLETOWN OLMSTED FLD	T	T	T		T	T	T						.16				.14	T			T	1.17	T							T	T	1.47
MIDLAND DAM NO 7 LOWER	T			.01			.11						.01	.15			.77	.11		T		T	.89				.03	.40			.06	2.54
MILAN r						.08						.06	1.91								.89	.53	.02				.09			-		2.17
MILANVILLE						.05	.21	.04					.13	.56					.14			.18	.07	.49			T					3.09
MILLERSBURG 2 E r													.58					.37	.43		.05	.89	.77									3.09
MILLVILLE r	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				.62	.04	.34									-
MILROY					.12					.31										1.09	T	.32	.45	.35								2.64
MONROE FURNACE r		.07										*	1.70				.90			.06	.43	.41	.31						.03			3.91
MONROETON 2 S	.01					.08	.47	.02					.34	.57				.01	.07	.09	T	1.10	.11	1.01			T	.03			T		3.91
MONTROSE 3 E HWY SHED						T	1.10	.03					.37	.42				.48		.01		.41	.07	1.28			T	.01					4.18
MONTROSE r						1.06	*	.33					.98				.48		.01		*	*	1.50				.01					4.37
MOSGROVE L 8				.06		.02	.17						.18	.82			.11	.11				.05	.69	.07			T	.12			.16	2.56
MOUNT POCONO 2 N WB AP z	.27				.19	.06	.10						1.13				T	.56			1.00	T	.22			.18	T				.01	3.82
MOUNT UNION 1 NW r			.11	.03		.43							.11				.52		.16		.53	.63	.31									2.83
MURRYSVILLE r			.40		.04	.42						.73	.76			.24	.47					.77	.12				.08	.05				4.08
MEYERSTOWN		.20					.08							.27	.03		.03					*	1.54	.62								2.77
NATRONA L 4				T			.51						.40	1.19			.63	.73				.04	1.43	T			T	.27			.22	5.42
NEFFS MILLS 4 NE z	.03		.13			T	.11						.06	1.02			.34	.20				.56	.27	.21							.10	3.12
NEWBURG 3 W			.13									.01	.93				.32				.18	.31	.14									1.12
NEW CASTLE 1 N z	.01			.42		.05						.80	.10			.15	T				.25	.20	.93			.01	.14	.02			.06	3.14

See reference notes following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

PENNSYLVANIA
JULY 1948

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEWELL			.53				.17							1.10								.10									
NEW PARK			.01			.10								.10	.14			.21		.30			1.20				.20	.18				2.21
NEWPORT		T	.10			T	.26						.80	1.10				.20	.14			.33	.60	.30			.30				3.83
NEW TRIPOLI	.05					.04	.01						.70	.01			.04				.16	.52	.41	.23			T				2.17
NORRISTOWN	.15					T	.05	T						.69	1.17		.04	T				.26	.67	.46			1.11				4.60
ORWELL 3 N	.15					.02							.62	.71																	
PALM	.12	.05				.25		.55						.80				.34		.19		1.30	.88	.82				.07		.09	5.12
PALMERTON z	.14			.24	.11	T												.15				.28	1.15	.08							3.43
PARKERS LANDING			.08			.15							.31				T		T	T	.86	.10	.41			T				.10	
PARKERS LANDING 1 E r			.03			.19						1.34	1.26	.42			.08					.13	1.75	.10			.20	.17			
						.19							.74				.08				.08	1.36	.83			.19	.10		.03		4.69
PARK PLACE 1 NW WB AP	T	T			.29	.17	.06						1.89				T		T	.16	.69	.78	.40	T							4.89
PAUPACK		.14				.08	.75	.05					.50	1.78					.02	.05		.35	.08	.32			.02					1.44
PECKS POND						.30	.67	.03					2.61	1.22						.33		.52	.08	.92			.57				.01	4.14
PHIL DREXEL INST OF TEC	T					.80	T						.57	.69			.08					.48	.90				.38	T			1	6.36
PHILADELPHIA WB AIRPORT z	T				T	.35	.01						.35	.13			.15				T	.08	.47			T	.36	T				3.90
PHILADELPHIA PT BREEZE z						.49	.04						.42	.23			T					.12	.18	.41			.56				.64	1.90
PHILADELPHIA SHAWMONT	.39					.25	.05						*	.89	1.57		T					.10	T	.28			1.58				.06	2.49
PHILADELPHIA WB CITY z						.57	T						.30	.60	.04		.05					.49	.79				.53	T			.06	5.14
PHILLIPSBURG 7 E WB AP r	.07					.14	.10							.46			T	T	.25		.05	.60	.37	.25							.03	3.40
PHOENIXVILLE 1 E PUMP STA z		.18				.17								1.93	1.26		.08					.32	.84	.08	.29		1.05	.91				6.29
PIKES CREEK r					.38	.09							.93					.60	.10		.85		.35	.05							6.18
PINE GROVE 1 NE		T	T				.20						T	.53	T			.04		.01		T	.77	.36			T	f		T		
PINE GROVE MILLS 1 S r		.07				.04						.06	1.21				1.18			.05	.39	.17	.05								3.35
PITTSBURGH 7 SE WB AP z			.01	.09		.50						.01	.04			.67	.55		T	T	.09	.52	.06			T	.19	.08		.02		1.91
PITTSBURGH WB CITY z			.12	.09		.34						.16	.35			1.12	.45		T		T	.36	T			T	.15	.02		.31		3.22
PLEASANT MOUNT 1 W z						.34	.37						.38	.17						.03		.34	.04	.39			.63					2.83
PORT ALLEGANY	.03		T			.12	.03						1.20	.73				.04		.03		.56	.21	.55			.12	.56			.02	3.49
PORT ALLEGANY 3 SW					.11								1.04	1.06			.04					.56	.21	.52			.10	.06				2.09
PORT CLINTON z		.23	.02			.26	.07						.06	.26				.03			.02	2.10	.62	.06						.03	4.20
PORTLAND		.03				.29	.33							.20				.03	.04			.92	.07	.24						.02	4.25
POTTSTOWN	.14						.08	.46						1.23	.50		.09	.04				.14	1.68	.19		T					3.76
POTTSVILLE		.23					.02							.30				T			.15	1.00	.82	.24							2.17
POTTSVILLE BRIDGE		.16					.02						.04	.21							.18	1.09	.78	.20						.07	4.75
PUNXSUTAWNEY 1	.04		T			.05	.21						.40	.55			.13	.11			.14	.40	1.13	.06			.02	.25		.06	2.76
PUNXSUTAWNEY 2 r					.01	.20						.30	.60				.17			.12	.36	.38	.70				.20		.02	.05		2.75
PUTNEYVILLE 2 SE z	.02	.02	.04			.20	.22						.28	.90			.01	.08			1.25	.09	1.35	.02		.02	.17			.16	3.58
QUAKERTOWN	.15				.05	.18	.02						1.14				.10					.24	.75				.02			.06	3.09
READING WB CITY z	.10				T	.23							.93				.01		T		.01	.31	.86			T	T			.06	4.83
RENOVO							.12						.86	.95			T	.49			1.40	1.38	.61	.94			T	.18		.06	2.71
RENOVO 6 S STATE CAMP r						.33						.40	1.96				.07			.10	.60	.44	-	-			.07				2.51
RETREAT FARMS						1.45							1.46	.05						.18	.06	.58	.93	.05			.07			.01	6.89
REW	.08					.10	.10						1.01	.18							T	.71	.13	.29				.73		.46	4.84
RICES LANDING L 6				.60	.30	.53	.63						.22	1.24			.47		.32		.22	.13	.05				.02	.16		.07	3.79
RIDGWAY z	.02		T	T		.13							.32	.03				.66		T		.55	1.64	.39			T	.65		.21	4.96
RINGTOWN 1 SW													1.70								.30	1.80									4.60
ROCHESTER 1 N r			.48	.60		.11						.12	.30			.87					.07	.61	1.02			.01	.46	.03		.14		3.80
RUSH 6 S							.50						.61	.65				.22		.04		1.20	.23	.80								4.82
SAFE HARBOR	.43		.28			.05	.05							.06	.10								1.13				1.16					4.25
SALTSBURG	.11						.39						1.77	.29			.27	.39				.06	.99	.28			.01	.06		.19		3.26
SAXTON z	.13		T			.19							.04	.13			.02						.37	T						T		4.81
SCANDIA r						.10						.94	.52								.75	.41	.36				.62	.11		.11		.88
SCHENLEY L 5	.03						.45						.65	.66			.49	.08				.07	2.03	.27			.01	.21		.80		3.92
SCRANTON WB CITY r	.04				.22	.94							3.12					1.16	.40		.66		.52						.01			5.75
SELINSGROVE AIRPORT	T				T	.94							.07				.06		T		.30	.16	1.32								7.07
SELLERSVILLE 2 NW r						.10							.08									*	.32								2.85
SEWARD	.11			.54			.96						.98	.58			.43	.56	.10	.02			2.13	.10							.50
SHADE GAP r					.08			.08						.44			.03		44			.22	.06							.13	6.64
SHARPSVILLE	.52			.83		.01	.38						2.12	.01			.22					.25	1.64	.08			.32	.56				.91
SHEFFIELD 6 W CHY GRV r	.07		.06			.05						.70	1.50								.80	.24	.35				.45	.02				6.99
SHIPPENSBURG						.95								.21			T		T		.10	.15	1.05							.02	.01	4.24
SMETHPORT HIGHWAY SHED r						.02						.45	1.06	.04			.05	.01			.58	.10	.85			.15	.01	.26				2.49
SOMERSET WATER WORKS	.16		.06	1.60	.02	1.58	.03						.62	.24		T	.03	T	.02	T	.09	.36	.11				.02					3.58
SOMERSET 2 E SUBSTATION	.10			1.50	*		1.45																.95							11		5.05
SOUTH CANAAN 1 E r	.10		.05			*	1.40						1.01					.11	.13		.36		.40							.15		4.15
SOUTH MOUNTAIN		T				.34								.56	.06		.08	.07	T	.15		.17	.48	.03				.11		.18		3.56
SPRING GROVE z	.10		.01			.76							.02	.10	.29		T	.26	T		T		1.13				.11			.05		2.23
SPRINGS 1 SW	.02		1.40	2.21	.05	.22	.01					.01	.28	.20		.12	.02	.28	.60	.80	.28	.28	.01			.04		.13		.11	.53	3.13
SPRUCE CREEK	.05		.35		.10	.05	.07						.26	.94			.16		.05			T	.29	.14			T			.03		7.60
STATE COLLEGE z		.03	.05		.04	.17						.03	.61			T	.80		.12	.03	.22	.82	.05		T				.06		2.49
STRAUSSTOWN	T	.39				.35	.08						.17	.26	.17		.03	.04				.01	.78	.24			.03					3.03
STRONGSTOWN r						.03						.65	.33				.45				.39	1.77	.35			.05			.14		2.57
STROUDSBURG SUBSTATION r			.02			.31	.03	T					.01	.12				T	.08			1.01	.26	.03							4.16
STROUDSBURG r					.28	.03						.24	.19								1.03	.28									1.87
SUNBURY z			T			.02	.76						.25	.25				T		.10	.52	.58	.56	.70								2.05
SUNBURY 2 N AIRPORT					T	.52							.69				.05		.19	.50	1.16	.44	.52						T			3.74
SUTERSVILLE	.20			.10		.35	T						.68	1.00			.26	.06	T			.98	.24	.08		T	.04	.18			.45	4.07
TAMAQUA		.19											.46	1.27								1.69		.10								4.62
TAMAQUA 4 N STL CR DAM z						.45	.33						.24	1.13						.01	.05	1.33	.48	.25								3.98
TAMARACK 2 S FIRE TWR	T		.01			.02	T	T					.31	1.45		T	.03	.66		T	1.78	1.43	.44	.19			.14					4.27
TIONESTA 2 SE DAM z	.22		.01			.35	.03		T				1.40	.08			.11	T				.84	1.07	.41			.04	.60				6.46
TITUSVILLE 2 S						.40						.02	.96				.11				.25	.67	1.15			.02	*	.12				5.16
TITUSVILLE r		.03				.33						.70	.25			.15				.03	.43	.70	.73				.10					3.70
TOWANDA z	.03				.05	.23	.01						.70	T			.18	.03	1.06	.06	.57	.81	1.37			T	T	.09			.03		3.45
TOWER CITY 5 SW	T			T		.58							.62					.16	.06			.10	1.01	.23								5.31
TUNKHANNOCK 1 S z						.37	.38						.43	.95					.22	.05		.34	.06	1.07								2.76
TUNNELTON // r						.49						.68	.69			.04	.12					.80	.70				.04		.03			3.87
TYRONE 4 NE BALD EAGLE r		.03	.05			.41						.14	.86				.70			.02	.66	1.54	.20					.03			3.59
UNION CITY 1 W r		.03	.03			.02						.47	.35			.01					.94	.14	.60				.68	.01				4.67
UNIONTOWN			.08	.41	.07	.05						.13	1.00	.17		.16		.03	.01	.21	.14	.03	.01			.04		.23		.07		3.33
VANDERGRIFT r							.60						.42	1.55			.40	.65				.08	1.00	T			T	.25		.02		2.79
VANDERGRIFT 2 W						.69						.98	1.27			.21	.31				.09	1.01	.12				.09	.01		.08		5.01
VIRGINVILLE	.02	.11				.06	.09	T						.63			.06	.03				.74	.47	.03			.52					4.77
WARREN	.40					.29	.04						.95	.10								.71	.54	.48						.17		2.76
WASHINGTON r			.40			.24										.90					.14	.44				.19	.02		.07		4.18
WATROUS 9 S LEE FIRE TWR			.04			.06	.01						.52	.07				.03		.04		.90	.33	.86			.05	.19			.07	2.42
WATSONTOWN			T			.23	T					T	2.73				.07	T		.85	.27	1.11	1.04	T						.17	3.17
WAYNESBURG 2 W r			.09		.21	.69						.03	1.54	.13				.27		.21	.93		.19				.19	.01		.04		6.47
WAYNESBURG 1 E			T	.43	T	.16	.60						.15	1.41	.04		.02		.25	T	.24	1.16	.08	.21			.02	.12			.25		4.53
WEBSTER MILLS 3 SW r			.15										.25								.18	.02									5.14
WELLSBORO			.02			.19	.04	.01					.63	.50					.18	.01	.02	.71	.15	.79				.22	.01		.04		.60
WELLSBORO 2 E r		.02			.13	.03						.34	.82		.36	.57	.40			.03	.61	.07	.76				.18		.42			3.82
WELLSVILLE	.30		.05			.07															T	.04	1.30			T	T		.17	.04		3.01

See reference note following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

PENNSYLVANIA
JULY 1948

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WELLSBORO 2 E r		.02			.13	.03						.34	.82							.03	.61	.07	.76					.18		.02		3.01
WELLSVILLE	.30		.05			.07								.36	.57		.40				T	.04	1.30			T	T		.17	.04	3.30
WERNERSVILLE	.03		.01			.17							.24		T		.02		T			.23	.62	.50		T				T	1.82
WEST CHESTER	.03		T			.24							.59	.36			.11					.03	.83			1.25	T			.02	3.46
WEST GROVE 1 SE	1.16		T			.11	.34							T	.24		.12						.31	.08		.39					2.75
WEST NEWTON	.15			.32		.43	.35						1.46	1.81			.31					.82	.24	.04		.06	.22			.31	6.52
WILKES-BARRE						.29	T	T					1.67	.77					1.01	T		.50	T	.47		.20				T	4.91
WILLIAMSPORT 4 SE	.03		.05			.23							1.01	1.00				.11		.15		.09	.63	.63						.08	4.01
WILLIAMSPORT 4 E WB AP		T			.47							.06	1.19				.14		.06	.08	.87	.36	.74		T				.30		4.27
WILLIAMSPORT z					.46								1.18				.18			.08	1.01	.30	1.01						.30		4.52
WILLIAMSTOWN					.15	.05							.18	.62				.18	.15			.11	1.04	.44							2.92
WIND GAP 3 SW r	.06				.54	.22							.94				.06				1.10	.06	.16						.92	.06	3.22
YORK 3 SW PUMPING STA	.37		.04			.34	.02						.14	.02	.17			.06			.02		1.10			.32				.06	2.66
YORK 2 S FILTER PLANT r	.20					.57							.15	.13			.04					1.45	.02		.34						2.90
YORK HAVEN	.08	.02	T			.32								.09	.01		.04	.04				.21	1.45	.01		.20	T			.06	2.53
YOUNGSVILLE r						.42						.71	.48								-	-	-			.54	.03		-		-
ZIONSVILLE 1 SW	.20					.22	.12							.70			.10					1.05	1.10	.10						.08		3.67

See reference notes following Station Index

TABLE 4

HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1st																									
ALLENTOWN WB AIRPORT																	.01	.01							.02
BETHLEHEM LEHIGH UNIV																.01									.01
CHARLEROI		.05	.10																						.15
CRESSON 1 E SUMMIT					.01		.01		.01				.03												.06
GLEN ROCK													.27	.02	.02	.01						.17	.15		.64
HAWLEY 1 S WALLEN DAM															.02										.02
HOLTWOOD																.04									.04
LEBANON 3 SW													.17	.07											.24
LEHIGHTON															.08										.08
MOUNT POCONO 2 N WB AIRPORT //															.12	.12	.03								.27
PHOENIXVILLE 1 E PUMP STATION								.01	.02																.03
PORT CLINTON														.18	.07										.25
READING WB CITY															.10										.10
SCRANTON WB CITY													.02	.02											.04
SHEFFIELD 6 W CHERRY GROVE			*	*	.02						.01					.01		.01	.01	.01					.07
SOUTH CANAAN 1 E								*	*	*	*	*	*	.10											.10
SPRING GROVE															.04										.04
TAMAQUA 4 N STILL CREEK DAM														.02											.02
WAYNESBURG 2 W																								.09	.09
WIND GAP 3 SW															.03	.03									.06
YORK 2 S FILTER PLANT															.20										.20
2d																									
ALLENS MILLS																				.10	.01				.11
BLAIN																							.01	.02	.03
CLARION 3 SW																			.02						.02
COALPORT																					.06	.03			.09
CURWENSVILLE 6 NW AIRPORT 6																					*	*	*	.13	
ERIE AIRPORT 6															*	*	*	*	*	.14					
KANE 5 SE								.01																	.01
LEWISTOWN																							.02	.02	.04
LOCK HAVEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARIENVILLE																					.01		.01		.02
MERCER 5 NE WB AIRPORT 6															*	*	*	*	*	.02					
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONROE FURNACE																						.03	.04		.07
NEFFS MILLS 4 NE																					.01	.05	.04		.10
PHILLIPSBURG 7 E WB AIRPORT																					.04	.05			.09
PINE GROVE MILLS 1 S																						.05	.02		.07
STATE COLLEGE																						.01	.02		.03
TITUSVILLE																						.01	.01	.01	.03
TYRONE 4 NE BALD EAGLE																					.01	.02			.03
UNION CITY 1 W																		.02			.01				.03
WELLSBORO 2 E																					.02				.02
3d																									
ALLENS MILLS			.06		.04																				.10
BLAIRSVILLE 6 ENE 6																					*	*	*	.30	
BOSWELL														*	*	*	*	*	*	*	*	.16	.21	.39	.76
BUCKSTOWN														.01								*	*	*	*
BUTLER SUBSTATION			.01					.01													.01				.04
CHARLEROI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONFLUENCE 1 SW							.05	.02									.01	.26	.25	.35	.23	.25	.38	.47	2.27
CONNELLSVILLE 4 N							.04										.03	.05				.11	.13	.01	.37
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.03																	
DUNLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ERIE WB CITY			.03																						.03
GETTYSBURG 1 S							.01	.01	.01	.01															.04
GLENCOE																						.30	.20	.25	.75
GREENSBURG 2 E HIGHWAY SHED																	.28					.42	.10		.80
HARRISBURG 3 S WB AIRPORT						.01																			.01
JAMESTOWN 2 NW																				.08					.08
JOHNSTOWN 2																		.41							.41
KANE 5 SE															.01										.01
LAMPETER SCS 1 A		*	*	*	*	*	*	*																	*
LEWISTOWN		.01	.05																						.06
LOCK HAVEN 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARIENVILLE		.03	.03	.01	.01	.01		.01																	.10
MARTINSBURG														.04											.04
MEDIX RUN		.03	.04																						.07
MERCER 5 NE WB AIRPORT 6																*	*	*	*	.04	*	*	*	.08	
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT UNION 1 NW						.10	.01																		.11
MURRYSVILLE																	.22	.19				.03	.04	.01	.40
PARKERS LANDING 1 E																						.03			.03
PHILLIPSBURG 7 E WB AIRPORT				.03																					.03
PITTSBURGH 7 SE WB AIRPORT //																								.01	.01
PITTSBURGH WB CITY																							.10	.02	.12
ROCHESTER 1 N																							.02		.48
SHEFFIELD 6 W CHERRY GROVE		.05		.01																					.06
SOUTH CANAAN 1 E		*	*	*	*	*	*	.05																	.05
STATE COLLEGE			.01	.04																					.05
TYRONE 4 NE BALD EAGLE					.04	.01																			.05
UNION CITY 1 W	.01		.02																						.03
WASHINGTON																						.39	.01		.40
WAYNESBURG 2 W																								.09	.09
4th																									
BLAIRSVILLE 6 ENE 6	*	.02	*	*	*	*	*	.01																	
BUCKSTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.36								2.36
CHARLEROI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONFLUENCE 1 SW	.10	.01	.01																						.12
CRESSON 1 E SUMMIT																		.13							.13
DUNLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EVERETT	.30																								.30
GLENCOE	.57		.03	.05																					.65
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JAMESTOWN 2 NW			.13	.01	.01		.03	.03							.01										.22
JOHNSTOWN 2	*	*	.32																						.32
LOCK HAVEN 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MERCER 5 NE WB AIRPORT 6			*	*	*	*	*	.20																	
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOUNT UNION 1 NW //													.03												.03
NEW CASTLE 1 N				.20		.18																			.38
PITTSBURGH 7 SE WB AIRPORT //				.02	.04	.03																			.09
PITTSBURGH WB CITY						.04	.05																		.09
ROCHESTER 1 N			.20	.40																					.60
												5th													
ALLENS MILLS																					.01	.27			.28
ALLENTOWN WB AIRPORT																							.02		.02
AUSTINBURG 2 W																.83	.07								.90
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.15	*	*	*	.10	
BLAKESLEE CORNERS																	.11	.01					.33	.03	.48
BROOKVILLE AIRPORT 6																					*	*	*	.04	
CHAMBERSBURG																			.10					.18	.28
CHARLEROI															1.10	.35									1.45
CLARION 3 SW																						.02			.02
COALPORT													.24	.07	.01										.32
CONFLUENCE 1 SW																	.04	.01							.05
CRESSON 1 E SUMMIT																	.06								
CURWENSVILLE 6 NW AIRPORT 6																					*	*	*	.30	.30
DINGMANS FERRY														*	*	*	*	*	*	*	*	*	*	*	*
DUNLO																						.11		.14	.25
DUSHORE																	.03								.03
EAGLES MERE															.04	.02					.01				.07
EMPORIUM													.07	.07											.14
ENGLISH CENTER														.16	.02	.08	.01				.01	.02			.30
EVERETT																	.21	.05				.10	.02		.38
GETTYSBURG 1 S																				*	*	*		*	*
GLENCOE																					.04	.06	.01		.11
GOOD SPRINGS 1 NW																								.05	.05
GREENSBURG 2 E HIGHWAY SHED																	.01								.01
HARRISBURG 3 S WB AIRPORT																.02	.04								.06
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HONESDALE 6 N TANNERS FALLS //															.02	.31	.02								.35
JACKSON SUMMIT																		.26							.26
JOHNSTOWN 2																							.14	.07	.21
KANE 5 SE														.23	.01										.24
LAURELTON 2 N STATE VILLAGE																		.06	.02	.01			.01	.32	.33
LEHIGHTON																							.10	.17	.36
LOCK HAVEN 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARTINSBURG																						.06	.01		
MARTINSBURG BLAIR CO AIRPORT 6																					*	*	*	.07	.07
MEDIX RUN																						.08			.08
MERWINSBURG																		.01					.07	.06	.14
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT POCONO 2 N WB AIRPORT //																		.08	.01					.10	.19
MURRYSVILLE																						.04			
PARK PLACE 1 NW WB AIRPORT 6																					*	*	*	.29	.29
PHILLIPSBURG 7 E WB AIRPORT																						.10	.10	.05	.25
PIKES CREEK														.06	.02	.04	.05		.01		.08	.12			.38
PLEASANT MOUNT 1 W													.10	.17		.04	.01		.02						.34
PORT CLINTON																.01			.08						.09
PUNXSUTAWNEY 2																							.01		.01
PUTNEYVILLE 2 SE																						.10	.02		.12
SAXTON																	.01					.19			.20
SCRANTON WB CITY																.16	.05	.01							.22
SHADE GAP																						.06	.02		.08
SPRING GROVE																								.02	.02
STATE COLLEGE																							.04		.04
STROUDSBURG																		.16	.01	.03				.08	.28
TAMAQUA 4 N STILL CREEK DAM																	.01		.01			.02	.19	.20	.43
TOWANDA																			.07						.07
TUNKHANNOCK 1 S															.01	.34	.01								.36
WAYNESBURG 2 W														.21											.21
WEBSTER MILLS 3 SW																			.15						.15
WELLSBORO 2 E														.13											
WILLIAMSPORT 4 E WB AIRPORT 6															*	*	*	*	*	.38	*	*	*	.09	.47
WILLIAMSPORT																.26		.14		.02	.02	.01	.01		.46
WIND GAP 3 SW																		.01		.05				.48	.54
												6th													
ALLENS MILLS				.01		.08	.06	.20			.22														
ALLENTOWN WB AIRPORT				.02										.01	.08			.12							.57
AUSTINBURG 2 W					.01	.03	.01																		.23
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.14	*	*	*	.01	.05
BETHLEHEM LEHIGH UNIV	.01		.04	.22	.01										.04			.14							.46
BLAIN													.25	.02											.27
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.35	*	*	*	*	*	.49					
BLAKESLEE CORNERS														.58	.01	.04									.63
BOSWELL													.54		.01		.01							.01	
BROOKVILLE AIRPORT 6			*	*	*	*	*	.02	*	*	*	*	*	.07											.09
BUCKSTOWN													.79												.79
BUTLER SUBSTATION								.39																	.39
CANTON 1 NW														.05			.02						.02		.09
CARTER CAMP														.06								.05			.11
CHARLEROI													.45												.45
CLARION 3 SW							.05				.01														.06
COALPORT												.10													.10
COATESVILLE 1 SW	.20					.02	.01								.03										.26
CONFLUENCE 1 SW																		.02							.02
CONNELLSVILLE 4 N												.60	.10												.70
CRESSON 1 E SUMMIT												.06		.06											.12
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.04	*	*	*	*	*	.48											
DINGMANS FERRY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DRIFTWOOD							.01	.01			.01	.04													.07
DUNLO													.02	.01	.01	.20									.24
DUSHORE															.52										.52
ERIE WB CITY			.77	.71																					1.48
ERIE AIRPORT 6			*	*	*	*	*	.23																	
EVERETT														*	*	*	*	*	*	*	*	*	*	*	*
FORD CITY 4 S //								.20	.03		.04	.27													.54

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FRANKLIN							.08																		
GETTYSBURG 1 S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.50					.08
GLENCOE													.41	.20											.50
GLEN ROCK												.07	.38	.02											.61
GOOD SPRINGS 1 NW	.05	.01	.01										.19			.18									.47
GREENSBURG 2 E HIGHWAY SHED									.01				.09												.44
HARRISBURG 3 S WB AIRPORT														.01											.10
HAWLEY 1 S WALLEN DAM															.14	.40									.01
HEWITT 2 S														.63											.54
HOLTWOOD		.03																							.63
HOME				.01	.01	.01	.01	.02	.17			.47													.03
HONESDALE 6 N TANNERS FALLS //															.35	.05									.70
HUNTSDALE														.10											.40
INDIANA 2 SE												.10													.10
JACKSON SUMMIT											.01	.04	.01		.01										.10
JAMESTOWN 2 NW				.01	.02	.07																		.02	.09
JOHNSTOWN 2													.21		.33										.10
KANE 5 SE					.02	.01	.01																		.54
KIRKWOOD 1 SW								.13							.28										.04
LAURELTON 2 N STATE VILLAGE	.02												.18	.04											.41
LEBANON 3 SW													.06												.24
LEHIGHTON	.03													.06				.02							.06
LEWISTOWN												.08	.01												.11
LOCK HAVEN 2												.46		.10	.01										.09
MARIENVILLE						.12	.03			.01															.57
MARTINSBURG BLAIR CO AIRPORT 6									*	*	*	*	*	.02											.16
MEADVILLE 1 S						.04																			
MEDIX RUN							.04	.02		.01		.05	.01	.01											.04
MERCER 5 NE WB AIRPORT 6			*	*	*	*	*	.05	*	*	*	*	*	.21											.14
MERWINSBURG	.01	.01	.01											.04	.03		.24								.34
MILAN									.05		.01				.01		.01								.08
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTROSE														.36	.66	.01	.01	.02							1.06
MOUNT POCONO 2 N WB AIRPORT //																	.06								.06
MOUNT UNION 1 NW												.23	.20												.43
MURRYSVILLE									.23		.01	.17	.01												.42
NEFFS MILLS 4 NE												.07	.01			.02									.10
NEW CASTLE 1 N							.02	.01																	.03
PARKERS LANDING 1 E											.19														.19
PARK PLACE 1 NW WB AIRPORT 6									*	*	*	*	*	.02	*	*	*	*	*	.15					
PHILADELPHIA WB AIRPORT		.01								.34															.35
PHILADELPHIA POINT BREEZE			.03														.46								.49
PHILADELPHIA WB CITY		.02		.06												.49									.57
PHILLIPSBURG 7 E WB AIRPORT								.07				.02			.02										.11
PHOENIXVILLE 1 E PUMP STATION															.16	.02									.18
PIKES CREEK															.09										.09
PINE GROVE MILLS 1 S												.04													.04
PITTSBURGH 7 SE WB AIRPORT //		.02	.07							.26		.15													.50
PITTSBURGH WB CITY										.33		.01													.34
PLEASANT MOUNT 1 W												.02		.30	.03										.35
PORT CLINTON	.01	.13																							.14
PUNXSUTAWNEY 2								.01			.1														.20
PUTNEYVILLE 2 SE	.01	.05									.19														.25
READING WB CITY		.01													.22										.23
RENOVO 6 S STATE CAMP							.02		.01		.29	.01													.33
RIDGWAY						.09	.05				.01	.01													.16
ROCHESTER 1 N								.10			.01														.11
SCANDIA					.10									.41	.04	.18	.18	.13							.10
SCRANTON WB CITY														.03	.01										.94
SHELLERSVILLE 2 NW				.01	.01						.02	.03	.01					.01	.01	.01					.10
SHEFFIELD 6 W CHERRY GROVE						.02																			.05
SMETHPORT HIGHWAY SHED																									.02
SOUTH CANAAN 1 E														-	*	*	*	*	*	*	*	*	*	*	*
SPRING GROVE	.08	.01													.67										.76
STATE COLLEGE												.14			.03										.17
STRONGSTOWN												.02	.01												.03
TROUDSBURG	.03																								.03
TUNBURY	.01			.01		.01		.01					.58			.18									.80
TUNBURY AIRPORT 2 N 6	*	.02							*	*	*	*	*	.38	*	*	*	*	*	.12					
TAMAQUA 4 N STILL CREEK DAM				.01		.01		.01					.01	.35											.39
TIONESTA 2 SE DAM //					.08	.27																			.35
TITUSVILLE					.32				.01																.33
TOWANDA											.07	.03	.02	.02											.14
TUNKHANNOCK 1 S												.28	.01			.02	.04								.35
TUNNELTON //											.02		.30	.10		.07									.49
TYRONE 4 NE BALD EAGLE										.14		.26			.01										.41
UNION CITY 1 W					.01	.01																			.02
VANDERGRIFT 2 W								.10			.25	.25		.09											.69
WASHINGTON									.06	.03	.06				.09										.24
WAYNESBURG 2 W													.69												.69
WELLSBORO 2 E											.03														.03
WIND GAP 3 SW	.04	.01	.01	.01										.08	.05	.02									.22
YORK 2 S FILTER PLANT	.02															.55									.57
YOUNGSVILLE		.01	.01	.38	.02																				.42
												7th													
BETHLEHEM LEHIGH UNIV							.01	.01	.01																.03
BLAKESLEE CORNERS											.06	.06	.03												.15
BOSWELL			.01			.01				.01															.03
BRINGMANS FERRY	*	*	*	*	*	*	*	.30																	.30
BRIE WB CITY		.01																							.01
BRIE AIRPORT 6			*	*	*	*	*	.02																	.27
BVERETT		.27																							.05
CAWLEY 1 S WALLEN DAM								.02	.01	.02															.03
CKSON SUMMIT					.01			.01		.01															.01	
EADVILLE 1 S			.01																						-
ELLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
ONTROSE																									.10
OUNT POCONO 2 N WB AIRPORT //						.01	.01		.01	.06	.01														.01
ARK PLACE 1 NW WB AIRPORT 6	*	.06																							.04
HILADELPHIA WB AIRPORT							.01																		
HILADELPHIA POINT BREEZE								.04																	
OUTH CANAAN 1 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.40					1.40

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
8th																									
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTROSE	*	*	*	*	*	*	*	*	*	*	*	*	*	.33											.33
11th																									
CHARLEROI								.01	.01																.02
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALLENS MILLS															.10	.11					.10	.07	.01	.01	.40
AUSTINBURG 2 W																								.14	.14
BLAIRSVILLE 6 ENE 6															*	*	*	*	*	.19	*	*	*	.12	
BOSWELL																			.11	.14	.22	.01			.48
BROOKVILLE AIRPORT 6																					*	*	*	.22	
BUCKSTOWN																				.05	.03		.02	.03	.13
BUTLER SUBSTATION																					.13				.13
CANTON 1 NW																	.01		.01			.01			.03
CARTER CAMP																								.03	.03
CHARLEROI																		.10	.38						.48
CLARION 3 SW																		.07		.03	.10				.20
COALPORT															.35	.01	.01	.04	.01		.04	.13	.03		.62
CONFLUENCE 1 SW																	.17	.17	.08				.09	.01	.52
CONNELLSVILLE 4 N																	.20	.53	.01		.01				.75
CRESSON 1 E SUMMIT																					.01	.03		.01	.05
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.90	*	*	*	.21	
DRIFTWOOD																	.01	.01				.23	.01	.05	.31
DUNLO																					.08	.04			.12
EMPORIUM																	.02							.05	.07
ENGLISH CENTER																							.01	.34	.35
ERIE WB CITY																				.02	.01	.03	.10	.08	.24
ERIE AIRPORT 6																					*	*	*		
FORD CITY 4 S //																			.13	.23					.36
FRANKLIN														.10	.01					.20	.09			.05	.45
GREENSBURG 2 E HIGHWAY SHED																		.58	.08	.02				.01	.69
HEWITT 2 S																				.35					.35
HOLLIDAYSBURG																					.01	.05	.01		.07
HOME																.04	.06	.16	.02	1.04	.08				1.40
INDIANA 2 SE																.05	.01		.25	.22	.05			.02	.60
JACKSON SUMMIT																								.30	.30
JAMESTOWN 2 NW													.01		.01	.01	.02	.04							.09
JOHNSTOWN 2																				.08	.10	.01		.02	.21
KANE 5 SE																.04				01	.01	.10	.10	.11	.37
LOCK HAVEN 2																						.20		.01	.21
MARIENVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.72	.72
MARTINSBURG																				.01	.01	.02	.02	*	.06
MARTINSBURG BLAIR CO AIRPORT 6																					*	*	*	.04	
MEADVILLE 1 S														.02				.07	.04		.11	.03	.05		.32
MEDIX RUN																.02							.01	.05	.08
MERCER 5 NE WB AIRPORT 6															*	*	*	*	*	.20	*	*	*	.19	
MILAN																	.01					.01	.01	.03	.06
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONROE FURNACE														*	*	*	*	*	*	*	*	*	*	*	*
MURRYSVILLE																		.32	.40	.01					.73
NEFFS MILLS 4 NE														.01	.01							.01	.01	.03	.07
NEW CASTLE 1 N																.02		.38	.20		.09	.01			.70
PARKERS LANDING 1 E																	.01	.01	.01	1.27	.02		.01	.01	1.34
PHILLIPSBURG 7 E WB AIRPORT														.06	.05	.01						.04	.04	.03	.23
PINE GROVE MILLS 1 S														.01	.01						.01	.01	.01	.01	.06
PITTSBURGH 7 SE WB AIRPORT //																				.01					.01
PITTSBURGH WB CITY																		.16							.16
PUNXSUTAWNEY 2																				.12	.17	.01			.30
PUTNEYVILLE 2 SE																	.03			.20	.01				.24
RENOVO 6 S STATE CAMP																						.30	.07	.03	.40
RIDGWAY															.03		.01			.01	.06	.08	.03	.01	.23
ROCHESTER 1 N														.02	.08		.01	.01							.12
SAXTON																				.01	.01				.02
SCANDIA															.16						.01	.48	.18	.11	.94
SHEFFIELD 6 W CHERRY GROVE																					.48	.11	.02	.09	.70
SMETHPORT HIGHWAY SHED																	.01		.01		.01		.30	.12	.45
SPRING GROVE													.02												.02
STATE COLLEGE																.01							.01	.01	.03
STRONGSTOWN																		.19		.27	.15	.04			.65
STROUDSBURG							.20	.04																	.24
TIONESTA 2 SE DAM //													.03	.04			.01	.16	.01	.10	.17	.08	.01	.02	.63
TITUSVILLE																				.40	.01	.01	.23	.05	.70
TUNNELTON																			.51	.13	.04				.68
TYRONE 4 NE BALD EAGLE													.07		.01	.02						.02	.01	.01	.14
UNION CITY 1 W																				.15	.09	.02	.21		.47
VANDERGRIFT 2 W																		.89	.05	.01					.95
WAYNESBURG 2 W																	.02		.01						.03
WELLSBORO 2 E																								.34	.34
WILLIAMSPORT 4 E WB AIRPORT 6																					*	*	*	.06	
YOUNGSVILLE																				.04	.25	.16	.10	.16	.71
13th																									
ALLENS MILLS			.04						.01		.09	.21			.01										.36
ALLENTOWN WB AIRPORT															.08										.35
AUSTINBURG 2 W	.08				.01	.02	.06	.01																	.18
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	3.58	*	*	*	*	*	.27	*	*	*	*	*	.06	*	*	*	1.35	
BETHLEHEM LEHIGH UNIV																	.21	.01	.04	.01	.01				.28
BLAIN														.06		.13	.01								.20
BLAIRSVILLE 6 ENE 6	*	.02	*	*	*	*	*	.34	*	*	*	*	*	.10	*	*	*	*	*	.11	*	*	*	.14	
BLAKESLEE CORNERS				.02		.07	.07	.17	.96	.48		.01	.01	.02	.04	.04	.07	.02							1.98
BOSWELL	.02					.09		.04	.14	.10	.06	.01	.01		.02	.01		.26	.01	.01				.07	.85
BROOKVILLE AIRPORT 6	*	.01											*	.18	*	*	*	*	*	.14					
BUCKSTOWN	.02					.03						.01	.02	.01	.01					.03					.13
BUTLER SUBSTATION											.03			.01											.04
CANTON 1 NW	.22	.05			.07	.01	.09	.01		.30	.33	.01		.09	.01										.89
CARTER CAMP	.03	.01		.11	.05	.03			.01	.01	.02			.09			.01	.01		.01				.39
CHAMBERSBURG																		.70	.08						.78
CHARLEROI				.22						.10											.10		.20	.20	.82
CLARION 3 SW	.02						.12	.05	.11			.55	.32												1.17
COALPORT	.01	.01				.01				.19	.05	.03								.02					.32

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
COATESVILLE 1 SW															.14	.06	.29	*	*	.93					1.42
CONFLUENCE 1 SW		.01				.01	.05				.08	.13	.01	.03	.04					.13			.05	.04	.58
CONNELLSVILLE 4 N	.01	.02				.01	.01		.08	.10	.02		.01	.01											.82
CRESSON 1 E SUMMIT	.04					.10	.15	.06			.09		.01		.07			.23	.22	.01	.07		.02		.56
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.14	*	*	*	*	*	.03	*	*	*	*	*	.39				.04	
DINGMANS FERRY						.05	.21	.05	.06	.05	.01	.03	.02		.32	.01	.02	.01	.02						.86
DRIFTWOOD	.02					.20			.01			.49	.16					.10	.04						1.02
DUNLO	.05						.03	.01	.06	.01	.12	.08	.02	.13	.01	.02							.04	.05	.63
DUSHORE		.88	*	*	.20	.07	.03	.01		.01	.02	.13		.15	.10	.07		.01		.02					1.70
EAGLES MERE	.07	.92	.34		.02	.18	.06				.01	.01		.02	.16	.07									1.86
EMPORIUM	.01	.08	.02	.10	.01		.01						.02				.40		.01						.66
ENGLISH CENTER	.03		.02	.13	.02	.06	.07	.03		.01	.01	.07	.57	.05	.05										1.12
ERIE WB CITY	.02	.06	.03				.01																		.12
ERIE AIRPORT 6	*	.54	*	*	*	*	*	.25																	
EVERETT	*	*	*	*	*	*	*	*	*	*	*	*	*	.09											.09
FORD CITY DAM 4 S //		.02	.03					.01	.03	.04		.24	.36	.01						.35	.10				1.19
FRANKLIN	.05			.02	.03			.10									.08								.28
GETTYSBURG 1 S															.08										.60
GLENCOE	.02			.03	.03							.02	.20	.02		.02			.42	.06	.01	.01			.43
GLEN ROCK																						.02	.09		.20
GOOD SPRINGS 1 NW		.05	.02	.01	.03						.07	.02							.15	.05					1.11
GREENSBURG 2 E HIGHWAY SHED	.10	.01		.30	.14	.04			.09	.12		.03	.07	.45		.50	.38	.02	.01						2.07
HARRISBURG 3 S WB AIRPORT																	.56				.06	.06	.04		.02
HAWLEY 1 S WALLEN DAM						.30	.18	.10	.12	.16	.14	.08		.01	.01	.06	.01	.01							1.18
HEWITT 2 S								.05		.03	.03							.01	.01						.11
HOLLIDAYSBURG	.03					.01	.07				.02		.18												.38
HOLTWOOD																							.07		.02
HOME			.02			.01		.69	.32	.01	.01	.06	.38	.02						.02					1.61
HONESDALE 6 N TANNERS FALLS //		.01			.05	.05	.07	.13		.05		.02		.03			.08			.04	.05				.49
HUNTSDALE																	.10	.06							.16
INDIANA 2 SE	.02	.06	.02		.01	.01	.04	.02	.01	.03		.01	.02	.11						.01	.29	.01			.67
JACKSON SUMMIT	.10	.02		.01	.09	.03			.01		.03	.31	.07	.04											.71
JAMESTOWN 2 NW	.01			.01	.07	.01																			.10
JOHNSTOWN 2						.19	.05	.05																	.48
KANE 5 SE	.04	.02	.23	.15	.07	.04		.01		.20	.52	.08	.01	.22									.19		1.59
LAMPETER SCS 1 A														*	*	*	*	*	*	*	*	*	*	*	*
LANCASTER 2 NE FILTER PLANT																									.65
LAURELTON STATE VILLAGE	.01	.01		.01		.57		.02	.01					.27		.12									1.02
LEBANON 3 SW																.40	.29	.01							.70
LEHIGHTON				.05	.01	.03					.01			.03	.10	.11	.09	.01	.01		.01				.46
LEWISTOWN														.10	.22	.03	.01	.01							.37
LOCK HAVEN 2			.70	.16			.13	.37	.03	.01		.08	.01	.02											1.51
MARIENVILLE	.04	.19	.34	.20		.01	.05	.01	.02	.01															.87
MARTINSBURG	.01	.02	.01					.21	.01			.03	.03	.30	.02										.64
MARTINSBURG BLAIR CO AIRPORT 6	*	.01	*	*	*	*	*	.04	*	*	*	*	*	.27	*	*	*	*	*	.28	*	*	*	.02	
MEADVILLE 1 S						.04	.12		.02																.18
MEDIX RUN		.03	.02			.05					.07	.03		.85	.05	.01		.35							1.46
MERCER 5 NE WB AIRPORT 6	*	.01	*	*	*	*	*	.40							*	*	*	*	*	.24					
MERWINSBURG				.04											.06	.04	.08	.04	.01						.27
MILAN	.06	.01		.03	.01	.38	.10			1.25	.03	.04													1.91
MILLERSBURG 2 E						.01		.05	.02	.02					.02	.39	.03	.02	.02						.58
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONROE FURNACE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.70	-	-	-	-	1.70
MONTROSE			.05	.17	.08		.04	.09		.04	.01	.40	.07			.02	.01								.98
MOUNT POCONO 2 N WB AIRPORT //					.01	.34	.07	.03	.11	.24	.21					.02	.05	.05							1.13
MOUNT UNION 1 NW //								.03	.02						.06										.11
MURRYSVILLE				.02						.27		.13						.01	.01		.32				.76
NEFFS MILLS 4 NE		.01		.01				.16	.16		.01	.19	.02	.25	.10	.02		.01							.94
NEW CASTLE 1 N							.10							.08				.01	.01						.10
PARKERS LANDING 1 E							.01	.57	.02		.04			.29	*	*	*	*	*	1.04					.74
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.56	*	*	*	*	*				.15	.06	.05		.03	.04	.02		.35
PHILADELPHIA WB AIRPORT																		.27	.02		.07	.05	.01		.42
PHILADELPHIA POINT BREEZE																	.13	.02		.10	.04	.01			.30
PHILADELPHIA WB CITY																									1.20
PHILLIPSBURG 7 E WB AIRPORT	.22	.30	.10	.05						.10	.05	.05	.10	.10	.10	.03									2.71
PHOENIXVILLE 1 E PUMP STATION																.52	.90	1.02	.10	.09	.02		.04	.02	.93
PIKES CREEK			.01	.16	.03	.18	.10	.22	.02	.02	.02					.04	.01			.12					1.21
PINE GROVE MILLS 1 S	.01		.01						.62	.01		.11	.02	.28	.14	.01									.04
PITTSBURGH 7 SE WB AIRPORT //	.01								.02																.35
PITTSBURGH WB CITY										.01		.08	.09			.16							.01		.56
PLEASANT MOUNT 1 W				.32	.05		.05	.07	.01		.01	.01	.04									.01			.28
PORT CLINTON																.10	.15	.03							.60
PUNXSUTAWNEY 2				.05		.02		.01	.01	.03		.01	.36			.01				.07	.01	.01		.01	.84
PUTNEYVILLE 2 SE										.04		.03	.37						.40						.93
READING WB CITY																.11	.41	.41							1.96
RENOVO 6 S STATE CAMP		.30	.08			.12	.57	.01		.11	.61	.13	.02	.01											.09
RIDGWAY	.02	.02	.02	.01	.01				.01										.28	.02					.30
ROCHESTER 1 N																									.16
SAXTON	.01		.01		.01		.06					.01	.06												.52
SCANDIA	.13	.06	.07	.09	.06	.02		.01	.01				.07												3.12
SCRANTON WB CITY				.08	.22	.71	.58	.13	.16	.02						.20	.02				.95	.05			.08
SELLERSVILLE 2 NW						.02	.04	.01	.01					.08											.08
SHADE GAP																									1.50
SHEFFIELD 6 W CHERRY GROVE	.02	.40	.03	.02				.01	.01	.97	.04														1.06
SMETHPORT HIGHWAY SHED	.05		.01	.10	.05			.01	.05	.46	.20	.01				.10	.01								1.01
SOUTH CANAAN 1 E						.16	.27	.19	.13	.02	.08	.02	.02	.01	.03	.01	.02	.05				.01			.10
SPRING GROVE	.02	.01		.01					.02	.07		.04	.05		.03							.01		.01	.61
STATE COLLEGE	.02	.02				.04	.08	.04						.19	.03	.10				.08	.04				.33
STRONGSTOWN				.01	.02		.01	.02		.02											.07	.06			.19
STROUDSBURG				.20		.01		.02	.02	.01			.04	.06	.04	.03	.05	.03							.50
SUNBURY			*	*	*	*	*	.37							*	.10									1.35
SUNBURY AIRPORT 2 N 6			.13	.02	.05	.02				.01	.01	.01	.15	.20	.43	*	*	*	*	.32					.82
TIONESTA 2 SE DAM //	.60	.09			.06	.01		.04	.02							.27	.04	.01							.75
TOWANDA	.04	.07	.01		.08	.04	.14	.03	.02	.07	.22	.03													1.30
TUNKHANNOCK 1 S	.01	.01	.08		.02	.05	.19	.04	.01		.04			.02	.56	.11	.01		.10	.05					.69
TUNNELTON //		.02			.12	.02							.01	.14	.03	.16	.01	.03			.14	.01			.86
TYRONE 4 NE BALD EAGLE	.01	.02								.03	.10		.60	.10											.35
UNION CITY 1 W		.10	.15				.05	.03				.02					.40	.47	.11		.01		.01	1.27
VANDERGRIFT 2 W	.05	.01								.05	.03	.13													1.54
WAYNESBURG 2 W			.06				.07	.05		.02	.01		.01		.01			.25		.30	1.01			.25
WEBSTER MILLS 3 SW																									.82
WELLSBORO 2 E	.14	*	*	*	*	.51		.01		.07		.08	.01												1.18
WILLIAMSPORT 4 E WB AIRPORT 6	*	.01	*	*	*	*	*	.56	*	*	*	*	*	.33	*	*	*	*	*	.29					
WILLIAMSPORT					.30	.16		.02	.15					.30	.25										

See reference notes following Station Index

PENNSYLVANIA

JULY 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
WIND GAP 3 SW																									
YORK 2 S FILTER PLANT														.09	.23	.07	.13	.07	.05	.08	.22				.94
YOUNGSVILLE	.05	.02	.26	.03			.01	.01	.02		.01		.07		.10			.02	.03						.15
																									.48
												14th													
BETHLEHEM LEHIGH UNIV																	.02								
COATSVILLE 1 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02
CONFLUENCE 1 SW	.03	.02										.01	.04												-
GLEN ROCK														.02		.01	.01	.01	.04	.33					.10
GREENSBURG 2 E HIGHWAY SHED			.01				.01		.01																.42
HARRISBURG 3 S WB AIRPORT																									.03
HOLTWOOD																						.01			.01
HOME										.01									.01	1.08	.12				1.21
HUNTSDALE																									.01
KIRKWOOD 1 SW																								.03	.03
LAMPETER SCS 1 A	*	*						*						*	*	*	*	*	*	.53	.09				.62
LANCASTER 2 NE FILTER PLANT																		.09							*
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.09
PARKERS LANDING 1 E					.06	.02																			-
PHILADELPHIA WB AIRPORT																									.08
PHILADELPHIA POINT BREEZE																	.01	.01		.01	.09	.01			.13
PHILADELPHIA WB CITY																					.11	.10	.02		.23
PHOENIXVILLE 1 E PUMP STATION																				.44	.11	.03	.02		.60
SMETHPORT HIGHWAY SHED	.01			.01		.01		.01										.30	.96	.06	.01				1.33
SPRING GROVE											.07	.20													.04
WAYNESBURG 2 W	.04	.06											.01	.01	.01										.27
YORK 2 S FILTER PLANT									.01								.10	.02							.13
												15th													.13
COATESVILLE 1 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLEN ROCK											.05		.04	.01	.05			.02	.03						.20
HOLTWOOD	.03																								.03
HUNTSDALE	.01																								.01
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHILADELPHIA WB CITY	.04																								.04
												16th													
BLAIRSVILLE 6 ENE 6																									
BROOKVILLE AIRPORT 6														*	*	*	*	*	*	.03					
BUTLER SUBSTATION																			.16	.06	.01				.23
CHARLEROI																	.05				.15	.14	.06		.40
CLARION 3 SW																			.03						.03
CONFLUENCE 1 SW																.12	.01								.13
CONNELLSVILLE 4 N																.26	.03								.29
ERIE AIRPORT 6															*	*	*	*	*	.01					
FORD CITY DAM 4 S //																		.01		.03	.01				.05
FRANKLIN																			.27						.27
GREENSBURG 2 E HIGHWAY SHED																								.06	.06
HOME																				*	*	*	*	*	*
JAMESTOWN 2 NW																	.51	.06	.01						.58
MARIENVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEADVILLE 1 S																		.04	.50	.07					.61
MERCER 5 NE WB AIRPORT 6															*	*	*	*	*	.17					
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURRYSVILLE								.04	.01	.01		.01				.02	.03	.03	.03	.02	.04				.24
NEW CASTLE 1 N														*	*	*	*	*	*	*	*	*	*	*	*
PITTSBURGH 7 SE WB AIRPORT //																.12	.22	.03		.05	.21		.02	.02	.67
PITTSBURGH WB CITY																.05	.21	.38	.09	.12	.07	.20			1.12
PUTNEYVILLE 2 SE																			.03						.03
ROCHESTER 1 N																.06		.38	.04		.38	.01			.87
TIONESTA 2 SE DAM //																			.05	.04					.09
TITUSVILLE																		.01	.11	.01		.01		.01	.15
TUNNELTON //																					.03	.01			.04
UNION CITY 1 W																			.01						.01
VANDERGRIFT 2 W																		.02		.02	.17				.21
WASHINGTON																.01	.02				.72	.15			.90
												17th													
ALLENTOWN WB AIRPORT					.01													.04	.06	.04					.15
BETHLEHEM LEHIGH UNIV					.01			.05	.02	.01															.09
BLAIN															.44										.44
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.24	*	*	*	*	*	.04	*	*	*	*	*	.03					
BLAKESLEE CORNERS										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BOSWELL									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BROOKVILLE AIRPORT 6									*	*	*	*	*	.08											
BUCKSTOWN																.10									.10
BUTLER SUBSTATION											.10	.01													.11
CARTER CAMP																.02									.02
COALPORT				.10	.10								.10	.06	.04							.30			.70
COATESVILLE 1 SW								*	*	*	*	*	*	.03											.03
CONFLUENCE 1 SW				.03																					.03
CONNELLSVILLE 4 N				.02											.23										.25
CRESSON 1 E SUMMIT			*	*	*	.88				.01			.02												.91
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.06	*	*	*	*	*	.02	*	*	*	*	*	.01					
DRIFTWOOD															.08	.04	.02								.14
DUSHORE								.06																	.06
EAGLES MERE								.03	.01																.04
FORD CITY 4 S //														.24											.24
GETTYSBURG 1 S			.06															.06							.12
GOOD SPRINGS 1 NW									.01	.01															.02
GREENSBURG 2 E HIGHWAY SHED	.06		.06				.01	.01		.01	.59	.01		.02											.77
HARRISBURG 3 S WB AIRPORT			.07	.04								.01				.02	.05								.19
HOLLIDAYSBURG					.11	.02		.01	.01					.05	.01										.21
HOME	*	*	*	*	*	*	*	*	*	*	*	*	1.70												1.70
HUNTSDALE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
INDIANA 2 SE		.08	.28	.01		.01		.01			.01	.01													.41
JACKSON SUMMIT																.24									.24
JAMESTOWN 2 NW		.06																							.06
JOHNSTOWN 2				.07		.01	.01	.01					.01	.02											.13
LAMPETER SCS 1 A		*	*	*	*	*	*																		

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TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA
JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LANCASTER 2 NE FILTER PLANT						.03	.01																		
LAURELTON STATE VILLAGE							.05	.03	.02																.04
LEWISTOWN						.04	.10				.01				.58	.01	.01								.10
LOCK HAVEN 2					.08	.02																			.75
MARIENVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.10
MARTINSBURG														.17				.08	.02						-
MARTINSBURG BLAIR CO AIRPORT 6															*	*	*	*	*	.37					.27
MILLVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONROE FURNACE						.34						.01		.55											
MONTROSE																		.45	.03						.90
MOUNT UNION 1 NW //													.43	.09											.48
MURRYSVILLE									.01	.16	.30														.52
NEFFS MILLS 4 NE				.01	.01	.30			.01	.01	.02	.01	.01	.30											.47
NEW CASTLE 1 N	*	*	*	*	*	*	*	.15																	.68
PHILADELPHIA WB AIRPORT					.02	.01						.12													.15
PHILADELPHIA WB CITY					.03	.01	.01																		.15
PHILLIPSBURG 7 E WB AIRPORT					.01	.05	.05						.10	.07											.05
PHOENIXVILLE 1 E PUMP STATION							.01	.03																	.28
PINE GROVE MILLS 1 S					.01	.38								.79											.04
PITTSBURGH 7 SE WB AIRPORT //											.55														1.18
PITTSBURGH WB CITY											.45														.55
PUNXSUTAWNEY 2			.07		.01	.01	.01					.07													.45
PUTNEYVILLE 2 SE											.03					.05									.17
READING WB CITY									.01																.08
RENOVO 6 S STATE CAMP					.03						.01				.02	.01									.01
SAXTON																									.07
SHADE GAP														.01	.02							.05			.05
SMETHPORT HIGHWAY SHED																									.03
SPRING GROVE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.01	.02			.01		.01	.05
STATE COLLEGE					.07	.25	.01							.47				*	*	.45					.45
STRONGSTOWN			.01	.09									.33	.02											.80
SUNBURY								.02				.01													.45
SUNBURY AIRPORT 2 N 6									*	*	*	*	*	.05											.03
TOWANDA																	.22								
TUNNELTON //												.12													.22
TYRONE 4 NE BALD EAGLE				.03	.44				.01	.01				.20	.01										.12
VANDERGRIFT 2 W									.01		.01	.07		.01	.01	.20									.70
WILLIAMSPORT 4 E WB AIRPORT 6									*	*	*	*	*	.14											.31
WILLIAMSPORT								.15										.03							
WIND GAP 3 SW							.01	.03	.01	.01															.18
YORK 2 S FILTER PLANT			.01	.01													.02								.06
																									.04
													18th												
AUSTINBURG 2 W												.65													
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.03					.65
BLAIRSVILLE 6 ENE 6	*	*	*	*	*	*	*	*	*	*	*	*	*	.30											
BLAKESLEE CORNERS	*	*	*	*	*	*	*	.45	*	*	*	*	*	*	*	*	*	*	*	.10					.10
BOSWELL									.06	.01															.45
BUCKSTOWN													.10	.01											.07
CANTON 1 NW					.05																				.11
CARTER CAMP								.10																	.05
CHARLEROI			.01	.01																					.10
CONFLUENCE 1 SW								.08			.01														.02
CONNELLSVILLE 4 N														.07	.01										.09
DINGMANS FERRY										.20	.01			.05											.08
DUNLO														.08	.02										.26
DUSHORE																.05	.01								.10
EAGLES MERE									.05	.07															.06
ELENCOE																.12	.20	.78							1.10
ELIZABETHTOWN	*	*	*	*	*	*	*	1.00																	1.00
ELKLANDSBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.08	.01							.09
ELLENVILLE																									-
ELLSWORTH												.17	.01												.18
ELMIRA WB AIRPORT 6									*	*	*	*	*	.11											
ELMIRA 2 E																									
ELMORA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.30	.01	.05	.01					.37
EMPORIUM																									-
ERIE WB AIRPORT //																	.53	.13							.66
ERIE 2 E																	.20	.20	.07	.13					.60
ERIE WB CITY			.62	.02		.01	.01																		.66
ETHEL 2 NW												.01	.84	.31											1.16
EVERETT				.01													.10	.01							.01
FAIRMOUNT SPRINGS 1 NW																	.20								.11
FARMINGTON 2 SW							.06	.20		.01															.20
FAWN GROVE 1 S																									.27
FAYETTEVILLE 2 W													19th												
FLEMINGTON 2 W																									
FORD CITY 1 NW														.02											.02
FRANKLIN														*	*	*	*	*	.52	*	*	*	.01		
FREELAND 1 NW														.10	.02										.12
GETTYSBURG														.03	.38	.02									.40
GLENCOE															.15	.10	.04								.03
GREENSBURG					.11	.06		.20		.06															.29
HANNASTOWN													.05	.02											.43
HARRISBURG WB AIRPORT																		.23							.07
HARRISBURG 2 E										.03															.23
HAWLEY								.05	.05																.03
HOOD SPRINGS 1 NW																.06									.10
HOWITT 2 S									.06	.04															.06
HUNTSDALE																	.04	.02							.10
INDIANA WB CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.06
INDIANA 2 E															.12										-
JOHNSTOWN WB AIRPORT 6															*	*	*	*	*	.09					.12
JOHNSTOWN 2 E																.37	.03	.02	.01						.43
KANE														.01	.11	.05									.01
KEENE																			.10						.16
KEYSTONE																	.05								.10
KITTANNING														.02											.05
KNOX																	.27	.13							.02
KNOXVILLE																									.40

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SHADE GAP															.42	.01	.01								.44
SOUTH CANAAN 1 E																		.04	.09						.13
STATE COLLEGE														.12											.12
SUNBURY														.05	.05										.10
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.19					
TOWANDA													.25	.60	.10	.01									.96
TUNKHANNOCK 1 S																	.04								.04
WILLIAMSPORT 4 E WB AIRPORT 6															*	*	*	*	*	.06					
													20th												
ALLENS MILLS													.02	.02	.08										.12
ALLENTOWN WB AIRPORT																						.10			.10
BETHLEHEM LEHIGH UNIV																						.01			.01
CANTON 1 NW																.03									.03
CARTER CAMP								.02						.01	.02										.05
CLARION 3 SW																.05	.22								.27
CONFLUENCE 1 SW										.07	.10														.17
CONNELLSVILLE 4 N									.01	.01															.02
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.28					
DUNLO	.09							.01																	.10
ENGLISH CENTER														.11		.01									.12
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOME																*	*	.18							.18
LAURELTON STATE VILLAGE																		1.19	.39	.01					1.59
LOCK HAVEN 2															.18										.18
MEDIX RUN														.02	1.10						.08				1.20
MONROE FURNACE																		.06							.06
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.04	*	*	*	.12	
PHILLIPSBURG 7 E WB AIRPORT													.09		.10										.19
PINE GROVE MILLS 1 S																		.05							.05
PUNXSUTAWNEY 2																	.09	.03							.12
PUTNEYVILLE 2 SE																	.50	.67	.03	.01	.01				1.22
RENOVO 6 S STATE CAMP															.06	.02	.01	.01							.10
STATE COLLEGE																		.03							.03
SUNBURY																	.38	.12							.50
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.50					
TAMAQUA 4 N STILL CREEK DAM																				.05	.01				.06
TITUSVILLE																						.01	.01	.01	.03
TUNKHANNOCK 1 S																			.02						.02
TYRONE 4 NE BALD EAGLE														.02											.02
WAYNESBURG 2 W									.10	.08	.02												.01		.21
WELLSBORO 2 E														.01	.02										.03
WILLIAMSPORT 4 E WB AIRPORT 6															*	*	*	*	*	.08					
WILLIAMSPORT																.08									.08
													21st												
ALLENS MILLS																	.20			.32					.52
ALLENTOWN WB AIRPORT																		.10	.01			.50	.03	.06	.70
AUSTINBURG 2 W																.01	.08	.22	.03	.01					.35
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.12	*	*	*	.92	
BETHLEHEM LEHIGH UNIV																			.02			.05	1.13	.03	1.23
BLAIN																							.25	.05	.30
BLAKESLEE CORNERS																	.01	.08	.01	.85	.53	.01		.01	1.50
BOSWELL								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BROOKVILLE AIRPORT 6															*	*	*	*	*	.20	*	*	*	.50	
BUCKSTOWN													.05									.05			.10
BUTLER SUBSTATION													.05						.05	.25		.03			.38
CANTON 1 NW																	.01	.03	.22	.05					.31
CARTER CAMP															.03	.18	.14	.46	.02	.20	.10	.03			1.16
CHAMBERSBURG															.02										.02
CHARLEROI																					.10				.10
CLARION 3 SW														.02	.02	.07		.01	.30	.62					1.04
COALPORT						.01		.01	.02	.02															.06
CONFLUENCE 1 SW				.12		.03						.01	.05							.02	.02	.01		.01	.27
CRESSON 1 E SUMMIT																						.18			.18
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.13	*	*	*	.35	
DINGMANS FERRY																					.06	.32			.38
DRIFTWOOD															.49	.14	.03	.07	.01			.02			.76
DUSHORE																	.15	.47	.43	.18	.02				1.25
EAGLES MERE																	.26	.20	.70	.29				.01	1.46
EMPORIUM														.45	.03	.60	.06		.02	.97	.04				2.17
ENGLISH CENTER														.09	.05	.01	.03	.01	.01		.21	.02	.02	.10	.60
ERIE WB CITY												.02	.04	.19	.13	.25	.12	.03	.07	.08	.01				.94
ERIE AIRPORT 6									*	*	*	*	*	.21	*	*	*	*	*	1.72	*	*	*	*	
EVERETT														*	*	*	*	*	*	*	*	*	*	*	*
FORD CITY 4 S //														.01		.34									.35
FRANKLIN													.06	.10	.15			.05	.29						.65
GETTYSBURG 1 S															.06										.06
GLENCOE													.25							.03	.03	.03			.34
GOOD SPRINGS 1 NW																	.01							.03	.04
GREENSBURG 2 E HIGHWAY SHED						.07																			.07
HARRISBURG 3 S WB AIRPORT																								.29	.29
HAWLEY 1 S WALLEN DAM																					.15	.07	.01		.23
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG																						.01	.01		.02
HOME																.10	.05			.25	.05				.45
HONESDALE 6 N TANNERS FALLS //																			.05	.08	.07				.20
HUNTSDALE															.02										.02
INDIANA 2 SE										.01				.01	.08	.01					.20	.01	.02		.34
JACKSON SUMMIT															.18	.17	.07	.07	.10						.59
JAMESTOWN 2 NW								.01	.01		.01	.01	.02	.02			.02	.23							.33
KANE 5 SE														.04	.10	.02	.08		.30	.45	.01	.02	.01		1.03
LEBANON 3 SW																								.31	.31
LEHIGHTON																	.01	1.29		.05	.60	.03		.02	2.00
LEWISTOWN																							.22	.01	.23
LOCK HAVEN 2															.11		.01				.16	.03			.31
MARIENVILLE														.02	.06	.14		.01	.09	.11	.16		.01		.60
MARTINSBURG																								.11	.11
MARTINSBURG BLAIR CO AIRPORT 6																					*	*	*	.18	
MEADVILLE 1 S														.04	.06		.04	.12	.11						.37
MEDIX RUN						.01		.01						.09		.01	.07			.02	.01	.01			.23
MERCER 5 NE WB AIRPORT 6									*	*	*	*	*	.03	*	*	*	*	*	.66					
MERWINSBURG																		.15	.03	.10	.82				1.10

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TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MILAN																									
MILLERSBURG 2 E									.62	.12	.05	.10													.89
MILLVILLE																					.04			.01	.05
MONROE FURNACE																.13	.08	.03		.28			.08	.02	.62
MONTROSE																						.40	.03		.43
MOUNT POCONO 2 N WB AIRPORT //																		.10	.03	.10	.07	*	*	*	.30
MOUNT UNION 1 NW //																		.01		.02	.78	.19			1.00
NEFFS MILLS 4 NE													.07	.02								.25	.19		.53
NEW CASTLE 1 N													.01	.05	.01	.01	.01		.10		.08	.48	.02		.50
PARKERS LANDING 1 E																			.08						.27
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.31	*	*	*	.38	.08
PHILLIPSBURG 7 E WB AIRPORT																					.30	.36			.66
PIKES CREEK																		.03	.10	.30	.40	.02			.85
PINE GROVE MILLS 1 S																					.09	.25	.14		.39
PITTSBURGH 7 SE WB AIRPORT //																									.09
PLEASANT MOUNT 1 W																		.15	.10	.10	.03				.38
PORT CLINTON																.10	.10				.60	.90	.10	.07	1.87
PUNXSUTAWNEY 2																					.36				.36
PUTNEYVILLE 2 SE														.02					.01	.01	.01				.05
READING WB CITY																								.01	.01
RENOVO 6 S STATE CAMP															.01	.05	.05	.25		.12	.05	.07			.60
RIDGWAY														.02	.02	.11	.30				.08	.02			.55
ROCHESTER 1 N												.01	.06												.07
SCANDIA														.02	.11	.19	.28	.05	.08	.02					.75
SCRANTON WB CITY																				.39	.27				.66
SHEFFIELD 6 W CHERRY GROVE														.09	.03	.08		.01	.48		.11				.80
SMETHPORT HIGHWAY SHED														.01	.96	.07	.13	.22	.03	.04	.01		.01		.58
SOUTH CANAAN 1 E																				.02	.09	.19	.06		.36
STATE COLLEGE																						.22			.22
STRONGSTOWN																						.35		.04	.39
STROUDSBURG												.11	.35	.23	.34										1.03
SUNBURY															.16			.08	.02			.07	.20	.03	.56
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.57	*	*	*	.59	
TAMAQUA 4 N STILL CREEK DAM																	.23	.12		.08	.50	.01	.04	.24	1.22
TIONESTA 2 SE DAM //													.01	.10	.16	.03		.02	.45	.08					.85
TITUSVILLE	.01		.01											.12	.02	.06		.03	.01	.17					.43
TOWANDA																	.44	.40	.32	.09					1.25
TUNKHANNOCK 1 S																			.08	.20					.28
TYRONE 4 NE BALD EAGLE																						.66			.66
UNION CITY 1 W				.10								.09	.05	.02	.04	.28		.34		.02					.94
VANDERGRIFT 2 W																				.07	.01	.01			.09
WASHINGTON											.02									.12					.14
WAYNESBURG 2 W			.01												.18						.92				.93
WEBSTER MILLS 3 SW																.03	.06	.26	.25	.01					.18
WELLSBORO 2 E															*	*	*	*	*	.63	*	*	*	.24	.61
WILLIAMSPORT 4 E WB AIRPORT 6																.07	.43	.10	.18		.01	.12	.09	.01	1.01
WILLIAMSPORT																			.70		.03	.37			1.10
WIND GAP 3 SW																									
YOUNGSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
												22d													
ALLENS MILLS											.02						.25	2.05	.05	.01					2.38
ALLENTOWN WB AIRPORT	.04	.03	.01																					.01	.09
BETHLEHEM LEHIGH UNIV	.06	.03	.02																					.03	.14
BLAIN										.01		.01							.11	.68	.45	.03			1.29
BOSWELL	*	*	*	*	*	*	*	.02						*	*	*	*	*	*	.09					
BROOKVILLE AIRPORT 6															*	*	*	*	*	*	*	*	*	*	*
BUCKSTOWN																*	*	*	*	.97					
BUTLER SUBSTATION																			.05						.05
CANTON 1 NW																	.03	.01	.01						.05
CARTER CAMP																					.02	.03			.05
CHAMBERSBURG																			.03	.16	.10				.29
CHARLEROI																			.13	.05		.01			.19
CLARION 3 SW																	.07								.07
COALPORT																	.33	.09							.42
COATESVILLE 1 SW	.01				.02														.15	.05					.22
CONFLUENCE 1 SW		.01			.01		.01		.01														.04	.26	.34
CRESSON 1 E SUMMIT																	.02	.06							.09
CURWENSVILLE 6 NW AIRPORT 6																			.40	.12	.11				.63
CLIFTWOOD	.02														*	*	*	*	*	1.32					
DENLO																			.03	.56	.02	.01			.64
DISHORE																	.37	.01		.01					.39
EAGLES MERE						.01	.01	.01	.02														.15	.08	.28
EMPORIUM																					.02		.68	.03	.73
ENGLISH CENTER	.07	.33	.03	.04		.02	.01		.02		.02	.02				.01		.12	.26						.43
ERIE WB CITY														-	-	-	-	-	-	-	-	-	-	-	-
ERIE AIRPORT 6	*	.12														.03									.03
EVERETT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	*	*	*	*	
FORD CITY 4 S //															*	*	*	*	*	*	*	*	*	*	*
FRANKLIN																	.62	.06					.12	.05	.85
FTTYSBURG 1 S																.48	.02						.10		.60
GLEN ROCK																			.10	.50	.18				.78
GOOD SPRINGS 1 NW	.03	.01																			.05	1.13	.06		1.24
GREENSBURG 2 E HIGHWAY SHED																					.02	.11	.23	.20	.60
HARRISBURG 3 S WB AIRPORT	.02																.18								.18
HAWLEY 1 S WALLEN DAM														.01						.01	.37	.98	.02		1.40
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01
HOLLIDAYSBURG																									-
HOLTWOOD																		.18	.12	.02					.32
HOME																	.55	.14			.01	.03	.18	.03	.25
HONTSDALE																									.69
INDIANA 2 SE																				2.70	.04	.03			2.77
JAMESTOWN 2 NW																		.42	.04						.46
JOHNSTOWN 2		.10	.05	.01		.02	.01							.32	.04	.01				.33	.37				1.07
KANE 5 SE																	.03	.04	.08	.03	.02				.39
KERWOOD 1 SW											.01							.10	.03				.01		.15
KEMPETER SCS 1 A	*	*	*	*	*	*	*	*															.10	.20	.30
LANCASTER 2 NE FILTER PLANT																				*	*	*	*	*	*
LURELTON STATE VILLAGE																							.02	.20	.22
LEBANON 3 SW																				.05	.23	.02	.03		.33
LEIGHTON	.10								*	*	*	*	*	*	*	*	*	*			.10	.50	1.45	.06	2.11
LEWISTOWN			*	*	.03														*	*	*	*	*	*	*
																			.18	.23	.22	.14			.80

See reference notes following Station Index

PENNSYLVANIA

JULY 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LOCK HAVEN 2																			.05	.30	.04		.02		.41
MARIENVILLE	.01	.01	.01														.32	.10							.45
MARTINSBURG																			.20	.03	.05			.01	.29
MARTINSBURG BLAIR CO AIRPORT 6	*	.02													*	*	*	*	*	.53	*	*	*	.01	
MEADVILLE 1 S											.01			.02	.10		.01				.17	.31	.02	.02	.66
MEDIX RUN	.01																		.89	.30					1.20
MERCER 5 NE WB AIRPORT 6															*	*	*	*	*	1.75	*	*	*	.26	
MERWINSBURG																								.03	.03
MILAN															.10	.01	.02	.08	.19	.02				.11	.53
MILLERSBURG 2 E	.02						.01	.02	.05												.07	.13	.55	.04	.89
MILLVILLE																						.03		.01	.04
MONROE FURNACE																			.09	.02	.01	.29			.41
MONTROSE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MOUNT UNION 1 NW //	.01																	.24	.06	.22	.10				.63
MURRYSVILLE																	.75	.02							.77
NEFFS MILLS 4 NE									.01		.01						.01		.08	.03	.02	.07			.23
NEW CASTLE 1 N																.16	.01						.15		.32
PARKERS LANDING 1 E				.01			.01									1.08	.26								1.36
PARK PLACE 1 NW WB AIRPORT 6	*	.32	*	*	*	*	*	.02	*	*	*	*	*	.02	*	*	*	*	*	.01	*	*	*	.41	
PHILADELPHIA WB AIRPORT	.01	.07																							.08
PHILADELPHIA POINT BREEZE			.12																						.12
PHILADELPHIA WB CITY		.43	.05	.01																					.49
PHILLIPSBURG 7 E WB AIRPORT																			.30	.25	.06	.03			.64
PHOENIXVILLE 1 E PUMP STATION		.34						.02	.01		.01	.01	.01	.02											.42
PINE GROVE MILLS 1 S													.01							.03	.03	.06	.04		.17
PITTSBURGH 7 SE WB AIRPORT //																	.52								.52
PITTSBURGH WB CITY																	.36								.36
PORT CLINTON	.08	.05																				.03	.07	.40	.63
PUNXSUTAWNEY 2						.02												.34						.02	.38
PUTNEYVILLE 2 SE																.01	.04	.40				.01	.01	.13	.60
READING WB CITY	.14	.05																				.01	.03	.08	.31
RENOVO 6 S STATE CAMP																			.08	.34		.02			.44
RIDGWAY																	.02	.55	.42	.01					1.00
ROCHESTER 1 N					.01	.01	.01								.06	.43	.01	.01	.04			.03			.61
SAXTON																	.19								.19
SCANDIA								.01															.09	.31	.41
SELLERSVILLE 2 NW																				*	*	*	*	*	*
SHADE GAP																				.20	.01		.01		.22
SHEFFIELD 6 W CHERRY GROVE																	.10	.03	.01			.01	.05	.04	.24
SMETHPORT HIGHWAY SHED																			.10						.10
SPRING GROVE																					.02	1.25	.09		1.36
STATE COLLEGE																			.02	.79			.01		.82
STRONGSTOWN	.01																	1.15	.60	.01					1.77
STROUDSBURG																	.21	.07							.28
SUNBURY																				.02	.19	.20	.10		.51
SUNBURY AIRPORT 2 N 6	*	.01							*	*	*	*	*	.02	*	*	*	*	*	.50	*	*	*	.43	
TAMAQUA 4 N STILL CREEK DAM	.05																					.07	.03	.10	.25
TIONESTA 2 SE DAM //																	.60	.02				.01		.01	.64
TITUSVILLE																.05	.05						.56	.04	.70
TOWANDA																					.02	.02	.02	.02	.08
TUNKHANNOCK 1 S																								.02	.02
TUNNELTON //																		.79	.01						.80
TYRONE 4 NE BALD EAGLE																			1.21	.25		.03	.05		1.54
UNION CITY 1 W																						.04	.08	.02	.14
VANDERGRIFT 2 W															.19	.69	.02						.10	.01	1.01
WASHINGTON																.38	.02							.04	.44
WEBSTER MILLS 3 SW																			.01	.01					.02
WELLSBORO 2 E																			.01	.04	.02				.07
WILLIAMSPORT 4 E WB AIRPORT 6																					*	*	*	.36	
WILLIAMSPORT							.01														.16	.12	.01		.30
WIND GAP 3 SW	.01	.02																						.03	.06
YORK 2 S FILTER PLANT																					.05	1.33	.07		1.45
YOUNGSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
										23d															
ALLENS MILLS	.06					.31	.51	.01			.01	.03		.59		.01	.01								1.54
ALLENTOWN WB AIRPORT	.19	.11											.01						.40	.03					.74
AUSTINBURG 2 W							.21	.03						.26											.50
AVOCA WILKES-BARRE SCRANTON AP 6									*	*	*	*	*	.56	*	*	*	*	*	.17					
BETHLEHEM LEHIGH UNIV	.08	.30																	.29	.02	.01				.70
BLAIN						.01	.01			.01															.03
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.36							*	*	*	*	*	.02					
BLAKESLEE CORNERS	.09	.04							.01			.01	.01			.01	.01	.04	.05						.27
BOSWELL	*	*	*	*	*	*	*	.47																	.49
BROOKVILLE AIRPORT 6			*	*	*	*	*	1.04	*	*	*	*	*	.10	*	*	*	*	*	.04					
BUCKSTOWN	.01	.01	.03																						.05
BUTLER SUBSTATION		*	*	.18	.48										.04						.01	.01			.72
CANTON 1 NW	.01			.16	.16	.11	.05		.53	.03						.28	.02								1.35
CARTER CAMP			.07			.10	.13	.34	.01		.01		.01		.25		.01	.06							.99
CHAMBERSBURG									.01			.01													.02
CHARLEROI				.07																					.07
CLARION 3 SW					.27	.36	.01						.59	.26											1.49
COALPORT		.01	.02		.12		.04	.04							.15	.45	.06	.01							.90
COATESVILLE 1 SW	.03																			.30					.33
CONFLUENCE 1 SW	.01	.04	.01																						.06
CONNELLSVILLE 4 N						.02		.01																	.03
CRESSON 1 E SUMMIT							.03	.04		.01								.17	.20	.47					.92
CURWENSVILLE 6 NW AIRPORT 6	*	.02	*	*	*	*	*	.47	*	*	*	*	*	.09	*	*	*	*	*	.03					
DINGMANS FERRY		.07	.01	.01		.01	.01	.01	.01	.02			.01				.01	.06							.23
DRIFTWOOD			.04	.01	.02		.15	.10	.01	.01	.01	.01		.01	.40										.77
DUNLO		.01						.02																	.03
DUSHORE						.01	.01	.01	.45	.50	.06	.01	.01	.01	.01	.10									1.18
EAGLES MERE	.01	.01		.04	.02		.01		.08	1.15	.27		.01	.01	.01	.26	.02								1.87
EMPORIUM	.05	.01				.48	.09	.01			.01		.10	.04	.02	.01									.82
ENGLISH CENTER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ERIE WB CITY												.01													.01
ERIE AIRPORT 6	*	.01							*	*	*	*	*	.10											
EVERETT	*	*	*	*	*	*	*	.14																	.14
FORD CITY DAM 4 S //	.07	.03	.08		.01	.17									.07										.43
FRANKLIN					.28								.40	.02	.03	.16									.89
GETTYSBURG 1 S																		.02							.02
GOOD SPRINGS 1 NW					.01				.01				.03					.33	.01						.39
GREENSBURG 2 E HIGHWAY SHED			.10	.01															.09						.20
HARRISBURG 3 S WB AIRPORT										.02															.02

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HAWLEY 1 S WALLEN DAM													.10	.04	.02			.01	.01	.02					.20
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBUEG		.03	.03															.21	.18	.12					.57
HOME	.04	.01		.01		.09												.03							.18
HONESDALE 6 N TANNERS FALLS //			.09								.06	.16	.06												.37
HUNTSDALE								.01		.01		.01													.03
INDIANA 2 SE		.01		.05	.10	.02	.01	.01		.01															.23
JACKSON SUMMIT			.08	.01			.04	.08	.01	.01	.01			.42	.02	.02			.02						.70
JAMESTOWN 2 NW											.40			.12											.52
LANE 5 SE		.01			.01	.13	.02			.01	.01		.49	.02											.70
LAMPETER SCS 1 A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LANCASTER 2 NE FILTER PLANT	.87										.01	.01		.02							.15				1.06
LAURELTON STATE VILLAGE			.01		.01		.01			.03						.31	.07	.01							.45
LEBANON 3 SW																	.01	1.08	.60	.01					1.70
LEHIGHTON	*	*	*	*	*	*	*	.40																	.50
LEWISTOWN							.01		.02																.04
LOCK HAVEN 2			.06			.04	.01	.05	.27	.03	.01				.23	.01		.04							.75
MARIENVILLE						.75	.05						.10	.22		.08									1.20
MARTINSBURG		.01			.01																				.02
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.03																	
MEADVILLE 1 S	.01	.01	.01	.01	.02						.01	.13	.04	.02	.04	.01	.02	.01	.04		*	*	*	.01	.48
MEDIX RUN		.01	.01	.01	.02	.01	.25	.05	.01	.02	.01	.01		.16		.01	.02								.60
MERCER 5 NE WB AIRPORT 6			*	*	*	*	*	.29	*	*	*	*	*	.19											
MERWINSBURG	.01	.31																.15							.47
MILAN	.01	.01																							.02
MILLERSBURG 2 E									.03																.77
MILLVILLE	.01									.01	.01	.02	.01			.08	.12	.62							.34
MONROE FURNACE				.01		.01		.01					.02		.03	.20	.20		.01						.31
MONTROSE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	*	*	1.20					1.50
MOUNT POCONO 2 N WB AIRPORT //		.01	.08	.03									*						.09	.01					.22
MOUNT UNION 1 NW //		.01											.08								.22				.31
MURRYSVILLE	.08	.01	.02			.01											.14		.03						.12
NEFFS MILLS 4 NE					.02	.01					.01														.21
NEW CASTLE 1 N			.31	.12									.27			.10									.80
PARKERS LANDING 1 E				.43	.10								.20	.10											.83
PARK PLACE 1 NW WB AIRPORT 6	*	.21											*	.02	*	*	*	*	*	.17					
PHILADELPHIA WB AIRPORT	.13													.02	.01						.31				.47
PHILADELPHIA POINT BREEZE		.14	.02												.02										.18
PHILADELPHIA WB CITY	.13	.01								.01			.01	.02							.61				.79
PHILLIPSBURG 7 E WB AIRPORT		.02	.02	.02	.02	.02	.03	.06	.02						.02	.02									.25
PHOENIXVILLE 1 E PUMP STATION	.12	.88	.02							.02	.01			.10							.24	.06			1.45
PIKES CREEK												.08	.01					.22	.04						.35
PINE GROVE MILLS 1 S					.01				.01							.01	.02								.05
PITTSBURGH 7 SE WB AIRPORT //	.04		.02								.30	.10													.06
PLEASANT MOUNT 1 W																									.40
PORT CLINTON	.02																								.02
PUNXSUTAWNEY 2	.09	.11	.01	.06		.42		.01																	.70
PITNEYVILLE 2 SE	.05	.01	.01	.01	.20	.35	.01																		.64
READING WB CITY	.52												.02						.07	.24	.01				.86
RENOVO 6 S STATE CAMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RIDGWAY						.50	.14							.37											1.01
ROCHESTER 1 N				.40	.20									.42											1.02
ROSCANDIA	.04	.01			.01	.05							.25												.36
SCRANTON WB CITY											.01	.24	.01				.16	.09	.01						.52
SELLERSVILLE 2 NW	*	.32																							.32
SHADE GAP	.01								.01		.01			.01			.02								.06
SHEFFIELD 6 W CHERRY GROVE					.04	.06		.01		.01	.01	.21	.01												.35
SMETHPORT HIGHWAY SHED						.02	.11						.10	.60		.02									.85
SOUTH CANAAN 1 E			.01	.01								.04	.18	.10	.01		.01	.02	.01	.01					.40
SPRING GROVE												.01	.03												.04
STATE COLLEGE				.01	.01				.01								.02								.05
STRONGSTOWN				.04	.10	.01														.20					.35
SUNBURY															*	*	*	.63							.63
SUSQUEHANNA 4 N STILL CREEK DAM	.12																	.19	.01						.32
SWONESTA 2 SE DAM //		.01			.33	.07							.22		.13	.01									.77
TIOGA									.01				.72												.73
TITUSVILLE															.30	.03	.03								1.26
WAMPUM	.01	.02	.02	.10		.08	.10	.50	.05	.05					.01	.01	.02	.05							1.08
WANNELTON //				.17	.03					.10	.75	.11						.01	.49						.70
WARREN 4 NE BALD EAGLE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.20					.20
WASHINGTON CITY 1 W								.02				.52	.01	.03	.02										.60
WATNESBURG 2 W	.01	.01	.01	.05	.04									.12	.06	.01									.12
WELLSBORO 2 E		.01	.03			.01	.17	.34						.04	.16										.19
WILLIAMSPORT 4 E WB AIRPORT 6			*	*	*	*	*	.02	*	*	*	*	*	.44	*	*	*	*	*	.28					.76
WILLIAMSPORT				.02		.01	.02		.24	.29				.03		.40									
WIND GAP 3 SW	.01	.15																							1.01
WRK 2 S FILTER PLANT																									.16
YOUNGSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	.02	-	-	-	-	-	-	-	-	-	-	-	.02
																									-
													24th												
ATLER SUBSTATION		.03																							.03
ENGLISH CENTER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAMPETER SCS 1 A	*	*																							*
PHILADELPHIA POINT BREEZE																									
PIKES CREEK																									
RENOVO 6 S STATE CAMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.05		.40	.01		.41
																									.05
													26th												
ALLENTOWN WB AIRPORT																									
AVOCA WILKES-BARRE SCRANTON AP 6																						.01			.01
BAKESLEE CORNERS																					*	*	*	.12	
BOWELL																						.07			.07
BROOKVILLE AIRPORT 6																		.01	.01						.02
CARLEROI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		*	*	*	.06	
CARRION 3 SW																					-	-	-	-	-
CATESVILLE 1 SW																					.02	.09			.11
CONFLUENCE 1 SW																								.01	.01
CONNELLSVILLE 4 N																			.01	.01					.02
ERIE WB CITY																		.02							.02
ERIE AIRPORT 6										.01	.02	.01		.01											.05
EVERETT															*	*	*	*	*	.08					
																				.02					.02

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FORD CITY 4 S //																		.01							.01
GLEN ROCK																				.02	.03	.07			.12
HOLTWOOD																						.04	.05	.02	.11
HUNTSDALE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JAMESTOWN 2 NW										.01	.01	.01		.01	.01			.04	.06						.15
KANE 5 SE																								.08	.08
LAMPETER SCS 1 A																				*	*	*	*	*	*
LANCASTER 2 NE FILTER PLANT																					.01	.02			.03
MARIENVILLE																							.03		.03
MEADVILLE 1 S																.01			.05						.06
MERCER 5 NE WB AIRPORT 6									*	*	*	*	*	.03	*	*	*	*	*	.04	*	*	*	*	.10
MOUNT POCONO 2 N WB AIRPORT //																					.06	.08	.04		.18
NEW CASTLE 1 N																				.04					.04
PARKERS LANDING 1 E																						.19			.19
RENOVO 6 S STATE CAMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCHESTER 1 N																	.01								.01
SMETHPORT HIGHWAY SHED																								.15	.15
SPRING GROVE																				.01	.01				.02
TIONESTA 2 SE DAM																						.03			.03
WASHINGTON																		.01	.01						.02
YORK 2 S FILTER PLANT																				.34					.34
												27th													
ALLENS MILLS																				.39	.01				.40
AUSTINBURG 2 W			.03																						.03
BLAIRSVILLE 6 ENE 6																					*	*	*	.02	
BOSWELL																							.01	.02	.03
BROOKVILLE AIRPORT 6																					*	*	*	.06	
BUTLER SUBSTATION														.01				.01		.01		.25	.09	.05	.42
CARTER CAMP																					.07	.05			.12
CHARLEROI																		.01	.01	.02			.01	.09	.14
CLARION 3 SW									.01										.26	.39			.02	.05	.73
COALPORT			.02	.03																					.95
COATESVILLE 1 SW	.19	.16	.12	.10	.02			.01	.01																.61
CONNELLSVILLE 4 N																							.08	.03	.11
DRIFTWOOD																					.08	.22	.03	.01	.34
EMPORIUM																					.12		.01		.13
ERIE WB CITY																					.17	.37	.01	.02	.57
ERIE AIRPORT 6																					*	*	*	*	
FORD CITY DAM 4 S //																							.34	.03	.37
FRANKLIN																			.23						.23
GLEN ROCK	.12	.08	.34	.01					.01																.56
GREENSBURG 2 E HIGHWAY SHED																							.11		.11
HAWLEY 1 S WALLEN DAM							.05																		.05
HOLTWOOD	.30	.04	.14	.12																					.60
HOME																								.19	.19
HUNTSDALE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JACKSON SUMMIT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
JAMESTOWN 2 NW																	.23	.01							.24
KANE 5 SE																				.24				.28	.52
KIRKWOOD 1 SW	.38	.22		.10																.03					.73
LAMPETER SCS 1 A	*	*	*	*	*	*	*	*																	*
LANCASTER 2 NE FILTER PLANT			.03	.01						.01															.05
MARIENVILLE																			.10	.20					.30
MEADVILLE 1 S																.11		.02					.01		.14
MEDIX RUN																					.36				.36
MERCER 5 NE WB AIRPORT 6															*	*	*	*	*	.51	*	*	*	.01	
MILAN														.01	.01	.01	.02	.01		.02	.01				.09
MONTROSE								.01															.07	.01	.01
MURRYSVILLE																						.03	.11		.14
NEW CASTLE 1 N																				.07			.01	.02	.10
PARKERS LANDING 1 E																									.36
PHILADELPHIA WB AIRPORT			.24	.02	.10																				.56
PHILADELPHIA POINT BREEZE				.45	.08	.03																			.53
PHILADELPHIA WB CITY		.04	.35	.12	.02																				1.30
PHOENIXVILLE 1 E PUMP STATION											.10	.32		.08	.32	.38	.10								.19
PITTSBURGH 7 SE WB AIRPORT //																							.18	.01	.15
PITTSBURGH WB CITY																							.13	.02	.20
PUNXSUTAWNEY 2																								.20	.10
PUTNEYVILLE 2 SE																							.05	.05	.07
RENOVO 6 S STATE CAMP																					.02	.05			.60
RIDGWAY																				.52	.08				.46
ROCHESTER 1 N																						.16	.09	.21	.62
SCANDIA																	.01	.05	.03	.02			.36	.15	.45
SHEFFIELD 6 W CHERRY GROVE																			.08				.36	.01	.01
SMETHPORT HIGHWAY SHED	.01																								.07
SPRING GROVE	.02	.02	.02	.01																				.05	.05
STRONGSTOWN																									.58
TIONESTA 2 SE DAM //																			.55	.01			.02		.10
TITUSVILLE																	.02	.07	.01						.66
UNION CITY 1 W																						.54	.12		.09
VANDERGRIFT 2 W																							.09		.09
WASHINGTON																							.08	.11	.19
WAYNESBURG 2 W																								.19	.19
YOUNGSVILLE																							.53	.01	.54
												28th													
ALLENS MILLS	.01	.01																							.02
AUSTINBURG 2 W	.29	.01																							.30
BETHLEHEM LEHIGH UNIV			.01																						.01
BOSWELL	.02	.01																							.03
BUTLER SUBSTATION	.03							.02																	.05
CANTON 1 NW						.20																			.20
CARTER CAMP	.27					.01																			.28
CHARLEROI	.14																								.14
CONFLUENCE 1 SW																	.47	.01							.48
CONNELLSVILLE 4 N														.09											.09
CURWENSVILLE 6 NW AIRPORT 6	*	.04	*	*	*	*	*	.01																	.04
DRIFTWOOD		.01	.01	.01	.01																				.02
EMPORIUM	.02																								
ERIE AIRPORT 6	*	.22																							.04
FORD CITY 4 S //	.03	.01																							

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1942

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GETTYSBURG 1 S																									
GREENSBURG 2 E HIGHWAY SHED	.06															.02	.10								.12
HOLTWOOD																									.06
HOME	.01																		.02						.02
HUNTSDALE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01
INDIANA 2 SE			.01		.01																				-
JACKSON SUMMIT	*	*	*	*	*	*	*	.20																	.02
KANE 5 SE		.01	.01	.01				.01	.01																.20
MEDIX RUN	.08	.01	.01																						.05
MURRYSVILLE	.05																								.10
PITTSBURGH 7 SE WB AIRPORT //	.08																								.05
PITTSBURGH WB CITY	.01	.01																							.08
PUNXSUTAWNEY 2							.01		.01																.02
PUTNEYVILLE 2 SE	.02	.02	.01																						.02
ROCHESTER 1 N	.03																								.05
SCANDIA	.08	.01	.02																						.03
SHEFFIELD 6 W CHERRY GROVE	.01					.01																			.11
SMETHPORT HIGHWAY SHED	*	*	.26																						.02
TOWANDA		.07																							.26
TUNNELTON //	.03	.01																							.07
UNION CITY 1 W	.01																								.04
VANDERGRIFT 2 W	.01																								.01
WASHINGTON	.02																								.01
WAYNESBURG 2 W	.01																								.02
WELLSBORO 2 E		.18																							.01
YOUNGSVILLE	.03																								.18
												30th													.03
ALLENS MILLS																									
AUSTINBURG 2 W																									
AVOCA WILKES-BARRE SCRANTON AP 6																				.18	.12				.12
BOSWELL																					*	*	*	.16	.18
BUCKSTOWN																					.01		.01	.01	
BUTLER SUBSTATION																				.02	.06				.03
CANTON 1 NW																			.07	.01					.08
CARTER CAMP																				.02				.01	.08
CHARLEROI																				.01	.26		.01		.03
CLARION 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.28
COALPORT																		.02							-
CONFLUENCE 1 SW																			.01	.01	.02				.02
CONNELLSVILLE 4 N																							.01	.02	.04
CURWENSVILLE 6 NW AIRPORT 6																			.02				.02		.03
DUNLO														*	*	*	*		*	.08	*	*	*	.09	.04
DUSHORE																					.01	.06			.07
EMPORIUM																				*	*	*	*		*
ENGLISH CENTER																			.06	.05					.11
ERIE WB CITY													*	*	*	*	*	*	*	*	*	*	*	*	*
ERIE AIRPORT 6														.04	.39	.31									.66
FORD CITY 4 S //														*	*	*	*	*	*	.66					.82
FRANKLIN																		.07		.75					.12
GREENSBURG 2 E HIGHWAY SHED																		.12							.35
HOLLIDAYSBURG																			.08	.05	.22				.04
HOME																			.02	.17	.12		.04		.31
HUNTSDALE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA 2 SE																			*	.03	.11	.01	.01	.02	.07
JACKSON SUMMIT								*	*	*	*	*	*	*	*	*	*	*							.11
JOHNSTOWN 2																		.05			.02	.07	.03		.12
KANE 5 SE																									.05
KIRKWOOD 1 SW														*	*	*	*	*	*	*					*
LAMPETER SCS 1 A														*	*	*	*	*	*	*	*	*	*		*
LANCASTER 2 NE FILTER PLANT														*	*	*	*	*	*	*	*	*	*		*
LEIGHTON																									*
LEWISTOWN																									*
LORIENVILLE																									*
MARTINSBURG																				.01	.01				.02
MARTINSBURG BLAIR CO AIRPORT 6																		.10					.02		.10
MEADVILLE 1 S																									.02
MERCER 5 NE WB AIRPORT 6																		.06			*	*	*	.02	.06
MILAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	*	*	*	*	*	.43				-
MONROE FURNACE																									.03
NEFFS MILLS 4 NE																				.01	.02				.10
NEW CASTLE 1 N																						.07	.03		.03
PARKERS LANDING 1 E																		.03							.03
PHILLIPSBURG 7 E WB AIRPORT																		.03							.03
PITTSBURGH 7 SE WB AIRPORT //																							,15	.18	.33
PITTSBURGH WB CITY																		.01	.01						.02
PUNXSUTAWNEY 2																		.29		.04					.33
PUTNEYVILLE 2 SE																			.02		.01				.03
RIDGWAY																		.02	.10						.12
ROCHESTER 1 N																			.12	.07					.19
SCANDIA																.12			.02						.14
SCRANTON WB CITY																			.11						.11
STATE COLLEGE																								.01	.01
STRONGSTOWN																						.06			.06
SUNBURY																			.01	.09		.02	.02		.14
SUSQUEHANNA 2 SE DAM //																			.07						.07
TOWANDA																						.01	.01		.02
TUNNELTON //																					.03				.03
UNION CITY 1 W																				.01	.02	.02	.01		.06
VANDERGRIFT 2 W																			.07						.07
WASHINGTON																				.02					.02
WAYNESBURG 2 W																			.04	.02	.01				.07
WELLSBORO 2 E																			.01		.01	.02			.04
WILLIAMSPORT 4 E WB AIRPORT 6																					.02				.02
WILLIAMSPORT														*	*	*	*		*	.28	*	*	*	.02	.30
WOLF GAP 3 SW														.29		.01									.02
YOUNGSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.01	-	-	-	-	-
												31st													
YORKTOWN	.02																								.02
ZELLER SUBSTATION										.01	.01														.02
ZEMBERSBURG							.01		.01																.02
ZERLEROI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CONFLUENCE 1 SW	.04	.01	.01																						.06
DUSHORE	*	.10																							.10
ENGLISH CENTER	*	.28																							.28
GETTYSBURG 1 S		.06			.04	.04																			.14
GLEN ROCK	.01	.01		.01		.01	.01																		.05
HARRISBURG 3 S WB AIRPORT							.01																		.01
HEWITT 2 S			.07	.03	.02																				.12
HUNTSDALE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KIRKWOOD 1 SW													*	.53											.53
LAMPETER SCS 1 A	*	*	*	*	*	*	*	*	*	*	*	*	*	3.20											3.20
LANCASTER 2 NE FILTER PLANT	*	*	*	*	*	*	*	*	*	*	*	*	*	.44											.44
LEHIGHTON	*	*	*	*	*	*	*	.02																	.02
MOUNT POCONO 2 N WB AIRPORT //	.01																								.01
PHILADELPHIA POINT BREEZE																		.04							.04
PHILADELPHIA WB CITY																	.03								.03
PHOENIXVILLE 1 E PUMP STATION																								.02	.02
READING WB CITY												.06													.06
SPRING GROVE						.04	.01																		.05
WIND GAP 3 SW		.01	.05																						.06

See reference notes following Station Index

TABLE 5

DAILY TEMPERATURES (° FAHRENHEIT)

PENNSYLVANIA

STATION		DAY OF MONTH																													MONTH
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLENTOWN WB AIRPORT	MAX	84	81	83	90	94	88	76	86	87	86	90	91	87	85	84	84	72	90	87	86	86	85	83	82	83	86	87	87	90	91	86	86.0
	MIN	62	56	64	62	64	67	60	52	56	58	61	66	70	68	62	57	63	63	63	63	67	67	67	59	54	59	72	69	62	64	72	63.0
ALLENTOWN GAS CO	MAX	88	83	80	82	89	93	88	74	84	86	85	90	91	88	85	84	84	75	89	86	86	91	84	83	81	82	85	87	87	88	92	85.5
	MIN	69	55	63	62	63	69	62	55	57	57	61	65	71	69	59	58	62	66	68	59	68	68	68	67	56	59	57	72	63	65	69	63.3
ALTOONA HORSESHOE CURVE	MAX	75	75	83	89	89	80	71	77	80	84	86	87	80	77	80	80	88	85	84	86	84	87	85	74	77	83	[illegible]	84	87	90	85	82.5
	MIN	58	48	60	66	68	67	59	48	48	49	57	60	66	61	60	60	66	66	66	62	67	67	66	56	51	52	65	62	56	[illegible]	65	59.8
ARENDTSVILLE	MAX	87	84	83	84	89	93	91	69	80	83	85	89	90	86	83	80	81	84	[illegible]	[illegible]	83	89	88	86	81	82	87	[illegible]	89	89		85.2
	MIN	63	55	61	64	65	68	63	53	53	53	59	62	69	68	68	59	67	64	64	65	63	71	67	59	53	53	62	64	63	64	71	62.4
AVOCA WILKES-BARRE AIRPORT	MAX	79	77	78	86	90	82	73	80	83	85	88	90	[illegible]	81	83	[illegible]	75	86	83	86	89	85	78	77	78	[illegible]	85	82	84	89	[illegible]	82.5
	MIN	63	58	62	59	62	66	56	51	54	60	60	65	67	66	59	61	66	67	61	57	66	67	64	61	54	60	70	67	61	62	69	62.0
BAKERSTOWN 4 WNW	MAX	84	76	72	86	82	85	79	72	74	74	77	80	81	81	76	75	74	79	79	81	80	77	75	79	77	79	75	74	78	77	79	78.2
	MIN	54	51	52	54	53	60	55	52	53	53	54	56	64	52	57	55	57	65	56	52	51	55	[illegible]	53	52	52	51	57	55	56	57	55.0
BELLEFONTE ROCKVIEW FARM	MAX	83	78	73	84	91	90	84	89	82	81	86	88	88	80	90	83	82	85	88	87	84	85	86	83	[illegible]	82	82	87	84	87	90	84.7
	MIN	62	50	57	61	[illegible]	70	60	47	50	51	60	62	69	64	58	64	68	67	63		63	67	69	59	54	54	64	64	[illegible]	60	67	61.0
BERWICK	MAX	85	81	83	89	94	91	82	82	85	87	90	92	89	84	84	85	85	90	89	87	[illegible]	86	[illegible]	84	82	84	88	87	86	92	91	86.7
	MIN	63	54	62	63	62	65	60	51	53	56	60	64	68	68	62	60	68	69	61	62	65	68	72	63	53	58	69	68	60	62	69	62.5
BETHLEHEM LEHIGH UNIV	MAX	84	81	84	91	95	87	74	84	87	85	89	90	87	83	82	83	70	88	86	87	91	83	80	80	81	84	88	87	90	92	84	85.1
	MIN	62	58	64	63	65	66	59	57	62	63	63	68	70	70	62	58	62	67	67	65	69	66	66	65	58	61	73	[illegible]	64	66	71	64.5
BLAIRSVILLE 6 ENE	MAX	69	72	80	84	82	74	68	76	72	83	82	86	74	78	81	80	81	81	79	80	79	80	79	70	78	76	81	78	81	87	78	78.5
	MIN	55	52	62	63	67	62	53	51	56	58	62	65	66	63	58	62	[illegible]	65	63	65	66	66	60	56	54	60	61	60	60	64	65	60.8
BRADFORD 4 W RES NO 1	MAX	69	68	80	85	83	77	69	76	79	85	85	[illegible]	80	80	80	80	83	82	80	83	83	80	80	71	76	75	82	77	82	86	82	79.5
	MIN	48	45	[illegible]	54	56	65	53	40	44	47	51	[illegible]	65	60	41	52	65	55	55	48	56	60	62	52	46	52	61	59	47	54	52	53.4
BROOKVILLE AIRPORT	MAX	70	72	84	88	87	79	72	77	81	85	86	85	84	80	80	80	84	85	83	84	81	85	80	72	79	[illegible]	82	78	83	87	80	80.9
	MIN	49	47	60	60	64	62	52	46	47	47	54	58	66	61	53	57	67	59	56	57	61	66	62	50	47	52	62	56	50	56	56	56.1
BURGETTSTOWN 3 W	MAX	82	75	77	87	92	84	84	77	81	85	87	89	89	85	81	86	83	89	87	86	84	82	86	82	76	81	81	85	84	[illegible]	[illegible]	84 9
	MIN	45	52	52	58	66	52	46	50	50	52	61	63	66	60	62	65	69	58	62	62	66	68	52	46	52	61	59	52	56	59	51	57.2
BURNT CABINS 2 NE	MAX	83	82	86	90	94	90	67	82	82	85	91	89	87	82	85	82	90	90	85	85	90	90	88	80	84	89	88	89	90	95	90	86.5
	MIN	54	44	60	62	63	63	56	46	44	46	56	62	65	[illegible]	63	60	67	62	56	60	59	[illegible]	64	54	[illegible]	52	52	54	55	58	63	57.3
BUTLER	MAX	84	75	83	85	94	90	83	79	82	87	91	88	90	87	84	86	84	83	89	89	88	83	88	85	83	85	82	87	85	89	91	85.8
	MIN	51	49	64	65	66	66	62	[illegible]	50	52	54	56	67	64	60	63	70	68	61	60	67	69	67	57	50	48	69	61	51	61	60	59.9
CANTON 1 NW	MAX	81	85	86	84	87	87	81	72	80	80	83	82	85	79	79	81	78	86	83	81	[illegible]	84	82	74	74	72	72	83	79	83	85	81.0
	MIN	[illegible]	50	54	56	57	63	52	48	51	54	59	62	64	60	50	[illegible]	60	58	56	53	57	63	63	51	49	52	60	59	54	55		56.0
CARLISLE	MAX	86	77	84	90	94	91	[illegible]	82	86	87	91	92	90	[illegible]	82	84	82	88	87	85	91	87	86	80	84	88	[illegible]	89	88	95	90	86.7
	MIN	62	54	60	63	65	67	61	50	51	51	58	61	71	66	65	57	65	68	60	63	64	67	67	60	50	54	67	66	63	63	72	61.6
CHAMBERSBURG	MAX	82	80	83	91	92	87	73	82	83	86	91	90	87	83	[illegible]	81	88	89	84	81	89	90	87	81	85	88	87	91	92	96	87	86.1
	MIN	61	52	62	65	66	66	63	52	51	52	60	65	69	68	67	[illegible]	[illegible]	[illegible]	62	64	63	72	67	59	50	55	67	63	61	65	70	62.2
CLARION 3 SW	MAX	72	75	85	90	87	82	75	80	83	86	89	87	85	82	83	[illegible]	[illegible]	85	85	84	82	85	81	74	81	77	86	81	87	89	82	82.8
	MIN	49	45	59	58	60	62	56	46	45	47	55	58	64	60	53	56	65	65	55	55	61	65	63	53	47	54	64	56	49	55	57	56.0
CLAYSVILLE	MAX	74	77	88	92	90	85	76	81	82	85	86	87	84	81	83	[illegible]	[illegible]	87	86	83	81	81	81	75	[illegible]	81	85	82	87	88	83	83.4
	MIN	56	47	57	63	60	66	59	50	55	56	59	65	71	67	62	63	67	69	61	65	66	70	[illegible]	[illegible]	50	[illegible]	66	60	56	64	67	61.2
COALPORT	MAX	80	75	75	83	90	89	80	69	79	82	87	89	85	82	82	81	80	85	85	84	[illegible]	83	88	83	76	80	82	85	82	87	89	82.7
	MIN	53	45	47	58	62	62	60	47	41	44	44	57	58	60	[illegible]	53	[illegible]	55	55	55	58	62	66	57	43	44	50	60	54	52	57	54.3
COATESVILLE 1 SW	MAX	88	83	80	83	90	92	89	70	85	85	82	87	88	86	83	[illegible]	82	[illegible]	[illegible]	84	[illegible]	90	88	83	80	81	85	88	87	[illegible]	90	84.6
	MIN	67	55	60	62	65	70	65	55	55	53	59	61	[illegible]	71	66	54	63	[illegible]	61	[illegible]	[illegible]	70	70	65	54	55	66	70	65	66	62	62.8
COLUMBIA	MAX	85	82	87	92	97	90	82	85	87	87	93	93	89	85	85	[illegible]	[illegible]	[illegible]	85	87	93	90	87	85	85	90	90	92	92	[illegible]	[illegible]	88.1
	MIN	67	59	60	65	67	72	65	54	57	56	63	66	74	71	65	56	[illegible]	71	60	63	[illegible]	[illegible]	71	67	55	58	69	72	74	69	72	65.2
CONFLUENCE 1 SW	MAX	[illegible]	74	76	86	88	88	82	74	76	86	87	86	88	80	76	77	79	85	85	82	79	81	82	82	74	80	84	83	83	87	87	81.9
	MIN	59	52	53	63	64	65	61	50	50	50	53	60	64	66	65	60	63	65	63	63	64	67	68	60	53	52	56	60	62	62	65	59.9
CORRY	MAX	69	71	83	88	87	82	75	81	83	89	88	86	83	80	85	82	85	[illegible]	81	87	84	81	81	70	[illegible]	78	85	78	85	88	[illegible]	81.9
	MIN	53	47	58	56	60	64	57	44	49	55	56	60	67	[illegible]	[illegible]	[illegible]	65	[illegible]	59	55	61	61	65	57	53	[illegible]	67	61	50	60	58	58.0
COUDERSPORT	MAX	78	76	81	86	88	76	74	76	80	86	89	88	84	80	82	80	86	85	[illegible]	85	[illegible]	[illegible]	[illegible]	78	[illegible]	83	83	81	80	86	79	82.3
	MIN	52	45	56	59	58	56	42	46	43	46	58	52	64	61	[illegible]	[illegible]	55	57	52	51	60	61	[illegible]	44	61	58	48	52	54	46	51	52.5
CURWENSVILLE 6 NW AIRPORT	MAX	69	69	77	85	83	76	64	74	79	81	82	81	76	75	76	[illegible]	79	81	80	80	79	[illegible]	[illegible]	[illegible]	75	75	78	77	79	83	77	77.3
	MIN	49	45	55	61	60	61	50	48	50	50	58	59	64	58	55	59	63	56	56	59	62	[illegible]	59	47	47	55	59	57	[illegible]	61	55	55.9
DERRY	MAX	75	74	84	89	89	82	72	82	85	89	88	90	[illegible]	81	[illegible]	[illegible]	86	86	[illegible]	[illegible]	83	[illegible]	83	80	84	[illegible]	[illegible]	85	85	90	[illegible]	83.5
	MIN	60	49	64	65	67	62	66	50	57	55	61	65	67	66	60	68	69	69	60	66	64	[illegible]	70	60	[illegible]	63	65	61	56	62	[illegible]	62.8
DONEGAL	MAX	69	72	82	84	86	77	69	74	78	84	86	85	77	77	78	78	81	80	[illegible]	77	79	80	80	[illegible]	78	[illegible]	81	80	84	85	81	79.1
	MIN	52	42	57	60	59	58	49	46	49	[illegible]	56	60	64	[illegible]	58	62	63	58	56	60	62	64	[illegible]	50	[illegible]	49	59	56	51	58	60	55.8
DONORA	MAX	77	80	92	94	94	85	79	85	86	88	88	90	86	86	84	83	91	91	89	83	[illegible]	82	85	79	[illegible]	83	[illegible]	[illegible]	92	93	89	86.4
	MIN	62	53	66	67	67	66	64	56	59	61	66	65	71	69	65	69	72	70	66	71	[illegible]	73	71	62	57	63	68	[illegible]	61	61	72	65.4
EAGLES MERE	MAX	76	73	73	73	81	82	76	78	75	76	78	83	82	71	75	75	73	71	80	75	78	80	77	72	71	73	79	75	78	80	78	76.4
	MIN	56	50	50	58	64	62	52	53	55	55	58	61	65	[illegible]	55	55	61	61	66	59	61	63	65	55	50	52	58	62	60	60	62	58.3
EAST WATERFORD 3 E	MAX	76	70	77	84	87	77	66	76	77	79	85	81	75	75	74	74	79	81	81	77	82	81	78	73	76	79	83	80	82	87	82	78.5
	MIN	60	52	60	65	69	65	56	55	59	60	64	67	68	63	61	60	64	66	65	67	65	65	66	58	55	62	65	64	63	68	68	62.7
EBENSBURG	MAX	75	69	73	77	85	83	75	66	78	79	84	84	84	76	79	79	78	80	81	79	80	80	82	79	69	75	77	80	79	82	84	78.4
	MIN	56	47	59	63	65	63	56	48	49	51	57	62	65	61	54	58	65	65	58	62	62	66	65	56	49	52	62	58	56	61	65	58.6
EMPORIUM	MAX	83	75	73	84	89	88	82	77	81	84	87	89	89	89	[illegible]	84	82	86	86	86	86	[illegible]	86	[illegible]	77	81	76	82	86	90	83	83.8
	MIN	57	48	55	54	64	63	57	46	48	50	58	59	60	63	47	55	62	59	55	57	63	65	67	54	47	52	57	[illegible]	53	[illegible]	61	56.4
EPHRATA	MAX	88	88	81	88	90	94	87	79	83	86	84	89	90	87	86	84	83	86	86	85	85	90	89	86	82	83	86	87	88	90	92	86.6
	MIN	67	56	61	65	62	71	63	55	56	55	[illegible]	66	72	56	63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

See reference notes following Station Index

PENNSYLVANIA

JULY 1948

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ERIE WB CITY	MAX	68	72	78	86	86	78	72	77	82	86	88	89	80	75	78	85	86	80	79	86	80	81	76	71	77	74	85	76	82	90	77	80.0
	MIN	58	56	65	67	73	67	62	57	64	66	73	71	70	63	57	68	72	71	67	66	67	67	66	65	63	68	68	66	63	70	68	65.9
EVERETT	MAX	80	78	87	87	92	87	70	79	80	84	89	88	85	81	81	83	88	88	84	82	89	91	87	79	83	90	89	88	89	94	88	85.2
	MIN	47	50	60	64	64	63	57	47	49	48	57	62	66	64	64	60	68	63	59	61	62	64	65	54	49	51	62	59	58	58	63	58.6
FORD CITY 4 S	MAX	82	73	74	85	90	88	82	75	80	82	86	86	87	80	80	83	82	85	86	85	85	82	87	84	75	80	81	85	83	86	88	82.8
	MIN	55	50	52	64	61	65	59	50	50	51	55	58	61	63	58	52	63	70	59	61	64	67	66	56	48	52	55	60	54	55	63	58.0
FRANKLIN	MAX	80	73	74	85	90	88	81	76	80	82	87	87	84	85	81	83	78	86	85	85	88	80	83	79	74	80	74	84	81	85	88	82.1
	MIN	55	50	53	64	64	64	59	50	51	53	55	58	63	65	55	59	65	67	61	60	61	68	69	59	52	54	62	61	53	53	61	58.8
FREDERICKSVILLE 1 SE	MAX	80	76	80	86	90	84	75	81	83	82	85	87	85	91	87	80	79	85	82	83	86	82	80	79	89	83	84	84	85	84	81	83.2
	MIN	64	51	58	59	60	69	62	58	64	64	63	53	65	66	70	59	60	50	64	68	70	68	66	64	62	66	70	69	70	72	72	63.7
FREELAND	MAX	80	74	74	84	87	83	81	80	80	82	84	84	80	80	81	78	74	84	81	81	82	81	77	76	74	78	83	81	83	87	82	80.5
	MIN	61	51	57	61	67	52	65	74	67	.59	61	66	65	63	57	58	60	64	61	60	65	63	65	58	52	60	66	66	60	65	67	61.8
GEORGE SCHOOL	MAX	84	80	82	87	92	88	75	82	86	83	88	90	88	83	80	83	73	86	86	85	90	84	85	85	82	84	87	86	88	91	83	84.7
	MIN	68	55	63	61	63	68	59	53	55	57	60	65	70	69	62	53	60	67	63	62	65	68	65	71	55	57	68	70	65	66	73	63.1
GETTYSBURG	MAX	87	83	82	85	91	94	89	70	83	84	85	89	90	86	82	82	82	85	88	85	84	89	90	86	82	84	88	86	90	89	91	85.8
	MIN	65	57	63	66	70	70	66	55	54	54	63	66	72	70	69	61	68	66	64	68	64	74	70	65	55	59	69	69	65	67	72	65.0
GORDON	MAX	81	79	82	89	91	85	77	82	85	86	89	89	81	81	82	82	78	87	85	84	87	82	82	81	80	82	86	85	87	91	86	84.0
	MIN	57	47	57	57	58	63	58	42	46	46	55	60	66	66	58	55	58	67	55	60	62	67	68	58	47	52	65	63	57	57	67	57.8
GREENSBURG 2 S FILTER STA	MAX	78	74	85	88	87	82	81	80	84	87	86	88	78	82	82	81	84	85	85	83	81	84	83	76	80	80	84	84	86	88	84	82.9
	MIN	57	47	60	63	61	65	59	47	49	49	56	61	66	68	60	59	69	68	59	63	62	72	69	58	48	50	62	60	55	59	69	59.7
GREENVILLE	MAX	75	76	88	90	87	84	76	82	86	88	88	84	86	82	88	80	88	86	84	89	85	83	79	73	82	75	87	84	86	90	83	83.6
	MIN	51	45	61	63	60	65	60	47	49	52	55	60	66	63	56	62	68	66	59	57	65	66	67	55	50	59	65	59	50	60	56	58.6
HANOVER	MAX	87	81	80	82	91	92	88	68	83	83	83	88	89	85	81	81	82	83	86	82	83	90	89	84	87	83	87	83	87	87	91	84.7
	MIN	66	57	60	63	67	66	65	57	58	61	66	70	72	70	68	61	65	69	65	69	67	70	70	65	56	60	69	70	67	70	73	65.5
HARRISBURG 3 S WB AP	MAX	82	76	85	90	92	88	71	84	84	85	91	90	86	83	84	83	80	88	86	85	89	88	86	80	82	87	88	86	89	92	85	85.3
	MIN	63	58	62	66	68	70	60	55	55	57	64	67	73	72	67	62	67	69	64	67	68	70	70	64	58	63	71	70	65	68	71	65.3
HAWLEY	MAX	83	80	79	84	91	85	77	82	86	89	90	90	79	81	85	83	76	88	85	87	88	86	74	82	83	80	89	86	89	92	88	84.4
	MIN	59	48	53	54	54	63	54	47	50	54	58	59	67	64	54	53	58	61	58	55	61	64	62	57	48	51	66	64	56	55	64	57.0
HAWLEY 1 S WALLEN DAM	MAX	81	76	73	76	84	86	78	70	78	82	82	85	86	78	78	81	78	74	81	81	83	84	83	75	75	75	77	83	79	80	86	79.6
	MIN	58	45	49	47	50	53	54	45	45	[illegible]	[illegible]	56	64	61	48	47	49	58	56	50	51	59	61	57	48	47	49	63	50	50	50	52.3
HEWITT 2 S	MAX	80	79	80	90	92	88	74	79	81	85	88	90	81	78	80		79	78	85	79	86	89	87	78	81	89	87	88	90	92	86	84.0
	MIN	59	44	58	58	61	62	58	59	58	45	59	60	60	60	59		58	69	58	63	62	65	65	55	49	56	60	56	56	60	69	58.7
HOLTWOOD	MAX	97	81	84	90	91	86	73	84	85	84	90	84	88	81	84	81	81	88	82	86	88	88	88	79	84	89	86	86	88	92	79	85.4
	MIN	70	63	64	70	72	72	64	63	61	61	66	68	75	70	70	63	70	73	70	72	70	74	74	68	63	63	72	72	70	72	72	68.6
HUNTINGDON	MAX	83	80	74	89	90	93	85	79	81	82	85	90	90	83	83	82	83	87	88	92	85	86	88	87	79	82	85	89	87	88	93	85.4
	MIN	53	49	50	60	68	67	64	54	49	42	50	61	65	65	63	59	63	67	60	61	63	65	69	58	51	56	56	63	59	59	63	59.1
INDIANA 2 SE	MAX	73	75	83	89	86	82	73	80	82	86	87	88	79	82	82	82	85	86	85	83	81	86	82	74	81	75	84	82	86	88	83	82.3
	MIN	54	45	61	67	62	64	58	46	48	47	50	55	65	61	58	58	62	67	57	59	62	68	67	53	44	48	55	57	52	57	64	57.5
INDIANA	MAX	81	75	84	89	89	86	79	80	83	87	86	87	83	80	85	87	84	85	85	84	83	85	83	77	80	83	85	84	84	89	88	83.9
	MIN	58	59	64	67	66	65	60	52	55	56	60	66	63	64	67	65	68	68	60	64	66	68	66	57	50	57	66	58	57	63	66	62.0
IRWIN	MAX	82	75	92	88	90	81	83	83	86	87	87	90	88	84	85	85	87	88	86	86	82	84	82	82	82	83	85	85	88	89	88	85.2
	MIN	59	49	64	65	66	65	62	49	53	55	61	67	67	64	59	60	69	67	62	65	67	70	67	60	52	55	66	61	57	64	68	61.8
JAMESTOWN 2 NW	MAX	80	70	79	85	89	88	81	74	79	83	86	88	83	84	80	84	80	87	85	85	87	80	81	80	76	82	73	86	82	84	89	82.3
	MIN	52	47	53	63	63	68	60	46	52	57	58	60	67	64	56	63	67	65	60	59	61	67	66	55	51	62	60	59	51	61	57	59.0
JOHNSTOWN 1	MAX	81	75	78	85	90	90	80	71	81	84	91	93	91	81	80	83	84	87	88	87	87	85	90	86	79	82	85	89	87	91	87	84.8
	MIN	60	52	66	65	66	67	63	52	52	52	60	54	68	68	62	62	69	70	60	65	65	71	70	63	50	54	65	63	60	62	72	62.2
KANE 1 NW	MAX	69	68	82	87	85	78	72	79	81	86	86	86	80	77	81	77	84	82	81	83	82	82	79	71	79	72	82	78	84	85	79	79.9
	MIN	45	40	56	53	53	61	45	38	41	44	49	50	61	52	44	51	58	54	53	48	58	57	59	46	42	52	61	51	44	52	50	50.6
LANCASTER 2 NE PUMP STA	MAX	82	78	82	88	92	89	80	84	84	83	88	89	86	84	82	81	79	88	86	84	90	88	86	83	82	86	86	87	88	90	80	85.0
	MIN	64	54	52	62	63	69	61	51	52	50	59	61	71	68	63	56	63	67	60	62	63	68	69	62	62	55	68	66	63	64	71	61.9
LAWRENCEVILLE	MAX	78	80	81	90	92	84	73	84	85	90	91	94	84	79	85	80	88	89	84	89	88	86	82	78	82	76	88	84	87	91	85	84.7
	MIN	56	49	60	60	60	63	55	48	50	53	56	60	67	62	50	56	63	61	57	57	61	55	65	55	50	55	63	60	54	58	59	57.4
LEBANON	MAX	89	84	80	85	91	95	90	72	82	87	86	90	91	87	86	85	84	79	89	87	87	91	89	85	81	83	89	87	88	89	93	86.5
	MIN	67	56	63	67	67	70	63	52	55	56	63	65	73	69	64	60	64	64	52	65	65	69	70	63	55	58	69	69	63	68	72	63.7
LEWISTOWN	MAX	85	81	75	86	91	93	86	72	83	86	88	94	92	85	83	85	86	87	89	88	87	90	90	85	81	85	87	90	88	90	95	86.7
	MIN	62	53	57	61	67	68	64	54	52	53	54	62	65	66	66	62	64	68	61	64	65	66	71	62	53	54	55	67	59	59	63	61.2
MARCUS HOOK	MAX	94	92	87	84	95	91	95	72	90	87	87	87	91	89	84	86	86	78	91	88	88	92	86	82	89	89	82	88	94	93	92	88.0
	MIN	72	64	67	69	72	75	71	62	66	66	70	70	73	73	71	63	66	67	72	72	73	76	72	72	64	67	74	75	74	73	76	70.2
MARTINSBURG BLAIR CO AP	MAX	74	76	81	88	88	80	67	78	80	84	87	86	78	78	78	80	85	83	81	80	83	86	83	73	77	84	84	82	85	89	84	81.4
	MIN	56	48	60	64	68	64	54	48	52	52	59	62	68	65	61	62	67	63	58	62	61	68	63	57	50	56	62	62	57	62	65	59.8
MAUCH CHUNK 1 SW	MAX	82	78			90	90	83	79	82	83	85	87	86	82	80		80	86	86	83	86	86	79		77	80		84		88	86	83.5
	MIN	61	51			58	55	50	44	46	49	53	59	71	65	57		51	65	55	55	61	64	67		48	50		54		55	68	56.5
MEADVILLE 1 S	MAX	87	72	74	86	90	86	80	74	80	83	87	88	84	85	81	86	80	88	85	84	88	81	81	78	74	81	73	86	82	81	89	82.4
	MIN	52	49	61	62	60	66	59	45	48	52	56	61	67	63	54	63	66	64	60	57	64	63	67	54	51	59	66	62	52	60	55	58.6
MERCER 5 NE WB AIRPORT	MAX	70	73	84	89	85	79	74	77	81	85	84	81	84	80	82	80	85	83	82	85	79	82	77	72	79	73	82	78	82	87	80	80.5
	MIN	47	45	61	63	62	62	56	50	54	56	57	64	66	61	55	63	68	61	60	60	64	64	60	52	50	60	62	55	50	63	54	58.2
MIDDLETOWN OLMSTED FIELD	MAX	81	76	84	89	92	86	71	82	84	85	89	90	86	84	84	84	80	88	85	85	91	87	86	80	82	86	87	86	88	93	84	85.0
	MIN	63	60	63	68	68	71	58	63	57	57	65	70	73	71	67	60	68	70	64	68	67	72	71	65	55	65	73	72	66	69	72	66.2
MIDLAND DAM NO 7 LOWER	MAX	73	75	89	92	90	82	76	81	85	86	87	87	83	82	87	83	86	86	85	85	83	87	83	69	80	80	84	82	86	91	83	83.5
	MIN	58	53	63	66	65	67	63	55	57	58	59	65	67	68	63	66	68	66	64	65	68	67	66	62	55	59	64	61	57	65	62	62.6

See reference notes following Station Index

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

PENNSYLVANIA

JULY 1948

STATION		DAY OF MONTH																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ONTROSE 3 E HIGHWAY SHED	MAX	80	75	73	76	84	86	81	72	79	80	84	86	86	74	78	81	78	77	83	79	83	84	83	75	74	77	71	83	80	81	80	
	MIN	64	50	52	56	56	64	52	49	51	57	58	60	64	61	51	54	59	62	58	55	57	62	64	56	52	54	56	63	59	60	62	
OUNT POCONO 2 N WB AP	MAX	75	72	73	84	84	78	69	76	79	79	82	82	76	77	78	76	67	83	79	80	82	79	75	73	72	77	80	78	80	83	85	
	MIN	53	49	54	56	58	61	47	47	52	54	58	62	66	58	55	54	58	64	55	60	63	64	60	54	47	56	65	58	64	57	63	
EFFS MILLS 4 NE	MAX	84	78	74	82	91	91	82	69	80	80	86	89	87	78	83	83	81	85	87	86	84	85	87	84	78	82	83	87	87	88	92	
	MIN	55	46	57	61	62	63	61	46	43	45	55	58	64	64	63	57	64	64	55	57	57	62	70	59	44	49	58	61	57	57	63	
EWBURG 3 W	MAX	74	72	78	83	84	78	62	74	74	76	82	84	78	78	76	77	82	82	78	78	82	82	78	72	75	80	80	80	82	80	78	
	MIN	50	48	50	56	58	60	54	44	44	46	52	58	60	58	56	50	56	60	54	54	54	60	60	48	48	48	56	56	52	55	62	
EW CASTLE 1 N	MAX	72	84	84	92	80	74	79	81	84	88	87	84	87	84	87	82	90	86	85	89	82	86	82	75	85	87	76	73	87	91	83	
	MIN	56	50	64	65	65	64	60	50	52	53	57	63	67	64	57	65	69	64	62	60	67	67	64	55	52	61	63	58	61	67	57	
EWELL	MAX	77	81	88	91	91	83	78	85	89	89	91	90	83	82	85	85	89	89	87	82	83	85	85	86	83	84	84	84	89	92	86	
	MIN	62	52	62	67	74	65	62	55	57	57	63	70	67	67	63	71	69	69	68	68	69	72	61	54	54	65	62	63	66	71	64	
EWPORT	MAX	88	83	79	85	93	94	88	73	81	87	91	93	94	87	84	88	86	82	91	89	88	90	91	88	83	85	81	91	87	91	94	
	MIN	59	50	54	60	64	67	61	52	51	49	52	58	61	66	64	56	59	67	57	58	63	65	66	57	48	50	56	53	59	66	62	
LMERTON	MAX	81	79	77	88	91	86	73	84	83	84	88	90	81	83	83	81	69	89	85	85	88	83	80	79	81	83	86	85	88	91	86	
	MIN	58	52	61	59	60	67	57	50	53	55	60	64	70	67	61	57	64	68	60	62	66	67	67	61	53	57	71	67	60	61	72	
RK PLACE 1 NW WB AIRPORT	MAX	75	72	76	82	88	80	67	76	78	78	84	83	75	76	78	75	67	84	79	79	82	76	78	73	76	77	80	77	81	85	82	
	MIN	57	51	57	62	67	62	54	54	58	58	60	65	65	63	58	57	59	65	62	61	64	64	62	57	52	59	66	60	60	66	67	
HILA DREXEL INST OF TECH	MAX	86	83	84	91	93	91	70	84	87	84	87	91	89	82	80	83	74	86	86	87	91	83	83	82	85	86	85	87	90	91	83	
	MIN	70	64	70	71	72	74	61	60	65	66	68	70	73	72	70	65	66	71	72	72	72	73	69	69	64	65	73	74	73	74	73	
ILADELPHIA WB AIRPORT	MAX	86	81	85	91	93	90	72	83	86	85	89	91	90	81	82	84	74	88	86	86	92	83	86	82	85	88	88	89	90	92	84	
	MIN	69	61	65	65	71	67	61	58	59	64	67	69	72	70	64	59	65	71	70	68	70	70	68	67	61	63	72	74	71	70	72	
ILADELPHIA POINT BREEZE	MAX	87	82	86	92	92	91	76	86	85	83	87	90	89	80	80	84	73	88	88	87	91	85	86	81	83	88	86	88	90	90	86	
	MIN	69	64	67	71	71	66	61	59	63	73	67	68	71	71	68	63	66	72	73	71	70	72	67	67	65	67	73	74	74	73	72	
ILADELPHIA SHAWMONT	MAX	85	80	84	90	93	92	80	87	87	85	87	92	93	87	82	83	85	84	87	85	90	89	85	79	83	86	87	88	91	92	85	
	MIN	70	59	64	63	68	70	62	55	56	59	72	65	74	72	67	56	64	69	65	65	57	72	70	68	60	63	72	72	69	69	75	
ILADELPHIA WB CITY	MAX	86	81	82	90	91	88	75	83	84	83	86	88	87	82	80	83	74	85	84	86	90	82	84	82	82	84	85	87	89	90	83	
	MIN	69	64	69	69	72	66	62	61	67	66	68	70	72	72	69	66	65	72	73	73	72	71	68	70	66	66	73	74	75	73	72	
OENIXVILLE 1 E PUMP STA	MAX	87	81	86	94	95	92	87	85	88	86	84	95	91	88	86	85	82	91	90	90	93	85	88	84	84	87	90	89	90	93	84	
	MIN	68	54	63	62	64	71	62	54	54	56	61	63	71	70	65	54	64	71	61	63	65	71	70	67	55	60	71	72	64	65	73	
TTSBURGH 7 SE WB AIRPORT	MAX	74	77	85	91	88	82	75	78	84	88	88	89	85	81	83	82	88	87	86	83	81	84	84	75	81	81	85	85	88	89	83	
	MIN	59	55	63	67	70	64	61	54	60	62	67	67	68	67	62	67	70	69	67	69	69	70	65	58	56	61	61	61	64	68	68	
TTSBURGH WB CITY	MAX	74	76	89	93	91	84	77	81	83	87	89	87	85	82	83	82	90	89	88	84	83	87	85	76	83	83	88	85	88	91	85	
	MIN	60	56	67	69	70	68	64	58	61	62	67	71	72	69	64	69	72	70	68	71	73	73	68	62	59	65	65	65	64	69	70	
RT CLINTON	MAX	86	87	79	83	90	92	86	72	84	85	86	89	90	84	83	83	81	72	89	86	84	90	85	80	80	83	86	87	85	90	92	
	MIN	62	50	59	56	59	62	60	50	50	50	58	62	63	66	44	55	53	62	59	59	63	65	69	62	50	53	54	67	59	59	65	
TNEYVILLE 2 SE	MAX	80	75	72	85	90	88	83	73	77	85	86	85	86	85	80	81	81	83	86	79	89	87	86	83	76	80	80	83	82	86	88	
	MIN	48	44	58	59	59	61	54	44	46	50	52	56	61	56	51	58	57	64	53	56	58	59	62	52	45	49	62	54	47	55	58	
AKERTOWN	MAX	93	87	87	86	91	88	79	89	85	83	88	89	87	84	80	82	78	86	85	83	89	85	81	80	80	82	86	85	85	90	86	
	MIN	65	55	62	57	60	61	58	51	50	52	57	60	70	67	59	51	59	61	51	58	62	65	65	62	50	53	58	68	58	59	70	
ADING WB CITY	MAX	83	80	83	90	94	89	72	84	86	85	90	90	86	85	83	83	73	89	87	85	92	85	84	81	84	86	88	88	90	93	85	
	MIN	65	60	65	65	69	71	63	58	60	63	68	71	72	70	67	59	64	72	66	67	70	72	70	65	60	66	75	75	68	67	72	
TREAT FARMS	MAX	80	78	78	85	89	87	71	79	81	82	86	88	82	80	80	80	78	86	83	83	85	84	81	77	77	80	84	83	83	87	85	
	MIN	62	53	60	59	59	64	58	50	51	54	59	62	68	65	59	58	65	68	59	61	65	65	58	60	53	55	66	65	59	60	67	
OGWAY	MAX	83	73	71	85	92	90	83	74	82	85	89	91	90	85	83	85	83	90	89	87	87	85	86	81	76	82	75	86	82	87	90	
	MIN	52	48	51	59	60	63	57	44	46	45	53	55	60	59	64	53	64	60	54	55	59	63	65	53	44	52	59	58	54	53	57	
LINSGROVE AIRPORT	MAX	83	79	83	89	92	91	80	82	84	86	90	90	85	83	85	84	81	89	85	87	87	85	85	82	80	82	87	88	85	91	89	
	MIN	61	52	62	62	64	65	60	50	51	52	60	64	70	66	62	60	68	70	57	61	65	68	67	50	53	54	69	66	56	62	69	
PPENSBURG	MAX	82	81	87	93	92	87	80	86	86	89	93	92	90	84	84	85	90	91	86	83	90	92	88	84	85	89	90	88	92	93	91	
	MIN	62	52	61	65	68	69	62	52	52	52	61	65	70	68	67	61	68	65	61	65	65	72	68	61	53	56	68	67	62	65	73	
ERSET WATER WORKS	MAX	73	72	82	86	85	78	72	76	78	83	86	85	79	75	74	72	81	83	82	77	83	81	80	71	76	80	81	81	85	85	81	
	MIN	56	43	59	62	64	63	60	44	45	45	53	60	63	65	59	61	66	63	56	58	58	63	66	55	42	46	61	57	54	57	62	
INGS 1 SW	MAX	69	73	80	83	84	77	71	73	75	80	81	83	73	71	72	70	80	79	78	78	76	80	77	69	74	79	79	78	82	82	78	
	MIN	54	42	57	62	56	59	52	45	45	45	54	58	62	63	60	59	64	65	64	58	61	63	63	49	45	47	59	53	54	55	63	
TE COLLEGE	MAX	75	74	82	90	90	80	68	80	81	86	89	87	79	81	83	82	85	85	84	83	84	88	82	75	80	83	86	83	87	90	84	
	MIN	60	51	59	65	70	67	56	50	53	54	64	64	70	65	59	66	67	66	61	62	62	67	67	58	52	57	69	65	58	62	69	
OUDSBURG SUBSTATION	MAX	90	86	85	83	93	93	87	80	81	88	88	90	92	87	87	90	87	76	92	87	88	91	87	82	83	82	86	90	87	91	94	
	MIN	71	51	63	64	65	67	61	54	50	62	63	65	70	70	62	53	63	62	65	61	62	68	70	67	60	60	62	72	61	58	74	
BURY 2 N AIRPORT	MAX	81	78	84	89	92	84	75	84	83	85	89	90	84	85	83	83	77	89	84	85	87	85	84	79	80	82	87	85	87	89	88	
	MIN	58	55	63	64	66	67	58	54	55	56	63	65	71	66	63	61	69	64	60	63	67	69	68	59	55	58	69	66	61	63	66	
ARACK 2 S FIRE TOWER	MAX	79	72	68	79	86	87	78	68	75	78	81	85	81	79	77	79	76	81	83	82	80	83	78	77	72	77	70	80	78	81	84	
	MIN	55	49	49	56	62	65	53	51	55	57	57	62	64	60	52	54	59	63	59	60	61	63	63	53	51	52	57	58	56	58	60	
NESTA 2 SE DAM	MAX		73	70	83	88	86	68	76	84	82	87	87	84	81	82	81	86	83	86	82	83	84	82	71	79	74	83	79	85	86	81	
	MIN	54	50	65	60	62	60	62	51	62	61	62	62	63	61	53	58	62	58	58	62	64	61	64	56	50	55	61	59	52	53	62	
USVILLE 2 S	MAX	72	71	81	86	86	77	73	77	77	81	85	82	80	79	79	78	84	80	81	86	82	77	77	69	77	77	81	77	82	85	82	
	MIN	51	43	60	56	60	66	56	43	46	50	54	53	66	61	50	61	67	63	57	55	64	61	64	54	50	60	66	59	47	59	58	
ANDA	MAX	80	79	79	87	92	83	75	83	86	88	90	92	83	81	85	86	87	89	84	85	89	87	83	79	81	78	89	83	86	90	85	
	MIN	60	52	60	59	57	64	57	49	48	54	54	60	67	65	54	54	64	62	55	57	59	67	64	57	49	53	67	62	54	57	62	
KHANNOCK 1 S	MAX	87	80	79	80	88	93	84	74	83	84	86	91	90	80	82	83	82	81	88	83	86	89	86	80	79	81	83	86	85			
	MIN	57	52	55	57	56	66	55	48	49	56	55	59	66	65	54	56	65	63	55	58	61	65	69	60	49	53	66	63	55	55		

See reference notes following Station Index

TABLE 5 — Continued

PENNSYLVANIA

JULY 1948

DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
UNIONTOWN	MAX	76	76	85	90	91	83	75	82	87	89	88	90	80	79	82	83	86	87	84	79	82	80	84	77	81	84	85	85	89	90	88	83.8
	MIN	61	51	62	66	65	67	62	56	56	57	62	67	69	67	66	69	71	69	68	68	70	71	70	60	53	56	65	62	61	65	72	64.0
WARREN	MAX	75	69	84	90	90	81	77	83	90	90	91	91	85	83	86	82	90	88	87	90	88	85	84	84	85	73	88	85	88	91	84	85.1
	MIN	55	48	58	59	62	63	56	47	50	53	57	58	66	59	48	58	67	62	58	55	62	64	65	65	50	59	63	59	52	58	53	57.7
WAYNESBURG 1 E	MAX	75	79	88	92	89	83	77	82	85	87	87	89	84	84	82	84	88	87	85	84	95	92	86	78	82	83	89	85	89	89	81	85.2
	MIN	66	47	55	63	58	64	57	48	50	51	56	61	65	66	68	60	65	66	63	63	63	68	71	54	48	51	60	58	57	60	67	59.6
WELLSBORO	MAX	85	77	81	80	88	91	81	72	83	83	89	89	91	78	80	87	81	88	86	85	88	89	87	83	77	80	74	86	82	87	91	81.3
	MIN	53	44	48	58	58	60	54	44	44	47	52	55	57	62	48	48	54	62	53	55	56	59	65	51	45	51	54	59	50	53	56	53.4
WELLSVILLE	MAX	80	79	82	88	92	88	79	80	82	83	88	88	86	82	81	80	82	85	85	82	88	86	84	82	81	85	85	87	86	90	86	84.3
	MIN	66	55	60	64	65	69	63	50	50	50	59	62	68	62	62	58	67	67	60	62	63	70	70	61	50	59	70	65	62	65	72	62.1
WEST CHESTER	MAX	84	80	84	89	93	90	76	84	86	85	88	91	89	83	82	84	73	87	87	85	90	86	85	81	83	88	90	88	89	91	82	85.6
	MIN	67	57	61	65	67	70	60	55	57	57	61	64	71	68	65	56	61	59	60	65	65	71	68	65	57	57	68	69	69	70	73	63.8
WILLIAMSPORT 4 E WB AP	MAX	80	78	83	90	93	84	75	83	85	86	91	91	79	84	85	83	79	90	85	86	88	86	80	78	82	80	89	83	86	89	84	84.4
	MIN	57	54	58	61	63	65	54	51	51	52	58	60	70	65	58	58	68	63	58	61	64	67	65	58	51	56	66	63	57	59	62	59.8
WILLIAMSTOWN	MAX	85	78	82	90	91	85	80	83	84	85	90	89	88	83	82	82	81	87	85	85	87	87	85	83	80	84	86	85	86	90	87	85.0
	MIN	60	50	59	60	62	65	60	49	49	49	57	61	72	69	62	56	65	69	55	57	62	70	70	60	50	54	66	65	56	60	73	60.4
YORK 3 SW PUMPING STATION	MAX	84	81	85	93	95	93	79	84	86	86	91	91	92	85	85	85	86	89	89	86	89	92	91	89	85	89	89	90	90	92	93	88.2
	MIN	64	53	61	64	67	68	64	53	54	53	61	66	73	68	68	58	68	68	68	64	63	71	69	64	52	57	69	69	64	68	73	63.9

See reference notes following Station Index

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

PENNSYLVANIA

JULY 1948

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	CHECK NUMBER
ONFLUENCE 1 SW	EVAP.	.130	.306	.034	.340	.145	.221	.118	.164	.234	.279	.223	.244	.219	.029	.042	.104	.076	.188	.160	.136	.058	.116	.146	.172	.160	.158	.140	.190	.141	.188	.105	4.936	
	WIND	27	40	22	35	34	25	74	38	42	40	25	24	25	30	12	[illegible]	[illegible]	22	40	21	[illegible]	42	40	47	60	28	52	51	21	15	48	1063	
ORD CITY 4 S	EVAP.	.173	.188	.108	.188	.188	.212	.245	.208	.258	.232	.180	.144	.156	.060	.202	.212	.130	.124	.248	.204	.168	.188	.164	.200	.210	.162	.078	.202	.177	.205	.240	5.654	
	WIND	32	42	11	21	9	25	56	40	15	17	14	8	25	17	24	16	30	30	22	16	31	22	22	38	39	25	30	13	37	7	32	764	
AWLEY 1 S WALLEN DAM	EVAP.	.260	.174	.224	.169	.229	.209	.213	.111	.199	.226	.176	.101	.292	.063	.185	.244	.263	.070	.132	.261	.198	.154	.199	.038	.195	.199	.151	.219	.313	.126	.214	5.807	
	WIND	[illegible]	40	56	13	20	110	91	27	23	55	61	[illegible]	72	13	25	25	51	42	46	32	46	78	19	57	56	47	135	74	[illegible]	22	102	1647	
AMESTOWN 2 NW	EVAP.	.200	.089	.147	.166	.216	.166	.222	.227	.267	.196	.230	.205	.101	.201	.207	.204	.121	.208	.273	.207	.213	.042	.095	.236	.274	.213	.024	.238	.237	.200	.190	5.815	
	WIND	31	18	[illegible]	19	14	15	61	45	31	36	21	14	19	30	[illegible]	27	40	20	11	19	23	18	22	25	33	15	28	40	19	31	42	844	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	HIGHEST (OR CREST)	DATE	LOWEST	DATE
EHIGH																																				
LEHIGHTON	9	3.8	3.6	3.4	3.3	3.2	3.4	3.8	3.4	3.3	3.2	3.1	2.9	3.0	4.6	4.2	4.0	3.4	3.3	3.2	3.2	3.0	4.2	3.9	3.8	3.7	3.4	3.2	3.1	3.2	3.1	3.0	4.614		2.912	
CHUYLKILL																																				
READING	13	4.4	4.4	4.1	4.2	4.2	4.1	4.2	4.1	4.0	3.9	3.8	3.8	3.8	4.5	4.2	3.9	3.8	3.8	3.8	3.7	3.7	3.8	4.6	4.7	4.2	3.9	3.8	3.7	3.7	3.6	3.6	4.724		3.612+	
PHILADELPHIA		6.3	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	6.7	6.9	6.2	6.1	6.0	6.0	6.0	6.0	6.0	6.1	6.5	6.3	6.1	6.3	6.1	6.0	6.0	6.0	6.915		6.010+	
LAWARE																																				
EASTON	22	4.0	3.8		2.8	2.6	2.5	2.4	2.5	2.8	2.4	2.1	1.8	1.7	3.2	3.2	2.8	2.3	2.1	1.7	1.7	2.0	2.3	2.5	2.3	2.2	2.1	1.8	2.0	1.8	1.7	1.6	4.0	1	1.631	
ST BRANCH																																				
RENOVO	16	2.0	2.1	1.7	1.5	1.4	1.2	1.3	1.2	1.1	1.0	.8	.7	.8	1.2	2.1	1.7	1.3	1.1	1.0	1.3	1.1	1.7	2.0	4.0	3.8	2.9	2.3	1.9	1.7	1.4	1.2	4.024		.712	
WILLIAMSPORT	20	2.0	2.9	2.0	1.6	1.5	1.4	1.3	1.3	1.2	1.0	1.0	1.0	1.0	1.8	1.8	2.2	1.7	1.4	1.2	1.0	1.3	1.7	2.4	4.4	5.2	4.2	3.2	2.6	2.2	1.9	1.5	5.225		1.010+	
NE CREEK																																				
CEDAR RUN	12	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9	1.9	1.9	2.0	2.3	2.1	2.9	1.9	1.9	1.9	1.9	1.9	2.1	2.1	2.5	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.524		1.910+	
NIATA																																				
NEWPORT	22	5.0	4.9	4.9	4.6	4.2	4.2	4.0	4.1	4.2	3.9	3.8	3.6	3.6	3.6	3.7	3.8	3.6	3.7	3.7	3.7	3.6	3.6	3.6	4.1	4.2	3.8	3.6	3.7	3.5	3.5	3.4	5.0	1	3.481	
SQUEHANNA																																				
TOWANDA	16	3.0	2.7	2.3	2.0	1.8	1.6	1.6	2.2	2.1	2.1	1.8	1.5	1.4	1.4	1.6	1.7	1.5	1.5	1.3	1.4	1.2	1.2	1.6	1.8	2.4	2.4	1.9	1.9	1.5	1.4	1.3	3.0	1	1.221+	
SUNBURY	16	2.6	2.4	2.2	2.5	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.5	2.4	2.2	1.9	1.8	1.7	1.6	1.5	1.5	1.9	1.9	2.9	3.2	2.9	2.6	2.3	2.0	1.8	1.7	3.225		1.513+	
WILKES-BARRE	22	5.1	4.8	4.3	3.8	3.5	3.2	3.4	3.2	3.4	3.4	3.3	3.0	3.2	3.9	3.2	3.0	3.0	2.8	2.8	2.7	2.7	2.8	3.4	4.1	4.3	4.2	4.0	3.4	3.1	2.8	2.6	5.1	1	2.681	
HARRISBURG	17	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.6	4.0	3.9	3.7	3.7	3.6	3.8	3.5	3.5	3.8	3.9	4.3	4.5	4.2	4.0	3.9	3.7	3.5	4.526		3.513+	
NEMAUGH																																				
SEWARD	18	4.2	3.9	3.9	3.8	4.0	3.9	4.0	3.9	3.9	3.6	3.5	3.2	3.2	3.4	3.4	3.2	3.2	3.3	3.3	3.3	3.0	3.0	3.3	3.2	3.1	3.1	3.0	3.0	3.0	3.0	2.9	4.2	1	2.981	
LEGHENY																																				
WARREN	14	3.8	3.6	3.4	3.1	2.9	2.7	2.7	2.6	2.6	2.5	2.4	2.3	2.6	2.7	2.7	2.5	2.4	2.4	2.4	2.2	2.1	2.1	3.6	3.9	3.7	3.1	2.8	3.1	3.8	3.3	2.0	3.924		2.981	
FRANKLIN	17	4.3	4.3	4.0	3.8	3.5	3.4	3.6	3.8	3.5	3.3	3.0	2.9	2.9	3.7	3.9	3.4	3.3	3.1	2.9	2.8	2.7	3.0	3.7	4.8	4.6	4.1	3.8	3.4	3.7	4.1	3.7	4.824		2.721	
PARKERS LANDING	20	3.4	3.3	3.2	3.2	2.6	2.4	2.4	2.6	2.6	2.3	2.2	2.1	2.9	2.4	2.8	2.8	2.4	2.2	1.9	1.9	1.8	1.8	2.3	4.1	4.1	3.8	3.0	2.9	2.4	3.0	2.8	4.124+		1.821+	
LOCK NO 5 SCHENLEY L	24	13.8	13.4	13.3	13.0	13.0	12.8	12.8	12.8	12.8	12.6	12.5	12.3	12.2	13.2	13.2	13.1	12.9	12.7	12.6	12.3	12.2	12.1	12.5	14.3	14.3	13.6	13.4	13.0	12.7	12.5	12.7	14.325		12.122	
LOCK NO 5 SCHENLEY U	24	12.8	12.6	12.6	12.4	12.2	11.9	11.8	11.8	12.0	11.8	11.6	11.7	11.5	12.0	12.0	12.3	12.1	12.0	11.8	11.7	11.6	11.9	13.5	13.6	13.0	12.9	12.5	12.2	12.0	12.2	13.625		11.513	
LOCK NO 8 MOSGROVE L	24	12.9	12.6	12.7	12.5	12.1	11.9	11.9	12.0	12.1	11.8	11.8	11.5	11.5	12.0	12.1	12.4	11.9	11.7	11.6	11.7	11.7	11.8	12.1	13.8	13.6	12.9	12.8	12.5	12.1	12.2	12.3	13.824		11.512+	
LOCK NO 8 MOSGROVE U	24	15.8	15.7	15.7	15.5	15.3	15.1	15.1	15.2	15.3	15.1	15.0	14.8	14.9	15.2	15.3	15.4	15.1	15.0	14.9	15.0	15.0	14.9	15.3	16.3	16.3	15.8	15.7	15.5	15.3	15.4	15.5	16.324+		14.812	
LOCK NO 4 NATRONA L	24	12.6	12.2	12.1	11.8	11.7	11.7	11.5	11.6	11.6	11.4	11.2	11.1	11.0	11.9	12.0	12.0	11.6	11.5	11.6	11.2	11.0	10.9	11.3	13.1	13.3	12.5	12.3	11.8	11.5	11.3	11.6	13.325		10.922	
LOCK NO 4 NATRONA U	24	11.2	10.9	10.8	10.6	10.5	10.5	10.3	10.4	10.4	10.3	10.1	10.0	9.8	10.7	10.7	10.7	10.4	10.3	10.3	10.0	9.9	9.8	10.1	11.7	11.7	11.1	11.0	10.6	10.3	10.1	10.4	11.724+		9.813+	
LOCK NO 3 ACMETONIA U	25	13.9	13.9	13.7	13.5	13.4	13.4	12.5	12.5	12.5	12.4	12.2	12.1	12.6	13.4	13.5	13.5	13.3	13.2	13.2	12.8	12.7	12.6	13.7	15.0	15.2	14.7	14.5	14.0	12.7	13.8	13.8	15.225		12.112	
SKIMINETAS																																				
SALTSBURG	16	3.2	2.7	2.2	2.2	2.9	2.7	2.9	2.9	2.4	2.2	1.8	1.8	2.0	3.7	3.2	2.6	2.2	2.6	2.3	1.9	1.8	1.6	2.7	3.2	2.6	2.1	2.0	1.9	1.8	1.7	1.5	3.714		1.581	
VANDERGRIFT		7.4	6.2	5.5	5.3	5.6	6.3	6.3	6.5	5.8	5.4	4.9	4.7	5.3	7.8	7.2	6.1	5.4	5.4	5.7	5.0	4.8	4.6	4.9	5.4	6.0	5.4	5.1	4.9	4.6	4.1	4.4	7.814		4.130	
GHIOGHENY																																				
CONFLUENCE	12	2.5	2.5	2.4	7.7	5.4	4.3	5.6	4.3	3.9	3.6	3.5	3.1	3.0	3.1	3.3	3.1	3.0	3.4	3.6	3.6	3.6	3.7	3.7	3.6	3.5	3.5	3.4	3.4	2.8	2.8	2.7	7.7	4	2.4	3
SUTERSVILLE	20	4.4	4.1	3.9	4.0	4.1	6.0	6.7	6.2	5.4	5.0	4.7	4.5	4.6	6.7	5.2	4.6	2.0	4.8	5.0	5.0	4.9	5.0	5.0	4.9	4.8	4.6	4.6	4.5	4.5	4.0	4.0	6.714		2.617	
CONNELLSVILLE	16	2.8	2.6	2.4	5.2	6.1	4.5	5.8	4.6	3.9	3.6	3.4	3.1	3.2	3.5	3.5	3.2	3.1	3.4	4.0	3.6	3.5	3.5	3.7	3.5	3.4	3.3	3.3	3.2	2.7	2.7	2.6	6.114	5	2.4	3
ONONGAHELA																																				
LOCK NO 4 CHARLEROI L	30	12.2	12.5	12.1	11.7	13.8	12.2	12.4	13.3	13.2	12.6	12.0	11.4	11.3	12.1	12.9	13.2	14.2	15.1	13.4	13.6	15.6	15.7	18.1	17.7	17.0	14.8	14.7	14.3	14.0	13.9	13.1	18.123		11.313	
LOCK NO 4 CHARLEROI U	30	15.8	15.9	15.5	15.3	16.9	15.9	16.1	16.5	16.3	15.9	15.5	15.0	14.9	15.6	16.4	16.4	16.9	17.6	16.7	16.6	18.2	18.0	19.4	19.1	18.6	17.3	17.3	17.1	16.9	16.8	16.2	19.423		14.913	
LOCK NO 7 GREENSBORO L	30	11.5	11.5	11.2	12.1	12.9	11.0	12.3	12.4	11.9	11.6	11.1	10.8	10.7	11.2	12.1	12.1	12.9	13.4	12.8	12.3	16.8	15.7	18.5	17.9	16.3	14.2	14.0	13.7	13.5	13.0	11.9	18.523		10.713	
LOCK NO 7 GREENSBORO U	30	11.8	11.4	11.4	13.1	12.7	11.4	12.0	12.4	12.0	11.7	11.6	11.3	11.3	11.5	12.1	12.1	12.8	13.0	12.7	12.5	15.1	14.4	16.8	16.6	15.4	14.1	13.9	13.7	13.5	12.9	12.1	16.823		11.213	
MC KEESPORT	20	2.6	2.6	2.0	2.6	2.6	3.0	3.0	3.0	3.0	3.0	2.0	2.5	2.0	3.0	3.0	3.0	3.6	3.6	3.6	3.3	4.3	4.6	5.6	5.6	5.5	4.0	3.6	3.6	3.6	3.3	2.9	5.623+		2.0	3+
VER																																				
BEAVER FALLS	15	4.3	4.3	4.2	4.2	4.2	4.0	4.1	4.0	3.9	3.8	3.9	3.8	4.0	4.4	4.2	4.0	4.0	3.9	3.9	3.9	3.9	4.0	4.0	5.4	5.8	4.3	4.1	4.1	4.2	4.1	4.0	5.825		3.810+	
O																																				
CORAOPOLIS	26	11.2	11.1	11.8	11.8	12.0	11.2	11.0	11.4	11.2	10.9	10.6	10.4	10.2	11.0	11.2	11.2	11.4	11.6	11.1	11.1	11.2	11.6	12.3	13.1	12.7	11.9	11.7	11.4	11.2	11.1	10.9	13.124		10.213	
PITTSBURGH	25	h16.7	h16.6	h16.6	h16.5	h16.7	h16.5	h16.8	h16.6	h16.5	h16.6	h16.6	h16.5	h16.6	h16.7	h16.7	h16.7	h16.7	h16.7	h16.5	h16.6	h16.8	h16.6	h16.8	h16.6	h16.6	h16.5	h16.6	h16.5	h16.6	h16.6	h16.7	16.8	7	16.5	4+
DAM NO 7 MIDLAND L	30	10.6	10.5	10.6	10.2	12.1	10.7	10.1	10.8	10.7	10.4	10.3	9.7	9.7	10.2	10.6	10.8	11.3	11.0	10.7	10.9	10.9	11.5	12.5			11.4	11.7	11.3	10.9	10.9	10.6	12.523		9.712+	
DAM NO 7 MIDLAND U	30	15.3	15.0	15.5	15.0	15.4	15.3	15.4	14.8	15.6	15.4	15.5	15.5	15.6	15.1	15.0	15.4	15.4	14.9	15.3	15.6	15.5	15.1	15.3	14.0	13.4	14.4	15.4	15.3	15.4	15.7	15.4	15.730		13.425	

following reference notes apply only to Table 7 - Daily River Stages:

dings are made at approximately 7 A.M. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - ncipal Rivers of the United States".

a Obstructed by rough ice.
b Frozen but open at gage.
c Upper surface of smooth ice.
d Ice gorge above gage.
e Ice gorge below gage.
f Shore ice.
g Floating ice.
h Pool stage.
i Dry at gage.
j Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
ACMETONIA LOCK 3 LOWER	0022	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST		7A		44		U S E P B G	2 3 7
ALBION	0062	ERIE	LAKE ERIE	41 53	80 22	900	EST	7A	7A	4	4		ALBION HIGH SCHOOL	2 3 4 5
ALLENS MILLS	0099	JEFFERSON	ALLEGHENY	41 12	78 54	1590	EST		MID		10		CHARLES H ALLEN	2 3 4
ALLENTOWN WB AIRPORT	0106	LEHIGH	LEHIGH	40 39	75 26	381	EST	MID	MID	10	8		U S WEATHER BUREAU	2 3 4 5
ALLENTOWN GAS CO	0111	LEHIGH	LEHIGH	40 36	75 28	254	EST	7A	7A	27	37		ALLENTOWN-BETH GAS CO	2 3 5
ALTOONA HORSESHOE CURVE	0134	BLAIR	JUNIATA	40 30	78 29	1500	EST	6P	6P	53	64		ALTOONA WATER BUREAU	2 3 5
ARENDTSVILLE	0229	ADAMS	SUSQUEHANNA	39 55	77 18	710	EST	8A	8A	26	26		PA STATE COL EXP STA	2 3 5
AUSTINBURG 2 MI W	0313	TIOGA	CHEMUNG	42 00	77 32	1590	EST		MID		12		U S E BALTO MD	2 3 4
AVOCA WILKES-BARRE SCRANTON AP	0319	LUZERNE	SUSQUEHANNA	41 21	75 43	950	EST	MID	MID	1	1		CIVIL AERO ADM	2 3 5
BAKERSTOWN 4 MI WNW	0355	ALLEGHENY	ALLEGHENY	40 40	80 00	1200	EST	7A	7A	1	1		A H BURKE	2 3
BARNES	0409	WARREN	ALLEGHENY	41 40	79 01	1310	EST		7A		8		U S E P B G	2 3
BEAR GAP	0457	NORTHUMBERLAND	SUSQUEHANNA	40 50	76 30	843	EST		MID		3		ROARING CREEK WTR CO	2 3
BEAVER FALLS	0475	BEAVER	BEAVER	40 46	80 19	760	EST		7A		40		HOWARD J KEMP	2 3 7
BELLEFONTE ROCKVIEW FARM	0530	CENTER	WEST BRANCH	40 52	77 47	1060	EST	8A	8A	20	32		WESTERN STATE PEN'TRY	2 3 5
BERWICK	0611	COLUMBIA	SUSQUEHANNA	41 03	76 14	570	EST	6P	6P	3	3		AMER CAR & FOUNDRY CO	2 3 5
BETHLEHEM RIVER STATION	0629	NORTHAMPTON	LEHIGH	40 37	75 22	390	EST		7A	8	8		BETHLEHEM STEEL CORP	2 3
BETHLEHEM LEHIGH UNIV	0634	NORTHAMPTON	LEHIGH	40 36	75 23	450	EST	MID	MID	47	64		LEHIGH UNIVERSITY	2 3 4 5
BLAIN	0725	PERRY	SUSQUEHANNA	40 20	77 31	720	EST		MID		11		PENNA DEPT F & W	2 3 4
BLAIRSVILLE 6 MI ENE	0736	INDIANA	ALLEGHENY	40 27	79 09	2048	EST	MID	MID	3	12		U S WEATHER BUREAU	2 3 4 5
BLAKESLEE CORNERS	0743	MONROE	LEHIGH	41 06	75 36	1670	EST		MID		11		HAROLD WILDRICK	2 3 4
BLOSERVILLE 1 MI N	0763	CUMBERLAND	SUSQUEHANNA	40 16	77 22	650	EST		5P		36		MRS B M WILLDERS	2 3
BOSWELL	0820	SOMERSET	ALLEGHENY	40 11	79 08	2684	EST		MID		11		FRANK J HOUPT	2 3 4
BRADDOCK LOCK 2	0861	ALLEGHENY	MONONGAHELA	40 24	79 52	725	EST		7A		14		U S E P B G	2 3
BRADFORD CITY HALL	0867	MC KEAN	ALLEGHENY	41 58	78 39	1500	EST		8A	22	1		BRADFORD DIS FLD COM	2 3
BRADFORD 4 MI W RESERVOIR 1	0868	MC KEAN	ALLEGHENY	41 57	78 44	1680	EST	4P	4P		31		BRADFORD WATER DEPT	2 3 5
BREEZEWOOD	0905	BEDFORD	JUNIATA	40 00	78 14	1352	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3
BROOKVILLE AIRPORT	1002	JEFFERSON	ALLEGHENY	41 09	79 06	1407	EST	MID	MID	36	57		CIVIL AERO ADM	2 3 4 5
BRUCETON	1033	ALLEGHENY	OHIO	40 19	79 59	1000	EST		7A		13		RAY WILSON	2 3
BUCKSTOWN	1073	SOMERSET	CONEMAUGH	40 04	78 51	2480	EST		MID		11		RUSSELL L LAMBERT	2 3 4
BUFFALO MILLS	1087	BEDFORD	JUNIATA	39 58	78 39	1318	EST		7A		24		NELLIE R BROWN	2 3
BURGETTSTOWN 3 MI W	1105	WASHINGTON	OHIO	40 23	80 26	980	EST	7A	7A	1	1		LANGLOTH WATER CO	2 3
BURNT CABINS 2 MI NE	1115	HUNTINGDON	JUNIATA	40 05	77 52	990	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3 5
BUTLER	1130	BUTLER	BEAVER	40 52	79 54	1100	EST	4P	4P	25	35		BUTLER EAGLE	2 3 5
BUTLER SUBSTATION	1135	BUTLER	BEAVER	40 51	79 53	1140	EST		MID		11		WEST PENN POWER CO	2 3 4
CAMP HILL	1198	CUMBERLAND	SUSQUEHANNA	40 15	76 56	461	EST		8A		3		JOSEPH N HOBART	2 3
CANTON 1 MI NW	1215	BRADFORD	SUSQUEHANNA	41 40	76 52	1450	EST	8A	8A	5	9		MILDRED L SPENCER	2 3 4 5
CARLISLE	1234	CARLISLE	SUSQUEHANNA	40 12	77 11	473	EST	6P	6P	80	60		PROF CHAS E MILLER	2 3 5
CARROLLTOWN	1255	CAMBRIA	WEST BRANCH	40 36	78 42	2165	EST		7A		5		NED R WESTRICK	2 3
CARTER CAMP	1262	POTTER	WEST BRANCH	41 38	77 45		EST		MID		10		IRVING E GRESSEL	2 3 4
CEDAR RUN	1301	LYCOMING	WEST BRANCH	41 31	77 28	800	EST		7A		30		CHARLES R NIVISON	2 3 7
CHADDS FORD	1342	DELAWARE	DELAWARE	39 52	75 35	180	EST		8A		3		HERBERT W GUEST	2 3
CHAMBERSBURG	1354	FRANKLIN	POTOMAC	39 56	77 39	640	EST	8P	10P	48	53		CHARLES A BENDER	2 3 4 5
CHARLEROI	1372	WASHINGTON	MONONGAHELA	40 08	79 55	1040	EST		MID		11		WEST PENN POWER CO	2 3 4
CHARLEROI LOCK 4	1377	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST		7A		63		U S E P B G	2 3 7
CLARION 3 MI SW	1485	CLARION	ALLEGHENY	41 12	79 26	1114	EST	8P	7A	6	41		PA ELECTRIC CO	2 3 4 5
CLAUSSVILLE	1505	LEHIGH	LEHIGH	40 37	75 39	670	EST		9A		3		VERNA A DOTTERER	2 3
CLAYSVILLE	1512	WASHINGTON	OHIO	40 07	80 25	1170	EST	7P	7P	45	45		WALTER B PAGET	2 3 5
CLEARFIELD	1519	CLEARFIELD	WEST BRANCH	41 01	78 27	1140	EST		7A	32	40		WILLIAM H WITHEROW	2 3
COALDALE GREENWOOD RESERVOIR	1572	SCHUYLKILL	SCHUYLKILL	40 50	75 56	1026	EST		7A		26		PANTHER VALLEY WTR CO	2 3
COALPORT	1581	CLEARFIELD	WEST BRANCH	40 45	78 32	1480	EST		7A		4		ADAM I NEFF	2 3 4 5
COATESVILLE 1 MI SW	1589	CHESTER	DELAWARE	39 58	75 50	342	EST	8A	8A	61	61		PHILA ELECTRIC CO	2 3 4 5
COATESVILLE	1594	CHESTER	DELAWARE	39 59	75 48	431	EST		7A		2		EDWARD O BEIDEMAN	2 3
COLUMBIA	1675	LANCASTER	SUSQUEHANNA	40 02	76 30	300	EST	ss	ss	6	6		JAMES H RUST	2 3 5
CONFLUENCE 1 MI SW	1705	SOMERSET	YOUGHIOGHENY	39 48	79 22	1490	EST	8A	8A	3	3	3	U S E P B G	2 3 4 6
CONFLUENCE 1 MI NW	1710	SOMERSET	YOUGHIOGHENY	39 50	79 22	1331	EST		7A		74		JOHN L REID	2 3 7
CONNELLSVILLE	1723	FAYETTE	MONONGAHELA	40 01	79 36	990	EST		7A		10		EMERY C STEWART	2 3 7
CONNELLSVILLE 4 MI N	1728	FAYETTE	MONONGAHELA	40 04	79 34	1145	EST		MID		11		GEORGE BAER	2 3 4
CONSHOHOCKEN	1737	MONTGOMERY	DELAWARE	40 04	75 19	70	EST		8A		25		PHILA ELECTRIC CO	2 3
CORAOPOLIS DAM 2	1773	ALLEGHENY	OHIO	40 31	80 10	720	EST		7A		40		U S E P B G	2 3 7
CORRY	1790	ERIE	ALLEGHENY	41 55	79 38	1427	EST	6P	6P	33	33		GEORGE P MULDERICK	2 3 5
COUDERSPORT	1804	POTTER	ALLEGHENY	41 46	78 01	1653	EST	5P	5P	18	23		POTTER ENTERPRISE	2 3 5
COUDERSPORT 8 MI E	1809	POTTER	ALLEGHENY	41 46	77 53	2425	EST		8A		2		ROBERT B KEITH	2 3
COVINGTON	1832	TIOGA	SUSQUEHANNA	41 45	77 05	1193	EST		7A		10		GROVER D CLEVELAND	2 3
CREEKSIDE	1881	INDIANA	ALLEGHENY	40 41	79 12	1035	EST		7A		8		U S E P B G	2 3
CRESSON 1 MI E SUMMIT	1894	CAMBRIA	WEST BRANCH	40 28	78 34	2300	EST		MID		11		PENNA EDISON CO	2 3
CURWENSVILLE 6 MI NW AIRPORT	1966	CLEARFIELD	WEST BRANCH	41 03	78 35	2215	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4 5
CUSTER CITY 2 MI W SONGBIRD	1978	MC KEAN	ALLEGHENY	41 55	78 41	2120	EST		8A		1		BRADFORD DIS FLD COM	2 3
DANVILLE	2013	MONTOUR	SUSQUEHANNA	40 58	76 37	460	EST		7A		8		JAMES A BRYAN	2 3
DAUPHIN 3 MI N	2029	DAUPHIN	SUSQUEHANNA	40 25	76 56	1300	EST		7A		8		JOHN HEPFORD	2 3
DERRY	2108	WESTMORELAND	CONEMAUGH	40 20	79 18	1150	EST	6P	6P	51	51		MRS N D WINEMAN	2 3 5
DINGMANS FERRY	2160	PIKE	DELAWARE	41 13	74 52	360	EST		7A		11		A JORGENSON	2 3 4
DONEGAL	2183	WESTMORELAND	CONEMAUGH	40 06	79 23	1746	EST	MID	MID	5	5		PENNA TURNPIKE COMM	2 3 5
DONORA	2190	WASHINGTON	MONONGAHELA	40 11	79 51	761	EST	MID	MID	22	22		DONORA ZINC WORKS	2 3 5
DOYLSTOWN	2221	BUCKS	DELAWARE	40 18	75 08	370	EST		5P		58		GEORGE HART	2 3
DRIFTWOOD	2245	CAMERON	WEST BRANCH	41 20	78 08	820	EST		MID		11		SIDNEY KENNEDY	2 3 4
DU BOIS 7 MI E	2265	CLEARFIELD	WEST BRANCH	41 06	78 38	1670	EST		7A		11		CITY OF DU BOIS	2 3 4
DUNLO	2298	CAMBRIA	CONEMAUGH	40 17	78 44	2440	EST		MID		11		MRS D L WHITE	2 3 4
DUSHORE	2323	SULLIVAN	WEST BRANCH	41 32	76 24		EST		MID		11		KENNETH MOSIER	2 3 4
EAGLES MERE	2343	SULLIVAN	SUSQUEHANNA	41 24	76 35	2020	EST	7A	7A	6	12		CARL E BIGGER	2 3 4 5 7
EASTON	2423	NORTHAMPTON	DELAWARE	40 42	75 12									
EAST WATERFORD 3 MI E	2459	PERRY	JUNIATA	40 21	77 33	2125	EST	8P	7A	5	12		U S WEATHER BUREAU	2 3 5
EBENSBURG	2466	CAMBRIA	CONEMAUGH	40 29	78 44	2170	EST	8A	8A	31	31		JOHN L MC GOUGH	2 3 5
ELIZABETHTOWN	2560	LANCASTER	SUSQUEHANNA	40 08	76 37	460	EST		8A		3		MASONIC HOME	2 3
EMPORIUM	2633	CAMERON	WEST BRANCH	41 30	78 13	1100	EST	8A	8A	60	60		RUSSEL E PALMETEER	2 3 4 5
ENGLISH CENTER	2644	LYCOMING	WEST BRANCH	41 26	77 17	881	EST		MID		9		WILLIAM SUDERS	2 3 4

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TEMP.	PRECIP.	YEARS OF RECORD: TEMP	PRECIP.	EVAP.	OBSERVER	REFER TO TABLES
PHRATA	2662	LANCASTER	SUSQUEHANNA	40 10	76 10	470	EST	8A	6P	46	55		WM W HALLIGAN	2 3 5
QUINUNK	2669	WAYNE	DELAWARE	41 51	75 13	920	EST		7A		3		ROSE H NEILSON	2 3
RIE WB CITY	2677	ERIE	LAKE ERIE	42 07	80 05	655	EST	MID	MID	74	74		U S WEATHER BUREAU	2 3 4 5
RIE AIRPORT	2682	ERIE	LAKE ERIE	42 05	80 12	732	EST	MID	MID	4	4		C A A	2 3 4
VERETT	2721	BEDFORD	JUNIATA	40 00	78 23	1020	EST	MID	7A	28	28		PENNA TURNPIKE COMM	2 3 4 5
ARRELL SHARON	2814	MERCER	BEAVER	41 14	80 30	855	EST	5P	8A	36	37		CARNEGIE ILL STL CORP	2 3 5
ORD CITY 4 MI S	2942	ARMSTRONG	ALLEGHENY	40 43	79 30	950	EST	8A	8A	5	5	3	U S E P B G	2 3 4 5 6
ANKLIN	3028	VENANGO	ALLEGHENY	41 23	79 49	987	EST	7A	7A	54	75		WM K FULLER	2 3 4 5 7
REDERICKSVILLE 1 MI SE	3047	BERKS	SCHUYLKILL	40 27	75 41	800	EST	SS	8A	6	11		HENRY H ROHRBACK	2 3 5
REELAND	3056	LUZERNE	SUSQUEHANNA	41 01	75 54	1970	EST	6P	8A	54	34		ANDREW B EVANSHA	2 3 5
LETON	3130	POTTER	WEST BRANCH	41 44	77 39	1330	EST		6P		18		W GALE LUSH	2 3
IGERTOWN	3189	BERKS	SCHUYLKILL	40 12	75 50	380	EST		8A		3		WALTER C WOLF	2 3
ORGE SCHOOL	3200	BUCKS	DELAWARE	40 13	74 56	160	EST	7P	7P	42	42		GEO M HART	2 3 5
TTYSBURG	3218	ADAMS	POTOMAC	39 50	77 14	500	EST	8A	8A	72	74		HUGH C MC ILHENNY	2 3 5
TTYSBURG 1 MI S	3223	ADAMS	POTOMAC	39 48	77 14	570	EST		MID		11		NATL MILITARY PARK	2 3 4
FFORD	3237	MC KEAN	ALLEGHENY	41 51	78 36	2220	EST		8A		1		BRADFORD DIS FLD COM	2 3
ENCOE	3298	SOMERSET	POTOMAC	39 49	78 51	1620	EST		8A		11		C E SANDERS	2 3 4
EN ROCK	3330	YORK	SUSQUEHANNA	39 48	76 44	620	EST		MID		7		MRS E C MC WILLIAMS	2 3 4
EN WILLARD DASHIELDS DAM	3343	ALLEGHENY	OHIO	40 33	80 14	1025	EST		7A		4		WM H MC CONNELL	2 3
OD SPRINGS 1 MI NW	3372	SCHUYLKILL	SUSQUEHANNA	40 38	76 30	1500	EST		MID		11		PA POWER & LIGHT CO	2 3 4
RDON	3379	SCHUYLKILL	SUSQUEHANNA	40 45	76 20	900	EST	5P	5P	45	45		MRS S M JOHNSON	2 3 5
ULDSBORO	3394	WAYNE	LEHIGH	41 15	75 27	1850	EST		7A	17	33		L H ELLENBERGER	2 3
ANTVILLE 2 MI SW	3422	DAUPHIN	SUSQUEHANNA	40 22	76 41	520	EST		ss		11		EDW N RHOADS	2 3
ATERFORD	3435	MONTGOMERY	SCHUYLKILL	40 14	75 27	160	EST		7A		33		CLAUDE K KULP	2 3
EENSBORO LOCK NO 7	3503	GREENE	MONONGAHELA	39 47	79 55	808	EST		7A		67		U S E P B G	2 3 7
EENSBURG 2 MI S FILTER STA	3510	WESTMORELAND	MONONGAHELA	40 16	79 33	977	EST	6P	6P	41	41		WESTMORELAND WATER CO	2 3 5
EENSBURG 2 MI E HWY SHED	3515	WESTMORELAND	MONONGAHELA	40 18	79 30	1225	EST		MID		10		PENNA DEPT HIGHWAYS	2 3 4
EENSBURG 3 MI SE UNITY RES	3516	WESTMORELAND	MONONGAHELA	40 17	79 30	1245	EST		6P	35	40		WESTMORELAND WATER CO	2 3
EENVILLE	3526	MERCER	BEAVER	41 25	80 23	930	EST	6P	6P	50	50		C EARL MILLER	2 3 5
NOVER	3662	YORK	SUSQUEHANNA	39 48	76 59	600	EST	8A	8A	45	45		HANOVER EVENING SUN	2 3 5
RRISBURG 3 MI S WB AP	3699	YORK	SUSQUEHANNA	40 13	76 51	335	EST	MID	MID	60	60		U S WEATHER BUREAU	2 3 4 5 7
RRISBURG NORTH	3704	DAUPHIN	SUSQUEHANNA	40 16	76 53	350	EST		9A		31		GEO S BEAL	2 3
WLEY	3758	WAYNE	DELAWARE	41 29	75 10	980	EST	8P	8A	30	39		MRS D M PENNELL	2 3 5
WLEY 1 MI S WALLEN DAM	3859	WAYNE	DELAWARE	41 28	75 11	1180	EST	8A	8A	13	17	13	PA POWER & LIGHT CO	2 3 4 5 6
WITT 2 MI S	3897	BEDFORD	POTOMAC	39 44	78 32	840	EST	ss	ss	4	8		MISS M E ROLAND	2 3 4 5
LLIDAYSBURG	4001	BLAIR	JUNIATA	40 26	78 24	1000	EST		MID		11		JOHN M RINGLER	2 3 4
LLISTERVILLE	4008	WAYNE	DELAWARE	41 23	75 26	1360	EST		8A		21		PA POWER & LIGHT CO	2 3
LTWOOD	4019	LANCASTER	SUSQUEHANNA	39 50	76 20	200	EST	MID	8A	29	34		PA WATER & POWER CO	2 3 4 5
ME	4027	INDIANA	ALLEGHENY	40 45	79 06	1260	EST		MID		11		H J MC ELHOES	2 3 4
NESDALE 4 MI NW	4043	WAYNE	DELAWARE	41 37	75 19	1445	EST		9A		3		GEO C WILLIAMS	2 3
NESDALE 6 MI N TANNERS FLS	4044	WAYNE	DELAWARE	41 39	75 17	1100	EST		MID		7		LESLIE E WALTER	2 3 4
OVERSVILLE	4058	SOMERSET	CONEMAUGH	40 10	78 53	1660	EST		7A		10		PENNA ELECTRIC CO	2 3
P BOTTOM 2 MI S	4066	SUSQUEHANNA	SUSQUEHANNA	41 43	75 43		EST		7A		4		JOSEPH J SANAUSKAS	2 3
NTINGDON	4159	HUNTINGDON	SUSQUEHANNA	40 29	78 01	620	EST	8A	8A	61	61		HUNTINGDON BROADTOP RR	2 3 5
NTSDALE	4166	CUMBERLAND	SUSQUEHANNA	40 06	77 19	620	EST		7A		8		T J DINGLE	2 3 4
NDMAN	4190	BEDFORD	POTOMAC	39 49	78 43	900	EST		7A		36		W J EMERICK	2 3
DIANA 2 MI SE	4214	INDIANA	CONEMAUGH	40 36	79 07	1102	EST	6P	6P	46	49		CLYMER WATER CO	2 3 4 5
DIANA	4219	INDIANA	CONEMAUGH	40 37	79 10	1300	EST	5P	5P	10	10		STATE TEACHERS COLL	2 3 5
WIN	4276	WESTMORELAND	MONONGAHELA	40 20	79 42	1090	EST	5P	5P	46	52		WESTMORELAND WATER CO	2 3 5
CKSON SUMMIT	4304	TIOGA	SUSQUEHANNA	41 57	77 01	1700	EST		MID		12		ARCHIE LAIN	2 3 4
MESTOWN 2 MI NW	4325	MERCER	BEAVER	41 30	80 28	1050	EST	8A	8A	7	9	7	PA DEPT FRST & WTRS	2 3 4 5 6
HNSTOWN 1	4385	CAMBRIA	CONEMAUGH	40 20	78 55	1214	EST	9A	9A	55	67		JOHNSTOWN TRIBUNE	2 3 5
HNSTOWN 2	4390	CAMBRIA	CONEMAUGH	40 19	78 55	1130	EST		MID		10		CITY OF JOHNSTOWN	2 3 4
NIATA HOUSE	4425	HUNTINGDON	JUNIATA	40 22	77 49	560	EST		8P		3		J EARL MC VEY	2 3
NE 1 MI N	4432	MC KEAN	ALLEGHENY	41 41	78 48	1750	EST	MID	MID	5	33		SPRING WATER CO	2 3 5
NE 5 MI SE	4437	ELK	ALLEGHENY	41 36	78 46	2010	EST		MID		7		U S FOREST SERVICE	2 3 4
RTHAUS	4450	CLEARFIELD	WEST BRANCH	41 07	78 07	860	EST		7A		8		MRS E M SHULTZ	2 3
RKWOOD 1 MI SW	4597	LANCASTER	SUSQUEHANNA	39 51	76 05	430	EST		MID		8		SOIL CONSERV SERVICE	2 3 4
EGAR 4 MI SE	4667	WESTMORELAND	YOUGHIOGHENY	40 06	79 14	2470	EST		MID		7		PENNA TURNPIKE COMM	2 3
ESGEVILLE 3 MI W	4672	CARBON	LEHIGH	40 54	75 34	825	EST		8A		6		CITY OF BETHLEHEM	2 3
FAYETTE MC KEAN PARK	4706	MC KEAN	ALLEGHENY	41 48	78 40	2130	EST		8A		1		BRADFORD DIS FLD COMM	2 3
KEVILLE 1 MI N	4733	WAYNE	DELAWARE	41 27	75 16	1480	EST		8A		21		MRS REVEL JENKINS	2 3
MPETER SCS 1A	4750	LANCASTER	SUSQUEHANNA	39 59	76 14	405	EST		MID		8		SOIL CONSERV SERVICE	2 3 4
NCASTER 2 NE PUMP STATION	4758	LANCASTER	SUSQUEHANNA	40 03	76 17	255	EST	5P	5P	47	61		LANCASTER WATER BUR	2 3 5
NCASTER 2 NE FILTER PLANT	4763	LANCASTER	SUSQUEHANNA	40 03	76 17	270	EST		MID		11		LANCASTER WATER BUR	2 3
NCASTER 3 MI NE EXP FARM	4768	LANCASTER	SUSQUEHANNA	40 04	76 17	360	EST	8A	8A	3	3		DR ORMAN E STREET	2 3
NSFORD	4804	CARBON	SCHUYLKILL	40 50	75 53	1030	EST		8A		43		LEHIGH NAVIG COAL CO	2 3
NSFORD FOREMANS SHOP	4809	CARBON	SCHUYLKILL	40 50	75 53	1040	EST		7A		15		PANTHER VALLEY WTR CO	2 3
TROBE	4832	WESTMORELAND	CONEMAUGH	40 19	79 23	1030	EST		7A		6		WEST PENN POWER CO	2 3
URELTON 2 MI N STATE VILL	4853	UNION	SUSQUEHANNA	40 54	77 13	880	EST		MID		8		PENNA DEPT OF WELFARE	2 3 4
RENCEVILLE	4873	TIOGA	SUSQUEHANNA	42 00	77 08	996	EST	6P	6P	51	51		CARLOS P DARLING	2 3 5
ANON	4891	LEBANON	SUSQUEHANNA	40 20	76 26	469	EST	8A	8A	60	65		LEBANON VALLEY GAS CO	2 3 5
ANON 3 MI SW	4896	LEBANON	SUSQUEHANNA	40 19	76 28	490	EST		MID		11		LEBANON COUNTRY CLUB	2 3 4
ONTES MILLS 5 NW	4904	CLEARFIELD	WEST BRANCH	41 09	78 20	2320	EST		7A		8		PA DEPT FRST & WTRS	2 3
IGHTON	4934	CARBON	LEHIGH	40 50	75 43	580	EST		7A		14		GOODWIN DE FREHN	2 3 4 7
ROY	4972	BRADFORD	SUSQUEHANNA	41 40	76 43		EST		6P		12		DIMMIS M BAILEY	2 3
IS RUN 3 MI S	4984	MC KEAN	ALLEGHENY	41 50	78 39	1700	EST		7A		1		BRADFORD DIS FLD COMM	2 3
ISTOWN	4992	MIFFLIN	JUNIATA	40 35	77 35	480	EST	7A	7A	10	10		AMERICAN VISCOSE CO	2 3 4
ESVILLE 6 MI NW PENN LINE	5050	CRAWFORD	BEAVER	41 42	80 31	1015	EST		8A		31		MRS R M CRUMB	2 3
K HAVEN 1	5104	CLINTON	WEST BRANCH	41 08	77 28	680	EST	7A	7A	57	57		SAMUEL C DICKEY JR	2 3 5
K HAVEN 2	5109	CLINTON	WEST BRANCH	41 08	77 27	620	EST		MID		11		HUGH F PARKER	2 3 4
G POND	5160	MONROE	LEHIGH	41 03	75 30	1860	EST		8A		2		THOMAS MECKES	2 3
IPPUS 1 MI E	5259	WESTMORELAND	YOUGHIOGHENY	40 14	79 24	1380	EST		5P	53	57		WESTMORELAND WATER CO	2 3
LE GLEN	5368	MONTGOMERY	DELAWARE	40 11	75 11	370	EST		8A		3		L F SCHEIBNER JR	2 3
LETON DEPOT	5381	HUNTINGDON	JUNIATA	40 24	77 56	580	EST		7A		10		MRS I S BUCHANAN	2 3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
MARCUS HOOK	5390	DELAWARE	DELAWARE	39 48	75 25	12	EST	8A	8A	22	22		SUN OIL CO	2 3 5
MARIENVILLE	5400	FOREST	ALLEGHENY	41 28	79 07	1780	EST		MID		9		U S FOREST SERVICE	2 3 4
MARION CENTER 2 MI SE	5408	INDIANA	CONEMAUGH	40 45	79 02	1610	EST		7A		6		U S E P B G	2 3
MARSHBURG	5435	MC KEAN	ALLEGHENY	41 51	78 46	2120	EST		8A		1		BRADFORD DIS FLD COMM	2 3
MARTINSBURG	5453	BLAIR	JUNIATA	40 18	78 20	1360	EST		MID		11		BLUE MT CANNERIES	2 3 4
MARTINSBURG BLAIR CO AIRPORT	5454	BLAIR	JUNIATA	40 19	78 19	1460	EST	MID	MID	6	6		C A A	2 3 4 5
MATAMORAS	5470	PIKE	DELAWARE	41 22	74 42	455	EST		8A		44		HARRY BISLAND	2 3
MAUCH CHUNK 1 MI SW	5479	CARBON	LEHIGH	40 51	75 46	800	EST	4P	4P	56	56		HENRY S HAAK	2 3 5
MAYBURG	5490	FOREST	ALLEGHENY	41 36	79 13	1150	EST		7A		3		OPAL LITTLEFIELD	2 3
MC CONNELLSBURG	5526	FULTON	POTOMAC	39 56	78 00	910	EST		7A		16		RUTH L ROETTGER	2 3
MC CONNELLSTOWN 4 MI NW	5534	HUNTINGDON	JUNIATA	40 30	78 08	2340	EST		7A		8		PA DEPT FRST & WTRS	2 3
MC CORMICK	5541	INDIANA	ALLEGHENY	40 50	79 07	1180	EST		7A		8		U S E P B G	2 3
MC KEESPORT	5573	ALLEGHENY	ALLEGHENY	40 21	79 52	800	EST		7A		20		NATL TUBE CO	2 3 7
MEADVILLE 1 MI S	5606	CRAWFORD	ALLEGHENY	41 37	80 10	1065	EST	8A	8A	54	55		CITY OF MEADVILLE	2 3 4 5
MEDIX RUN	5627	ELK	WEST BRANCH	41 17	78 23	1125	EST		MID		7		MRS E M SNYDER	2 3 4
MERCER 5 MI NE WB AIRPORT	5649	MERCER	BEAVER	41 17	80 12	1296	EST	MID	MID	9	9		U S WEATHER BUREAU	2 3 4 5
MERCER HIGHWAY SHED	5654	MERCER	BEAVER	41 14	80 15	1240	EST		MID		9		PENNA DEPT HIGHWAYS	2 3 4
MERCERSBURG	5662	FRANKLIN	POTOMAC	39 50	77 54	605	EST		8A				ROLLIN P GILBERT	2 3
MEYERSDALE	5684	SOMERSET	YOUGHIOGHENY	39 49	79 02	1980	EST		8A		10		LOUIS M WELD	2 3
MIDDLETOWN OLMSTED FIELD	5703	DAUPHIN	SUSQUEHANNA	40 11	76 46	303	EST	MID	MID	18	18		U S AIR FORCE	2 3 5
MIDLAND DAM NO 7	5710	BEAVER	OHIO	40 38	80 28	780	EST	11P	7A	11	12		PERRY P CAMPBELL	2 3 5 7
MILAN	5731	BRADFORD	SUSQUEHANNA	41 55	76 32	820	EST		MID		11		W S ROBERTS	2 3 4
MILANVILLE	5738	WAYNE	DELAWARE	41 40	75 04	750	EST		8A		3		CHAS W DAVIS	2 3
MILLERSBURG 2 MI E	5775	DAUPHIN	SUSQUEHANNA	40 32	76 56	545	EST		MID		11		WM H NOVINGER	2 3 4
MILLVILLE	5816	COLUMBIA	SUSQUEHANNA	41 08	76 32	820	EST		MID		11		RUSSELL SHEPLEY	2 3 4
MILROY	5825	MIFFLIN	JUNIATA	40 43	77 35	770	EST		8A		6		DAVID S NACE	2 3
MONROE FURNACE	5884	HUNTINGDON	JUNIATA	40 42	77 54	1200	EST		MID		7		PENNA STATE COLLEGE	2 3 4
MONROETON 2 MI S	5889	BRADFORD	SUSQUEHANNA	41 42	76 28	2200	EST		7A		8		PA DEPT FRST & WATERS	2 3
MONTROSE 3 MI E HIGHWAY SHED	5915	SUSQUEHANNA	SUSQUEHANNA	41 50	75 49	1175	EST	8A	8A	43	43		HARRY S FANCHER	2 3 5
MONTROSE	5920	SUSQUEHANNA	SUSQUEHANNA	41 50	75 52		EST		MID		11		CONSUMERS WATER CO	2 3 4
MOSGROVE L 8	5987	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST		7A		24		U S E P B G	2 3 7
MOUNT POCONO 2 MI N WB AP	6055	MONROE	DELAWARE	41 08	75 22	1914	EST	MID	MID	41	43		U S WEATHER BUREAU	2 3 4 5
MOUNT UNION 1 MI NW	6067	MIFFLIN	JUNIATA	40 24	77 53	800	EST		MID		11		MT UNION WATER WORKS	2 3 4
MURRYSVILLE	6111	WESTMORELAND	MONONGAHELA	40 26	79 42	903	EST		MID		8		WM MC WILLIAMS	2 3 4
MYERSTOWN	6126	LEBANON	SCHUYLKILL	40 23	76 18	520	EST		8A		8		JOHN W WANDELL	2 3
NATRONA LOCK NO 4	6151	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST		7A		21		U S E P B G	2 3 7
NEFFS MILLS 4 NE	6174	HUNTINGDON	JUNIATA	40 40	77 55	960	EST	8A	8A	8	8	8	PENNA STATE COLLEGE	2 3 4 5
NESHAMINY FALLS	6194	BUCKS	DELAWARE	40 09	74 57	40	EST		5P	27	33		PHILA SUB WATER CO	2 3
NEWBURG 3 MI W	6225	FRANKLIN	SUSQUEHANNA	40 09	77 37	745	EST	MID	MID	7	7		PENNA TURNPIKE COMM	2 3 5
NEW CASTLE 1 MI N PUMP STA	6233	LAWRENCE	BEAVER	41 01	80 22	900	EST	11P	11P	65	62		NEW CASTLE WATER CO	2 3 4 5
NEWELL	6246	FAYETTE	MONONGAHELA	40 05	79 53	800	EST	MID	NOON	35	27		GENERAL CHEMICAL CO	2 3 5
NEW PARK	6289	YORK	SUSQUEHANNA	39 44	76 31	780	EST		6P		24		CLINTON J ALLEN	2 3
NEWPORT	6297	PERRY	JUNIATA	40 29	77 08	400	EST	7A	7A	1	18		MRS FRANCES FRY	2 3 7
NEW TRIPOLI	6326	LEHIGH	LEHIGH	40 42	75 46	580	EST		6P		10		FRED C OSWALD	2 3
NORRISTOWN	6370	MONTGOMERY	SCHUYLKILL	40 07	75 20	48	EST		8A				GEORGE H BOONE	2 3
ORWELL 3 MI N	6621	BRADFORD	SUSQUEHANNA	41 55	76 16	1620	EST		6P		5		WM I BROWN	2 3
PALM	6681	MONTGOMERY	SCHUYLKILL	40 26	75 32	380	EST		8A		7		FRED C ESCHBACK	2 3
PALMERTON	6689	CARBON	LEHIGH	40 48	75 37	435	EST	MID	MID	31	32		NEW JERSEY ZINC CO	2 3 4 5
PARKERS LANDING	6719	ARMSTRONG	ALLEGHENY	41 06	79 40	1100	EST		7A		64		JANNETTE E SCHULTZ	2 3 7
PARKERS LANDING 1 MI E	6724	CLARION	ALLEGHENY	41 06	79 41	870	EST		MID		10		PAUL M NEELY	2 3 4
PARK PLACE 1 NW WB AIRPORT	6734	SCHUYLKILL	SCHUYLKILL	40 51	76 06	1952	EST	MID	MID	5	5		U S WEATHER BUREAU	2 3 4 5
PAUPACK	6762	PIKE	DELAWARE	41 24	75 12	1523	EST		8A		32		MISS L VETTERLINE	2 3
PECKS POND	6786	PIKE	DELAWARE	41 17	75 05	1380	EST		8A		3		CARRIE NESS	2 3
PHILADELPHIA FRANKLIN INST	6884	PHILADELPHIA	DELAWARE	39 58	75 10	100	EST	10A	10A	7	7		FRANKLIN INSTITUTE	7
PHILADELPHIA WB AIRPORT	6889	PHILADELPHIA	DELAWARE	39 53	75 14	20	EST	MID	MID	7	7		U S WEATHER BUREAU	2 3 4 5
PHILADELPHIA POINT BREEZE	6899	PHILADELPHIA	DELAWARE	39 55	75 12	85	EST	MID	MID	24	24		ATLANTIC REFINING	2 3 4 5
PHILADELPHIA SHAWMONT	6904	PHILADELPHIA	DELAWARE	40 02	75 15	70	EST	7P	7P	32	53		SCHUYLKILL NAVIG CO	2 3 5
PHILADELPHIA WB CITY	6909	PHILADELPHIA	DELAWARE	39 57	75 09	174	EST	MID	MID	77	77		U S WEATHER BUREAU	2 3 4 5
PHILLIPSBURG WB AIRPORT	6916	CENTRE	JUNIATA	40 54	78 05	1914	EST	MID	MID	8	6		U S WEATHER BUREAU	2 3 4
PHOENIXVILLE 1 MI E PUMP STA	6927	CHESTER	SCHUYLKILL	40 07	75 30	105	EST	ss	8A	37	39		PHILA SUB WATER CO	2 3 4 5
PIKES CREEK	6939	LUZERNE	SUSQUEHANNA	41 18	76 06	1250	EST		MID		11		ANDREW STELTZ	2 3 4
PINE GROVE 1 MI NE	6954	SCHUYLKILL	SUSQUEHANNA	40 34	76 22	515	EST		8A		2		PA POWER & LIGHT CO	2 3
PINE GROVE MILLS 1 MI S	6962	HUNTINGDON	JUNIATA	40 43	77 54	2060	EST		MID				PENNA STATE COLLEGE	2 3
PITTSBURGH 7 MI SE WB AP	6992	ALLEGHENY	MONONGAHELA	40 21	79 56	1273	EST	MID	MID	18	18		U S WEATHER BUREAU	2 3 4 5
PITTSBURGH WB CITY	6997	ALLEGHENY	OHIO	40 26	80 00	914	EST	MID	MID	78	78		U S WEATHER BUREAU	2 3 4 5
PLEASANT MOUNT 1 MI W	7029	WAYNE	DELAWARE	41 44	75 27	1810	EST		7A		27		PENNA GAME COMM	2 3 4
PORT ALLEGANY	7103	MC KEAN	ALLEGHENY	41 48	78 17	1500	EST		7A		6		RALPH MC CONNELL	2 3
PORT ALLEGANY 3 MI SW	7108	MC KEAN	ALLEGHENY	41 47	78 19	1580	EST		7A		6		CRYSTAL SPG TROUT HCY	2 3
PORT CLINTON	7116	SCHUYLKILL	SCHUYLKILL	40 35	76 02	430	EST	8A	8A	10	10		EARL E RARICK	2 3 4 5
PORTLAND	7127	NORTHAMPTON	DELAWARE	40 55	75 06	297	EST		8A		5		JOINT BRIDGE COMM	2 3
POTTSTOWN	7149	MONTGOMERY	SCHUYLKILL	40 15	75 39	180	EST		8A		57		MILES E SMITH	2 3
POTTSVILLE	7156	SCHUYLKILL	SCHUYLKILL	40 41	76 12	820	EST		8A		66		POTTSVILLE WATER CO	2 3
POTTSVILLE PALO ALTO BRIDGE	7161	SCHUYLKILL	SCHUYLKILL	40 41	76 11	640	EST		7A		5		JOHN M SMITH	2 3
PUNXSUTAWNEY 1	7217	JEFFERSON	ALLEGHENY	40 57	78 59	1220	EST		7A		28		JOHN VOLANSKY	2 3
PUNXSUTAWNEY 2	7222	JEFFERSON	ALLEGHENY	40 56	78 58	1360	EST		MID		8		PENNA ELEC CO	2 3
PUTNEYVILLE 2 SE DAM	7229	ARMSTRONG	ALLEGHENY	40 55	79 17	1270	EST	8A	8A	5	5		U S E P B G	2 3 4 5
QUAKERTOWN	7239	BUCKS	DELAWARE	40 26	75 20	480	EST	5P	5P	62	64		JOHN E BENNER	2 3 5
RAYMOND	7310	POTTER	ST LAWRENCE	41 52	77 52	2220	EST		MID		10		ARTHUR LENGAN	2 3 4
READING WB CITY	7318	BERKS	SCHUYLKILL	40 20	75 56	266	EST	MID	MID	51	79		U S WEATHER BUREAU	2 3 4 5
RENOVO	7409	CLINTON	WEST BRANCH	41 19	77 46	645	EST		7A		51		MRS C W BAIRD	2 3 7
RENOVO 6 MI S STATE CAMP	7410	CLINTON	WEST BRANCH	41 14	77 46	2035	EST		MID		11		PA DEPT FRST & WATERS	2 3 4
RETREAT FARMS	7417	LUZERNE	SUSQUEHANNA	41 11	76 06	560	EST	6P	6P	16	16		THEO J SAMPSON	2 3 5
RIDGWAY	7425	MC KEAN	ALLEGHENY	41 54	78 32	2250	EST		8A		1		BRADFORD DIS FLD COMM	2 3
RICES LANDING LOCK NO 6	7443	GREENE	MONONGAHELA	39 57	80 00	775	EST		7A		14		U S E P B G	2 3
RIDGWAY	7477	ELK	ALLEGHENY	41 26	78 44	1385	EST	7A	7A	33	42		WEST PENN POWER CO	2 3 4 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV (FT.)	TIME OF OBSERVATION: ZONE	TEMP.	PRECIP.	YEARS OF RECORD: TEMP	PRECIP	EVAP.	OBSERVER	REFER TO TABLES
RINGTOWN 1 MI SW	7497	SCHUYLKILL	SUSQUEHANNA	40 51	76 15	1080	EST		SS		58		BORO SHENANDOAH	2 3
ROCHESTER 1 MI N	7540	BEAVER	BEAVER	40 43	80 18	935	EST		MID				DUQUESNE LIGHT CO	2 3 4
RUSH 6 MI S	7694	SUSQUEHANNA	SUSQUEHANNA	41 42	76 03		EST		8A		4		M MAUDE MC CAIN	2 3
SAFE HARBOR DAM	7732	LANCASTER	SUSQUEHANNA	39 56	76 23	180	EST		NOON		10		PA WATER & POWER CO	2 3
SAGAMORE 1 MI SE	7739	INDIANA	ALLEGHENY	40 46	79 14	1320	EST		7A		8		U S E P B G	2 3
SALTSBURG	7796	INDIANA	KISKIMINETAS	40 29	79 27	849	EST		8A		54		WALTER B SULLIVAN	2 3 7
SAXTON	7846	BEDFORD	WEST BRANCH	40 13	78 15	800	EST		7A		8		HUNTINGDON BROAD TOP RR	2 3 4
SCANDIA	7855	WARREN	ALLEGHENY	41 55	79 02	2040	EST		MID		8		U S E P B G	2 3 4
SCHENLEY LOCK 5	7863	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST		7A		70		U S E P B G	2 3 7
SCRANTON WB CITY	7902	LACKAWANNA	SUSQUEHANNA	41 25	75 40	805	EST	MID	MID	48	48		U S WEATHER BUREAU	2 3 4
SELINSGROVE AIRPORT	7931	SNYDER	SUSQUEHANNA	40 49	76 52	460	EST	5P	5P	58	58		EUGENE H STEESE MGR	2 3 5
SELLERSVILLE 2 MI NW	7938	BUCKS	SCHUYLKILL	40 23	75 20	530	EST		MID		11		SELLERSVILLE WATER CO	2 3 4
SEWARD	7956	WESTMORELAND	CONEMAUGH	40 25	79 01	1122	EST		7A		10		EDW L STUTZMAN	2 3 7
SHADE GAP	7965	HUNTINGDON	JUNIATA	40 11	77 52	940	EST		MID		10		MRS HELEN L PYLE	2 3 4
SHAMOKIN	7978	NORTHUMBERLAND	SUSQUEHANNA	40 47	76 34	750	EST		8A		44		ROARING CREEK WTR CO	2 3
SHARPSVILLE	8000	MERCER	BEAVER	41 16	80 29	951	EST		7A		10		MRS. M J KELLEY	2 3
SHEFFIELD 6 MI W CHERRY GROVE	8026	WARREN	ALLEGHENY	41 42	79 09	1940	EST		MID		11		L N HANSON	2 3 4
SHIPPENSBURG	8073	CUMBERLAND	SUSQUEHANNA	40 03	77 32	709	EST	4P	4P	16	20		STATE TEACHERS COLL	2 3 5
SMETHPORT HIGHWAY SHED	8190	MC KEAN	ALLEGHENY	41 48	78 27	1510	EST		MID		11		PENNA DEPT OF HWYS	2 3 4
SOMERSET WATER WORKS	8249	SOMERSET	YOUGHIOGHENY	40 01	79 05	2100	EST	6P	6P	79	65		D L GROVE	2 3 5
SOMERSET 2 MI E SUBSTATION	8254	SOMERSET	YOUGHIOGHENY	40 01	79 03	2280	EST		7A		13		PENNA ELECTRIC CO	2 3
SOUTH MOUNTAIN	8308	FRANKLIN	POTOMAC	39 51	77 30	1600	EST		7A		9		PENNA DEPT OF HEALTH	2 3
SPRING GROVE	8379	YORK	SUSQUEHANNA	39 52	76 52	470	EST		4P		8		P H GLATFELTER CO	2 3 4
SPRINGS 1 MI SW	8395	SOMERSET	YOUGHIOGHENY	39 44	79 10	2500	EST	8P	8P	29	29		ALLEN E YODER	2 3 5
SPRUCE CREEK	8405	HUNTINGDON	JUNIATA	40 36	78 08	760	EST		7A		2		MRS C E SEIBER	2 3
STATE COLLEGE	8449	CENTER	WEST BRANCH	40 48	77 52	1175	EST	MID	MID	61	64		PENNA STATE COLLEGE	2 3 4 5
STRAUSSTOWN	8570	BERKS	SCHUYLKILL	40 30	76 11	600	EST		8A		3		ROBT B HIESTER	2 3
STRONGSTOWN	8589	INDIANA	CONEMAUGH	40 33	78 55	1880	EST		MID		8		HARRY F BENNETT	2 3 4
STROUDSBURG 2 MI E SUBSTATION	8596	MONROE	DELAWARE	41 00	75 09	327	EST	9A	9A	31	31		METROPOLTN EDISON CO	2 3
STROUDSBURG	8601	MONROE	DELAWARE	40 59	75 11	390	EST		MID		10		SEWAGE TREATMENT WKS	2 3 4
STUMP CREEK	8610	JEFFERSON	ALLEGHENY	41 01	78 50	1320	EST		7A		8		U S E P B G	2 3
SUNBURY	8668	NORTHUMBERLAND	SUSQUEHANNA	40 51	76 48	440	EST		7A		26		CHAS W BAYLER	2 3 4 7
SUNBURY AIRPORT 2 MI N	8673	NORTHUMBERLAND	SUSQUEHANNA	40 54	76 47	454	EST	MID	MID	3	3		C A A	2 3 5
SUSQUEHANNA	8692	SUSQUEHANNA	SUSQUEHANNA	41 57	75 36	1000	EST		7A		14		LAURA BENSON	2 3
SUTERSVILLE	8699	WESTMORELAND	YOUGHIOGHENY	40 14	79 48	770	EST		7A		8		J H CRUMRINE	2 3 7
TAMAQUA	8758	SCHUYLKILL	SCHUYLKILL	40 48	75 58	800	EST		7A		7		MARY L ROBERTS	2 3
TAMAQUA 4 MI N STILL CRK DAM	8763	SCHUYLKILL	SCHUYLKILL	40 51	76 00	1120	EST		7A		16		PANTHER VALLEY WTR CO	2 3 4
TAMARACK 2 MI S FIRE TOWER	8770	CLINTON	WEST BRANCH	41 24	77 51	2200	EST		7A	6	8		JAMES E SCHWARTZ	2 3 5
TIONESTA 2 MI SE DAM	8873	FOREST	ALLEGHENY	41 29	79 26	1200	EST	8A	8A	5	12		U S E P B G	2 3 5
TITUSVILLE 2 MI S	8880	VENANGO	ALLEGHENY	41 36	79 40	1550	EST	5P	5P	5	5		U S WEATHER BUREAU	2 3 5
TITUSVILLE	8885	CRAWFORD	ALLEGHENY	41 38	79 41	1200	EST		MID		10		PENNA ELECTRIC CO	2 3 4
TOWANDA	8905	BRADFORD	SUSQUEHANNA	41 46	76 26	755	EST	7P	7P	54	54		MRS M O PARKS	2 3 4 5 7
TOWER CITY 5 SW	8910	DAUPHIN	SUSQUEHANNA	40 32	76 37	725	EST		SS		3		HARRISBURG WATER DEPT	2 3
TUNKHANNOCK 1 MI S AIRPORT	8982	WYOMING	SUSQUEHANNA	41 32	75 57	639	EST	9A	9A	3	7		J D CHAMBERS MGR	2 3 4 5
TUNNELTON	8989	INDIANA	CONEMAUGH	40 27	79 23	900	EST		MID		8		W D WEIMER	2 3 4
TYRONE 4 MI NE BALD EAGLE	9024	BLAIR	JUNIATA	40 43	78 11	1080	EST		MID		11		FRED L FRIDAY	2 3 4
UNION CITY 1 MI W	9041	ERIE	ALLEGHENY	41 54	79 52	1280	EST		MID		11		PENNA ELECTRIC CO	2 3 4
UNIONTOWN	9050	FAYETTE	MONONGAHELA	39 54	79 44	1040	EST	6P	6P	59	60		WM W MARSTELLAR	2 3 5
VANDERGRIFT	9128	WESTMORELAND	KISKIMINETAS	40 36	79 33	800	EST		7A		9		UNITED ENG & FNDRY CO	2 3 7
VANDERGRIFT 2 MI W	9133	WESTMORELAND	KISKIMINETAS	40 36	79 36	995	EST		MID		10		EUGENE R YOUNG	2 3 4
VIRGINVILLE	9196	BERKS	SCHUYLKILL	40 31	75 52	230	EST		8A		3		IRENE M WERLEY	2 3
WARREN	9298	WARREN	ALLEGHENY	41 50	79 09	1190	EST	7P	7A	52	60		MERRELL L JORDAN	2 3 5 7
WASHINGTON	9312	WASHINGTON	OHIO	40 11	80 14	1200	EST		MID		10		PENNA DEPT OF HWYS	2 3 4
WATROUS 9 MI S LEE FIRE TOWER	9340	TIOGA	WEST BRANCH	41 37	77 33	2425	EST		7A		5		PA DEPT FRST & WTRS	2 3
WAYNESBURG 2 MI W	9362	GREENE	MONONGAHELA	39 54	80 13	980	EST	6P	7A	19	21		MFRS LIGHT & HEAT CO	2 3 4
WAYNESBURG 1 MI E	9367	GREENE	MONONGAHELA	39 54	80 10	940	EST		MID		10		RALPH M AMOS	2 3 5
WEBSTER MILLS 3 MI SW	9380	FULTON	POTOMAC	39 50	78 05	920	EST		MID		7		WM D COVER	2 3 4
WELLSBORO	9407	TIOGA	WEST BRANCH	41 45	77 17	1319	EST	7A	7A	69	78		M S BLISS	2 3 5
WELLSBORO 2 MI E	9412	TIOGA	WEST BRANCH	41 45	77 15	1610	EST		MID		12		IDA S MAYNARD	2 3 4
WELLSVILLE	9420	YORK	SUSQUEHANNA	40 03	76 57	500	EST	5P	5P	2	2		D D HOOVER	2 3 5
WERNERSVILLE	9430	BERKS	SCHUYLKILL	40 20	76 05	400	EST		7P		11		J H THOMPSON	2 3
WEST CHESTER	9464	CHESTER	DELAWARE	39 57	75 36	440	EST	7P	7P	93	98		CLYDE T SAYLOR	2 3 5
WEST GROVE 1 MI SE	9503	CHESTER	DELAWARE	39 48	75 49	452	EST		8A		19		CONRAD-PYLE CO	2 3
WEST NEWTON	9555	WESTMORELAND	MONONGAHELA	40 13	79 46	771	EST		7A		5		A B ADAMS	2 3
WHITESBURG	9655	ARMSTRONG	ALLEGHENY	40 45	79 24	1530	EST		7A		8		U S E P B G	2 3
WILKES-BARRE	9702	LUZERNE	SUSQUEHANNA	41 15	75 52	700	EST		7A		63		MRS MARY G MIRMAK	2 3 7
WILLIAMSPORT 4 SE	9723	LYCOMING	WEST BRANCH	41 13	76 57	1990	EST		7A		8		PA DEPT FRST & WATERS	2 3
WILLIAMSPORT 4 E WB AIRPORT	9728	LYCOMING	WEST BRANCH	41 14	76 56	580	EST	MID	MID	3	8		U S WEATHER BUREAU	2 3 4 5
WILLIAMSPORT	9733	LYCOMING	WEST BRANCH	41 15	77 01	540	EST		7A	55	62		SAMUEL W PURSELL	2 3 4 7
WILLIAMSTOWN	9741	DAUPHIN	SUSQUEHANNA	40 35	76 38	775	EST	5P	7A	33	14		GORDON E LOWER	2 3 5
WIND GAP 3 MI SW	9781	NORTHUMBERLAND	DELAWARE	40 49	75 20	730	EST		MID		3		GEO R HARTZ	2 3 4
WRK 3 MI SW PUMP STATION	9933	YORK	SUSQUEHANNA	39 55	76 45	390	EST	5P	5P	50	61		CLAYTON L BOTT	2 3 5
WRK 2 MI S FILTER PLANT	9938	YORK	SUSQUEHANNA	39 56	76 44	640	EST		MID		11		YORK WATER CO	2 3 4
WRK HAVEN	9950	YORK	SUSQUEHANNA	40 06	76 43	300	EST		8A		28		METROPOLTN EDISON CO	2 3
WYNGSVILLE	9966	WARREN	ALLEGHENY	41 51	79 19	1205	EST		MID		8		HIRAM C LYONS	2 3 4
YORKSVILLE 1 MI SW	9994	LEHIGH	SCHUYLKILL	40 28	75 31	820	EST		6P		17		HORACE MILLER	2 3

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24-hours ending at time of observation. See the Station Index for observation time.

-	No record.
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with windshield.
S	No recording gage, precipitation is measured at 6-hourly intervals.
a, b, c, through i	Number of days missing. a indicates one day missing, b indicates two days missing, etc.
ss	This entry in time of observation column in Station Index means sunset.
r	Station equipped with recording gage only. All amounts in Table 3 are from the non-recording gages, except for stations with this reference.
x	Daily precipitation totals in Table 3 are for the 24-hours ending at 1:30 A.M., E.S.T., of the following day.
z	Hourly amounts from recording gage at the same site may be found in Table 4.
T	Trace, an amount too small to measure.

Data in Table 4 were formerly published in the Hydrologic Bulletins for the North Atlantic District and the Ohio River District. Amounts in this table are from recording gages. Traces are not shown.

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CLIMATOLOGICAL DATA

PENNSYLVANIA

AUGUST 1948

Volume LIII No. 8

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PENNSYLVANIA AUGUST 1948

L. F. Conover, Section Director - Harrisburg

GENERAL SUMMARY

August was a month of sharp contrast. The first three weeks were unusually cool and the month would have been notable for its low mean temperature had the pattern persisted another few days. However, there was a major change in the pressure systems affecting eastern United States that caused the last decade to be one of the hottest in several years. Most of the temperature deficiency accumulated in the first three weeks was wiped out in the latter period of blistering heat. The excess of precipitation which had accumulated in the first half of the month, was wiped out in most areas by the dry weather associated with the heat.

During those first twenty odd days of the month, the daily maximum temperature rarely reached the mid-eighties in any part of the State. High pressure, which dominated the weather map, was reenforced by polar air to produce the coolest period of the month in the very heart of summer - from the 5th to 10th. Here and there record low maximum temperatures were recorded; Pittsburgh had a daytime maximum of only 63° on the 5th, just 2° above the all-time record. Nighttime minima were mainly in the low fifties on the 8th and 10th, with mountain stations reporting values in the low forties, and Phillipsburg and Kane - the low for the month - 34°.

The hot period was fully underway by the 24th and from that date it was a general rule to have ninety degree temperatures reported on the next 5 to 7 days. The counties in the southern half of the State experienced 1 to 3 days with the thermometer exceeding the century mark, although Bakerstown, Eagles Mere and Mount Pocono only reported 2 days with 90° or more during the month. The last of August is rather late for so high temperatures, but their occurrence is by no means unknown. Many earlier records show more days with high temperatures, but the suddenness and duration of the heat, which was accompanied by moderately high humidity, was of more interest than its arrival so late in the season.

Practically all of the precipitation of the month fell between the 3rd and 22nd on about nine dates. Heavy showers on the 3rd and 5th established reasonably large accumulation in excess of normal, but these were not substantial enough to hold the gains against the dry weather that started to get a foothold about the 15th, and the month's total averaged a half inch below normal. Southeastern and west-central counties generally fared better than elsewhere; Conshohocken reported 15 days with measurable rain and Palmerton four days with one inch or more. Adequate rainfall in the previous months helped carry crops through the dry period, although some soils were too dry for corn. Cobblers exceeded the 400 bushel mark in the southeast, but on the other hand, the early subnormal temperatures favored the spread of blight.

The Summer averaged about one degree below and precipitation one-half inch below normal.

TEMPERATURE

The average temperature for the State as deducted from reports of 118 stations was 70.1° which is 0.2° below the 61-year normal for August. The highest monthly mean was 77.9° at Marcus Hook, and the lowest 62.5° at Kane. Extremes ranged from a maximum of 106° at Marcus Hook on the 27th, to a minimum of 34° at Phillipsburg on the 8th and Kane on the 10th.

PRECIPITATION

The average precipitation for the State, as deduced from observations at 319 stations, was 3.62", which is 0.52" below the 61-year normal for August. The greatest monthly amount was 7.18" at Chadds Ford, while the least was 1.53" at Lewistown. The greatest amount recorded in any 24 consecutive hours was 4.44 inches at Claysville on the 5th.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN-SHINE	
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	DEGREE DAYS 65° BASE
ALLENTOWN	30.24	23	29.76	13	-	-	-	-	91	87	57	74	-	1
ERIE	30.27	23	29.78	12	6.2	17	W	17	86	85	65	73	62	5
HARRISBURG	30.24	23	29.78	5	5.3	19	NW	6	87	86	56	70	61	2
PHILADELPHIA	30.25	23	29.69	5	6.3	18	NW	6	90	87	58	73	59	0
PITTSBURGH	30.23	27	29.82	5	7.6	26	N	5	78	85	52	59	43	9
READING	30.22	23	29.75	5	7.7	40	NW	7	-	83	-	-	64	1
SCRANTON	30.26	23	29.76	13	5.5	20	N	31	-	80	53	-	70	8

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1888	69.8	100	33	7.05		10
1889	67.4	100	37	3.24		8
1890	68.8	98	34	5.76		12
1891	69.6	99	35	5.09		12
1892	71.4	99	42	3.77		9
1893	70.4	99	30	4.50		8
1894	69.4	98	32	1.84		6
1895	72.3	101	32	3.23		9
1896	71.2	101	35	2.22		8
1897	67.9	97	34	3.17		9
1898	72.3	99	37	6.60		12
1899	71.2	101	38	4.01		7
1900	75.0	103	38	3.33		9
1901	72.0	99	42	6.81		11
1902	67.8	100	34	2.62		8
1903	67.2	99	36	5.29		14
1904	68.0	96	34	4.36		9
1905	69.6	95	36	5.71		12
1906	73.2	96	39	5.62		12
1907	68.0	97	32	2.94		10
1908	69.4	102	30	3.22		7
1909	69.4	100	34	2.31		7
1910	69.8	98	35	2.61		6
1911	71.4	102	36	7.63		13
1912	67.1	93	36	5.02		14
1913	70.4	102	38	2.69		8
1914	71.3	100	34	3.85		11
1915	68.0	99	34	6.71		15
1916	71.9	103	32	2.57		8
1917	71.2	101	38	6.69		10
1918	73.6	108	32	4.12		11
1919	68.2	94	35	5.43		12

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1920	70.2	95	37	4.66		15
1921	68.4	97	35	3.83		9
1922	69.1	100	31	3.14		10
1923	69.2	96	30	3.10		9
1924	70.1	102	31	3.78		9
1925	69.7	97	26	2.28		7
1926	71.9	103	32	5.69		15
1927	65.5	92	34	4.12		12
1928	73.4	99	35	4.60		12
1929	67.7	98	31	2.52		7
1930	70.3	108	29	1.47		7
1931	71.1	104	40	4.01		12
1932	71.6	103	34	2.82		8
1933	70.8	104	38	7.61		12
1934	68.6	98	30	4.94		11
1935	71.3	98	31	3.91		11
1936	73.2	102	37	4.96		12
1937	73.5	101	40	5.43		12
1938	73.8	100	36	2.90		8
1939	73.3	98	41	2.98		8
1940	68.8	98	30	4.57		11
1941	68.8	101	31	4.35		8
1942	69.5	96	27	4.53		11
1943	70.8	101	33	2.72		8
1944	71.5	103	30	2.56		9
1945	69.3	99	34	3.79		9
1946	66.9	94	30	3.87		10
1947	74.0	100	37	3.85		10
1948	70.1	106	34	3.62		8
Period	70.3	108	26	4.14		10

TABLE 2
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ATLANTIC DRAINAGE																		
ALLENTOWN WB AIRPORT	72.5	0.4	99	26	51	8	6		4.33	- .07	1.77	5				9	6	1
ALLENTOWN GAS CO	73.2	1.3	100	27	53	8	5		4.04	- .52	1.87	6				11	5	1
ALTOONA HORSESHOE CURVE	68.8	- 0.3	96	28	47	8+	4		4.07	.63	1.10	19				11	6	1
ARENDTSVILLE	72.4	- 0.1	100	29	52	7+	6		6.16	2.15	1.70	23				10	7	3
AUSTINBURG 2 W									2.79	.18	1.58	5				6	2	1
AVOCA WILKES-BARRE SCRANTON	70.4		98	26	50	8	5		1.55		.49	20				8	3	
BEAR GAP									3.61		1.25	5				9	4	1
BEAVERTOWN			104	27			6				1.21	5				11	3	1
BELLEFONTE ROCKVIEW FARM	70.1		98	28	47	8	5		4.22	.69	.72	4+				10	7	
BERWICK	72.6		99	26+	48	10	6		1.94		.70	5				9	4	
BETHLEHEM RIVER STATION									3.56		2.00	6				10	3	1
BETHLEHEM LEHIGH UNIV	72.8	- 0.4	100	26+	52	8	5		3.54	- .76	2.06	5				9	3	1
BLAIN									2.02		.58	12				7	3	
BLAKESLEE CORNERS									3.29		2.07	5				9	3	1
BLOSERVILLE 1 N									3.03	- 2.25	1.02	3				7	4	1
BREEZEWOOD									4.07		1.70	3				8	5	1
BUFFALO MILLS									6.60	3.41	2.83	4				8	5	3
BURNT CABINS 2 NE	69.2		101	27	42	10	6		4.60		2.32	3				8	6	1
CAMP HILL									4.07		1.23	4				9		
CANTON 1 NW	69.8		97	29	50	10+	4		2.65		1.87	6				8	1	1
CARLISLE	71.8	- 1.0	102	28	50	8+	7		3.30	- 1.10	.96	5				7	4	
CARROLLTOWN									3.81		1.47	5				9	5	1
CARTER CAMP									3.70		1.20	6				8	6	1
CEDAR RUN									3.41	.35	1.37	6				8	4	1
CHADDS FORD									7.18		3.46	13				11	7	1
CHAMBERSBURG	71.8	0.6	98	26+	49	10	6		5.23	1.35	1.81	19				12	5	2
CLEARFIELD									2.73	- 1.32	.91	6				7	4	
COALDALE 2 NW									2.75		1.42	6				10	3	1
COALPORT	66.0		97	28	41	11	4		4.01							7		
COATESVILLE 1 SW	71.7	- 1.1	97	27+	52	10	5		4.05	- .53	.73	19				13	8	
COATESVILLE									3.78		.71	19				11	8	
COGAN STATION 2 N									1.76		.66	6				6	2	
COLUMBIA	74.4		102	28	52	8	8		4.38		2.05	3				8	6	1
CONSHOHOCKEN									5.25	.89	.98	6				15	8	
COVINGTON									3.01		2.20	6				6	3	1
CURWENSVILLE 6 NW	65.7		92	27	44	7+	3		3.40		2.01	5				9	4	1
DANVILLE									2.00		.87	6				7	3	
DAUPHIN 3 N									3.69		1.44	6				7		1
DINGMANS FERRY									4.15		1.97	6				8	4	1
DOYLESTOWN									5.76	.76	1.64	21				12	7	
DRIFTWOOD									2.66		1.62	5				4	3	
DU BOIS 7 E									3.20	- .16	1.89	5				8	2	
DUSHORE									2.63							9		
EAGLES MERE	66.5		91	27	48	6+	2		3.00	- 1.44	.89	12				6	4	
EAST WATERFORD 3 E	69.2		95	28	49	6	3		2.34	- 1.79	.90	6				9	4	
ELIZABETHTOWN									4.36		1.30	6				12	5	1
EMPORIUM	68.8	1.2	98	27	44	8+	5		3.67	- .06	1.30	6				5	4	2
ENGLISH CENTER									2.89		1.16	5				8		1
EPHRATA	72.9	0.4	100	28	52	8	6		4.77	.13	1.63	5				12	6	1
EQUINUNK					46	10			2.02		1.43	6				9	1	1
EVERETT	69.0	- 0.7	98	27+	49	7	6		3.65	- .17	1.58	4				8	3	1
FREDERICKSVILLE 1 S	72.7		96	26	58	6	5		5.67		1.33	6				12	7	2
FREELAND	69.0	2.2	94	26+	50	5+			2.14	- 2.01						8		
GALETON									3.84	- .12	1.95	5				7	3	2
GEIGERTOWN									6.27		1.57	23				9		2

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES				SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
GEORGE SCHOOL	72.6	0.4	98	27	50	8	8		3.29	- 1.30	.71	1				10	5	
GETTYSBURG	73.0	0.6	100	28	54	10+	6		4.57		.87	5				11	8	
GETTYSBURG 1 S									4.85		1.16	5				11		1
GLEN ROCK									3.15		.93	18				9	5	
GOOD SPRINGS 1 NW									2.81		1.10	5				7	4	1
GORDON	68.9	0.5	97	26+	42	10	5		3.56	- .84	1.63	5				8	5	1
GOULDSBORO									3.82	- .59	2.17	6				9	4	1
GRANTVILLE 2 SW									4.44		1.12	5				11	5	1
GRATERFORD									4.58	.42	1.03	4				12	8	1
HANOVER	73.0	- 0.6	99	29	54	10	6		3.71	- .60	.67	19				12	7	
HARRISBURG 3 S WB AIRPORT	73.1	0.5	100	28	54	10	7		3.70	- .34	1.21	3				9	4	1
HARRISBURG NORTH									3.91	- .18	1.26	4				10	5	1
HAWLEY	68.9	0.9	100	26	44	8	5		3.31	- .81	2.43	6				5	3	1
HAWLEY 1 S WALLEN DAM	64.2a		94	28	39	8+	4		3.09		2.27	6				5	2	1
HEWITT 2 S	72.9b		99	27+	50	8+	5		2.44		.98	5				7		
HOLLIDAYSBURG									3.73		1.10	19				8	5	1
HOLLISTERVILLE									3.92	.20	2.02	6				9	3	1
HOLTWOOD	74.7	- 0.4	99	28	59	8	6		4.49	.27	1.23	21				13	6	1
HONESDALE 4 NW									2.79		1.55	6				7	3	1
HONESDALE 6 N TNRS FLS //									2.81		1.37	5				9	2	1
HOP BOTTOM 2 S									2.91		.85	6				8	5	
HUNTINGDON	70.4	- 0.3	100	27+	48	10	6		1.80	- 2.07	.62	6				9	2	
HUNTSDALE									3.39		1.12	4				12	4	1
HYNDMAN									3.77	.08	1.79	20				6	4	1
JACKSON SUMMIT									3.76		2.05	5				8		
JUNIATA HOUSE									2.56		.68	18				8	5	
KARTHAUS									5.17		2.25	20				7	5	2
KIRKWOOD 1 SW									3.90		.92	12				7	7	
KRESGEVILLE 3 W									5.63		3.06	6				8	5	1
LAKEVILLE 1 N									3.17	- 1.06	1.81	6				7	3	1
LANCASTER 2 NE PUMP STA	70.6	- 1.8	92	26+	49	10	5		5.02	.67	1.44	5				11	6	2
LANCASTER 2 NE FILTER PLT									4.60		1.50	5				8	5	2
LANCASTER 3 NE EXP STA	71.8a		98	28	51	8	6		5.31		1.61	4				12	6	1
LANSFORD									3.87	- .87	1.55	6				7		
LANSFORD FOREMANS SHOP									4.19		1.62	6				11	4	2
LAURELTON STATE VILLAGE									2.11		.80	5				6	2	
LAWRENCEVILLE	69.0	0.6	100	26	45	8+	6		3.19	- .61	1.35	5				5	3	2
LEBANON	73.2	1.0	100	28	52	8	6		6.73	2.39	2.65	23				13	5	2
LEBANON 3 SW									4.22		1.38	5				9	5	1
LEHIGHTON									4.46	- .23	1.60	6				9	6	1
LE ROY									2.92		1.09	5				6	3	1
LEWISTOWN	72.5		103	27	44	3	9		1.53		.71	6				7	3	
LOCK HAVEN 2									2.14	- 1.91	1.40	5				8	1	1
LONG POND	67.7		88	27	52	6			5.28		2.30	6				12	5	2
MAPLE GLEN									4.41		1.63	23				11	4	1
MAPLETON DEPOT									2.76		.66	19				10	5	
MARCUS HOOK	77.9	1.3	106	27	61	6	8		5.79	.23	1.34	20				14	9	2
MARTINSBURG									2.03		.67	11				7	2	
MARTINSBURG BLAIR CO AP	68.7		97	28	47	10	5		2.21		.79	5				9	2	
MATAMORAS									3.47	- .40	1.72	6				5	4	1
MAUCH CHUNK 1 SW	68.6b	- 1.3	93	27	42	8	3		6.49	1.71	1.87	22				10	6	3
MC CONNELLSBURG									2.74	- 1.61	.63	12				6	6	
MC CONNELLSTOWN 4 N									2.36		.78	6				9	4	
MEDIX RUN									3.65		1.88	5				7	4	1
MERCERSBURG									2.51		1.01	12				8	4	1

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
MERWINSBURG									5.84		2.67	5				8	6	2
MIDDLETOWN OLMSTED FIELD	73.1	0.3	100	28	54	8+	6		2.78	- 1.56	1.27	5				9	3	1
MILAN									2.66		2.10	5				5		1
MILANVILLE									4.60		2.44	6				8	4	1
MILLVILLE									2.09		1.05	23				10		1
MONROE FURNACE									1.83		1.19	5				6	2	1
MONROETON 2 S									2.99		1.85	6				10	3	1
MONTROSE 3 E HIGHWAY SHED	67.0	0.2	95	27	46	7	4		2.67	- 1.42	1.13	6				6	5	1
MONTROSE									3.31		.90	5				8	5	
MOUNT POCONO 2 N WB AP	65.6	1.6	93	26	46	7+	2		5.57	1.06	2.17	5				12	6	2
MOUNT UNION 1 NW //									1.86		.87	5				7	2	
MYERSTOWN									4.63		1.10	8				8	5	2
NEFFS MILLS 4 NE	68.8		100	28	40	10	6		2.02		.66	5				7	3	
NESHAMINY FALLS									3.37							11		
NEWBURG 3 W	64.4		94	26+	42	10	3		3.01		1.12	3				9	4	1
NEW PARK									3.96	- 1.09	1.35	19				7	4	1
NEWPORT	71.0		102	29	45	10+	9		3.14	- 1.01	1.46	19				9	3	1
NEW TRIPOLI									7.04		2.48	5				7	5	3
NORRISTOWN									5.15		1.14	4				12	10	1
ORWELL 3 N									3.73		2.30	6				9	4	1
PALM									4.03		1.20	6				10	6	1
PALMERTON	71.0	0.4	98	26	49	10	5		7.08	2.97	2.64	5				8	6	4
PARK PLACE 1 NW WB AIRPORT	68.0a		92	27+	50	5+	3		4.30		1.63	20				8	4	2
PAUPACK									3.52	- 1.00	2.50	6				5	3	1
PECKS POND									5.30		2.93	6				6	3	2
PHILA DREXEL INST OF TECH	75.7		101	26	58	8	6		6.00		1.30	20				11	6	3
PHILADELPHIA FRANKLIN INST	76.1i		100	27	60	10	4		6.15		1.30	20				13		2
PHILADELPHIA WB AIRPORT	74.6		100	26	58	8	6		5.95	1.33	1.87	20				10	6	3
PHILADELPHIA POINT BREEZE	75.9		101	27	60	6	7		5.22		1.58	20				12	4	3
PHILADELPHIA SHAWMONT	74.4	0.1	99	28	55	7	8		4.34	- .54	.90	20				13	6	
PHILADELPHIA WB CITY	75.9	1.1	101	26	60	6	6		5.39	.77	1.31	20				11	6	2
PHILLIPSBURG 7 E AIRPORT	63.7		92	26+	34	8	3		2.88		1.90	5				8	2	1
PHOENIXVILLE 1 E PUMP STA			100	26+			10		3.88	1.02	1.00	5				10	5	1
PIKES CREEK									1.78		.50	12				7		
PINE GROVE 1 NE									3.52	- .60	1.49	6				10	6	1
PLEASANT MOUNT 1 W									1.48	- 2.83	.92	6				6	1	
PORT CLINTON	70.3	- 0.9	99	27	47	10	5		5.71	.54	1.88	21				12	4	2
PORTLAND									5.48		2.59	6				6	4	2
POTTSTOWN									5.16	1.31	1.04	4				13	8	1
POTTSVILLE									3.20	- 1.78	1.55	6				7	3	1
POTTSVILLE BRIDGE									3.62		1.57	6				8	5	1
QUAKERTOWN	69.4	- 1.0	97	27	45	8	5		3.87	- .64	.89	12				10	6	
READING WB CITY	73.8	0.9	101	27	54	8	6		5.15	.94	1.66	5				11	8	1
RENOVO									3.24	- .28	1.66	6				8	5	1
RENOVO 6 S STATE CAMP											2.03	5				7	3	1
RETREAT FARMS	70.0		95	26+	46	11	5		2.12		.57	22				10	4	
RINGTOWN 1 SW									3.70		1.60	5				5	5	1
RUSH 6 S									2.46		.94	6				6	3	
SAFE HARBOR									4.52		1.00	4				11	8	1
SAXTON									4.03		1.03	12				8	7	1
SCRANTON WB CITY	70.8	1.0	98	26	49	8+	5		2.14	- 1.55	.81	5				8	4	
SELINSGROVE AIRPORT	70.8	- 0.6	98	28	46	10	5		2.24	- 1.70	.73	5				9	4	
SELLERSVILLE 2 NW									2.29		.50	7				9	5	
SHADE GAP									3.89		1.58	3				8	4	1
SHAMOKIN									4.46	.48	1.21	6				8	5	2

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES				SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
SHIPPENSBURG	73.6	0.5	102	26	50	10	7		2.71	- 1.46	.75	12				9	4	
SOUTH CANAAN 1 E									2.85		1.22	5				8	3	1
SOUTH MOUNTAIN									4.37		1.60	12				12	5	1
SPRING GROVE									3.71		.96	5				10	5	
SPRUCE CREEK									3.17		.83	21				9	5	
STATE COLLEGE	70.6	1.7	98	26	49	10	5		3.25	- .22	1.27	5				9	5	1
STRAUSSTOWN									4.71		1.07	4				12	5	3
STROUDSBURG SUBSTATION	73.9	3.9	102	27	52	8	6		5.72	.86	1.92	6				10	5	3
SUNBURY									2.77	- .98	1.06	6				11	5	1
SUNBURY 2 N AIRPORT	71.8		98	28	51	10+	5		2.67		1.05	18				10	3	1
SUSQUEHANNA									1.53	- 2.15	.51	6				8	2	
TAMAQUA									3.61		1.40	6				5	4	1
TAMAQUA 4 N STILL CREEK									2.84		1.54	6				9	3	1
TAMARACK 2 S FIRE TOWER	66.3		92	27	47	6+	3		3.00		1.35	6				8	4	1
TOWANDA	69.2	0.6	99	26	43	9	6		2.31	- 1.03	1.07	5				8	2	1
TOWER CITY 5 SW									4.31		1.03	22				8	5	1
TUNKHANNOCK 1 S	69.2		101	27	44	10	7		1.65		.96	6				5	3	
TYRONE 4 NE BALD EAGLE									3.77		1.23	5				9	5	2
VIRGINVILLE									6.50		1.94	6				11	6	3
WATROUS 9 S LEE FIRE TOWER									4.34		1.55	6				10	6	1
WATSONTOWN									2.31		.70	19				12	4	
WAYNESBURG 2 W									3.69	- .24	1.64	4				10	3	2
WEBSTER MILLS 3 SW									1.66		.95	11				4	2	
WELLSBORO	67.4	1.0	98	27+	40	8	6		3.22	- .31	1.75	6				9	3	1
WELLSBORO 2 E									3.27		1.99	5				7	3	1
WELLSVILLE	70.9		97	26+	48	10	5		3.63		.96	5				11	6	
WERNERSVILLE									5.41		1.57	5				11	7	2
WEST CHESTER	73.7	1.5	99	27+	54	7	7		4.11	- .62	.94	20				8	6	
WEST GROVE 1 SE											1.10	2				11	5	1
WILKES-BARRE									2.09	- 1.69	.88	6				6	3	
WILLIAMSPORT 4 SE									3.03		1.51	6				6	2	1
WILLIAMSPORT 4 E WB AP	70.6		98	26+	46	8	5		2.32		1.12	5				9	2	1
WILLIAMSPORT									2.35	- 1.62						9		
WILLIAMSTOWN	71.1	0.4	99	26+	45	9	6		2.65	- 1.57	1.00	6				8	3	1
WIND GAP 3 SW									5.78		1.86	5				8	5	2
YORK 3 SW PUMP STATION	73.5	0.8	101	28	51	8	8		4.36	.05	1.10	3				12	6	1
YORK 2 S FILTER PLANT									4.41		1.50	3				10	7	1
YORK HAVEN									3.93	- .08	1.30	4				10	4	1
ZIONSVILLE 1 SW									3.72	- .95	1.45	5				8	5	1
DIVISION	70.9	0.1	106	27	34	8	5		3.71	- .47	3.46	13				9	4	1
OHIO DRAINAGE																		
ACMETONIA LOCK 3 LOWER									4.96	1.11	1.89	5				12	3	2
ALLENS MILLS									3.67		1.48	11				10	3	2
BAKERSTOWN 4 WNW	64.8		98	28	45	8+	2		4.72		1.96	11				6	3	2
BARNES									3.55		.93	6				8	5	
BEAVER FALLS									5.84	2.52	3.05	12				7	4	2
BLAIRSVILLE 6 ENE	68.0		94	27	47	5+	3		3.55	- .44	1.62	5				8	4	1
BOSWELL									2.55		1.03	5				9	4	1
BRADDOCK LOCK NO 2									3.38		1.95	5				7	3	1
BRADFORD CITY HALL									3.38		1.05	6				10	5	1
BRADFORD 4 W RES NO 1	64.6	- 2.0	93	27	37	10	4		3.24	- .10	1.58	5				10	3	1
BROOKVILLE AIRPORT	66.2	0.1	95	28	42	10	4		5.89	2.13	2.51	11				10	4	2
BRUCETON									3.11	- .27	1.59	5				11	4	1
BUCKSTOWN									2.61		.79	18				13	4	

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
BURGETTSTOWN 3 W	67.9		99	28	36	31	6		3.46		2.01	12				8	2	2
BUTLER	70.4	0.4	101	27	44	10	8		6.04	2.19	2.30	12				11	7	2
BUTLER SUBSTATION									6.88		3.27	11				10	6	2
CHARLEROI									3.40		2.70	5				7	2	1
CHARLEROI LOCK 4 LOWER									3.06	- .61	1.90	5				8	3	1
CLARION 3 SW	67.3		97	26+	40	6	5		4.43	.52	1.49	5				8	5	2
CLAYSVILLE	69.8	- 1.5	98	27	48	6	6		5.37	1.49	4.44	5				6	3	1
CONFLUENCE 1 SW	69.0		98	28	46	6	4		2.85		.99	5				9	3	
CONFLUENCE 1 NW									3.55	- .63	.92	5+				10	5	
CONNELLSVILLE									3.41		1.60	5				6	4	1
CONNELLSVILLE 4 N									3.85		1.27	5				9	4	1
CORAOPOLIS DAM 2									3.97	.61	1.95	12				6	2	2
CORRY	67.2	0.2	96	27	40	10	5		2.07	- 1.41	.60	18				10	3	
CREEKSIDE									3.55		1.25	5				7	4	1
CRESSON 1 E SUMMIT									1.98		.88	5				4	3	
CUSTER CITY 2 W SONGBIRD									2.59		1.02	6				8	3	1
DERRY	70.3	1.0	97	27+	47	8+	4		2.66	- 1.56	1.58	5				7	3	1
DONEGAL	65.2		98	27	38	6	3		1.64		1.14	5				8	1	1
DONORA	73.7		100	27+	52	6	6		3.91	.14	2.35	5				8	4	1
DUNLO											1.24	20						1
EBENSBURG	66.6a	- 0.1	95	26	44	6	3		2.17	- 1.87	.78	5				8	3	
ERIE AIRPORT									2.22		1.08	12				9	3	1
FARRELL SHARON	73.8	2.7	91	26	53	6+	4		2.18	- 1.50						6		
FORD CITY 4 S	68.1		97	28	46	6+	4		4.07		1.55	12				8	4	2
FRANKLIN	68.8	0.4	96	29	46	8	5		3.11	- .55	.95	12				9	4	
GIFFORD									2.99		.80	6+				7	5	
GLENCOE									3.39		1.57	3				12	4	1
GLEN HAZEL									3.42		.93	6				8	5	
GLENWILLARD DASHIELDS DAM									4.19		1.88	5				6	2	2
GREENSBORO LOCK 7 LOWER									5.24	1.51	3.50	5				6	3	1
GREENSBURG 2 S FILTER PLT	68.5	- 2.3	98	26+	45	10	5		4.22	.03	2.20	5				8	5	1
GREENSBURG 2 E HWY SHED											1.44	5				8		1
GREENSBURG 3 SE UNITY RES									3.30		2.00	5				6	4	1
GREENVILLE	68.2	- 0.8	96	26+	42	6+	5		3.23	- .34	1.62	11				7	4	1
HOME									2.92		1.64	5				10	3	1
HOOVERSVILLE									2.08		.65	5				13	3	
INDIANA 2 SE	67.8		95	26+	43	6	4		3.30		1.92	5				10	3	1
INDIANA	70.6a	0.7	98	28	43	6	5		3.22	- .82	2.03	5				9	3	1
IRWIN	71.0	0.2	99	27	47	6+	6		2.35	- 1.58	1.26	5				6	3	1
JAMESTOWN 2 NW	67.9		95	27+	41	10	5		3.81	.09	1.40	13				10	5	2
JOHNSTOWN 1	71.2	0.1	101	27	46	6	6		3.05	- 1.34	.77	20				11	5	
JOHNSTOWN 2									2.93		.88	5				10	5	
KANE 1 NW	62.5		92	26+	34	10	4		4.37	.76	1.68	5				13	3	2
KANE 5 SE									4.06		1.51	5				13	3	2
KREGAR 4 SE									3.82		1.77	5				11	5	1
LAFAYETTE MC KEAN PARK									3.95		1.03	6				10	6	1
LATROBE									2.78		1.19	5				8	4	1
LEWIS RUN 3 S									3.01		1.00	6				11	5	1
LINESVILLE 6 NW PENN LINE									5.45		2.31	13				9	5	1
LYCIPPUS 1 E									2.88	- 1.51	1.70	5				9	3	1
MARIENVILLE									2.76		1.42	5				6	3	1
MARION CENTER 2 SE									2.50		1.04	5				7	4	1
MARSHBURG									2.74		.95	5				7	4	
MAYBURG									3.03		1.00	6				6	4	1
MC KEESPORT									3.28	- .50	1.56	5				8	4	1

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT						NO. OF DAYS		PRECIPITATION, IN INCHES							NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED) TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
MEADOW RUN PONDS									3.47		1.34	5				9	4	1
MEADVILLE 1 S	68.0a	0.3	97	27	42	10	5		2.31	- 1.34	.63	12				9	4	
MERCER 5 NE WB AIRPORT	66.9		94	28	43	8	4		3.79		1.14	11				12	4	1
MERCER HIGHWAY SHED									3.45		1.38	11				9	4	1
MEYERSDALE									2.72		1.11	4				8	3	1
MIDLAND DAM NO 7 LOWER	70.6	- 1.6	95	27+	52	6+	4		5.07	1.53	2.43	12				8	4	2
MOSGROVE L 8 LOWER									4.22	.32	1.82	12				7	4	2
MURRYSVILLE									3.87		1.52	5				7	5	2
NATRONA L 4 LOWER									4.52	.87	2.00	12				6	3	2
NEW CASTLE 1 N PUMP STA	69.6	- 0.9	97	26	46	10	6		3.85	.51	1.99	11				10	4	1
NEWELL	73.4	1.5	100	28	50	7	7		3.87	.35	2.40	5				7	4	1
PARKERS LANDING									4.58	.76	1.97	12				7	5	2
PARKERS LANDING 1 E									4.32		1.88	11				12	5	2
PINE GROVE MILLS 1 S									2.23		1.27	5				6	2	1
PITTSBURGH 7 SE WB AIRPORT	72.2		99	27	50	9	6		2.90		1.71	5				10	3	1
PITTSBURGH WB CITY	73.3	0.4	100	27	54	8	6		3.30	.07	.90	11				8	4	
PORT ALLEGANY									2.69		1.09	6				10	4	1
PORT ALLEGANY 3 SW									2.57		1.37	5				5	3	1
PUNXSUTAWNEY 1									3.53	- .83	1.63	12				6	3	1
PUNXSUTAWNEY 2									3.18		1.55	11				5	2	2
PUTNEYVILLE 2 SE	66.8a		95	27+	38	6	5		5.22		3.00	12				7	3	2
REW									2.73		.67	6				8	5	
RICES LANDING L 6 LOWER									3.68		2.08	5				8	4	1
RIDGWAY	67.8a	1.3	98	27+	40	8	6		3.16	- .04	1.02	12				6	4	1
ROCHESTER 1 N									6.00		2.89	11				10	5	2
SAGAMORE 1 SE									3.66		1.34	5				7	4	1
SALTSBURG									3.75	- .31	1.48	5				9	4	2
SCANDIA									2.67		1.38	5				8	3	1
SCHENLEY L 5 LOWER									4.35	.67	2.28	12				8	2	2
SEWARD									2.01		.76	5				10	3	
SHARPSVILLE									2.39		1.05	12				9	3	1
SHEFFIELD 6 W CHERRY GROVE									2.52		1.06	5				11		1
SMETHPORT HIGHWAY SHED									2.14		1.00	5				8	3	1
SOMERSET WATER WORKS	66.0	- 0.9	97	26+	40	23	4		2.09	- 2.40	1.22	5				10	1	1
SOMERSET 2 E SUBSTATION									1.85		1.05	5				4	3	1
SPRINGS 1 SW	65.6	- 0.1	92	27	44	10	3		4.02	- .59	1.18	19				13	6	1
STRONGSTOWN									3.05		1.54	5				9	3	1
STUMP CREEK									3.29		1.41	12				5	3	1
SUTERSVILLE									3.06		1.88	5				9	3	1
TIONESTA 2 SE DAM	67.6		94	28+	45	8+	4		3.28	.28	1.00	12				12	5	1
TITUSVILLE 2 S	65.7		94	26+	40	10	4		2.63		.61	18				10		
TITUSVILLE									2.35		.82	18				9	3	
TUNNELTON //									3.63		1.59	5				8	3	1
UNION CITY 1 W									4.52		1.05	12				11	8	1
UNIONTOWN	71.9	0.0	99	27	51	6	6		4.99	.47	1.69	5				11	7	2
VANDERGRIFT									3.38	.63	1.50	5				5	4	1
VANDERGRIFT 2 W									3.38		1.42	5				6	4	2
WARREN	69.8	2.0	99	28	46	8+	6		2.73	- 1.00	.63	13				8	6	
WASHINGTON									3.12		1.56	5				6	3	2
WAYNESBURG 1 E	70.0		100	27	46	8	8		4.40		2.25	5				9	4	1
WHITESBURG									4.18		1.75	12				6	3	2
YOUNGSVILLE											1.00	18				8	4	1
DIVISION	68.6	- 0.9	101	27+	34	10	5		3.47	- .38	4.44	5				8	4	2

See reference notes following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

PENNSYLVANIA

AUGUST 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
LAKE DRAINAGE																		
ERIE WB CITY	71.4	1.8	92	26+	56	10	3		1.71	- 1.56	.60	18				8	2	
RAYMOND											2.24	5				11	4	1
DIVISION	71.4	1.8	92	26	56	10	3		1.71	- 1.56	2.24	5				10	3	1
STATE	70.1	- 0.2	106	27	34	8+	5		3.62	- .52	3.50	5				9	4	1

See reference notes following Station Index

TABLE 3
DAILY PRECIPITATION

PENNSYLVANIA
AUGUST 1948

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ACMETONIA L 3 LOWER					1.89	.21	.01		.08			1.55	.03					.19	.21	.70	.03									.02	.04	4.96
ALLENS MILLS r					*		*	*	1.21		1.48	.04	.03		.02	.03	.02	.71										.09	.04		T	3.67
ALLENTOWN WB AIRPORT z	.04	T	.28		1.77						.28	.62		T				.84	.01	.45	T	.04										4.33
ALLENTOWN GAS CO	.02	.01		.30	.01	1.87						.66	.07						.64	.07	.37	T	.02								T	4.04
ALTOONA HORSESHOE CURVE					.83				.03		.30	.03	.04					.60	1.10	.49	.59		.03								.03	4.07
ARENDTSVILLE	.31	.02		1.54	.28	.16						1.04							.30	.13		.68	1.70									6.16
AUSTINBURG 2 W r					1.58			.10			.20	.64						.07										.20				2.79
AVOCA WILKES-BARRE AP					.42	.05		T			.04	.23	T					T	.29	.49	.02	.01									T	1.55
BAKERSTOWN 4 WNW	.55				1.87	.11					1.96	.03						.20														4.72
BARNES		.19			.52	.93	.10	T				.55							.74	.15									.37			3.55
BEAR GAP			.16		1.25	.02						.43						.93		.51		.22						.05		.04		3.61
BEAVER FALLS					1.48	.61		.06	T	T		3.05	.08						.36	.20										T		5.84
BEAVERTOWN	-	-	-	-	1.21		.16				.01	.35	.05				.15	*	.14		.13		.77							.03		-
BELLEFONTE ROCKVIEW FARM				.72	.52	.72	T		T			.40	.03						.63	.15		.31	.69	.05	T	T						4.22
BERWICK			.01		.70	.08			.28			.25		T					.45	T	.11	.02								.04		1.94
BETHLEHEM RIVER STATION	.05	.08		.22	T	2.00						.51	.03						.44	.08	.08	T	.07									3.56
BETHLEHEM LEHIGH UNIV z	.13		.19		2.06						.11	.52	T	T				.34	.01	.12		.06								T		3.54
BLAIN r			.38		.57			.03			.19	.58						.23	.04													2.02
BLAIRSVILLE 6 ENE				.02	1.62	.03	.08				.31		T					.67	T	T	.80									T	.02	3.55
BLAKESLEE CORNERS r		.18	.03		2.07							.42						.27	.01	.21	.03	.07										3.29
BLOSERVILLE 1 N	T		1.02		.60		.05		.24		.12								.68		.32									T		3.03
BOSWELL z					1.03	.25		.07	.19			.14							.41		.03									.36	.07	2.55
BRADDOCK LOCK NO 2					1.95	.24		T	.27			.57	.10						.22	.03										T	3.38
BRADFORD CITY HALL		.11			.40	1.05	T		.10			.25	.41				.01		.81	.23			.01									3.38
BRADFORD 4 W RES NO 1		.03			1.58	.13			.10		.05	.57	.24				.03	.33	.18													3.24
BRADFORD 5 S	-	-	-	-	1.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BREEZEWOOD			1.70		.72						.48	.26						.63	.03		.21									.04		4.07
BROOKVILLE AIRPORT	T			.08	1.75		.10	.01	.04		2.51	.07				T		.45										.86		.02	T	5.89
BRUCETON		.13			1.59	.30			.20			.39						.03	.26	.13											.08		3.11
BUCKSTOWN r			.30		.11	.05	.02		.03		.60	.02					.02	.79	.04	.44	.03										.16		2.61
BUFFALO MILLS				2.83	1.19	.13						1.02							.13	.39	.82										.09		6.60
BURGETTSTOWN 3 W					1.07	.02						2.01	.14				.91		.12	.07									.02				3.46
BURNT CABINS 2 NE			2.32		.78						.47	.38						.34	.27		.02										.02		4.60
BUTLER					1.33	.11			.27		.51	2.30	.12				.01	.42	.25	.71											.01		6.04
BUTLER SUBSTATION r			.08	.43	.91	.03	.07	*	.54		3.27	.11						.35	1.09														6.88
CAMP HILL	*	.09		1.23	*	1.15		T	.12	T		.78	T						.62			T	.08								T		4.07
CANTON 1 NW z						1.87						.19	.04						.19	.10	.15	.04	.07										2.65
CARLISLE			.69		.96		.18				.93							.33	.14		T										.07		3.30
CARROLLTOWN					1.47	.45		.02	.06	.02		.51	.07						.70	.51													3.81
CARTER CAMP z					.27	1.20	.04		.43			.75	T						.53			.11	.37										3.70
CEDAR RUN					.17	1.37			.89			.38							.33	.03	.11		.13										3.41
CHADDS FORD	.10	.87	.08	.54	.15	.13						.54	3.46						.58	.29			.44										7.18
CHAMBERSBURG z	.19		.29		.60						.08	1.03						.67	1.81	.20	.06	.16						T	.12		.02		5.23
CHARLEROI r				*	2.70							.05					.29	.21		.09	.04										.02		3.40
CHARLEROI L 4 LOWER					1.90	.37						.03	.01					.20	.38		.16										.01		3.06
CLARION 3 SW z					1.49	.61			.06			1.30	.07					.04	.39		.47												4.43
CLAUSSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20	.30	1.95	-	.80	.02	-	-	-	-	-	-	-	-
CLAYSVILLE					4.44				.32		.28		.20					.11	.02														5.37
CLEARFIELD					.58	.91	T		.07			.69							.28				.12						.08				2.73
COALDALE 2 NW				.10	.01	1.42						.36	.03						.54		.17	.01	.10								.01		2.75
COALPORT z					*	1.55						1.00	.50						.30	.10	T		.56										4.01
COATESVILLE 1 SW z	.44	.46		.30	.08	.55						.36	.56				.05		.73	.02	.45	T	.01	.04									4.05
COATESVILLE	.50	.40		.25	.14	.55						.37	.41				T		.71	.01	.40		T	.04									3.78
COGAN STATION 2 N					.20	.66			.16			.42							.20		.12												1.76
COLUMBIA	.46		2.05	T	T				.03		.50	.27	.02						.54	T		.51									T		4.38
CONFLUENCE 1 SW z					.99	.17			.22			.56	T					.53	.12		.07								.09	.10		2.85
CONFLUENCE 1 NW					.92	.15			.35	T		.92	.05					.53	.39		.04								.07	.13		3.55
CONNELLSVILLE					1.60	.15				.30		.47						.77	T											.12		3.41
CONNELLSVILLE 4 N r				.75	1.27		.01		.10		.70						.82	.08											.03	.09		3.85
CONSHOHOCKEN	.50	.49	.24	.82	.04	.98		.16			.24	.01					.03		.33	.41	.53	.09	.38										5.25
CORAOPOLIS DAM 2					1.56	.07			.06		.21	1.95	.12																				3.97
CORRY		.03			.57		.06	.02			.14	.47	.02				T	.60	.07									.09				2.07
COUDERSPORT					.97	1.86						.31	.52						-	-													-
COVINGTON					.08	2.20						.37	.04						.07	.25													3.01
CREEKSIDE					1.25	.74			.20	.10		.77	.10						.39														3.55
CRESSON 1 E SUMMIT r					.88													.76	.04	.30										.01	T	1.98
CURWENSVILLE 6 NW AP				.01	2.01		.04	.25	T		.77	.02	T					.27	.02	T	T	T								T		3.40
CUSTER CITY 2 W SONGBIRD		.19			.42	1.02			.04			.23	.24				T		.37	.08	T												2.56
DANVILLE					T	.87						.40							.50	.02	.08		.09								.04		2.00
DAUPHIN 3 N	T			.70	.01	1.44			*			.45							.71	T	T	T	.38										3.65
DERRY					1.58		.25				.31	.11					T	.19	.17	T	.05								T				2.66
DINGMANS FERRY z						1.97	.07					.90	.30	.14					.09	T	.59		.09										4.15
DONEGAL				.07	1.14			.07			.13	.03					.07	.07	T									.06	T	T			1.64
DONORA				.31	2.35						.13	.02	.02				.30	.54		.24									T	T			3.91
DOYLESTOWN	.65		.44	.06	.38		.75	.02	.03			.91				T			.06	.70	1.64	.12											5.76
DRIFTWOOD r					1.62						.56	.28						.20															2.66
DU BOIS 7 E z					1.89	.02		.07			.17	.78	.02					.21		.04	T												3.20
DUNLO r					.91	.03	.03	.02	.01		.40				.02			.27	.33	1.24	.19												2.63
DUSHORE r					*	.70					*	*	.80					*	*	*	1.13												3.00
EAGLES MERE z						.65						.89	.30						.88		.22	.06											2.89
EAST WATERFORD 3 E				.45	.01	.90		T		.01		.63							.29	T	.01	T	.01	T				T			.03		2.34
EBENSBURG					.78	.22	.08	.10				.60							.25	.07	.07													2.11
ELIZABETHTOWN	.08	.18		.72	.06	1.30		.04	.06			.52	.14						.55		.02		.69						T	T			4.38
EMPORIUM z					.64	1.30			T			1.14							.42		.17	T											3.67
ENGLISH CENTER r					1.16			*	.40		*	.80				.05		.19	.29														2.89
EPHRATA	.40		.44	.02	1.63	T			.19		.03	.66				.02			.84	.38		.05	.11								T		4.77
EQUINUNK						1.43	.02					.16	.05	.02	.02				.12		.18							.02					2.02
ERIE WB CITY z				.06	.13			.11			.19	.34	T				.11	.60												.17			1.71
ERIE AIRPORT	.02			.17	.15			.19			.28	1.08					.04	.27												.02			2.23
EVERETT z				1.58	.81	.04						.96							.12	.08	.02										.04		3.65
FARRELL SHARON			.08		.44				.03		*	1.19	.44					T															2.31
FORD CITY 4 S z					1.47	.33			.09	T		1.55	.14					.01	.23		.25	T											4.07
FRANKLIN z		.16			.81	.27			.22		.02	.95	.23					.06	.39														3.11
FREDERICKSBVILLE 1 SE	.10	.18	T	1.17	.02	1.33		.43				.89	.01						.45	.26	.06		.77								T		5.67
FREELAND				.09	*	1.10						T							.53	.28	.05		.05	.04									2.14
GALETON					1.95	.08		.20	.10			1.03						.23	.25		T	T											3.84
GETTYSBURG	.58			.83	*	.75		.25				.55							.57		1.17		1.57										6.27
GEORGE SCHOOL	.71		.58	.07	.56		.37	.06	.01			.17							.06	.70													3.25
GETTYSBURG	.45	.02		.30	.87	.23						.58							.81	.64		.34	.28							.05			4.57
GETTYSBURG 1 S r	*		.82		1.16						.07	.56						.91	.61	.02	.10	.40							.20				4.89

See reference notes following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

PENNSYLVANIA
AUGUST 1948

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GIFFORD		.08			.33	.80					.20		.29						.80													2.99
GLENCOE r	.02		1.57		.80			.02	.07		.27	.03						.30	.16	.01	.04							.49			
GLEN HAZEL		.30			.70	.93	T		.03			.90	.02		T				.50						T				.10	3.39
GLEN ROCK r	.57		.47	.05	.61		.02		.15			.31						.93	.04										.04		3.42
GLENWILLARD DASHIELDS DAM					1.88	.14			.07			1.69	.24						.17	T										T	3.15
GOOD SPRINGS 1 NW r			.10		1.10			.30				.50						.57		.20		.04									4.19
GORDON			.12		1.63							.53							.53	.02	.37	.34									2.81
GOULDSBORO						2.17	.04					.41	.05						.22		.44	.08	.38						T	.02		3.56
GRANTVILLE 2 SW	.03		.88		1.12		T		.04		.06	.69				.08		.83	.15	.01		.55								.03	3.82
GRATERFORD	.26	.16	.02	1.03		.94		.34				.29	.31						.28	.12	.19		.64								T	4.44
GREENSBORO L 7 LOWER	T				3.50	.14			.12			.35	.23																		4.58
GREENSBURG 2 S FLTR STA					2.20		T		.38		.09	.50	T				.29	.15										T	.90	5.24
GREENSBURG 2 E HWY SHED r				.35	1.44	.06	-	-	-		.74						.07	.08										.45	T	.16	4.22
GREENSBURG 3 SE UNITY RES					2.00			.10	.30				.45															.04	.15		-
GREENVILLE		.06		T	.44			.05			1.62	.60	.03					.43	T									.34	.11		3.30
HANOVER	.10	.41		.64	.27	.27		T		.57		.40	.20						.67	.06	.07		.05							T		3.23
HARRISBURG 3 S WB AP z	.08		1.21		.73		T	.12	.05		.05	.67				T		.74	.05	T	T	T								T	3.71
HARRISBURG NORTH	.02			1.26	.47	.67			.17	.01		.75	T						.48		.01		.07								T	3.70
HAWLEY						2.43						.34	.08						.08		.38											3.91
HAWLEY 1 S WALLEN DAM z						2.27						.18	.23						.06		.35											3.31
HEWITT 2 S z			.04		.98					T	*	.48					.61		.27	.06												3.09
HOLLIDAYSBURG r					.70						.52							.22	1.10	.58	.02	.53								T	2.44
HOLLISTERVILLE						2.02	.01			T		.21	.19		T				.90	.10	.40	.01	.08								.06	3.73
HOLTWOOD z	.38	.42		.07	.59	.61		.07	T	.06		.23	.02						.68	.05	1.23	T	.08									3.92
HOME				.10	1.64	.01		.08	.02		.40					.03		.56	.01	.07												4.49
HONESDALE 4 NW						1.55	T					.39	.20						.15	T	.24		.01						.25			2.92
HONESDALE 6 N TNRS FLS r					1.37	.10					.09	.69						.11	.05	.15	.04							.21				2.79
HOOVERSVILLE				.05	.65	.19	.05		.06			.13						.04	.05	.02	.46	.06								.06	.26	2.81
HOP BOTTOM 2 S						.85						.47	.57		.92				.22	.48			.02					.28				2.08
HUNTINGDON					.20	.62	.08	.02				.61	.09						.08		.05	T								.05		2.91
HUNTSDALE z	T	.09		1.12	.16	.43		.08	.02	.16		.64							.42	.17	T		.02							.08	T	1.80
HYNDMAN			.60	.18	.68	T						.48							T	1.79	T											3.39
INDIANA 2 SE z					1.92		.23	.02	.05		.18	.39	.01					.45		.03										.04	.02	3.77
INDIANA					2.03	.01		.05			.21	.58	.02					.28	.01											.02	.03	3.30
IRWIN					1.26		T	T			.34	.60	.06				T	T			.07								T	T	.02	3.22
JACKSON SUMMIT r					2.05	.05					*	1.07		.03				.04			.25	.27										2.35
JAMESTOWN 2 NW z		.15			.34				.01		.01	1.25	1.40	.01				.34	.28	.02		T				T						3.76
JOHNSTOWN 1					.66	.19	.01	.01				.61	.09	T					.31	.77	.34	.01										3.81
JOHNSTOWN 2 r				.02	.88						.50	.09	.01					.30	.72	.33		.03								.05	.02	3.05
JUNIATA HOUSE			.40		.53		.36		.06			.45						.68												.05	.02	2.93
KANE 1 NW	.14	.02		.01	1.68		T	.21			.26	.11	.12			1.27		.20	.05	.14	T							.04		.04		2.56
KANE 5 SE z	.12			.02	1.51			.14			.30	.05	.10		.06	1.22		.20	.05	.14								.16		T		4.37
KARTHAUS					.40	1.34	T		T			.62							.33	2.25	.18							.15				4.06
KIRKWOOD 1 SW	.50		.30		.67							.92						.74		.35		.42						.05		T		5.17
KREGAR 4 SE				.10	1.77			.11			.26	.12	T				.06	.25	.16	.54								.41		.04		3.90
KRESGEVILLE 3 W	T			.04		3.06						.89	T		T				.53		.34	.05	.70							.02		3.82
LAFAYETTE MC KEAN PARK		.12			.40	1.03			.11			.30	.13				.12		.90	.41								.43				5.63
LAKEVILLE 1 N						1.81						.45	.04	T					.12		.71	.01	.03								T	3.95
LAMPETER SCS 1 A r	.18		1.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.17
LANCASTER 2 NE PUMP STA	.52		1.30		1.44	.01			T		.11	.43	.05						.82	.31		.02	.01									-
LANCASTER 2 NE FLTR PLT r	.51		1.46		1.50						.10	.60							.03	.37		.03										5.02
LANCASTER 3 NE EXP FARM	.38	.10	T	1.61	.83	.46						.71	.08						.88	.01	.19		.05										4.60
LANSFORD				.10	.04	1.55	T		T			.35					.01		.60		*		1.23								T	5.31
LANSFORD FOREMANS SHOP				.12	.02	1.62	.02					.35	.02		.01				.60		.17		1.25								.01	3.87
LATROBE					1.19	.32		.11	.04			.25	.02				T		.18	.67									T			4.19
LAURELTON STATE VILLAGE r					.80						.12	.19						.77				.18								.05		2.78
LAWRENCEVILLE		.03			1.35	.56		T				1.20						.05														2.11
LEBANON	.06	.04		.80	.09	1.41			.10			.62							.85	.03	.05	.01	2.65	.02							T	3.19
LEBANON 3 SW r	.08		.56		1.38			.15			.04	.56						.50		.02		.93									6.73
LECONTES MILLS 5 NW					.42	1.36	T		.03			.77							.31	.06			.03					-	-	-	-	4.22
LEHIGHTON z				.10	.44	1.60						.55							.52	.05	.62	T	.53								.05	-
LE ROY					1.09	.75											T		.24	.10	.50	.24										4.46
LEWIS RUN 3 S		.10	T		.33	1.00	T	T	.02	T		.31	.15	T			.08		.52	.40	T	.02	T	T	T	T			.08			2.92
LEWISTOWN z					.01	.71			.03			.37							.32				.06									3.01
LINESVILLE 6 NW PENN LINE		.01			.64	T	.01				.16	.72	2.31					.74	.84											.03		1.53
LOCK HAVEN 2 r					1.40						.23	.14						.20		*	*	*	.17							.02		5.45
LONG POND				.03	.10	2.30	.08		.01			.44	.01						.30	.01	.56		1.40								.04		2.14
LYCIPPUS 1 E					1.70				.24		.07	.14	.02				T	.13	.27									.26	T	.05		5.28
MAPLE GLEN	.85	.02	.10	.53	.05	.17		.13				.15							.12	.66			1.63										2.88
MAPLETON DEPOT				.22	.31	.57	.06	.05				.36							.66		.35								.09	.09		4.41
MARCUS HOOK	.39	1.05	.01	.86	.28	.44		T				.18	.02				.12		.52	1.34	.27		.03	.28								2.76
MARIENVILLE r	.15	.03		.16	1.42						.72							.28														6.79
MARION CENTER 2 SE					1.04	.56			.09			.48	.03						.28		.02											2.76
MARSHBURG					.95	.70			.03			.38	T				T	.13	.38	.17													2.50
MARTINSBURG r			.16		.66						.67							.20	.12	.12										.10		2.74
MARTINSBURG BLAIR CO AP			.20		.79	T	T				.69	T						.18	.07	.16	.02	.01							T		.09		2.03
MATAMORAS						1.72						.64	.41						.07	.16	.02	.01											2.21
MAUCH CHUNK 1 SW			.10		1.00	.75						.81						T	.66	1.19	.05	1.87	.18								.09		3.47
MAYBURG		.15			.55	1.00						.80	.03						.50		.05	.01									.05		6.49
MC CONNELLSBURG	T	T		.29	.50	T						.63							.60	.45		.27											3.03
MC CONNELLSTOWN 4 NW					.28	.78		.01				.45	T						.17	.01	.58	.01											2.74
MC KEESPORT					1.56	.36			.09			.42	.10					.14	.13			.48									.07		2.36
MEADOW RUN PONDS					1.34	.01					.01	.33						.94	.03	.16	.07	.58								T			3.28
MEADVILLE 1 S z		.10			.35	.02	T		.20			.63	.46					.31	.03	.21		T											3.47
MEDIX RUN r					1.88						.83	.25						.35			.10	.18						.06					2.31
MERCER 5 NE WB AIRPORT	.14			.23	.34			.22	.03		1.14	.93	T					.28	.20			.06						.21		.01			3.65
MERCER HIGHWAY SHED r	.11			.30	.19			.28	.01		1.38	.90				.05		.23														3.79
MERCERSBURG	.32			.02	.37							1.01	.19						.41	.12	.07												3.45
MERWINSBURG r			.06		2.67						.29	1.17						.43	.03	.46		.73											2.51
MEYERSDALE				1.11	.70	.18			.04			.15							.30		.16									.08		5.84
MIDDLETOWN OLMSTED FLD	.07		.75		1.27		T	.14	.01		T	.10						.37	.02	T		.05								T		2.72
MIDLAND DAM NO 7 LOWER					1.48	.27		T	.07			2.43	.23					.03	.22	.34										T		2.78
MILAN r					2.10	.09					*	.37						.10														5.07
MILANVILLE						2.44	.02					.41	.74						.07		.81		.09					.02					2.66
MILLERSBURG 2 E r					.86							.32						-	-	-		.40											4.60
MILLVILLE r					.50						*	*						*	*	*	.46		1.05		.07	.01						-
MONROE FURNACE r					1.19						.38	.06						.13				.02											2.09
MONROETON 2 S					T	1.85	.04		T			.17	.31	.01	T				.31		.13	.04	.12					.01			.05		1.83
MONTROSE 3 E HWY SHED						1.13						.28	.41						.39		.37		.09										2.99
MONTROSE r					.90	.02						.41	.20	.08				.42		.70		.58											2.67
																																3.31

See reference notes following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

PENNSYLVANIA
AUGUST 1948

STATION	DAY OF MONTH																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MOSGROVE L 8 LOWER					1.05	.35	.05		.19			1.88	T						.09	T	.67									T	4.22
MOUNT POCONO 2 N WB AP z		.36	.01		2.17	.03					.05	.47						.20	.04	1.35	.53	.33								.03	5.57
MOUNT UNION 1 NW // r			.16		.87	.10	.07				.16							.40										.10				1.86
MURRYSVILLE r				.28	1.52		.10	.04			.40							.44	1.09													3.87
MYERSTOWN				.70	T	1.09		1.10				.62							.92		.06	.08	.06									4.63
NATRONA L 4 LOWER					1.70	.24		.20				2.00							.33	T	.05									T		4.52
NEFFS MILLS 4 NE z					.66	.24						.38	.05							.13	T	.53									.03	2.02
NESHAMINY FALLS	*	.80	.55	.08	.32		*	.26				.46							.09	.40		.41										3.37
NEWBURG 3 W			1.12		.04		.01		.19		.30	.78						.52	.03		.02						T			T	3.01
NEW CASTLE 1 N PUMP STAz	.04	.11		.34	.74				.17		1.99	.03						.40	.01			.02							T	T	3.85
NEWELL					2.40	.27				.09		.53	.10					.20	.28													3.87
NEW PARK	.95		.23	.10	.79							.40							1.35		.14											3.96
NEWPORT				.11		.88		.04	.04			.48							1.46	T	.01		.10								.02	3.14
NEW TRIPOLI	T		.17		2.48						.08	.66							.97	1.53	T	1.15										7.04
NORRISTOWN	.45	.50	T	1.14	.05	.91		.28				.31					T		.26	.35	.29	.08	.53									5.15
ORWELL 3 N					T	2.30	.05		.05			.36	.02	.01					.47		.26		.21									3.73
PALM	.30	.12		.31		1.20						.62	.12						.24	.32	.22		.58									4.03
PALMERTON z	T		.09		2.64						.33	1.02		T				.58	.01	1.20		1.21								T	7.08
PARKERS LANDING		.04			1.23	.60			.28			1.97	.10						.36												4.58
PARKERS LANDING 1 E r				.48	1.12			.25			1.88	.03		.04	.02		.02	.40		.01	.03							.04				4.32
PARK PLACE 1 NW WB AP			.11		1.26	.01		T				.51						.63		1.63	T	.10						T			.05	4.30
PAUPACK						2.50						.47	.10						.05		.40											3.62
PECKS POND		T				2.93	T					1.79							.09	.07	.36	T	.06									5.30
PHIL DREXEL INST OF TECH	1.05		.94	.09	1.10		.03				.03	.41						.16		1.30		.77								.12	6.00
PHILA FRANKLIN INST	*	.82	.30	.82	.21	.75		.02				.25	.38						.24	1.30	.03		1.03									6.15
PHILADELPHIA WB AIRPORTz	1.25		1.11	.26	.81						.05	.20						.35		1.87		.04	.01							.10	5.95
PHILADELPHIA PT BREEZE z	1.09		1.12	.21	.60		.11				.02	.12						.18	.07	1.58		.02	T								5.22
PHILADELPHIA SHAWMONT	.80	.03	.42	.60	.36			.20				.10				.03			.20	.90	.10	.03	.57									4.34
PHILADELPHIA WB CITY z	1.21		.99	.20	.28		.16				.02	.35						.20		1.31		.60								.07	5.38
PHILLIPSBURG 7 E AP z			T	T	1.90	T	T	.07			.56	.11						.12	.02		.09								T	.01	2.88
PHOENIXVILLE 1 E PUMP z	.88	T	.73	.02	1.00		.37	T			.02	.15						.18		.09		.44								T	3.88
PIKES CREEK r					*	.37					.18	.50						.28		.20		.25									1.78
PINE GROVE 1 NE		.06		.25	.04	1.49		.10	.04			.52							.45		.29		.28								T	3.52
PINE GROVE MILLS 1 S r					1.27						.47	.17						.24				.03								.05	2.23
PITTSBURGH 7 SE WB AP z				.30	1.71		T	.16			.36	.08					.03	.09	.03		.06							.08				2.90
PITTSBURGH WB CITY z				.88	.78			.09			.90	.13					.17	.26	.09													3.30
PLEASANT MOUNT 1 W z						.92						.16	.09						.14		.11		.06									1.48
PORT ALLEGANY		.03			.34	1.09	.02		.02			.72	.07	.01					.29	.10												2.69
PORT ALLEGANY 3 SW		.05			1.37	T						.76							.32	.07		T										2.57
PORT CLINTON z	.03	.03		.16	.12	1.56		.06				.82	.06				.02		.94		1.88		.03									5.71
PORTLAND				.03		2.59						1.70							.43	.13	.60											5.48
POTTSTOWN	.34	.06	.02	1.04	.19	.55		.04				.61	.61						.84	.35	.14		.37									5.16
POTTSVILLE				.15	T	1.55						.45					.14		.63	.10	.18											3.20
POTTSVILLE BRIDGE				.09	.03	1.57						.43					.04		.73	.43	.30		T							T	3.62
PUNXSUTAWNEY 1					.90	.72			.07			1.63	.07						.14													3.53
PUNXSUTAWNEY 2 r				.10	1.42						1.55	.01						.10														3.18
PUTNEYVILLE 2 SE z					1.32	.50			.13			3.00	.11						.15	.01												5.22
QUAKERTOWN	.38		.61	.52	.04		.08					.89							.53	.79	.02	.01										3.87
RAYMOND r					2.24	.02		.58			.30	.99					.02	.12	.12	.02	.02							-				-
READING WB CITY z	.27		.68	T	1.66		.27	.01			.01	.70						.56	.01	.63		.35	T							T	5.15
RENOVO					.33	1.66						.29							.38	.04	.07		.42							.05		3.24
RENOVO 6 S STATE CAMP r					2.03					.30		.08						.20		.02	.06	.38						-	-			-
RETREAT FARMS					.55	.02		.10	.01	T	T	.30							.40	.01	.15	.57								.01		2.12
REW		.18			.38	.67			.05			.40	.46						.57	.02												2.73
RICES LANDING L 6 LOWER					2.08	.30			.10			.18	.45						.05		.09									.43		3.68
RIDGWAY z		T			.56	.76	.02					1.02		T				T	.70									.10				3.16
RINGTOWN 1 SW					1.60							.40						.40		.70	.60											3.70
ROCHESTER 1 N r				.71	1.30		.15		.02	.03	2.89	.09						.49	.30		.02											6.00
RUSH 6 S						.94						.62	.24						.33		.20		.13									2.46
SAFE HARBOR	.34	.20		1.00	.45	.40			.02			.38	.02						.59		.54		.58									4.52
SAGAMORE 1 SE					1.34	.85	.02		.14	.02		.98							.31													3.66
SALTSBURG					1.48	.56		.04	.11			1.01	T	T					.26	.06										.21	.02	3.75
SAXTON z				.63	.38	.50		.01			.39	1.03							.45	.25	.62										.17	4.03
SCANDIA r	.05				1.38			.01				.52	.03					.20	.09												T	2.67
SCHENLEY L 5 LOWER					1.57	.21		.02	.04	T		2.28							.18	.01	.04											4.35
SCRANTON WB CITY r					.81	.02					.07	.42	.01					.31		.45	.05											2.14
SELINSGROVE AIRPORT			.19		.73	T		T			.02	.25							.36	.39	T	.14						.11			.05	2.24
SELLERSVILLE 2 NW r			.46		.38		.50		.33			.25						.10		.10	.05	.12										2.29
SEWARD					.76	.38	.04	.06				.26							.22	.04	.08	.15									.02	2.01
SHADE GAP r			1.58		.78						.85	.09						.48	.03									.03	.05			3.89
SHAWOKIN				.14		1.21							.41						.97	1.12	.17		.42								.02	4.46
SHARPSVILLE		.08			.42				.05		.02	1.05	.40					.22	.10												.05	2.39
SHEFFIELD 6 W CHRY GRV r	.28			.07	1.06	.02	.11				.32	.03	.07				.17	*	.39													2.52
SHIPPENSBURG	.05		.15	T	.50	T	T		T		.32	.75							.69	.15	T	.09								T	.01	4.37
SMETHPORT HIGHWAY SHED r				.01	1.00						.16	.21						.34	.25			.15	.02									2.71
SOMERSET WATER WORKS					1.22				.03		.19	.09					.02	.23	T	.01	.07								.06		.17	2.14
SOMERSET 2 E SUBSTATION					1.05	.10						.30							.40													2.09
SOUTH CANAAN 1 E r					1.22	.03					.37	.69						.23	.06	.05	.20											1.85
SOUTH MOUNTAIN	.49	.09		.16	.09	.87						1.60							.43	.35	.01	.12	.11								.05	4.37
SPRING GROVE z	.45		.57	T	.96			.21		.12		.34	.22						.65	.16		.03									T	3.71
SPRINGS 1 SW			.47		.60				.31		.22	.09					.16	.31	1.18	.35	.12								.04	.09	.08	4.02
SPRUCE CREEK				.07	.38	.79	.03		T			T	.50						.40	.12	.83									T	.02	3.17
STATE COLLEGE z			.39	T	1.27	.01	T	T			.39	.12						.63	T	T	.08	.34										.05	3.25
STRAUSSTOWN	.01	.02		1.07	.05	1.06		.18				.48	.02						1.06	.01	.70		.05									4.71
STRONGSTOWN r				.02	1.54	.05	.04				.54							.15	.10	.48	.13											3.05
STROUDSBURG SUBSTATION			.02	.05	T	1.92						1.59	.09						.29	1.10	.54		.11								.01	5.72
STROUDSBURG r	-		.04		1.82					.02	.28	1.20						-	-	-	-	-	-									-
STUMP CREEK					.79	.91						1.41	.08						.10													3.29
SUNBURY z			.02	.16		1.06		.03				.28							.29		.15	.40	.04						.25		.09	2.77
SUNBURY 2 N AIRPORT		.04	.12	T	.74	T		.02			T	.37		T				1.05		.10	T	.15						.03			.05	2.67
SUSQUEHANNA						.51						.46	.11	.03	T				.06		.16		.03						.17			1.53
SUTERSVILLE					1.88	.30			.30			.23	.05					.11	.10		.05									.04	T	3.06
TAMAQUA					.19	1.40						.39							.64		.99											3.61
TAMAQUA 4 N STL CRK DAM z				.09	.01	1.54	T					.27	.01			T			.56		.10		.22								.04	2.84
TAMARACK 2 S FIRE TOWER					.30	1.35	T					.67					.20		.29		.12	.01	.06							T		3.00
TIONESTA 2 SE DAM z		.08			.62	.56	.02	.01	.07			1.00	.05					.16	.33	.09	.29							.23				3.28
TITUSVILLE 2 S	*	.31		.18	.54			.10			.47	.14					.05	.61										.16				2.63
TITUSVILLE r	.22			.10	.48			.02		.05	.45						.05	.82														2.35
TOWANDA z					1.07	.43			.01			.24	T	.01			T	.24	.19		.12	T										2.31
TOWER CITY 5 SW			.17	.97			.55					.53							.78	.12	.16	1.03										4.31

See reference notes following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

PENNSYLVANIA
AUGUST 1948

STATION	DAY OF MONTH																													TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
TUNKHANNOCK 1 S z						.96						.33	.01						.28		.07											1.65
TUNNELTON // r				.12	1.59			.11			.92							.73	.03									.10		.93	3.63
TYRONE 4 NE BALD EAGLE r			.05	.02	1.23						.58	.40						.38	.06	1.02	.03										3.77
UNION CITY 1 W r				.14	.29	.19	.27	.33			.70	1.05						.82	.28												3.77
UNIONTOWN				1.30	1.69		T		.52		.41	.04	.30				.31	.05			T							.10	.35		4.52
																												.28	.03	.06	4.99
VANDERGRIFT					1.50	.44		.09				.80							.55												
VANDERGRIFT 2 W r				.39	1.42		.18				1.08							.29		.10											3.38
VIRGINVILLE	.01	.03		1.51	.35	1.94						.89	.02						1.13	.02	.44		.16								3.46
WARREN		.16			.35	.60	.03		T			.31	.63						.27	.38											6.50
WASHINGTON r	.07			1.02	1.56						.10	.26						.11										T			2.73
																															3.12
WATROUS 9 S LEE FIRE TWR					.28	1.55	.02		.45			.75	.01						.42	.04		*	.82								
WATSONTOWN					.46	.09	T	T	.04		.02	.25	.14					.29	.70	.19	.10	.01								.02	4.34
WAYNESBURG 2 W r	.01			1.64	1.01			.13	.02		.09	.48						.05												2.31
WAYNESBURG 1 E					2.25	.16		.09	.33			.12	.74				T		.08									.03	.23		3.69
WEBSTER MILLS 3 SW r					.15						.95	.21						.35											.15	.48	4.40
																															1.66
WELLSBORO					.35	1.75			.17			.53	.05						.15	.20		.01	.01								
WELLSBORO 2 E r					1.99	.02		.07			.11	.34						.16	.58												3.22
WELLSVILLE	.26		.34		.96		.04		.12		.10	.56	.62						.53	.03	.07	T									3.27
WERNERSVILLE	.20		.48		1.57		.35		.01		.04	.75					.02		1.08	.55	T	.36									3.63
WEST CHESTER	.84		.78	.11	.56						.06	.48								.94		.34								T	5.41
																															4.11
WEST GROVE 1 SE		1.10		.38	.20	.42		.06				.13	-				.26		T	.96	.06		.23	.08							-
WHITESBURG					1.70	.45	.08		.12			1.75	.08	T																	
WILKES-BARRE						.88			T			.20	T						.41		.10	.02	.48								4.18
WILLIAMSPORT 4 SE						1.51			.05			.19	T						.97		.15		.16							T	2.09
WILLIAMSPORT 4 E WB AP					1.12	.02		T	.01		.04	.15	.08	T				.78		.09	.03	T	T							T	3.03
																															2.32
WILLIAMSPORT r					*	1.24		*	.05			.09	.08						.72		.15									
WILLIAMSTOWN				.10		1.00		.13	.14			.43							.53		.24		.38							.02	2.35
WIND GAP 3 SW r			.06		1.86						.74	1.38																			2.65
YORK 3 SW PUMP STATION	.64		1.10	.02	.54			.54	.06		.03	.49	.02					.63	.02	.93		.16									5.78
YORK 2 S FILTER PLANT r	.50		1.50	.02	.54		.39		.35		.05	.35							.87	.04		.21									4.36
																		.60				.11									4.41
YORK HAVEN	.08	.13		1.30	.01	.92			.07			.41	.18						.74	T											
YOUNGSVILLE r	-	-		.03	.72		.02				.28	.62					.02	1.00					.09	T							3.93
ZIONSVILLE 1 SW	.45		.42	1.45		.15					.70							.15	.10		.30								.06		-
																															3.72

See reference notes following Station Index

TABLE 4

HOURLY PRECIPITATION

PENNSYLVANIA

AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
ALBION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALLENTOWN WB AIRPORT									.01	.02	.01														.04
BETHLEHEM LEHIGH UNIV				.01	.03	.01				.08															.13
CHAMBERSBURG	.01			.05	.02	.03	.05	.02																	.18
COATESVILLE 1 SW		.09	.14	.01	.09	.04	.06	.04	.16	.14	.01	.01	.01	.03											.83
ERIE AIRPORT 6															*	*	*	*	*	.02					
FRANKLIN																	*	*	*	*	*	*	.08	.02	.10
GETTYSBURG 1 S		.04	.06	.10		*	*	*	*	*	*	*	*	*											*
GLENCOE																						.01	.01		.02
GLEN ROCK		.02	.05	.09	.06	.02	.06	.04	.10	.09	.01			.03											.57
HARRISBURG 3 S WB AIRPORT						.05		.02	.01																.08
HEWITT 2 S					.02	.05																			.07
HOLTWOOD			.04	.08	.03	.13	.04	.03	.04	.13	.14	.02		.01	.03										.72
HUNTSDALE		*	*	*	*	*	*	*	*	*	*	*	*	.36											.36
INDIANA 2 SE	.01		.02					.01			.01														.05
KANE 5 SE																				.07	.03	.01	.01		.12
KIRKWOOD 1 SW								.02	.18	.18	.02	.02	.04	.02	.02										.50
LAMPETER SCS 1 A								.02		.08	.07	.01													.18
LANCASTER 2 NE FILTER PLANT		.03	.13	.07	.03	.01	.01	.01	.11	.11															.51
LEBANON 3 SW								.08											.07				.01	.07	.08
MARIENVILLE																		.03	.04		.03				.15
MEADVILLE 1 S															*	*	*	*	*	.04	*	*	*	*	.10
MERCER 5 NE WB AIRPORT 6																		.01	.02	.02	.05	.01			.11
MERCER HIGHWAY SHED																							.05		.05
NEW CASTLE 1 N			.01	.04	.16	.07	.03	.10	.10	.23	.23	.04	.05	.05	.05	.05	.03	.01							1.25
PHILADELPHIA WB AIRPORT			.01	.03	.07	.12	.04	.03	.08	.09	.12	.22	.05	.03	.04	.06	.08	.02							1.09
PHILADELPHIA POINT BREEZE			.04	.07	.18	.06	.04	.10	.09	.18	.21	.04	.03	.04	.05	.05	.03								1.21
PHILADELPHIA WB CITY	.05	.02	.06	.30	.04	.06	.06	.03	.07	.16	.16														1.01
PHOENIXVILLE 1 E PUMP STATION			.03	.03	.06	.01			.11	.02		.01							.05						.27
READING WB CITY																			.10		.10	.08			.05
SCANDIA																									.28
SHEFFIELD 6 W CHERRY GROVE																		.10		.12					.41
SPRING GROVE	.02	.04	.05	.10		.01	.01	.13	.05																.22
TITUSVILLE																.07									.07
WASHINGTON																									.01
WAYNESBURG 2 W	.01																								.50
YORK 2 S FILTER PLANT		.08	.03	.09	.02	.01	.02	.07	.10	.07		.01													
YOUNGSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—2d—																									
BLAKESLEE CORNERS																			.18						.18
JAMESTOWN 2 NW	*	*	*	*	*	*	.15																		.15
MARIENVILLE	.03																								.03
MOUNT POCONO 2 N WB AIRPORT //																				.36					.36
SUNBURY AIRPORT 2 N 6																					*	*	*	.04	
—3d—																									
ALLENTOWN WB AIRPORT														.04	.18	.06									.28
BETHLEHEM LEHIGH UNIV															.09	.09	.01								.19
BLAIN											.08	.16	.14												.38
BLAKESLEE CORNERS														.02	.01										.03
BUCKSTOWN								.10		.20															.30
BUTLER SUBSTATION												.20	.06				.01	.01		.01	.02	.02		.01	.08
CHAMBERSBURG														.10	.10										.26
COATESVILLE 1 SW									.70	.48	.12														.20
EVERETT								*	*	*	*	*	*	.62											1.30
GETTYSBURG 1 S						.10	.19	.41	.19	.59	.09														.82
GLENCOE												.15	.15	.04	.12	.01									.47
GLEN ROCK													.03	.05											.10
GOOD SPRINGS 1 NW					.01		.01					.43	.76		.01	.01									1.21
HARRISBURG 3 S WB AIRPORT										.03						.01	.03	.01	.02						.03
HEWITT 2 S												.82	.05	.25											.07
HOLTWOOD															.18	.02	.01	.03	.02	.04					1.12
HUNTSDALE													*	*	*	*	*	*	*	1.30					.30
KIRKWOOD 1 SW							*	*	*	*	*	*	.24	1.10	.09	.03									1.30
LAMPETER SCS 1 A													.38	.02											1.46
LANCASTER 2 NE FILTER PLANT												.16		.05	.06										.56
LEBANON 3 SW																									.11
LEHIGHTON											.03	.13	*	.20											.16
MARTINSBURG									*	*	*	*			.06										.06
MARTINSBURG BLAIR CO AIRPORT 6															.01										.01
MERWINSBURG																									.16
MOUNT POCONO 2 N WB AIRPORT //									.02	.08	.03	.03			.08	.01									.09
MOUNT UNION 1 NW //															*	*	*	*	*	.11					
PALMERTON														.06	.48		.39	.05	.09						1.11
PARK PLACE 1 NW WB AIRPORT 6					.04									.06	.15	.18	.22	.12	.11	.10	.09	.06	.02		1.12
PHILADELPHIA WB AIRPORT						.01								.04	.36	.21	.09	.02	.08	.01	.16				.99
PHILADELPHIA POINT BREEZE					.02										.15	.50	.20		.01	.01	.01	.01	.01		.90
PHILADELPHIA WB CITY														.15	.05										.20
PHOENIXVILLE 1 E PUMP STATION													.27	.01	.35	.05									.68
PORT CLINTON																									.61
READING WB CITY								.01	.09	.08	.20	.23			.05	.20	.06								.46
SAXTON						.15																			1.58
SELLERSVILLE 2 NW										.78	.44	.24	.12												.54
SHADE GAP														.09	.40	.05									.39
SPRING GROVE																							.37	.02	.04
STATE COLLEGE															.04										.18
STROUDSBURG															.01										
SUNBURY												.16	.01		.01										.11
SUNBURY AIRPORT 2 N 6									*	*	*	*	*	.12											.05
TAMAQUA 4 N STILL CREEK DAM														.09	.02									.05	.06
TYRONE 4 NE BALD EAGLE															.03	.03									1.50
WIND GAP 3 SW											.02	.58	.66	.24											
YORK 2 S FILTER PLANT																									
—4th—																									
BLAIRSVILLE 6 ENE 6																					*	*	*	.02	
BOSWELL																								.10	.10
BROOKVILLE AIRPORT 6																					*	*	*	.08	

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BUTLER SUBSTATION				.01																	.02	.10	.10	.20	.43
CHARLEROI																							*	*	*
CLARION 3 SW																						.08	.29	.19	.56
CONFLUENCE 1 SW																				.03	.01	.04	.05	.03	.16
CONNELLSVILLE 4 N																	.20		.01		.09	.10	.20	.15	.75
CURWENSVILLE 6 NW AIRPORT 6																					*	*	*	.01	
DU BOIS 7 E																								.10	.10
ERIE WB CITY																						.02	.01	.03	.06
ERIE AIRPORT 6																					*	*	*	*	
FORD CITY 4 S //																						.02	.27	.11	.40
FRANKLIN																						.10	.10	.10	.30
GLEN ROCK																.04	.01								.05
GREENSBURG 2 E HIGHWAY SHED																						.03	.13	.19	.35
HAWLEY 1 S WALLEN DAM							.04	.01												.01		.01			.07
HOLTWOOD											.02	.01		.01	.02										.06
HOME																							.02	.08	.10
INDIANA 2 SE																							.08	.05	.13
JAMESTOWN 2 NW																.01	.01	.02	.02	.01	.01	.07	.02	.01	.18
JOHNSTOWN 2																								.02	.02
KANE 5 SE																								.02	.02
MARIENVILLE																						.01	.03	.12	.16
MEADVILLE 1 S																			.02	.01	.01	.04	.06	.02	.16
MERCER 5 NE WB AIRPORT 6																					*	*	*	.23	
MERCER HIGHWAY SHED																				.01	.09	.10	.05	.05	.30
MURRYSVILLE																						.06	.09	.13	.28
NEW CASTLE 1 N																				.01	.10	.20	.13	.16	.60
PARKERS LANDING 1 E																						.11	.19	.18	.48
PHILADELPHIA WB AIRPORT						.01	.02		.01	.02	.03	.04	.04	.03	.04	.02									.26
PHILADELPHIA POINT BREEZE										.01	.01	.03	.02	.05	.03	.04	.02								.21
PHILADELPHIA WB CITY									.03		.03	.03	.03	.03	.04	.01									.20
PHILLIPSBURG 7 E AIRPORT																			.01			.01		.01	.03
PITTSBURGH 7 SE WB AIRPORT //																			.01		.01	.10	.09	.09	.30
PITTSBURGH WB CITY																			.02	.04	.24	.34	.18	.06	.88
PUNXSUTAWNEY 2																								.10	.10
PUTNEYVILLE 2 SE																							.08	.17	.25
RIDGWAY																							.05	.04	.09
ROCHESTER 1 N																				.02	.26	.12	.18	.13	.71
SHEFFIELD 6 W CHERRY GROVE																							.01	.06	.07
SMETHPORT HIGHWAY SHED																								.01	.01
STRONGSTOWN																								.02	.02
TIONESTA 2 SE DAM //																						.05	.05	.10	.20
TITUSVILLE																				.01	.01	.06	.01	.01	.10
TUNNELTON //																							.06	.06	.12
TYRONE 4 NE BALD EAGLE	.01	.01																							.02
UNION CITY 1 W																						.01	.09	.04	.14
VANDERGRIFT 2 W																					.01	.15	.14	.09	.39
WASHINGTON				.01	.01	.01														.01	.39	.29	.15	.15	1.02
WAYNESBURG 2 W																					.35	.76	.35	.18	1.64
YORK 2 S FILTER PLANT											.01	.01													.02
YOUNGSVILLE																			.01	.01			.01		.03
													—5th—												
ALLENS MILLS				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					*
ALLENTOWN WB AIRPORT								.24	.07	.17	.16	.21	.24	.14	.46	.08									1.77
AUSTINBURG 2 W	.01	.01	.01	.06	.06	.06	.07	.11	.07	.11	.04	.19	.08	.23	.11	.14	.09	.04	.04	.02	.01	.01	.01		1.58
AVOCA WILKES-BARRE SCRANTON AP 6										*	*	*	*	.06	*	*	*	*	*	.36					
BETHLEHEM LEHIGH UNIV							.13	.09	.05	.07	.23	.16	.27	.52	.50	.04									2.06
BLAIN					.04	.03	.08	.32	.06	.01	.02	.01													.57
BLAIRSVILLE 6 ENE 6	*	.02	*	*	*	*	*	.96	*	*	*	*	*	.58	*	*	*	*	*	.06					
BLAKESLEE CORNERS							.02	.18	.08	.17	.32	.33	.40	.34	.16	.05				.02					2.07
BOSWELL	.06	.12	.33	.40		.01	.01		.08	.01	.07	.11	.08		.01										1.29
BROOKVILLE AIRPORT 6	*	.36	*	*	*	*	*	.72	*	*	*	*	*	.65	*	*	*	*	*	.02					
BUCKSTOWN									.01			.08	.01	.01											.11
BUTLER SUBSTATION	.19	.11	.21	.17	.01	.01	.01	.01	.05	.04	.01	.01	.07	.01											.91
CANTON 1 NW				.01	.01	.01		.08	.05	.30	.18	.12	.05	.12	.08	.03	.12	.05	.03	.32	.10	.02	.03	.05	1.76
CARTER CAMP			*	*	.12	.16	.03	.03	.04	.12	.03	.07	.05	.20	.15	.22	.18	.10	.04	.04	.02				1.60
CHAMBERSBURG					.02	.09	.40	.05																	.56
CHARLEROI	*	*	*	*	*	*	*	*	*	*	*	*	*	2.70											2.70
CLARION 3 SW	.19	.15	.09	.11	.15	.20	.03	.03	.06	.14	.08	.06	.16	.05	.02	.01									1.53
COALPORT	.10	*	*	*	.50	.20	.10	.02	.03		.05	.08	.22	.14	.04	.02		.01	.03	.01	.01				1.56
COATESVILLE 1 SW						.05	.02	.01	.01	.01	.01		.49	.03											.63
CONFLUENCE 1 SW	.02	.15	.55	.04	.01	.05	.01	.04		.01	.06	.02	.01	.01											.98
CONNELLSVILLE 4 N	.57	.32	.02	.09	.01	.01	.14	.01	.01	.08	.01														1.27
CRESSON 1 E SUMMIT	.01	.04	.01	.21	.16	.22	.02				.03	.04	.06	.05	.03										.88
CURWENSVILLE 6 NW AIRPORT 6	*	.11	*	*	*	*	*	.63	*	*	*	*	*	.88	*	*	*	*	*	.39					
DINGMANS FERRY													.27	.03	.04	.02	.49	.70	.17		.03	.01		.09	1.85
DRIFTWOOD		.03	.11	.03	.15	.10	.06	.05	.05	.08	.02	.02	.10	.26	.19	.15	.15	.05		.01	.01				1.62
DU BOIS 7 E	.10	.20	.05	.25	.04	.07	.02		.01	.06	.21	.30	.15	.18	.17	.01									1.82
DUNLO	.05	.04	.01	.21	.33	.03		.01	.01	.02	.03	.05	.07	.04	.01										.91
DUSHORE										.18	.04	.06	.10	.02	.01	.04	.05	.05	*	*	*	*	*	*	*
EAGLES MERE										.15	.10	.03	.07	.04	.01	.04	.06	.01	.03	.02	.01	.01	.01	.01	.60
EMPORIUM	.03	.06	.14	.10	.12	.08	.06	.01	.08	.05	.01	.09	.17	.28	.17	.18	.10	.02	.04	.02	.01	.01			1.83
ENGLISH CENTER									.10	.05	.07	.14	.24	.08	.12	.16	.14	.06							1.16
ERIE WB CITY	.01	.01	.02		.03	.02	.03		.01																.13
ERIE AIRPORT 6	*	.17	*	*	*	*	*	.14	*	*	*	*	*	.01											
EVERETT	*	*	*	*	*	*	.73					.01	.01	.03	.03	.01									.82
FORD CITY 4 S //	.18	.17	.25	.32	.05	.07	.06	.09	.02	.04	.08	.04	.02	.01											1.40
FRANKLIN	.10	.10	.09	.11	.10	.06		.02	.02	.04	.05	.10	.01												.80
GETTYSBURG 1 S		.01		.03	.14	.54	.14	.30																	1.16
GLENCOE	.01	.06	.13	.50				.01	.02		.04	.02	.01												.80
GLEN ROCK		.01		.03	.03	.04	.16	.04	.01	.26	.03														.61
GOOD SPRINGS 1 NW									.20	.30	.35	.11	.04		.01	.03	.04	.01	.01						1.10
GREENSBURG 2 E HIGHWAY SHED	.21	.45	.19	.05	.03	.03	.05	.09	.10	.09	.06	.07	.01	.01											1.44
HARRISBURG 3 S WB AIRPORT								.19	.42	.11	.01														.73
HAWLEY 1 S WALLEN DAM										*	*	*	*	*	*	*	*	*	*	*	*	*	2.21		2.21
HEWITT 2 S			.04	.18	.63								.01	.01											.87
HOLLIDAYSBURG		.08	.02	.01	.09	.30	.13	.01			.01	.01	.02	.02											.70
HOLTWOOD				.02	.27	.17	.04	.03	.02	.06			.33	.15											1.09
HOME	.14	*	*	*	.77		.14	.01	.24	.16	.09	.01	.04		.02	.01	.01								1.64
HONESDALE 6 N TANNERS FALLS //										.03	.07	.10	.10	.20	.38	.26	.09	.01	.01		.03	.04	.04	.01	1.37
HUNTSDALE		*	*	*	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*					*
INDIANA 2 SE	.30	.36	.34	.25	.10	.01	.02	.04	.04	.12	.09	.07		.02		.03	.03								1.82
JACKSON SUMMIT				.06	.12	.02	.11	.06	.02	.10	.06	.06	.07	.03	.27	.11	.15	.19	.13	.12	.28	.06	.02	.01	2.05

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TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
JAMESTOWN 2 NW	.02	.02	.03	.01	.05	.05	.01						.04	.01											.19
JOHNSTOWN 2	.07	.01	.13	.29	.18					.02	.08	.05	.17	.21	.22	.01	.03	.03	.02	.01					.88
KANE 5 SE	.01			.02	.13	.12	.03	.05	.11	.02	.12	.20	.40												1.51
KIRKWOOD 1 SW			.04	.05	.06			.04	.08				.14	.40											.67
LANCASTER 2 NE FILTER PLANT					.02	.08	.20	.40	.10	.10	.05	.01	.08	.03	.07	.02									1.50
LAURELTON STATE VILLAGE									.12	.20	.20	.08													.80
LEBANON 3 SW					.01	.04	.11	.50	.27	.16	.28	.01													1.38
LEHIGHTON								.10	.35	.30	.35	.35	.25	.18	.14										2.02
LEWISTOWN						.12	.16	.22	.10	.06	.03	.01		.01	.01										.72
LOCK HAVEN 2		.01	.03		.01	.10	.08	.22	.10	.12	.16	.17	.11	.09	.12	.03	.01	.01	.01	.01	.01				1.40
MARIENVILLE	.11	.10	.08	.04	.20	.09	.14	.06	.10	.11	.10	.08	.05	.11	.02	.02	.01								1.42
MARTINSBURG		.01	.02	.02	.05	.10	.38	.02					.02	.01	.02	.01									.66
MARTINSBURG BLAIR CO AIRPORT 6	*	.02	*	*	*	*	*	.72	*	*	*	*	*	.04	*	*	*	*	*	.01					
MEADOW RUN PONDS										.07	.06	.18	.24	.31	.19	.13	.02				.01	.07	.05	.01	1.34
MEADVILLE 1 S	.03	.03	.05	.03	.04		.01		.01																.20
MEDIX RUN	.03	.10	.12	.07	.16	.09	.09	.04	.03	.02	.01	.04	.20	.23	.19	.21	.17	.07	.01						1.88
MERCER 5 NE WB AIRPORT 6	*	.06	*	*	*	*	*	.22	*	*	*	*	*	.06											
MERCER HIGHWAY SHED	.09	.02	.05	.02					.01																.19
MERWINSBURG							.02	.05	.36	.27	.26	.20	.24	.14	.75	.28		.10							2.67
MILAN		.01			.01		.01	.01	.26	.28	.22	.13	.17	.15	.09	.06	.28	.07	.14	.14	.06	.01			2.10
MILLERSBURG 2 E								.06	.35	.25	.10	.02	.02	.01		.04	.01								.86
MILLVILLE									.02	.28	.05	.05	.02			.02	.03	.01	.01		.01				.50
MONROE FURNACE		.04		.01	.10	.24	.25	.05		.20	.09	.04	.09	.07	.01										1.19
MONTROSE											.08	.12	.03	.05	.12	.20	.10		.01	.01	.06	.03	.07	.02	.90
MOUNT POCONO 2 N WB AIRPORT //								.02	.09	.08	.18	.39	.35	.36	.25	.30	.01	.07	.04	.02				.01	2.17
MOUNT UNION 1 NW //				.06	.24	.40	.03		.01	.03	.03		.03	.03	.01										.87
MURRYSVILLE	.20	.31	.34	.14	.13	.05	.07	.08	.07	.05	.03			.01	.04										1.52
NEFFS MILLS 4 NE	.01	.06	.01		.07	.20	.25	.08	.01	.01	.10	.01	.04	.05											.90
NEW CASTLE 1 N	.10	.19	.12		.01	.02	.01	.01						.01		.01									.47
PALMERTON								.11	.37	.45	.42	.34	.36	.12	.43	.04	.01								2.65
PARKERS LANDING 1 E	.15	.12	.06	.10	.11	.04	.04	.01	.01	.08	.08	.18	.13	.01											1.12
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.01	*	*	*	*	*	1.14	*	*	*	*	*	.08	*	*	*	.03	
PHILADELPHIA WB AIRPORT					.01							.05	.38	.01	.35	.01									.81
PHILADELPHIA POINT BREEZE							.01	.01					.02	.06	.06	.09	.37								.62
PHILADELPHIA WB CITY						.01								.03	.01	.23									.28
PHILLIPSBURG 7 E AIRPORT		.07	.08	.02	.10	.15	.29	.22	.16	.08		.10	.25	.15	.13	.07	.07								1.94
PHOENIXVILLE 1 E PUMP STATION															1.05	.12									1.17
PIKES CREEK		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PINE GROVE MILLS 1 S		.05	.02		.10	.10	.35	.15		.05	.15	.14	.09	.07											1.27
PITTSBURGH 7 SE WB AIRPORT //	.35	.33	.35	.29	.02	.06	.02	.04	.03	.05	.07	.02	.04	.04											1.71
PITTSBURGH WB CITY	.06	.08	.06	.22	.10	.09	.06	.01	.02	.01	.02	.02	.02	.01											.78
PLEASANT MOUNT 1 W										.03	.07	.05	.17	.18	.10	.10	.10						.01	.04	.85
PORT CLINTON							.15	.10	.55	.30	.22	.08	.28	.02											1.70
PUNXSUTAWNEY	.18	.14	.18	.17	.04	.04	.03	.03	.26	.11	.02	.11	.02	.01	.01	.07									1.42
PUTNEYVILLE 2 SE	.13	.22	.20	.34	.08	.08	.10	.10	.11	.04	.06	.04			.04	.01									1.55
RAYMOND		.01	.04	.05		.10	.08	.09	.04	.09	.01	.02	.10	.30	.30	.23	.12	.25	.18	.13	.07	.03			2.24
READING WB CITY					.03	.04	.24	.41	.08	.29	.11	.32		.10	.03				.01						1.66
RENOVO 6 S STATE CAMP			.04	.04	.12	.10	.06	.24	.10	.12	.03	.25	.25	.32	.23	.10	.03								2.03
RIDGWAY	.11	.10	.05	.06	.14	.02	.01	.01		.02	.15	.15	.10	.13	.14	.02	.01								1.22
ROCHESTER 1 N	.19	.42	.29	.02	.03	.02	.02	.01	.06	.08	.06	.10													1.30
SAXTON		.01	.01	.10	.23	.40	.01		.01	.02	.01														.80
SCANDIA	.01	.09	.12	.08	.09	.06	.08	.10	.07	.08	.11	.09	.08	.13	.11	.03	.03	.01	.01						1.38
SCRANTON WB CITY										.03	.11	.13	.29	.07	.11	.03	.03				.01				.81
SELLERSVILLE 2 NW									.04	.16	.05				.10	.03									.38
SHADE GAP						.15	.50	.08				.01	.01	.02		.01									.78
SHEFFIELD 6 W CHERRY GROVE		*	*	.11	.10	.10	.10	.08	.02	.11	.18	.02	.09	.10	.02	.01	.02								1.06
SMETHPORT HIGHWAY SHED	.02	.01		.01	.07	.17	.02			.01		.09	.05	.14	.11	.10	.10	.02	.06	.01	.01				1.00
SOUTH CANAAN 1 E										.01	.07	.12	.12	.23	.33	.17	.10					.05	.01	.01	1.22
SPRING GROVE				.04				.35	.10	.05	.37	.01													.92
STATE COLLEGE		.02	.07		.03	.13	.13	.32	.08	.01	.03	.09	.19	.11	.05	.01									1.27
STRONGSTOWN	.15	.26	.20	.27	.15	.05		.02	.06	.10	.02	.09	.09	.07			.01								1.54
STROUDSBURG							.03	.07	.13	.25	.15	.30	.25	.10	.35	.11				.04	.04				1.82
SUNBURY								.05	.35	.20	.17	.06	.03			.01	.03								.90
SUNBURY AIRPORT 2 N 6									*	*	*	*	*	.65	*	*	*	*	*	.07	*	*	*	.02	
TAMAQUA 4 N STILL CREEK DAM						.02	.01	.08	.32	.40	.29	.12	.02	.07			.03								1.36
TIONESTA 2 SE DAM //	.05	.04	.06	.06	.09	.08	.01	.01	.10	.11	.10	.07	.08	.05	.01										.92
TITUSVILLE		.01	.10	.06	.06	.02	.03			.02	.08	.01	.03	.04	.02										.48
TOWANDA								.07	.16	.17	.24	.06	.02	.12	.01	.02	.09	.08	.09	.07	.09	.02	.04	.01	1.36
TUNKHANNOCK 1 S										.08	.09	.06	.12	.10	.17	.02	.01	.01	.09	.05	.05		.01	.01	.87
TUNNELTON //	.12	.20	.31	.27	.14	.13	.02	.03	.06	.09	.07	.05	.05		.01	.04									1.59
TYRONE 4 NE BALD EAGLE			*	*	.27	.10	.20	.20	.10		.02	.13	.05	.05	.09	.02									1.23
UNION CITY 1 W	.03	.03	.01	.05	.07	.06	.01		.03																.29
VANDERGRIFT 2 W	.11	.35	.34	.10	.17	.03	.08	.03	.07	.03	.06	.01		.01	.01		.01	.01							1.42
WASHINGTON	.50	.60	.16	.07	.02	.01		.01	.09			.06	.03	.01											1.56
WAYNESBURG 2 W	.60	.10	.01		.07	.01	.02	.08	.01	.09	.01	.01													1.01
WEBSTER MILLS 3 SW												.12	.01		.01	.01									.15
WELLSBORO 2 E					.05	.13	.07	.06	.02	.06	.18	.04	.06	.06	.32	.11	.10	.10	.19	.24	.11	.04	.04		1.99
WILLIAMSPORT									.02	.18	.20	.10	.10	.06	.09	.10	.15	.08	.02			.01	.01	.01	.02	1.15
WIND GAP 3 SW									.09	.15	.16	.19	.13	.30	.32	.37	.13	.02							1.86
YORK 2 S FILTER PLANT				.01	.03	.07	.15		.10	.18															.54
YOUNGSVILLE			.10	.10	.08	.02	.02	.04	.03	.01	.08	.07	.05	.01	.09	.02									.72

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PARK PLACE 1 NW WB AIRPORT 6	*	.01																							
PIKES CREEK	*	*	*	*	*	*	*	.37																	.37
PLEASANT MOUNT 1 W	.03	.03	.03																						.09
RAYMOND																			.02						.02
SCRANTON WB CITY	.01		.01																						.02
SHEFFIELD 6 W CHERRY GROVE										.01		.01													.02
SOUTH CANAAN		.03																							.03
STATE COLLEGE	.01																								.01
STRONGSTOWN																.05									.05
TOWANDA	.02	.01	.01																						.04
TUNKHANNOCK 1 S	.01	.02																							.03
UNION CITY 1 W																								.19	.19
WELLSBORO 2 E		.01	.01																						.02
WILLIAMSPORT	.01																								.01
												—7th—													
ALLENS MILLS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BLAIRSVILLE 6 ENE															*	*	*	*	*	.08					
BOSWELL																	.01								.01
BROOKVILLE AIRPORT 6			*	*	*	*	*	.10																	
BUCKSTOWN								.01	.01																.02
BUTLER SUBSTATION		.02				.01	.01			.01		.01						.01							.07
CONNELLSVILLE 4 N										.01															.01
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.04																	
DU BOIS 7 E						.01	.01																		.02
DUNLO									.01		.01						.01								.03
FRANKLIN						.01	.01																		.02
GLEN ROCK																	.01	.01							.02
GOOD SPRINGS 1 NW														*	*	*	*	*	*	*	*	*	*	*	*
GREENSBURG 2 E HIGHWAY SHED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLTWOOD																			.04	.02					.06
HUNTSDALE														*	*	*	*	*	*	*	*	*	*	*	*
INDIANA 2 SE													.03	.01				.17	.03	.01					.25
MOUNT UNION 1 NW //												.06	.01												.07
MURRYSVILLE														.10											.10
PHILADELPHIA POINT BREEZE																				.11					.11
PHILADELPHIA WB CITY																			.16						.16
PHOENIXVILLE 1 E PUMP STATION																			.40	.05					.45
READING WB CITY																.21	.01	.04	.01						.27
RIDGWAY																				.15	.08	.22	.20	.15	.80
ROCHESTER 1 N														.12	.01	.01			.01						.15
SELLERSVILLE 2 NW	.08	.02	.01												.22	.02	.26								.50
SHEFFIELD 6 W CHERRY GROVE																									.11
SPRING GROVE																		.34							.34
STRONGSTOWN	.27												.01	.03											.04
UNION CITY 1 W																									.27
VANDERGRIFT 2 W														.18											.18
YORK 2 S FILTER PLANT																.32	.07								.39
YOUNGSVILLE			.02																						.02
												—8th—													
ALLENS MILLS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AUSTINBURG 2 W															.01	.05				.04					.10
BLAIN																				.03					.03
BOSWELL															*	*	*	*	*	.01					.19
BROOKVILLE AIRPORT 6																						.18	.01		
BUTLER SUBSTATION																						*	*	*	*
CARTER CAMP																.38	.03	.01		.03				.05	.50
CLARION 3 SW																.05									.05
CONFLUENCE 1 SW																								.14	.14
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.25					
DU BOIS 7 E									.01	.01						.01	.01								.02
DUNLO																	.01								.02
EAGLES MERE								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ENGLISH CENTER										.06	.03	.02													
ERIE WB CITY									*	*	*	*	*	.17	*	*	*	*	*	.02					.11
ERIE AIRPORT 6										.01	.01				.19	.01									.22
FRANKLIN																									
GLENCOE																								.02	.02
GOOD SPRINGS 1 NW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.30					.30
HARRISBURG 3 S WB AIRPORT																					.04	.08			.12
HOME																		.08							.08
HUNTSDALE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
JAMESTOWN 2 NW														.01											.01
KANE 5 SE																			.10	.01	.02	.01			.14
LEBANON 3 SW																					.15				.15
LEWISTOWN																			.02						.02
MEADVILLE 1 SW														.03	.15	.01									.19
MERCER 5 NE WB AIRPORT 6															*	*	*	*	*	.22					
MERCER HIGHWAY SHED														.17	.03									.08	.28
MURRYSVILLE																					.04				.04
PARKERS LANDING 1 E															.06	.19									.25
PHILLIPSBURG 7 E AIRPORT																		.06	.01						.07
PITTSBURGH 7 SE WB AIRPORT //																				.16					.16
PITTSBURGH WB CITY																			.01	.08					.09
PUTNEYVILLE 2 SE																	.10								.10
RAYMOND														.28	.05	.01		.13	.01			.09	.01		.58
READING WB CITY		.01																							.01
RIDGWAY		.05	.05																						.10
SCANDIA																		.01							.01
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.02					
TIONESTA 2 SE DAM //															.05										.05
TITUSVILLE														.02											.02
TUNNELTON //																					.11				.11
UNION CITY 1 W																									
WAYNESBURG 2 W										.01	.08	.11	.10	.02	.01	.01					.01	.01	.03	.05	.33
WELLSBORO 2 E										.01	.01	.01												.01	.13
WILLIAMSPORT																				.06				.01	.07
																								.01	.01
												—9th—													
ALLENS MILLS	*	*	*	*	*	*	1.21																		
BOSWELL								.01																	1.21
																									.01

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BROOKVILLE AIRPORT 6			*	*	*	*	*	.04																	.03
BUCKSTOWN							.01	.01		.01															.54
BUTLER SUBSTATION	*	*	*	*	*	*	*	*	*	*	*	.54													.06
CONFLUENCE 1 SW	.04	.01	.01									.10													.10
CONNELLSVILLE 4 N											.01														.01
DUNLO							.01	.01		.01															.03
EAGLES MERE																									.40
ENGLISH CENTER	*	.40																							.08
FORD CITY 4 S //						.01	.06	.01																	.03
FRANKLIN									.01	.01	.01														.07
GLENCOE	.07															.14	.01								.15
GLEN ROCK																									-
GREENSBURG 2 E HIGHWAY SHED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARRISBURG 3 S WB AIRPORT															.05										.05
HOLTWOOD																		.06							.06
HOME							.02																		.02
HUNTSDALE	*	*	*	*	*	*	*	.60							.13	.01	.01								.75
INDIANA 2 SE						.01	.01	.01	.01	.01															.05
MERCER 5 NE WB AIRPORT 6	*	.03																							.01
MERCER HIGHWAY SHED				.01																					
NEW CASTLE 1 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCHESTER 1 N																				.01	.01				.02
SELLERSVILLE 2 NW														.30	.03										.33
WAYNESBURG 2 W	.01	.01																							.02
YORK 2 S FILTER PLANT															.25	.10									.35
—10th—																									
ROCHESTER 1 N																			.01	.01			.01		.03
STROUDSBURG														.02											.02
TITUSVILLE																			.01	.01	.03				.05
—11th—																									
ALLENS MILLS										.11	.09	.01							.09	.20	.31	.19	.21	.27	1.48
ALLENTOWN WB AIRPORT																.04		.24							.28
AUSTINBURG 2 W																						.01	.06	.13	.20
AVOCA WILKES-BARRE SCRANTON AP 6													*	*	*	*	*	*	*	.04					
BETHLEHEM LEHIGH UNIV																*	*	*	*	*	*	*	*	*	*
BLAIN														.12	.05	.01		.01							.19
BLAIRSVILLE 6 ENE 6								.01	* .01	*	*	*	*	.30							*	*	*	.01	
BOSWELL											.06								.06						.14
BROOKVILLE AIRPORT 6									*	*	*	*	*	.01	*	*	*	*	*	.74	*	*	*	1.76	
BUCKSTOWN												*	*	*	.52					.05		.01	.02		.60
BUTLER SUBSTATION								.18	.20	.20							.20	1.45	.30	.24	.38	.09		.03	3.27
CANTON 1 NW																							.02	.05	.07
CARTER CAMP																							.01	.24	.25
CHAMBERSBURG														.02	.04	.01							.03	.24	.34
CLARION 3 SW								.07	.01	.06	.05			.02	.02	.03		.03	.16	.29	.24	.12	.20		1.30
COALPORT											.36	.12	.05							.03	.10	.06	.03	.02	.77
COATESVILLE 1 SW																				.16			.01		.17
CONFLUENCE 1 SW												.11							.28	.02	.02				.43
CONNELLSVILLE 4 N												.60								.08	.01			.01	.70
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.16	*	*	*	*	*	.01	*	*	*	.60	
DINGMANS FERRY																		.02	.02	.11	.01	.01	.03	.06	.26
DRIFTWOOD									.02			.08	.03	.01								.12	.24	.06	.56
DU BOIS 7 E										.09	.03					.06			.02	.39	.06	.15	.10	.01	.91
DUNLO								.01	.01			.34			.01		.01		.01				.01		.40
DUSHORE														*	*	*	*	*	*	*	*	*	*	*	*
EAGLES MERE																							.29	.20	.49
EMPORIUM												.05		*	*	*	*	*	*	*	.06	.07	.20	.27	.65
ENGLISH CENTER																									*
ERIE WB CITY							.05	.11										.01	*	.01	.01	*	*	*	.19
ERIE AIRPORT 6			*	*	*	*	*	.09	*	*	*	*	*	.12	*	*	*	*	*	.04	*	*	*	*	
EVERETT												.38	.25	.03									.31		.97
FORD CITY 4 S //								.05	.01	.24	.14	.01							.13	.06	.52	.14	.19		1.49
FRANKLIN								.08	.12	.01	.01	.08	.10					.08	.22	.18	.02	.05	.01		.96
GETTYSBURG 1 S																						.01	.04	.02	.07
GLENCOE										.02			.10				.02			.01		.01	.06	.05	.27
GREENSBURG 2 E HIGHWAY SHED										.13	.02		.01		.01	.01	.01	.03	.37	.09	.01		.05		.74
HARRISBURG 3 S WB AIRPORT															.02	.03									.05
HAWLEY 1 S WALLEN DAM																.07	.01								.08
HEWITT 2 S																	.02					.03	.25		.30
HOLLIDAYSBURG												.50	.01	.01											.52
HOME												.16	.01							.04	.06	.08		.05	.40
HONESDALE 6 N TANNERS FALLS //																	.09								.09
HUNTSDALE														.02	.08	.01							.01	.01	.13
INDIANA 2 SE										.14	.06								.12	.18	.01	.08	.01		.60
JACKSON SUMMIT																				*	*	*	*	*	*
JAMESTOWN 2 NW								.06	.01	.09		.55	.06					.17	.10	.09	.01	.01	.02	.01	
JOHNSTOWN 2								.01		.04	.30							.04	.13		.02		.01		1.18
KANE 5 SE											.03										.05	.07	.01	.09	.50
LANCASTER 2 NE FILTER PLANT																		.03	.07						.30
LAURELTON STATE VILLAGE													.01	.03	.04	.01					.01	.02			.10
LEBANON 3 SW															.02	.01							.01		.12
LEHIGHTON																	.03	.04	.01						.04
LEWISTOWN													.10	.14	.01									.04	.08
LOCK HAVEN 2													.02	.05	.02						.01	.10	.02	.01	.29
MARIENVILLE														.01					.10	.20	.19	.06	.06		.23
MARTINSBURG									.08	.01	.01		.63	.01									.01	.02	.72
MARTINSBURG BLAIR CO AIRPORT 6													*	.61	*	*	*	*	*	.02	*	*	*	.06	.67
MEADOW RUN PONDS									*	*	*	*					.01								.01
MEADVILLE 1 S								.06	.01			.01	.03				.07	.16	.13	.09					.56
MEDIX RUN											.03	.08	.01		.01						.25	.09	.12	.24	.83
MERCER 5 NE WB AIRPORT 6			*	*	*	*	*	.06	*	*	*	*	*	.33	*	*	*		*	.57	*	*	*	.18	
MERCER HIGHWAY SHED						.24	.04	.14	.08	.01	.06	.01	.07	.01	.01		.16	.15	.20		.20				1.38
MERWINSBURG																		.20				.08	.01		.29
MILAN																						*	*	*	*
MILLVILLE														*	*	*	*	*	*	*	*	*	*	*	*
MONROE FURNACE												.10	.08	.01	.01							.05	.03	.10	.38
MOUNT POCONO 2 N WB AIRPORT //																		.04					.01		.05
MOUNT UNION 1 NW //											.24	.06	.04										.05	.07	.16
MURRYSVILLE												.05					.01	.01		.03	.02	.02	.01		.40
NEFFS MILLS 4 NE													.15									.07	.03	.08	.38
NEW CASTLE 1 N						.29		.09	.08	.02				.09		.06	.25	.90	.22	.16	.20	.06			2.42

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PALMERTON																		.21				.12			.33
PARKERS LANDING 1 E								.22	.16	.14				.06				.19	.11	.55	.06	.39			1.88
PHILADELPHIA WB AIRPORT																					.04	.01			.05
PHILADELPHIA POINT BREEZE																							.02		.02
PHILADELPHIA WB CITY													.27		.01	.01						.02			.02
PHILLIPSBURG 7 E AIRPORT																					.01	.22	.05		.57
PHOENIXVILLE 1 E																			.01						.01
PIKES CREEK											.01		.02	.01		.01	.13								.18
PINE GROVE MILLS 1 S											.17		.10	.03											.47
PITTSBURGH 7 SE WB AIRPORT //										.03	.11	.07	.01								.02	.05	.01	.09	.36
PITTSBURGH WB CITY										.15	.11	.08						.02		.01	.07		.06		.90
PORT CLINTON																				.08	.25	.10	.11		.06
PUNXSUTAWNEY 2									.30	.09	.07			.01	.02			.07	.54	.10	.19	.11	.05		1.55
PUTNEYVILLE 2 SE									.03	.18	.14	.04							.29	.59	.76	.32	.19	.35	2.89
RAYMOND																.01	.01	.01	.01	.01	.02	.01	.03	.20	.30
READING WB CITY																.01									.01
RENOVO 6 S STATE CAMP																					.03	.13	.03	.11	.30
RIDGWAY								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ROCHESTER 1 N									.13	.26	.01						.75	.54	.45	.25	.50				2.89
SAXTON												.77	.06		.01		.01					.08	.07		1.00
SCANDIA									.10	.05	.01	.01				.07			.01	.02	.05	.02	.04	.08	.39
SCRANTON WB CITY																									.07
SHADE GAP														.65	.05						.10	.01		.04	.85
SHEFFIELD 6 W CHERRY GROVE									.01	.08	.01									.10	.03	.02	.06	.01	.32
SMETHPORT HIGHWAY SHED																				.01	.01	.01	.01	.12	.16
SOUTH CANAAN 1 E																	.07	.30							.37
SPRING GROVE															.01	.01								.02	.04
STATE COLLEGE												.08	.19	.01							.02	.04	.02	.03	.39
STRONGSTOWN											.34	.04	.02								.03	.02	.04	.05	.54
STROUDSBURG																.20	.01	.01		.03	.02	.01			.28
TIONESTA 2 SE DAM								.26	.12	.03	.01	.01	.04		.01			.02	.20	.18	.03	.05	.03		.99
TITUSVILLE							.03	.12								.01		.15	.09	.05					.45
TUNNELTON //											.16	.08	.01						.30	.20	.17				.92
TYRONE 4 NE BALD EAGLE												.38	.02	.01						.01	.04	.03	.01	.08	.58
UNION CITY 1 W								.49	.01									.06	.07	.03	.01	.02	.01		.70
VANDERGRIFT 2 W								.21	.01	.09	.11	.02						.02		.29	.19	.01	.05		1.00
WASHINGTON											.02							.01	.02			.02	.03		.10
WAYNESBURG 2 W																		.01			.04		.04		.09
WEBSTER MILLS 3 SW														.15							.01	.01	.01	.77	.95
WELLSBORO 2 E																						.05	.02	.04	.11
WILLIAMSPORT																							.03	.01	.04
WIND GAP 3 SW																.21	.41	.12							.74
YORK 2 S FILTER PLANT															.04									.01	.05
YOUNGSVILLE									.06	.02	.01		.01							.05	.05			.08	.28
ALLENS MILLS	.02																								
ALLENTOWN WB AIRPORT			.06	.05	.10	.10	.29	.02										.01	.01						.04
AUSTINBURG 2 W	.14	.07	.07	.35	.01																				.62
AVOCA WILKES-BARRE SCRANTON AP 6			*	**	*	*	*	.20	*	*	*	*	*	.03											.64
BETHLEHEM LEHIGH UNIV	*	*	*	*	*	*	*	*	*	*	*	.63													
BLAIN	.58																								.63
BLAKESLEE CORNERS				.10	.02	.22	.07	.01																	.58
BROOKVILLE AIRPORT 6	*	.02	*	*	*	*	*	.02							*	*	*	*	*	.03					.42
BUCKSTOWN		.02																							
BUTLER SUBSTATION																									.02
CANTON 1 NW			.03	.03	.01														.11						.11
CARTER CAMP	.08	.22	.05	.04	.06																				.07
CHAMBERSBURG	.36	.20	.15	.05																					.45
CHARLEROI																									.76
CLARION 3 SW	.01																							.05	.05
COALPORT	.01																.02			.05					.08
COATESVILLE 1 SW	.01	.01	.01			.17	.02	.01		.01	.01	.01	.01	.01		.40					.04	.36	.06		.47
CONFLUENCE 1 SW	.07	.03																							.68
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.02																	.10
DINGMANS FERRY				.04	.50	.06	.06	.20	.02	.01															
DRIFTWOOD	.08	.06	.02	.02	.08	.01	.01																		.89
DUSHORE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.28
EAGLES MERE	.02	.05	.05	*	*	.17	.02	.01																	*
EMPORIUM	.26	.04	.02	.02																					.32
ENGLISH CENTER	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.03								.37
ERIE WB CITY																*	*	*	*	.80					.80
ERIE AIRPORT 6	*	.03							*	*	*	*	.03	.31											.34
FORD CITY 4 S //													*	.03	*	*	*	*	*	.93	*	*	*	*	
FRANKLIN	.01	.01	.01	.01	.01														.11			.01			.12
GETTYSBURG 1 S	.08	.14	.01	.10	.20	.03										.08	.07		.01	.03					.24
GLENCOE	.03																								.56
GLEN ROCK	.01	.05	.06	.01	.15	.02	.01																		.03
GOOD SPRINGS 1 NW		.26	.14	.10																					.31
HARRISBURG 3 S WB AIRPORT	.01	.23	.23	.16	.01														.03						.50
HAWLEY 1 S WALLEN DAM		.01	.07		.10		.05																		.67
HEWITT 2 S	.05	.05	.04																						.23
HOLTWOOD	.01	.01	.02				.15							.02				.01							.14
HONESDALE 6 N TANNERS FALLS //					.02		.11	.12	.03							.38	.03								.22
HUNTSDALE	.14	.15	.16	.01	.01	.01	.01																		.69
JACKSON SUMMIT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.07					.49
JAMESTOWN 2 NW															1.19			.12							1.07
JOHNSTOWN 2																									1.31
KANE 5 SE																						.09			.09
KIRKWOOD 1 SW						.10	.05	.03	.01	.01			.72			.01	.04								.05
LANCASTER 2 NE FILTER PLANT			.02	.11	.10	.07	.22	.06	.02																.92
LAURELTON STATE VILLAGE		.10		.07			.01	.01																	.60
LEBANON 3 SW	.01	.25	.10	.18	.02																				.19
LEHIGHTON			.04	.08	.10	.18	.04	.03																	.56
LEWISTOWN	.03	.01	.04	.03																					.47
LOCK HAVEN 2	.02	.01	.04																						.11
MEADOW RUN PONDS				.02	.06	.03	.08	.10			.04												.06	.01	.14
MEADVILLE 1 S											.02				.12	.30		.06	.01				.01		.33
MEDIX RUN	.20		.01	.04																					.52
MERCER 5 NE WB AIRPORT 6	*	.02													*	*	*	*	*	.91					.25
MERCER HIGHWAY SHED																.10	.34	.46							.90
MERWINSBURG		.01	.25	.42	.08	.25	.10	.06																	1.17
MILAN	*	*	*	*	*	*	*	.37																	.37
MILLERSBURG 2 E		.12	.15	.02	.02	.01																			.32

—12th—

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MILLVILLE	*	*	*	*	*	*	*																		*
MONROE FURNACE	.02																						.02	.02	.06
MONTROSE	.01	.01		.01	.02		.26	.10																	.41
MOUNT POCONO 2 N WB AIRPORT //				.05	.08	.08	.15	.08	.03																.47
NEFFS MILLS 4 NE	.01	.01																							.02
PALMERTON			.16	.31	.10	.18	.23	.04																	1.02
PARKERS LANDING 1 E																		.01	.02						.03
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.51																	
PHILADELPHIA WB AIRPORT	.01		.01	.05	.04	.03		.01						.05											.20
PHILADELPHIA POINT BREEZE					.04	.03	.01	.01							.03										.12
PHILADELPHIA WB CITY			.01	.14	.03	.01	.01	.02	.01					.09	.03										.35
PHILLIPSBURG 7 E AIRPORT	.03		.01	.01	.01	.01																	.07		.14
PHOENIXVILLE 1 E PUMP STATION			.01	.01	.01	.01	.05	.10																	.19
PIKES CREEK				.10	.25	.10	.01	.04																	.50
PINE GROVE MILLS 1 S	.02		.01		.01						.01												.03	.09	.17
PITTSBURGH 7 SE WB AIRPORT																				.04	.04				.08
PITTSBURGH WB CITY																			.01	.03	.09				.13
PLEASANT MOUNT 1 W					.07	.03	.10	.03	.04							.03	.02								.32
PORT CLINTON		.14	.10	.40	.10	.05	.05																		.84
PUNXSUTAWNEY 2																				.01					.01
PUTNEYVILLE 2 SE																				.05	.02				.07
RAYMOND	.19	.10	.01	.19	.04	.02	.02	.02									.02	.36	.01	.01					.99
READING WB CITY			.07	.18	.03	.16	.01	.25																	.70
RENOVO 6 S STATE CAMP	.01	.02	.02	.03																					.08
RIDGWAY	*	*	*	*	*	*	1.02																		1.02
ROCHESTER 1 N																		.02	.03	.03	.01				.09
SCANDIA	.01										.01	.01				.48	.01								.52
SCRANTON WB CITY				.02	.03	.03	.08	.08	.18																.42
SELLERSVILLE 2 NW											.05	.10	.10												.25
SHADE GAP	.09																								.09
SHEFFIELD 6 W CHERRY GROVE												.01	.01		.01										.03
SMETHPORT HIGHWAY SHED	.06	.01	.01	.03			.01		.01		.01						.02	.04	.01						.21
SOUTH CANAAN 1 E				.01	.01		.47	.07	.13																.69
SPRING GROVE	.07	.07	.08	.05	.02	.01												.17	.03						.50
STATE COLLEGE																							.12		.12
STROUDSBURG			.62	.10	.10	.20	.10				.08														1.20
SUNBURY		.05	.12	.03	.07	.01	.01	.01																	.30
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.37																	
TAMAQUA 4 N STILL CREEK DAM			.02	.10	.10	.02	.01																		.25
TIONESTA 2 SE DAM //																.02	.01								.03
TOWANDA	.03		.03	.01	.03		.04		.01	.01				.04											.20
TUNKHANNOCK 1 S			.02	.08		.04		.17																	.31
TYRONE 4 NE BALD EAGLE																							.40		.40
UNION CITY 1 W										.01			.01		.84	.07	.03							.09	1.05
WASHINGTON																					.25			.01	.26
WAYNESBURG 2 W																						.17	.31		.48
WEBSTER MILLS 3 SW	.07	.08	.04	.02																					.21
WELLSBORO 2 E	.03	.02	.06	.02	.19	.02																			.34
WILLIAMSPORT	.01																							.04	.05
WIND GAP 3 SW				.82	.13	.12	.24	.07																	1.38
YORK 2 S FILTER PLANT	.05	.05	.03	.02	.05	.01				.01	.03	.05	.05												.35
YOUNGSVILLE	.01	.01														.60									.62
											—13th—														
ALLENS MILLS									.01	.01			.01												.03
DINGMANS FERRY											.08	.05													.13
DUSHORE	*	*	*	*	*	*	*	.80																	.80
EAGLES MERE	.23	.02																							.25
ERIE AIRPORT 6	*	.12																							
JAMESTOWN 2 NW											.08														.08
JOHNSTOWN 2			.01																						.01
KANE 5 SE		.10																							.10
MONTROSE		.10	.10																						.20
SCANDIA	.02	.01																							.03
SCRANTON WB CITY			.01																						.01
SHEFFIELD 6 W CHERRY GROVE		.06					.01																		.07
WILLIAMSPORT	.01																								.01
											—14th—														
JACKSON SUMMIT															.03										.03
MONTROSE													.08												.08
PARKERS LANDING 1 E										.01	.01								.01	.01					.04
											—15th—														
ALLENS MILLS								.01	.01																.02
DUNLO									.01	.01															.02
KANE 5 SE							.01		.02		.03														.06
PARKERS LANDING 1 E										.01	.01														.02
											—16th—														
ALLENS MILLS																			.01	.01	.01				.03
COATESVILLE 1 SW																		.04	.01	.01		.01		.01	.08
ENGLISH CENTER																		.01	.02			.01	.01		.05
HAWLEY 1 S WALLEN DAM														.03	.01			.01		.01					.06
HOME						.01	.01		.01																.03
KANE 5 SE																	1.13	.06				.03			1.22
MERCER HIGHWAY SHED								.01	.01	.03															.05
											—17th—														
ALLENS MILLS									.01	.01															.02
BUCKSTOWN																.02									.02
CHARLEROI														.28	.01										.29
CLARION 3 SW																	.01								.01
COATESVILLE 1 SW	.01	.01										.08	.01	.18	.14	.05	.03								.02
CONFLUENCE 1 SW														.40	.42										.49
CONNELLSVILLE 4 N																									.82
DINGMANS FERRY									.02	.01															.03
ERIE WB CITY	.09	.01														.01									.11
ERIE AIRPORT 6															*	*	*	*	*	.04					
FRANKLIN										.01	.01														.02

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GREENSBURG 2 E HIGHWAY SHED														.07											.07
HAWLEY 1 S WALLEN DAM																			.01			.01			.02
INDIANA 2 SE						.01	.01																		.02
PARKERS LANDING 1 E															.01									.01	.02
PITTSBURGH 7 SE WB AIRPORT //													.03												.03
PITTSBURGH WB CITY											.03	.14													.17
RAYMOND							.01	.01																	.02
SHEFFIELD 6 W CHERRY GROVE																			.15		.02				.17
TIONESTA 2 SE DAM //															.01	.01	.01	.01							.04
TITUSVILLE																.04			.01						.05
YOUNGSVILLE																.02									.02
													—18th—												
ALLENS MILLS																									
ALLENTOWN WB AIRPORT							.05		.05	.30	.01		.01		.29							.68	.14	.02	.71
AUSTINBURG 2 W												.02	.05												.84
BETHLEHEM LEHIGH UNIV																									.07
BLAIN																						.14	.17	.02	.33
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.25	*	.11	.11	*	.01						.23
BLAKESLEE CORNERS																*	*		*	.42					
BOSWELL												.18	.02								.10	.10	.05	.02	.27
BROOKVILLE AIRPORT 6									*	*	*	*	*	.16	*	*	*	.20	*	.29					.40
BUCKSTOWN													.03	.76											
BUTLER SUBSTATION							.06		.09				.20												.79
CANTON 1 NW																.01	.07	.07							.35
CARTER CAMP												.07	.17					.30							.15
CHAMBERSBURG																	.47	.13	.02						.54
CHARLEROI											.11						.10								.62
CLARION 3 SW						.04		.09		.01				.30	.01										.21
COALPORT											.05	.01	.10	.09			.01								.45
COATESVILLE 1 SW																					.55	.13	.02	.01	.26
CONFLUENCE 1 SW													.08	.01											.71
CONNELLSVILLE 4 N													.08												.09
CRESSON 1 E SUMMIT												.23	.17	.25			.03	.08							.08
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.27											.76
DRIFTWOOD												.05	.03					.12							.20
DU BOIS 7 E					.01					.03	.12				.01	.03									.20
DUNLO														.08			.01	.12	.06						.27
DUSHORE														*	*	*	*	*	*	*	*	*	*	*	*
EAGLES MERE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPORIUM										.01	.03	.02	.01	.01		.28	.02								.38
ENGLISH CENTER																	.17							.02	.19
ERIE WB CITY			.11		.22	.02	.01	.01			.16	.05	.02												.60
ERIE AIRPORT 6			*	*	*	*	*	.14	*	*	*	*	*	.11	*	*	*	*	*	.02					
EVERETT							.01								.10	.02									.12
FORD CITY 4 S //							.01	.12	.01	.11		.02			.04	.02									.21
FRANKLIN						.01							.16	.11											.41
GETTYSBURG 1 S																		.60	.25	.05	.01				.91
GLENCOE															.27	.03									.30
GLEN ROCK																		.02	.53	.17	.15	.06			.93
GOOD SPRINGS 1 NW																			.35	.15	.06	.01			.57
GREENSBURG 2 E HIGHWAY SHED												.08													.08
HARRISBURG 3 S WB AIRPORT																		.28	.33	.13					.74
HAWLEY 1 S WALLEN DAM																				.01				.02	.03
HEWITT 2 S															.55										.55
HOLLIDAYSBURG														.12	.07			.01	.02						.22
HOLTWOOD																					.48	.03	.16	.03	.70
HOME									.26	.28		.02													.56
HONESDALE 6 N TANNERS FALLS //																						.03	.06	.02	.11
HUNTSDALE																	.17	.17	.01	.01					.36
INDIANA 2 SE											.07		.13		.03	.28									.51
JACKSON SUMMIT																					.04				.04
JAMESTOWN 2 NW					.20	.10	.01			.01	.01		.01							.23					.57
JOHNSTOWN 2													.15	.03				.12							.30
KANE 5 SE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.20					.20
KIRKWOOD 1 SW																				.48	.10	.12	.04		.74
LANCASTER 2 NE FILTER PLANT																				.46	.05	.12	.04		.67
LAURELTON STATE VILLAGE																.02	.70	.05							.77
LEBANON 3 SW																			.30	.18	.02				.50
LEHIGHTON																				.15	.17	.14	.04	.04	.54
LEWISTOWN																.12	.14	.04							.30
LOCK HAVEN 2															.20										.20
MARIENVILLE							.09		.09						.10										.28
MARTINSBURG															.17	.03									.20
MARTINSBURG BLAIR CO AIRPORT 6															*	*	*	*	*	.18					
MEADOW RUN PONDS																						.65	.20	.09	.94
MEADVILLE 1 S			.01	.01	.20	.08	.04														.01				.35
MEDIX RUN									.01		.11	.08	.01	.01			.12	.01							.35
MERCER 5 NE WB AIRPORT 6			*	*	*	*	*	.16	*	*	*	*	*	.11	*	*	*	*	*	.01					
MERCER HIGHWAY SHED		.01	.02		.03	.01	.01				.01	.14													.23
MERWINSBURG																					.22	.09	.10	.02	.43
MILAN								.01	.09																.10
MILLERSBURG 2 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLVILLE														*	*	*	*	*	*	*	*	*	*	*	*
MONROE FURNACE														.03	.05	.03	.01	.01							.13
MONTROSE																				.07	.30	.05			.42
MOUNT POCONO 2 N WB AIRPORT //																						.12	.05	.03	.20
MOUNT UNION 1 NW //																.32	.08								.40
MURRYSVILLE										.07		.07			.20	.09	.01								.44
NEFFS MILLS 4 NE															.10										.10
NEW CASTLE 1 N						.13			.02			.19													.34
PALMERTON																					.26	.14	.13	.05	.58
PARKERS LANDING 1 E							.05	.13		.01				.21											.40
PARK PLACE 1 NW WB AIRPORT 6																					*	*	*	.63	
PHILADELPHIA WB AIRPORT																							.30	.05	.35
PHILADELPHIA POINT BREEZE																								.18	.18
PHILADELPHIA WB CITY																							.12	.08	.20
PHILLIPSBURG 7 E AIRPORT															.08	.01	.01								.10
PHOENIXVILLE 1 E PUMP STATION																						.04	.17	.01	.22
PIKES CREEK																	.17	.10	.01						.28
PINE GROVE MILLS 1 S														.01	.17	.05	.01								.24
PITTSBURGH 7 SE WB AIRPORT //									.04	.01	.01	.03													.09
PITTSBURGH WB CITY									.08	.01		.02		.07	.03	.05									.26
PLEASANT MOUNT 1 W																						.10	.04	.01	.15

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PORT CLINTON										.09	.01								.15	.48	.17	.07	.07	.01	.95
PUNXSUTAWNEY 2										.04	.01				.02										.10
PUTNEYVILLE 2 SE									.05						.01	.01									.12
RAYMOND												.10													.12
READING WB CITY																					.29	.15	.09	.03	.56
RENOVO 6 S STATE CAMP													.18	.02											.20
RIDGWAY								*	*	*	*	*	*	.70											.70
ROCHESTER 1 N							.05		.05				.39												.49
SAXTON														*	*	*	*	*	*	*	*	*	*	*	*
SCANDIA							.05	.05	.02	.01				.01	.03	.01		.01	.01						.20
SCRANTON WB CITY																					.09	.16	.05	.01	.31
SELLERSVILLE 2 NW																							.10		.10
SHADE GAP																.46	.02								.48
SHEFFIELD 6 W CHERRY GROVE														.10	.20									*	*
SMETHPORT HIGHWAY SHED										.07						.24	.02	.01							.34
SOUTH CANAAN 1 E																						.01	.15	.07	.23
SPRING GROVE																		.28	.15	.15	.04	.01			.63
STATE COLLEGE														.20	.23	.20									.63
STRONGSTOWN													.05			.06	.04								.15
STROUDSBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUNBURY																	.15	.10		.01					.26
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	1.03	*	*	*	.02	
TAMAQUA 4 N STILL CREEK DAM																				.36	.14	.08	.02		.60
TIONESTA 2 SE DAM //						.11		.04	.01	.01				.27											.44
TITUSVILLE					.01	.01	.09	.10	.01				.03	.57											.82
TOWANDA																		.20	.14	.02	.01				.37
TUNKHANNOCK 1 S																				.18	.06	.03	.01		.28
TUNNELTON //												.10	.01			.50	.07	.05							.73
TYRONE 4 NE BALD EAGLE													.13	.21	.04										.38
UNION CITY 1 W						.31	.02	.01		.01		.07	.30	.03	.01	.02					.03	.01			.82
VANDERGRIFT 2 W									.13		.06	.01		.09											.29
WASHINGTON											.11														.11
WAYNESBURG 2 W												.05													.05
WEBSTER MILLS 3 SW																.27	.08								.35
WELLSBORO 2 E																			.16						.16
WILLIAMSPORT																	.62	.06	.01						.69
WIND GAP 3 SW																						.33	.25	.05	.63
YORK 2 S FILTER PLANT																			.25	.18	.14	.03			.60
YOUNGSVILLE							.01	.29		.01		.01		.01	.17	.50									1.00
													—19th—												
ALLENTOWN WB AIRPORT	.01																								.01
AVOCA WILKES-BARRE SCRANTON AP 6	*	.29																							
BETHLEHEM LEHIGH UNIV	.01																								.01
BLAIN	.03	.01																							.04
BLAKESLEE CORNERS	.01																								.01
BUCKSTOWN																.04									.04
BUTLER SUBSTATION														1.00	.05	.04									1.09
CANTON 1 NW																				.05	.02				.07
CHAMBERSBURG																.57	1.20	.02							1.79
COALPORT																	.10								.10
COATESVILLE 1 SW	.01			.01		.01	.01	.01	.02	.01	.01						.03	.01							.09
CRESSON 1 E SUMMIT																									.04
CURWENSVILLE 6 NW AIRPORT 6	*	.02																							
DINGMANS FERRY	.05	.01																							.06
DUNLO		.01	.01		.01		.01									.26	.03								.33
DUSHORE	*																								*
ENGLISH CENTER	.01	.02	.01	.01	.04												.20								.29
EVERETT														.03	.03										.06
GETTYSBURG 1 S																		.19	.40	.02					.61
GLENCOE													.11				.02	.03							.16
GLEN ROCK														.04											.04
HARRISBURG 3 S WB AIRPORT			.04	.01																					.05
HAWLEY 1 S WALLEN DAM	.01	.01	.01																						.03
HEWITT 2 S															.23	.01	.01								.25
HOLLIDAYSBURG																.60	.50								1.10
HOLTWOOD				.01																					.01
HOME																							.01		.01
HONESDALE 6 N TANNERS FALLS //	.03		.01	.01																					.05
HUNTSDALE	.03																.02	.10							.15
JAMESTOWN 2 NW	.01		.01		.01		.01																		.04
JOHNSTOWN 2															.40	.09	.21				.01		.01		.72
KANE 5 SE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.05					.05
LANCASTER 2 NE FILTER PLANT									.03																.03
LEHIGHTON	.01																								.01
MARTINSBURG														.02	.05	.01	.01	.02	.01	.07					.12
MARTINSBURG BLAIR CO AIRPORT 6															*	*	*	*	*						
MEADOW RUN PONDS	.01	.02																							.03
MEADVILLE 1 S									.01					.18	.02										.21
MERCER 5 NE WB AIRPORT 6									*	*	*	*	*	.20											.03
MERWINSBURG	.03																								
MILLVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MOUNT POCONO 2 N WB AIRPORT //	.04																								.04
MURRYSVILLE															1.06	.01	.01	.01							1.09
PALMERTON	.01																								.01
PHILADELPHIA POINT BREEZE	.07																								.07
PHOENIXVILLE 1 E PUMP STATION		.01		.01																					.02
PITTSBURGH 7 SE WB AIRPORT //															.03										.03
PITTSBURGH WB CITY															.01	.08									.09
RAYMOND		.06				.01	.01		.03		.01														.12
READING WB CITY			.01																						.01
ROCHESTER 1 N														.29	.01										.30
SAXTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SCANDIA	.06	.01					.01	.01							.01	.02									.09
SHADE GAP																									.03
SHEFFIELD 6 W CHERRY GROVE	*	.09													.14		.01								.39
SMETHPORT HIGHWAY SHED	.10															.01			.01						.25
SOUTH CANAAN 1 E	.02	.02																		.14	.02				.06
SPRING GROVE																									.16
STRONGSTOWN																.01	.09								.10
SUNBURY				.01	.01	.01	.01																		.04
TIONESTA 2 SE DAM //														.10		.01									.11
TUNKHANNOCK 1 S								.02																	.02
TUNNELTON //																.03									.03

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TYRONE 4 NE BALD EAGLE															.06										.06
UNION CITY 1 W	.28																								.28
WELLSBORO 2 E																			.58						.58
WIND GAP 3 SW	.02																								.02
												—20th—													
ALLENTOWN WB AIRPORT						.01	.25	.09	.05	.02	.02	.01													.45
AVOCA WILKES-BARRE SCRANTON AP 6									*	*	*		*	.08	*	*	*	*	*	.41					
BETHLEHEM LEHIGH UNIV						.01	.05		.02	.02	.01								.01						.12
BLAKESLEE CORNERS										.01	.01	.01	.01	.01		.06						.01	.01	.08	.21
BUCKSTOWN												.20	.18							.06					.44
CANTON 1 NW																				.01	.04	.03	.02	.01	.11
CARTER CAMP																							.03	.01	.04
CHAMBERSBURG										.01	.02			.01	.14	.02									.20
CHARLEROI																			.02	.07					.09
CLARION 3 SW																	.30	.22							.52
COALPORT						.04	.01		.01																.06
COATESVILLE 1 SW																	.05				.25	.08	.02	.10	.45
CONFLUENCE 1 SW														.10			.06			.14					.05
CRESSON 1 E SUMMIT																	.02	.06	.02	.05	.03	.09	.05	.18	.30
DINGMANS FERRY							.01							.02											.50
DU BOIS 7 E							.01							.06		.01	.08	.98	.03	.05	.02				.03
DUNLO														*	*	*	*	*	*	*	*	*	*	*	1.24
DUSHORE																									*
EAGLES MERE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPORIUM																						.11	.01		.12
EVERETT																								.01	.01
FORD CITY 4 S //																				.20	.02				.22
GETTYSBURG 1 S														.02											.02
GLENCOE																								.01	.01
GOOD SPRINGS 1 NW															.01	.01	.01	.04	.03	.03	.03	.03	.01		.20
HAWLEY 1 S WALLEN DAM												.02	.02	.01	.03	.06	.03	.01	.02	.01	.01		.01	.01	.24
HEWITT 2 S																.03									.03
HOLLIDAYSBURG																		.04	.42	.05	.03	.02	.02		.58
HOLTWOOD								.12	1.01	.03															1.16
HOME		.01			.01		.02			.01	.02														.07
HONESDALE 6 N TANNERS FALLS //																.02	.01	.01		.06		.04	.01		.15
INDIANA 2 SE																			.02		.01				.03
JOHNSTOWN 2												.01		.14				.12	.06						.33
KANE 5 SE														*	*	*	*	*	*	.14					.14
KIRKWOOD 1 SW								.33	.02																.35
LANCASTER 2 NE FILTER PLANT								.03	.15	.10	.02	.01	.06												.37
LEBANON 3 SW															.02										.02
LEHIGHTON									.32	.15	.15														.62
LOCK HAVEN 2														*	*	*	*	*	*	*	*	*	*	*	*
MARTINSBURG																						.12			.12
MARTINSBURG BLAIR CO AIRPORT 6																					*	*	*	.16	
MEADOW RUN PONDS												.01	.01			.01	.01	.09				.02	.01		.16
MERWINSBURG									.25	.14	.02	.01												.04	.46
MILLVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MONTROSE																.50	.07	.03			.01		.06	.03	.70
MOUNT POCONO 2 N WB AIRPORT //									.01	1.07	.09	.01							.01		.06	.04	.06		1.35
PALMERTON								.17	.48	.37	.12			.06											1.20
PARKERS LANDING 1 E																						.01			.01
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.57	*	*	*	*	*	.07	*	*	*	*	*	.01	*	*	*	.98	
PHILADELPHIA WB AIRPORT				.03	.21	1.05	.06	.47	.05																1.87
PHILADELPHIA POINT BREEZE						.10	.57	.58	.29	.04															1.58
PHILADELPHIA WB CITY					.10	.24	.79	.17	.01																1.31
PHOENIXVILLE 1 E PUMP STATION						.06	.02	.01																	.09
PIKES CREEK									.07	.04			.01				.01	.02		.01	.01			.03	.20
PLEASANT MOUNT 1 W												.02	.01				.01		.01	.02	.05	.01			.13
PORT CLINTON								.10	.40	.06	.06	.02	.01	.02								.80	.50	.05	2.02
RAYWOOD						.01	.01																		.02
READING WB CITY								.06	.04	.20	.19	.07	.04		.03										.63
RENOVO 6 S STATE CAMP																					.01			.01	.02
SAXTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SCRANTON WB CITY															.03	.02		.38	.01		.01				.45
SELLERSVILLE 2 NW								.05	.01	.04								.01	.04						.10
SOUTH CANAAN 1 E																									.05
STRONGSTOWN																.02	.16	.30							.48
SUNBURY																	.03	.02	.02	.04					.11
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.07	*	*	*	.03	
TAMAQUA 4 N STILL CREEK DAM											.01	.01						.01				.05			.08
TOWANDA																				.03	.02	.02	.01	.03	.11
TUNKHANNOCK 1 S																			.02						.02
TYRONE 4 NE BALD EAGLE																				.02	.75	.25			1.02
VANDERGRIFT 2 W																				.10					.10
WILLIAMSPORT																						.04	.01		.05
WIND GAP 3 SW								.22	.25	.02	.23	.21													.93
												—21st—													
AVOCA WILKES-BARRE SCRANTON AP 6	*	.02																							
BLAIRSVILLE 6 ENE 6															*	*	*	*	*	.80					
BLAKESLEE CORNERS		.03																							.03
BUCKSTOWN																.03									.03
CANTON 1 NW	.01	.03																.01	.01						.06
CARTER CAMP					.01		.01		.01									.02							.05
CHAMBERSBURG																.04									.04
CHARLEROI								.01		.01				.02											.04
DINGMANS FERRY	.02																								.02
DUNLO										.01						.01		.14	.03						.19
DUSHORE	*	*	*	*	*	*	*	1.13																	1.13
EAGLES MERE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GETTYSBURG 1 S														.08	.02										.10
GLENCOE	.01	.02				.01																			.04
HAWLEY 1 S WALLEN DAM		.03	.01		.01		.01		.01																.07
HOLLIDAYSBURG									.01	.01															.02
HONESDALE 6 N TANNERS FALLS //	.02	.02																							.04
INDIANA 2 SE			.01				.01				.01					.01									.04
JACKSON SUMMIT																						.24	.01		.25
LEWISTOWN																.02									.02
LOCK HAVEN 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.02																	

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MEADOW RUN PONDS	.01	.06																							.07
MEDIX RUN	.05	.03		.01						.01															.10
MILLERSBURG 2 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLVILLE	*	*	*	*	*	*	*	.46																	.46
MOUNT POCONO 2 N WB AIRPORT //	.21	.01			.05				.01	.22									.03						.53
NEFFS MILLS 4 NE															.50	.02									.52
PARKERS LANDING 1 E																			.01		.01			.01	.03
PHILLIPSBURG 7 E AIRPORT	.01	.01	.01	.01				.01								.01	.01	.01							.08
PITTSBURGH 7 SE WB AIRPORT //													.05	.01											.06
RAYMOND											.01				.01										.02
RENOVO 6 S STATE CAMP		.02	.03	.01																					.06
ROCHESTER 1 N										.01	.01														.02
SAXTON	*	1.20																							1.20
SCRANTON WB CITY	.03	.02																							.05
SELLERSVILLE 2 NW																	.05								.05
SOUTH CANAAN 1 E		.01	.19																						.20
STATE COLLEGE		.01															.07								.08
STRONGSTOWN															.04	.09									.13
SUNBURY														*	*	*	*	*	*	.20					.20
TYRONE 4 NE BALD EAGLE	.01	.02																							.03
WILLIAMSPORT	.01	.04																							.05
											-22d-														
ALLENTOWN WB AIRPORT															.01	.03									.04
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.01					
BETHLEHEM LEHIGH UNIV													.02	.01	.01	.02									.06
BLAKESLEE CORNERS													.07												.07
CANTON 1 NW												.05													.05
CARTER CAMP															.15		.20	.02							.37
CHAMBERSBURG																			.14						.14
COALPORT																					.53				.53
DINGMANS FERRY														.01											.01
GETTYSBURG 1 S								*	*	*	*	*	*	*	.40										.40
GOOD SPRINGS 1 NW													.02	.02											.04
HOLLIDAYSBURG																						.20	.33		.53
HOLTWOOD																.07									.07
JACKSON SUMMIT																				.26	.01				.27
JOHNSTOWN 2									.01	.01	.01														.03
KIRKWOOD 1 SW															.40	.02									.42
LANCASTER 2 NE FILTER PLANT																				.03					.03
LAURELTON STATE VILLAGE														.10	.02	.03	.01	.01	.01						.18
LEBANON 3 SW														.05	.30	.50	.08								.93
LEHIGHTON														.53											.53
LOCK HAVEN 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MARTINSBURG BLAIR CO AIRPORT 6																				*	*	*	*	.01	
MEADOW RUN PONDS													.46	.10	.01	.01									.58
MEDIX RUN															.08	.09	.01								.18
MERCER 5 NE WB AIRPORT 6																*	*	*	*	.06					
MERWINSBURG													.58	.10	.05										.73
MILLERSBURG 2 E															.02	.10	.26	.02							.40
MONROE FURNACE																					.01	.01			.02
MONTROSE															.55	.02	.01								.58
MOUNT POCONO 2 N WB AIRPORT //												.16	.10	.05	.02										.33
PALMERTON														1.13	.08										1.21
PARK PLACE 1 NW WB AIRPORT 6									*	*	*	*	*	.10											
PHILADELPHIA WB AIRPORT																.03	.01								.04
PHILADELPHIA POINT BREEZE																		.01	.01						.02
PHILADELPHIA WB CITY															.17	.38	.05								.60
PHOENIXVILLE 1 E PUMP STATION														.01	.02	.01	.40	.07							.51
PIKES CREEK								.01	.04	.05	.10	.02	.01	.01	.01										.25
PINE GROVE MILLS 1 S																					.02		.01		.03
PLEASANT MOUNT 1 W												.03	.03												.06
RAYMOND										.01	.01														.02
READING WB CITY															.30	.04	.01								.35
RENOVO 6 S STATE CAMP																		.38							.38
SELLERSVILLE 2 NW																.07	.05								.12
SMETHPORT HIGHWAY SHED									.01	.01					.10	.01	.01	.01							.15
SPRING GROVE						.03																			.03
STATE COLLEGE				.01	.01															.28	.04				.34
STROUDSBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUNBURY								*	*	*	*	*	*	*	*	*	*	*	*	.20					.20
SUNBURY AIRPORT 2 N 6									*	*	*	*	*	.12	*	*	*	*	*	.03					
TAMAQUA 4 N STILL CREEK DAM												.12	.04	.04											.20
WIND GAP 3 SW															.13	.02	.01								.16
YORK 2 S FILTER PLANT						.11																			.11
											-23d-														
ALBION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COALPORT			.01	.01																					.02
COATESVILLE 1 SW															.02	.02									.04
LOCK HAVEN 2	*	*	*	*	*	*	.17											.30	.65	.09	.01				.17
MILLVILLE																.01									1.05
PHILADELPHIA WB AIRPORT																		.01	.01						.01
SMETHPORT HIGHWAY SHED																									.02
											-25th-														
MILLVILLE														.03	.01	.01	.01				.01				.07
											-26th-														
MILLVILLE							.01																		.01
											-28th-														
ALLENS MILLS																					.06	.01	.01	.01	.09
AUSTINBURG 2 W														.20											.20
BROOKVILLE AIRPORT 6															*	*	*	*	*	.60	*	*	*	.26	
HONESDALE 6 N TANNERS FALLS //																			.20	.01					.21
MEDIX RUN																					.06				.06
MERCER 5 NE WB AIRPORT 6															*	*	*	*	*	.21					
MOUNT UNION 1 NW //													.08	.01	.01										.10
PARKERS LANDING 1 E											.01	.01							.01	.01					.04
RAYMOND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
RIDGWAY																					.14				.14
SHADE GAP															.18	.04	.02	.03							.03
SUNBURY															*	*	*	*	*	.03					.24
SUNBURY AIRPORT 2 N 6														.14	.02										.16
TITUSVILLE																									
													-29th-												
ALLENS MILLS	.01							.01	.01	.01															.04
BOSWELL															.38	.01									.39
CHAMBERSBURG																.11									.11
CONFLUENCE 1 SW													.03	.02											.05
GETTYSBURG 1 S																.20									.20
GREENSBURG 2 E HIGHWAY SHED														.04											.04
HUNTSDALE														.06											.06
KANE 5 SE			.04				.10			.01															.15
PITTSBURGH 7 SE WB AIRPORT //													.05	.03											.08
RENOVO 6 S STATE CAMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHADE GAP															.03	.02									.05
TUNNELTON //													.10												.10
UNION CITY 1 W		.10																							.10
WAYNESBURG 2 W													.02	.01											.03
YOUNGSVILLE																				.06					.06
													-30th-												
ALBION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOSWELL										.01											*	*	*	.02	.01
BROOKVILLE AIRPORT 6														.02											.02
CONFLUENCE 1 SW														.03											.03
CONNELLSVILLE 4 N																									.03
CURWENSVILLE 6 NW AIRPORT 6																					*	*	*	.01	.01
DUNLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ERIE WB CITY																							.15	.02	.17
ERIE AIRPORT 6																					*	*	*		
GREENSBURG 2 E HIGHWAY SHED											.15														.15
MERCER 5 NE WB AIRPORT 6																					*	*	*	.01	.01
RENOVO 6 S STATE CAMP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNION CITY 1 W																							.34	.01	.35
WAYNESBURG 2 W											.06	.16	.01												.23
													-31st-												
ALBION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.02																	.02
BOSWELL			.02	.02																					.04
BUCKSTOWN	*	*	*	*	*	*	*	.16																	.16
CHAMBERSBURG								.01	.01																.02
CHARLEROI			.02																						.02
CONFLUENCE 1 SW			.01	.02	.02	.02	.01		.02																.10
CONNELLSVILLE 4 N			.02	.04	.01	.01	.01																		.09
DUNLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ERIE AIRPORT 6	*	.02																							.02
EVERETT					.02	.01	.01																		.04
GLENCOE					.01	.06	.02	.01																	.10
HOLLIDAYSBURG				.05	.01																				.06
JOHNSTOWN 2				.05																					.05
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAURELTON STATE VILLAGE	.02	.01	.01		.01																				.05
LEHIGHTON							.02	.01																	.03
MARTINSBURG				.01	.03	.06																			.10
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.09																	.05
MONROE FURNACE	.01			.03	.01																				.03
MOUNT POCONO 2 N WB AIRPORT //					.01	.01	.01																		.03
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.05																	.05
PHILADELPHIA POINT BREEZE				.10																					.10
PHILADELPHIA WB CITY			.06	.01																					.01
PINE GROVE MILLS 1 S			.02	.03																					.03
SAXTON				.02	.08																				.10
STATE COLLEGE		.01	.01																						.01
SUNBURY			.01	.03	.01	.01	.02	.01																	.07
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.05																	.05
TUNNELTON //		.02	.01																						.03

See reference notes following Station Index

TABLE 5

DAILY TEMPERATURES (° FAHRENHEIT)

PENNSYLVANIA
AUGUST 1948

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLENTOWN WB AIRPORT	MAX	78	87	78	77	68	76	77	81	82	81	81	84	84	80	85	84	81	79	80	75	82	81	86	90	95	99	98	97	93	89	81	83.5
	MIN	65	64	66	62	60	59	56	51	55	52	55	66	63	58	58	58	58	60	63	66	64	60	60	61	67	70	67	68	73	66	57	61.5
ALLENTOWN GAS CO	MAX	85	76	87	77	78	68	77	77	79	81	80	81	84	83	81	83	84	81	80	80	75	81	80	86	88	95	100	98	97	94	89	83.4
	MIN	70	70	68	65	66	60	60	53	55	58	55	58	66	59	58	58	59	61	63	66	65	66	61	63	58	70	68	68	69	71	66	63.0
ALTOONA HORSESHOE CURVE	MAX	85	84	79	78	69	74	74	78	79	78	76	84	74	77	80	80	79	65	75	78	78	79	83	84	92	95	94	96	89	87	77	80.6
	MIN	58	57	55	58	54	48	52	47	55	47	54	62	60	55	53	54	52	52	56	54	58	57	58	56	65	68	62	67	69	66	60	57.0
ARENDTSVILLE	MAX	82	80	88	78	74	82	77	79	81	81	81	78	85	82	80	84	84	81	83	80	77	81	81	83	88	94	99	98	100	95	92	84.1
	MIN	67	63	63	65	62	54	52	54	56	52	56	61	59	56	58	58	57	57	63	61	61	58	63	62	63	65	70	67	73	63	66	60.8
AVOCA WILKES-BARRE AP	MAX	82	83	80	74	65	72	72	77	76	76	78	82	75	77	82	83	81	79	80	72	80	74	83	87	93	98	94	94	91	80	74	80.5
	MIN	62	64	62	60	55	54	52	50	52	53	53	66	61	60	61	54	59	58	61	64	64	62	61	61	67	70	66	68	71	67	53	60.4
BAKERSTOWN 4 WNW	MAX	76	77	76	79	72	59	77	68	73	75	77	75	70	72	74	75	73	70	70	73	77	75	79	82	84	85	90	98	89	84	76	76.8
	MIN	53	53	53	53	52	47	47	45	45	45	46	53	50	50	51	50	51	50	50	53	53	54	56	56	60	59	60	64	64	59	57	52.9
BEAVERTOWN	MAX					73	76	76	80	83	85	83	85	85	79	84	87	87	80	77	74	82	85	86	91	96	101	104	101	98	88	81	85.4
	MIN																																
BELLEFONTE ROCKVIEW FARM	MAX	85	87	85	81	75	59	76	77	77	79	80	77	84	75	79	84	81	79	76	78	78	79	84	84	88	94	92	98	96	90	86	82.0
	MIN	59	62	56	54	53	53	55	47	53	49	54	60	61	57	52	57	55	56	59	59	61	60	61	60	62	62	70	70	72	64	52	58.2
BERWICK	MAX	86	87	86	77	75	77	77	79	79	79	78	84	83	80	85	84	85	82	80	84	83	80	85	89	96	99	99	98	97	90	87	84.8
	MIN	63	62	62	63	61	56	53	49	53	48	52	67	61	65	55	55	62	59	63	65	64	60	60	61	63	67	65	67	68	62	62	60.4
BETHLEHEM LEHIGH UNIV	MAX	75	88	74	76	65	75	75	80	84	82	81	82	82	78	82	85	79	79	81	72	80	78	89	89	95	100	100	97	93	89	80	82.7
	MIN	65	64	66	64	58	57	57	52	56	54	55	66	65	60	61	60	59	61	62	66	64	61	60	63	68	78	70	70	77	70	64	63.0
BLAIRSVILLE 6 ENE	MAX	78	77	79	77	60	68	69	74	73	77	75	77	72	72	75	78	75	73	76	78	76	80	82	83	86	92	94	91	85	80	72	77.5
	MIN	60	58	57	56	47	47	54	52	53	52	60	60	60	54	55	54	57	59	57	54	58	59	64	62	69	72	72	72	68	63	51	58.6
BRADFORD 4 W RES NO 1	MAX	79	78	77	74	71	70	69	71	72	75	76	72	69	73	75	76	78	71	72	76	80	80	84	85	90	91	93	92	89	81	76	77.9
	MIN	43	55	42	48	53	47	49	40	47	37	50	60	52	56	43	50	49	53	55	52	55	57	53	55	57	56	56	61	62	50	51	51.4
BROOKVILLE AIRPORT	MAX	82	78	82	75	60	71	75	75	74	78	72	80	72	75	79	78	80	72	79	78	80	83	85	88	92	94	94	95	86	78	74	79.6
	MIN	50	56	51	54	48	45	48	43	49	42	53	61	54	50	49	49	51	50	56	53	56	55	56	54	56	62	60	64	62	55	47	52.5
BURGETTSTOWN 3 W	MAX	83	83	83	84	79	66	75	78	80	78	83	80	83	76	77	79	83	82	80	81	83	83	86	87	91	94	94	99	97	90	83	83.2
	MIN	56	52	50	55	46	45	45	49	45	50	59	56	47	46	47	51	55	55	50	55	53	55	56	57	58	61	61	60	60	61	36	52.6
BURNT CABINS 2 NE	MAX	87	88	78	75	62	77	79	81	80	82	82	89	82	79	84	85	82	80	83	79	84	87	85	89	95	99	101	100	93	90	79	84.4
	MIN	62	54	57	57	56	44	45	43	49	42	52	62	56	50	45	50	50	50	58	51	58	55	61	56	65	60	57	59	62	59	52	54.
BUTLER	MAX	87	87	85	85	78	72	75	75	81	80	84	76	84	75	81	83	85	82	81	81	83	90	88	91	94	96	101	100	100	93	82	85.
	MIN	54	55	52	55	56	47	51	51	45	44	55	61	60	52	51	50	55	60	58	52	56	60	58	57	59	64	63	66	63	59	62	55.
CANTON 1 NW	MAX	85	82	81	79	78	63	72	70	73	73	70	71	79	72	74	78	79	78	69	78	79	79	76	83	86	94	95	94	97	87	82	79.
	MIN	60	60	61	59	60	53	53	53	55	50	50	54	63	62	58	57	58	62	63	60	61	60	62	63	66	71	74	69	71	63	59	60.
CARLISLE	MAX	83	90	80	74	72	78	78	79	78	77	77	83	82	79	82	81	80	84	76	75	80	81	84	88	94	100	98	102	96	93	85	83.
	MIN	67	64	73	66	57	54	54	50	53	50	55	64	60	55	55	55	55	58	61	62	60	59	62	60	62	67	65	67	69	64	60	60.
CHAMBERSBURG	MAX	80	87	77	77	67	79	80	82	83	81	82	85	80	82	85	84	82	82	83	80	83	83	84	87	96	98	98	97	94	91	82	84.
	MIN	65	65	63	63	58	52	50	50	54	49	56	65	61	57	51	56	56	58	60	59	61	58	64	61	64	66	65	64	67	63	61	59.
CLARION 3 SW	MAX	84	81	82	74	69	74	75	78	77	81	71	81	73	77	81	82	80	75	80	82	85	85	86	91	93	97	96	97	87	78	75	81.
	MIN	60	56	49	50	51	40	49	42	51	44	52	58	56	50	47	49	51	52	55	53	54	56	56	55	57	62	59	64	61	54	53	53.
CLAYSVILLE	MAX	83	82	82	80	71	73	77	79	78	83	80	83	80	76	79	80	82	78	78	81	80	87	88	90	93	95	98	96	90	84	76	82.
	MIN	58	55	55	53	55	48	53	49	53	50	57	64	60	51	49	52	56	62	56	52	55	56	58	60	62	63	64	65	64	66	63	56.
COALPORT	MAX	84	85	84	85	80	58	75	75	60	60	82	76	83	77	78	82	83	80	73	80	80	80	86	86	88	92	94	97	96	89	86	81.
	MIN	55	52	50	50	53	46	45	44	45	45	41	56	50	48	46	47	49	50	50	54	54	55	59	55	56	58	60	59	61	57	60	51.
COATESVILLE 1 SW	MAX	80	72	85	83	72	75	77	77	82	81	81	82	82	82	80	84	85	80	79	77	73	79	79	80	84	89	97	96	97	93	90	82.
	MIN	64	65	67	66	63	59	64	54	55	52	54	63	64	59	60	56	55	54	62	60	58	62	60	60	60	67	63	66	68	64	66	61.
COLUMBIA	MAX	77	90	85	76	73	81	78	84	84	83	82	86	85	84	86	87	84	82	81	77	85	80	86	91	98	101	101	102	97	94	83	85.
	MIN	68	67	67	65	59	57	53	52	58	54	59	67	62	58	60	60	59	60	63	65	59	62	64	63	64	70	68	69	81	67	66	62.
CONFLUENCE 1 SW	MAX	83	82	84	80	80	61	70	74	78	72	80	78	82	71	75	80	82	78	79	81	81	80	83	85	88	91	95	98	95	88	84	81.
	MIN	61	56	57	57	57	46	48	50	54	51	52	57	64	55	54	53	53	54	55	56	57	58	59	60	61	63	63	63	64	61	60	56.
CORRY	MAX	82	78	78	78	70	71	71	74	74	80	75	80	71	75	77	82	80	71	76	76	84	83	86	90	92	95	96	94	86	80	77	80.
	MIN	51	53	46	53	56	48	52	44	46	40	58	59	59	53	47	50	55	59	54	57	53	56	53	56	62	58	60	66	68	56	58	54.
CURWENSVILLE 6 NW AP	MAX	78	76	78	73	60	69	70	72	71	78	71	75	70	71	74	75	75	68	75	75	76	79	82	83	88	91	92	91	84	77	70	76.
	MIN	56	57	59	58	46	46	44	44	49	48	56	60	52	52	49	55	55	54	56	54	56	57	57	59	64	63	68	67	63	57	45	55.
DERRY	MAX	84	82	84	82	72	75	74	77	82	80	77	83	80	78	81	82	84	79	79	83	75	85	87	88	96	93	97	97	88	84	75	82.
	MIN	61	59	56	55	55	48	52	47	52	47	62	65	59	54	51	51	51	65	57	55	62	57	61	59	64	64	64	67	69	65	60	57
DONEGAL	MAX	80	80	80	76	58	68	74	75	73	78	80	79	71	73	76	79	75	73	76	80	78	83	84	86	88	94	98	93	86	80	80	79.
	MIN	56	51	54	51	43	38	44	44	49	42	54	58	58	48	43	45	52	50	52	51	52	49	51	55	56	56	55	60	58	60	50	51.
DONORA	MAX	88	87	87	84	78	78	79	83	82	84	80	86	80	81	80	85	79	79	82	85	83	85	88	94	96	99	100	100	93	89	77	85.
	MIN	64	62	62	61	56	52	55	55	58	53	61	67	64	55	55	57	63	64	62	59	62	61	64	65	69	70	68	72	69	69	64	61.
EAGLES MERE	MAX	78	76	78	75	78	58	68	68	70	70	72	66	75	70	70	76	74	74	68	71	69	71	73	75	79	86	91	90	88	85	77	74.
	MIN	58	58	59	58	56	48	49	48	49	54	54	59	59	54	55	55	59	58	58	59	60	60	60	60	63	66	72	73	67	61	55	58.
EAST WATERFORD 3 E	MAX	80	81	70	69	62	70	70	74	72	74	68	79	74	72	78	75	75	73	70	72	74	77	77	84	89	93	93	95	87	85	72	76.
	MIN	64	62	63	61	51	49	55	52	57	56	60	62	63	55	57	62	60	59	58	61	60	61	63	65	69	73	75	78	74	67	58	61.
EBENSBURG	MAX	78	79	79	80	79	57	69	67	72	73	78	75	77	69	73	78	81	76	72	77	79	79	84	85	87	95	94	93	85	80	72	78
	MIN	57	57	55	55	53	44	49	47	51	47	55	61	50	51	50	51	52	53	55	49	56	56	56	62	66	64	65	66	62	58		55
EMPORIUM	MAX	86	82	83	79	68	75	74	76	77	79	80	83	73	77	82	82	83	73	83	80	81	84	87	90	94	97	98	97	89	84	76	81.
	MIN	54	60	52	52	57	49	50	44	52	44	46	57	60	54	50	54	54	50	55	55	58	60	58	59	61	63	64	65	64	58	56	55.
EPHRATA	MAX	82	75	82	79	75	73	79	75	82	82	83	82	82	82	83	87	86	82	81	77	70	82	85	85	89	94	99	100	97	95	92	83.
	MIN	67	64	67	61	61	55	55	52	56	54	56	65	62	58	61	61	59	59	61	65	58	63	61	63	66	71	66	68	73	67	65	62.

See reference notes following Station Index

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

PENNSYLVANIA
AUGUST 1948

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ERIE WB CITY	MAX	79	74	77	76	64	73	70	76	74	80	75	77	70	74	77	78	83	72	74	77	81	81	83	88	89	92	92	92	82	76	70	78.3
	MIN	64	62	60	64	58	60	60	59	59	56	65	63	65	62	61	64	65	65	63	64	64	66	64	69	76	75	77	79	71	64	58	64.5
EVERETT	MAX	86	90	66	67	66	74	70	79	81	81	81	84	76	78	81	83	80	81	76	82	79	83	83	88	94	97	98	98	92	89	76	81.9
	MIN	59	55	58	60	53	51	49	49	51	46	54	56	60	54	51	51	51	51	59	59	60	59	62	61	63	53	61	62	64	60	59	56.2
FARRELL SHARON	MAX	82	82	87	79	76	81	79	83	83	83	83	79	74	77	79	82	83	83	77	81	81	82	83	87	90	91	90	90	89	85	73	82.4
	MIN	69	70	67	67	60	53	63	53	53	53	67	65	64	63	58	60	66	70	63	64	65	68	66	68	72	74	72	79	80	70	62	65.3
FORD CITY 4 S	MAX	82	83	82	84	79	61	73	75	79	77	82	75	82	74	77	79	82	79	76	80	83	82	85	87	90	92	96	97	89	89	83	81.7
	MIN	56	57	52	54	51	46	48	46	47	47	49	57	59	51	51	51	53	55	56	53	55	56	55	56	57	61	64	64	64	59	60	54.5
FRANKLIN	MAX	82	82	80	80	79	69	74	75	76	78	80	73	80	71	76	80	83	79	75	78	82	82	86	87	90	94	94	93	96	87	79	81.3
	MIN	54	54	52	52	56	55	54	46	47	49	50	58	61	56	53	54	54	59	56	57	58	59	59	58	59	62	65	66	67	58	60	56.4
FREDERICKSVILLE 1 SE	MAX	75	83	74	73	75	74	78	76	79	80	78	80	80	78	82	82	78	76	75	70	79	76	84	85	90	96	95	94	90	85	78	80.6
	MIN	64	66	63	66	61	58	60	61	62	62	62	60	69	63	67	66	62	61	62	62	65	62	66	68	70	74	76	74	69	65	64	64.8
FREELAND	MAX	80	83	83	72	72	70	74	73	73	76	75	79	78	73	81	81	80	79	77	74	76	73	81	82	89	94	94	92	86	84	77	79.4
	MIN	62	56	59	57	50	51	50	53	53	50	55	62	63	54	54	57	57	57	58	60	59	61	52	63	67	71	67	70	70	64	57	58.7
GEORGE SCHOOL	MAX	78	84	76	71	71	75	76	79	80	80	81	79	84	81	84	86	81	81	84	76	81	92	87	91	93	97	98	96	93	90	80	83.4
	MIN	68	64	69	67	62	56	53	50	55	56	53	66	65	57	57	56	60	61	61	65	63	61	61	63	66	69	66	67	72	65	65	61.9
GETTYSBURG	MAX	79	75	86	80	74	67	78	78	83	82	82	76	84	82	84	84	85	82	83	80	75	80	78	83	88	94	99	100	99	96	92	83.5
	MIN	67	60	62	66	62	56	56	55	57	54	59	65	62	61	57	58	54	60	63	63	63	60	65	67	67	70	70	69	73	68	67	62.5
GORDON	MAX	83	86	79	72	70	73	74	78	80	80	75	83	80	73	83	81	80	80	80	75	80	77	84	88	94	97	97	97	90	86	78	81.7
	MIN	69	59	58	59	57	52	46	45	46	42	49	62	59	49	53	51	56	53	60	60	60	58	57	56	60	65	59	60	63	58	59	56.1
GREENSBURG 2 S FILTER STA	MAX	82	82	83	82	74	74	75	78	78	81	78	82	79	77	78	82	78	76	80	81	80	84	86	88	92	98	98	95	92	84	79	82.5
	MIN	58	58	54	52	56	46	46	49	50	45	51	66	58	50	49	50	52	52	55	54	52	52	56	55	58	61	60	63	58	61	63	54.5
GREENVILLE	MAX	85	80	80	78	69	74	75	77	77	83	74	80	71	77	81	83	84	81	78	80	85	85	89	91	95	96	95	96	89	86	75	82.2
	MIN	50	52	47	52	55	42	50	42	52	42	54	58	56	53	49	48	55	60	55	55	55	57	55	57	59	60	63	65	67	55	56	54.1
HANOVER	MAX	78	74	86	80	74	68	77	78	80	79	80	78	82	82	80	83	82	82	82	78	76	82	79	81	88	94	97	97	99	95	92	82.7
	MIN	68	66	67	67	63	55	55	56	57	54	57	67	63	58	61	58	61	62	63	64	63	62	65	65	66	70	71	71	73	69	67	63.4
HARRISBURG 3 S WB AP	MAX	80	87	75	74	67	77	76	80	77	82	77	86	80	79	85	84	80	82	80	73	79	83	85	90	93	99	97	100	93	90	78	82.8
	MIN	66	67	66	62	59	57	58	55	56	54	62	67	62	59	62	62	59	63	64	63	61	63	65	64	69	74	71	71	75	69	59	63.4
HAWLEY	MAX	84	86	81	73	64	75	73	78	77	80	79	83	82	78	84	85	80	78	78	71	83	79	85	87	95	100	96	94	93	83	77	82.0
	MIN	56	58	55	56	56	55	49	44	49	52	52	60	56	55	50	49	54	51	60	63	61	59	55	58	58	62	59	64	63	59	53	55.8
HAWLEY 1 S WALLEN DAM	MAX		79	80	79	73	63	70	67	72	72	75	75	78	74	73	78	80	77	75	77	70	80	75	81	85	90	93	94	91	86	78	78.0
	MIN	52	52	50	51	53	52	46	39	44	40	39	41	43	54	50	43	43	47	54	57	56	53	49	50	51	62	59	61	59	57	55	50.4
HEWITT 2 S	MAX		87	86	79	75	76	87	80	81	83	85	81	80	89	89	85	82		82	80	84	85	79	89	95	88	99	99	94	90	79	85.1
	MIN		60	62	63	58	60	62	50	50	58	57	55	56	57	52	64	64		65	64	68	67	68	64	68	68	60	60	59	65	57	60.7
HOLTWOOD	MAX	75	86	81	74	73	77	77	82	77	79	81	84	81	79	84	84	84	81	81	75	82	82	82	86	93	93	93	99	91	90	81	82.8
	MIN	68	70	70	68	63	61	63	59	63	61	64	70	64	64	66	64	63	63	66	68	64	68	68	68	70	73	72	73	77	72	63	66.6
HUNTINGDON	MAX	89	88	88	81	79	65	78	71	80	80	81	76	85	80	81	79	82	81	82	80	82	83	85	87	90	97	100	100	100	94	89	84.3
	MIN	59	53	54	59	60	52	50	50	53	48	49	54	60	51	50	51	55	52	53	61	60	60	61	63	63	65	63	64	64	59	59	56.6
INDIANA 2 SE	MAX	82	83	84	81	70	73	72	78	77	81	75	80	74	77	79	82	79	74	80	82	79	82	86	88	91	95	95	95	88	84	76	81.4
	MIN	54	53	52	51	55	43	45	44	50	45	65	62	57	49	46	48	50	52	52	52	56	58	64	55	58	60	61	62	61	58	60	54.1
INDIANA	MAX	84	83	83	83	75	73	72	78	78	82	81	81	81	76	79		79	77	80	80	80	85	85	88	93	96	97	98	95	86	80	82.9
	MIN	59	58	58	58	45	45	51	57	53	53	60	62	61	51	51		58	59	57	54	60	60	62	61	65	67	69	68	67	64	62	58.4
IRWIN	MAX	84	85	85	85	77	73	75	77	79	81	81	84	82	81	81	84	83	83	84	84	80	86	89	90	94	98	99	98	93	87	85	84.7
	MIN	59	57	57	55	56	47	52	48	51	47	56	63	62	50	50	52	57	56	55	59	58	56	58	60	64	65	64	68	67	66	63	57.4
JAMESTOWN 2 NW	MAX	82	83	77	79	77	68	75	75	78	75	80	73	79	72	77	79	80	80	75	78	80	83	84	87	90	94	95	95	95	89	77	81.0
	MIN	52	50	46	54	56	44	51	45	52	41	55	57	58	56	48	50	57	60	53	55	55	60	54	60	60	60	63	69	66	54	59	54.8
JOHNSTOWN 1	MAX	87	87	89	88	81	61	75	76	81	81	87	79	85	76	80	83	85	81	76	83	79	80	87	87	92	95	101	100	99	90	87	84.5
	MIN	60	57	59	59	59	46	51	51	54	48	51	64	64	55	52	52	52	52	59	58	60	59	61	60	62	62	64	65	67	65	65	57.8
KANE 1 NW	MAX	80	80	77	76	59	72	70	71	72	76	72	79	69	73	76	77	77	70	73	77	77	80	83	86	90	92	92	92	83	78	70	77.4
	MIN	43	49	43	49	49	45	41	36	43	34	50	58	50	48	42	46	48	51	52	48	52	51	48	47	52	52	53	52	57	49	38	47.6
LANCASTER 2 NE PUMP STA	MAX	77	85	80	75	73	80	77	82	79	81	80	81	82	81	84	82	80	79	78	77	79	80	82	85	90	92	92	92	90	87	82	82.1
	MIN	66	62	64	66	60	54	52	50	54	49	55	65	61	55	54	58	55	55	59	63	54	59	58	61	62	65	62	66	67	61	62	59.2
LANCASTER 3 NE EXP FARM	MAX		75	86	82	69	71	77	76	80	80	80	82	82	81	83	84	80	78	77	67	80	81	82	86	92	96	98	96	93	90	82.1
	MIN	68	64	67	65	61	56	54	51	55	52	57	63	62	58	57	60	59	58	61	65	57	61	63	63	66	69	65	67	71	64	64	61.4
LAWRENCEVILLE	MAX	89	84	82	81	75	74	72	76	75	80	78	85	73	75	75	84	83	73	81	80	83	84	89	91	97	100	96	97	91	81	73	82.5
	MIN	51	60	54	55	53	51	47	45	50	45	49	62	59	56	50	53	55	53	56	57	61	60	59	59	60	62	62	65	63	58	55	55.6
LEBANON	MAX	76	80	89	75	76	68	78	78	80	82	81	79	85	88	82	86	86	83	81	79	72	82	85	86	89	95	99	100	99	95	91	84.4
	MIN	86	66	67	67	62	57	54	52	55	53	55	62	62	57	57	61	63	61	62	64	58	62	63	64	66	67	68	68	72	66	66	62.1
LEWISTOWN	MAX	91	96	80	83	77	64	79	80	81	82	83	76	87	81	82	85	86	83	83	78	80	85	88	89	93	99	103	101	102	96	93	86.0
	MIN	61	63	44	65	64	57	54	50	51	50	50	57	62	57	54	56	58	58	59	62	62	61	62	61	64	66	65	65	67	63	62	59.0
LONG POND	MAX	80	75	74	70	56	62	68	70	70	78	72	74	72	70	72	74	72	70	78	68	74	60	78	78	82	86	88	86	80	72	64	73.3
	MIN	68	65	62	60	55	52	54	64	58	54	64	60	68	60	56	56	64	62	66	62	58	69	58	67	68	70	70	68	70	64	54	62.1
MARCUS HOOK	MAX	86	74	86	84	74	83	82	82	88	86	88	83	85	90	88	91	88	83	83	84	77	87	84	87	88	99	106	105	104	101	99	87.9
	MIN	71	69	70	71	68	61	62	62	64	63	64	69	72	65	65	62	64	65	65	66	65	67	67	68	70	73	78	76	79	74	71	67.9
MARTINSBURG BLAIR CO AP	MAX	82	85	76	76	64	72	73	77	78	79	76	80	73	76	80	80	79	76	79	78	80	81	82	86	92	96	96	97	90	86	77	80.7
	MIN	59	57	54	62	51	48	49	49	53	47	56	64	58	55	51	54	55	53	58	57	59	56	63	55	61	65	63	64	68	63	52	56.7
MAUCH CHUNK 1 SW	MAX	82	83	80	76		73	73	75	76	75	77	78	78	77		80	80	76	76	77	76	76	79	81	87	91	93	91	87	87	81	80.0
	MIN	66	60	56	60		44	52	42	47	44	45	63	58	57		51	62	54	61	60	62	60	57	56	60	68	61	62	70	60	61	57.2
MEADVILLE 1 S	MAX	81	82	78	79	79		75	75	77	76	81	73	79	72	76	81	83	82	73	79	79	82	86	89	91	94	97	94	95	88	79	81.8
	MIN	51	54	46	54	57	46	46	44	49	42	49	49	58	54	51	51	52	62	57	56	56	56	57	57	58	61	62	66	65	55	57	54.1

See reference notes following Station Index

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

PENNSYLVANIA
AUGUST 1948

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MERCER 5 NE WB AIRPORT	MAX	81	76	79	77	67	72	73	77	75	79	72	79	70	74	77	80	78	73	76	79	82	84	86	88	91	93	93	94	85	73	72	79.2
	MIN.	52	53	50	55	51	46	48	43	52	49	58	57	52	53	47	50	58	55	51	51	56	58	58	60	66	62	67	68	63	55	48	54.6
MIDDLETOWN OLMSTEAD FIELD	MAX	79	87	76	74	67	76	77	80	77	80	78	84	80	80	84	84	82	82	79	77	80	81	84	89	95	99	98	100	95	92	80	83.1
	MIN	68	68	66	64	59	57	55	54	56	54	60	68	62	61	62	62	59	62	64	61	59	62	65	66	70	72	70	70	74	69	56	63.1
MIDLAND DAM NO 7 LOWER	MAX	84	81	83	80	69	74	75	79	78	82	77	82	75	77	79	81	79	78	79	80	81	83	85	89	92	94	95	95	89	81	75	81.6
	MIN	57	64	55	58	57	52	52	53	55	52	59	60	59	55	54	55	59	65	59	59	59	61	62	63	62	70	68	69	69	65	61	59.6
MONTROSE 3 E HIGHWAY SHED	MAX	80	80	79	79	75	60	69	72	72	72	75	74	78	74	73	78	80	76	74	76	74		79	83	84	92	95	93	94	87	76	78.4
	MIN	57	57	55	54	53	50	46	48	48	48	49	54	58	57	53	52	52	54	55	57	58		58	58	60	62	66	67	67	60	53	55.6
MOUNT POCONO 2 N WB AP	MAX	77	79	75	69	61	67	68	71	72	72	72	75	75	73	77	78	74	73	75	69	74	72	78	82	89	93	92	89	85	77	73	76.0
	MIN	57	60	55	59	52	47	46	46	49	49	48	61	55	54	55	51	51	51	57	58	59	54	53	59	64	71	64	64	60	58	48	55.3
NEFFS MILLS 4 NE	MAX	86	87	85	83	80	68	76	77	79	79	80	73	84	78	79	84	83	81	75	78	80	81	85	87	88	95	99	100	98	93	90	83.6
	MIN	55	50	54	61	59	54	54	41	50	40	50	59	55	44	46	50	52	47	55	57	59	53	54	55	59	60	58	60	61	57	61	53.9
NEWBURG 3 W	MAX	74	84	72	70	58	70	73	75	74	74	70	76	78	72	76	76	76	75	74	74	74	76	78	82	89	94	94	93	88	85	72	77.3
	MIN	60	56	54	54	50	46	44	43	44	42	50	50	50	50	46	48	48	51	54	51	55	50	55	52	55	62	59	60	60	50	44	51.4
NEW CASTLE 1 N PUMP STA	MAX	85	81	83	80	71	75	77	79	79	89	73	83	73	77	80	81	84	79	77	82	84	86	89	91	95	97	96	96	90	84	76	83.0
	MIN	53	57	49	53	56	50	51	47	53	46	58	57	58	53	52	51	57	62	57	55	56	57	58	59	62	68	64	66	66	59	52	56.3
NEWELL	MAX	87	87	88	83	66	75	78	82	82	84	83	86	79	79	81	83	80	79	83	85	82	89	90	94	96	99	99	100	90	89	88	85.4
	MIN	64	59	63	58	54	53	50	55	63	55	58	68	56	56	55	63	60	60	60	61	59	62	65	64	65	67	70	67	68	75	66	61.3
NEWPORT	MAX	91	87	91	78	76	66	80	78	83	83	83	75	88	82	83	86	87	84	82	77	74	83	86	87	92	98	101	100	102	94	92	85.5
	MIN	62	62	59	61	59	54	49	48	49	45	45	52	58	52	50	52	53	55	57	61	61	59	55	61	62	63	63	61	64	59	60	56.5
PALMERTON	MAX	78	86	77	76	65	76	77	80	78	79	78	83	81	77	82	82	80	77	79	71	79	77	83	86	94	98	95	94	90	86	78	81.4
	MIN	68	67	64	62	59	58	53	50	53	49	52	66	63	57	56	56	58	60	63	65	64	61	60	61	67	68	65	66	69	63	56	60.6
PARK PLACE 1 NW WB AP	MAX	78	80	74	68	61	70	71	73	74	72	71	76	76	74	76	78	75	73	73	65	73	73	79	83	89	91	92	92	86	80	72	76.7
	MIN	61	60	60	58	50	50	50	52	52	51	59	62	57	54	54	60	59	57	58	60	58	59	60	64	66	72	71	74	68	62	48	59.3
PHIL DREXEL INST OF TECH	MAX	72	83	80	73	75	77	78	82	83	83	83	79	84	82	86	85	79	80	79	76	82	80	81	86	95	101	100	99	95	93	82	83.6
	MIN	69	68	72	69	63	60	63	58	64	63	66	69	69	64	65	68	65	67	65	66	65	69	67	68	70	75	76	79	79	76	65	67.8
PHILA FRANKLIN INST	MAX	86	86	82	74	75		77		83	82	84	78	85	81		86	79	82	83	75	83			85	85	95	100	99	91		75	83.6
	MIN	71		69	72	68	61	63			60	67	71	71	68	65		66	67	66	69	66	67		67	73	77	75	76	74		65	68.6
PHILADELPHIA WB AIRPORT	MAX	73	84	80	72	76	77	78	81	82	81	82	80	85	81	86	85	80	81	82	77	83	81	86	88	95	100	98	99	95	92	80	83.9
	MIN	68	68	71	68	61	60	60	58	60	60	60	69	66	62	61	62	62	63	64	66	63	66	66	64	71	74	72	72	76	69	61	65.3
PHILADELPHIA POINT BREEZE	MAX	73	84	83	72	76	78	78	82	83	81	84	79	85	81	87	90	80	84	84	76	86	83	86	89	94	100	101	100	94	92	82	84.7
	MIN	68	67	72	70	62	60	62	61	63	63	64	69	70	63	63	68	63	65	64	68	66	69	68	68	70	72	78	76	76	71	61	67.1
PHILADELPHIA SHAWMONT	MAX	82	85	84	74	72	76	77	80	82	84	82	80	83	82	86	85	80	82	82	80	82	83	85	90	93	97	97	99	95	93	90	84.6
	MIN	69	66	72	70	65	60	55	62	58	57	57	69	68	59	60	59	61	60	64	69	64	65	63	64	68	69	67	68	73	65	66	64.3
PHILADELPHIA WB CITY	MAX	72	84	80	74	74	77	77	82	83	82	82	78	84	81	85	85	79	80	79	75	82	82	81	85	93	101	100	98	94	93	82	83.4
	MIN	68	68	72	69	61	60	64	62	65	64	67	69	70	66	66	68	65	65	65	68	66	69	67	69	70	77	79	80	80	77	64	68.4
PHILLIPSBURG 7 E AIRPORT	MAX	80	78	78	73	63	70	71	74	73	74	70	78	72	72	78	77	75	67	73	72	74	78	80	82	88	92	92	92	85	80	72	76.9
	MIN	50	54	52	52	49	48	42	34	42	35	55	61	54	52	42	51	52	54	53	47	55	50	50	50	40	61	57	59	60	61	42	50.5
PHOENIXVILLE 1 E PUMP STA	MAX	78	88	80	73	72	78	79	84	84	82	85	90	91	85	89	90	85	82	81	83	82	82	85	90	95	100	100	100	95	93	81	85.9
	MIN	68																															
PITTSBURGH 7 SE WB AP	MAX	83	83	85	80	63	74	74	78	79	80	76	82	77	78	94	82	82	76	82	82	79	84	85	91	94	95	99	98	89	84	74	82.9
	MIN	62	64	61	59	56	52	52	55	50	55	63	62	62	56	67	61	61	62	61	59	62	61	66	66	67	72	72	73	72	66	57	61.7
PITTSBURGH WB CITY	MAX	85	85	85	86	66	75	77	80	79	82	74	84	77	78	80	82	77	77	80	82	82	86	88	92	96	97	100	99	90	85	77	83.3
	MIN	66	67	62	62	58	55	57	54	61	55	64	64	63	57	57	58	66	66	64	61	62	63	64	66	68	73	72	74	75	69	58	63.3
PORT CLINTON	MAX	83	79	87	74	75	66	75	77	81	79	82	80	85	80	79	86	83	80	77	76	71	80	81	87	78	94	99	98	96	91	87	82.1
	MIN	65	64	64	63	58	56	50	54	51	47	51	56	60	57	55	53	55	56	60	63	62	59	59	60	61	63	62	63	67	60	60	58.5
PUTNEYVILLE 2 SE	MAX	82	82	80	83	75	60	75	76	78	76	78	76	80	73	76	78	80	78	75	81	80	81	85	86	90	93	95	95	94	89	84	81.7
	MIN	57	47	51	55	57	38	47		52	43	55	57	51	50	46	47	54	55	55	47	52	53	53	53	57	60	57	61	60	53	54	52.6
QUAKERTOWN	MAX	76	84	81	74	73	73	75	77	79	77	80	80	82	78	82	83	78	85	82	76	78	72	83	86	90	95	97	94	92	86	77	81.5
	MIN	65	61	62	64	60	55	48	45	49	46	49	63	61	52	54	53	52	53	60	62	61	60	56	56	61	66	60	61	62	60	61	57.4
READING WB CITY	MAX	77	87	77	77	68	78	77	80	82	81	81	84	83	82	85	85	81	80	76	70	80	80	88	88	94	99	101	99	95	91	83	83.3
	MIN	67	66	69	65	59	59	58	54	58	56	58	68	66	62	62	63	62	61	63	65	63	64	63	64	70	75	70	72	78	70	60	64.2
RETREAT FARMS	MAX	85	83	81	74	73	73	74	75	74	78	76	81	79	78	82	82	81	79	79	75	78	79	83	86	92	95	95	94	93	85	79	81.1
	MIN	61	63	59	58	59	55	51	48	58	59	46	65	61	56	54	53	57	55	55	63	61	58	60	63	67	62	65	68	62	59	58.5
RIDGWAY	MAX	83	85	82	84	78		75	76	72	77	82	79	83	75	79	82	84	83	74	82	82	82	85	88	91	95	98	98	98	91	82	83.1
	MIN	49	51	49	52	56	44	49	40	44	42	45	61	59	51	48	50	50	52	54	53	54	57	51	55	55	56	59	61	62	53	54	52.1
SCRANTON WB CITY	MAX	83	84	80	76	67	74	72	77	76	77	78	82	77	75	82	83	80	79	80	72	78	75	81	87	95	98	96	95	91	81	76	80.5
	MIN	61	65	62	63	56	56	55	49	55	49	52	65	64	61	60	54	59	60	63	64	64	62	58	61	65	73	67	68	72	66	54	60.7
SELINSGROVE AIRPORT	MAX	85	86	81	78	73	76	77	80	80	79	78	85	83	80	83	85	83	80	77	74	82	80	84	88	94	97	97	98	92	86	82	83.4
	MIN	61	75	58	62	56	54	54	47	51	46	52	66	59	53	50	51	56	53	61	61	64	62	59	59	65	62	62	63	62	60	61	58.4
SHIPPENSBURG	MAX	82	90	86	77	74	78	79	84	83	85	82	89	85	83	87	83	85	84	82	80	83	84	85	89	95	102	101	101	98	92	86	86.4
	MIN	67	65	63	63	61	55	55	52	55	50	57	66	64	58	58	55	56	58	62	59	62	59	63	61	66	67	65	66	74	66	63	60.4
SOMERSET WATER WORKS	MAX	81	82	80	77	68	70	72	76	76	80	80	80	74	74	79	80	76	77	81	79	77	84	87	87	90	97	97	94	88	84	79	80.4
	MIN	57	51	52	52	53	41	45	43	50	42	49	63	61	47	43	45	49	47	50	51	54	52	40	52	53	54	53	55	60	63	59	51.4
SPRINGS 1 SW	MAX	78	80	77	72	65	67	71	73	72	77	75	77	70	71	75	77	72	76	76	74	73	80	81	84	86	91	92	90	83	79	70	76.4
	MIN	65	60	53	54	50	45	47	45	52	44	54	60	60	50	45	55	58	61	57	59	60	52	52	55	54	57	55	56	60	57	53	54.4
STATE COLLEGE	MAX	84	84	83	75	64	73	75	78	77	80	74	81	74	76	82	82	80	75	78	78	81	84	83	86	92	98	97	96	90	87	76	81.0
	MIN	62	62	59	61	54	53	55	50	56	49	59	63	59	55	54	60	58	61	64	58	60	59	63	60	68	69	66	67	70	66	52	59.4
STROUDSBURG SUBSTATION	MAX	89	84	88	84	80	65	78	78	82	83	84	80	71	83	82	88	87	83	80	85	75	85	80	89	90	95	102	99	98	95	89	84.4
	MIN	66	70	63	64	60	58	58	52	56	55	53	68	61	66	65	56	57	59	65	67	65	67	59	61	66	67	80	67	72	65	62	62.2

See reference notes following Station Index

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

PENNSYLVANIA
AUGUST 1948

STATION		DAY OF MONTH																													MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NBURY 2 N AIRPORT	MAX	86	86	80	76	65	78	77	79	80	80	76	84	80	81	85	83	82	78	76	72	82	80	85	88	94	97	97	98	91	88	79	82.7
	MIN	63	66	62	65	56	57	54	52	54	51	56	67	59	58	55	58	60	58	62	64	64	62	63	63	69	69	69	68	68	64	51	60.9
MARACK 2 S FIRE TOWER	MAX	79	81	84	81	71	56	67	70	70	73	74	70	79	69	70	76	73	73	66	76	71	73	78	78	83	88	92	91	91	83	77	76.2
	MIN	55	56	56	56	54	47	47	48	48	51	53	56	60	54	53	52	58	55	55	55	55	57	59	61	62	65	69	71	66	59	55	56.4
ONESTA 2 SE DAM	MAX	88	80	82	78	79	78	61	80	77	75	78	74	80	74	74	78	80	80	72	83	81	80	82	86	84	88	91	94	93	94	78	80.7
	MIN	54	54	52	53	55	46	49	45	46	45	46	58	59	60	50	50	54	55	57	55	51	59	59	59	60	60	56	63	69	57	58	54.5
ITUSVILLE 2 S	MAX	79	77	75	75	64	69	70	74	73	74	74	78	67	74	79	79	79	70	77	78	80	84	81	88	92	94	90	94	82	75	73	78.0
	MIN	51	52	45	49	54	44	51	41	50	40	57	56	55	53	46	49	58	58	53	55	54	53	52	56	63	59	61	65	66	53	56	53.4
WANDA	MAX	85	85	82	80	68	75	75	78	77	80	80	84	76	78	82	84	83	80	83	80	81	81	86	90	95	99	97	95	91	82	75	82.8
	MIN	52	62	57	55	55	52	48	44	43	46	48	63	57	57	54	53	51	53	54	56	63	59	58	56	59	62	62	63	66	61	56	55.6
NKHANNOCK 1 S	MAX		90	83	83	78	65	74	74	78	77	76	79	82	78	78	83	84	83	80	81	76	82	77	87	91	98	101	97	97	92	82	82.9
	MIN		56	57	58	58	52	45	45	49	44	46	55	59	54	54	51	51	49	58	60	62	59	57	58	60	63	61	62	64	60	59	55.6
IONTOWN	MAX	87	85	84	84	65	75	77	82	79	80	82	85	77	77	80	85	80	76	82	82	80	86	87	91	94	98	99	98	92	84	77	83.5
	MIN	66	61	62	59	55	51	55	53	59	53	61	67	63	58	53	55	62	58	61	57	60	57	60	63	64	65	65	69	68	67	61	60.3
RREN	MAX	86	84	83	81	70	76	78	78	79	82	82	85	73	82	83	85	85	76	83	80	85	86	89	93	97	97	98	99	90	84	77	84.1
	MIN	50	58	50	53	51	47	50	46	53	46	60	55	58	51	52	53	54	57	58	57	59	58	58	58	60	63	63	66	65	57	57	55.6
YNESBURG 1 E	MAX	83	85	94	88	76	74	77	81	80	86	82	83	82	78	81	82	82	77	81	81	83	87	90	92	94	96	100	97	91	84	83	84.8
	MIN	60	52	53	52	54	46	47	50	54	50	53	64	58	55	49	52	55	53	54	53	55	55	57	58	57	60	62	63	60	59	62	55.2
LLSBORO	MAX	84	85	84	83	78	58	72	73	75	75	80	78	83	75	76	82	82	82	70	82	82	80	83	88	90	95	98	98	97	92	83	82.0
	MIN	48	53	53	51	55	51	44	40	43	43	45	50	55	57	58	51	52	49	51	55	58	57	58	56	57	57	58	61	62	54	55	52.8
LLSVILLE	MAX	77	85	76	74	70	77	77	79	79	77	82	80	79	82	82	79	80	78	75	80	80	82	86	93	97	96	97	93	89	81	82.0	
	MIN	67	65	69	65	60	56	49	49	53	48	56	66	58	54	53	58	55	59	63	63	59	59	64	63	62	64	62	63	65	60	66	59.8
ST CHESTER	MAX	73	86	83	71	78	77	78	81	81	81	83	82	83	82	84	85	80	83	84	74	83	83	85	90	93	98	99	99	94	91	80	84.0
	MIN	65	64	70	68	64	57	54	55	57	57	59	65	65	67	65	59	60	60	62	67	60	64	62	62	67	70	68	70	72	69	60	63.4
LLIAMSPORT 4 E WB AP	MAX	86	85	83	78	66	74	75	79	77	80	74	83	76	79	84	82	82	78	78	78	81	83	85	88	95	98	98	97	92	85	78	82.5
	MIN	58	61	58	62	56	55	51	46	55	48	52	66	61	57	56	56	58	56	62	61	63	62	62	61	62	66	66	64	66	60	52	58.7
LLIAMSTOWN	MAX	84	87	84	75	71	75	74	79	79	79	75	83	82	79	82	84	81	79	80	77	80	80	85	88	93	99	99	99	97	96	87	83.6
	MIN	62	62	59	62	58	55	50	51	45	58	54	66	59	55	56	53	58	55	60	61	60	59	60	58	61	69	62	62	65	60	63	58.6
RK 3 SW PUMPING STATION	MAX	79	90	88	77	74	79	80	82	82	83	85	85	83	81	88	87	84	84	84	81	81	84	86	90	95	100	100	101	100	92	85	86.1
	MIN	68	66	68	68	62	54	52	51	55	53	59	68	61	53	54	57	56	59	59	63	59	60	63	62	64	67	65	65	70	63	65	60.9

See reference notes following Station Index

TABLE 6

PENNSYLVANIA
AUGUST 1948

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	DEPARTURE FROM NORMAL
CONFLUENCE 1 SW	EVAP.	.290	.115	.297	.077	.078	.016	.166	.125	.176	.138	.142	.083	.191	.168	.130	.133	.162	.065	.101	.235	.025	.093	.102	.123	.114	.178	.167	.179	.192	.116	.095	4.272	
	WIND	63	13	26	14	30	46	59	32	36	18	16	41	54	43	38	30	29	16	37	37	7	12	13	21	14	27	33	9	27	45	18	904	
FORD CITY 4 S	EVAP.	.240	.200	.144	.213	.188	.162	.133	.164	.182	.201	.162			.147	.168	.170	.164	.168	.070	.092	.120	.139	.134	.156	.146	.163	.174	.178	.210	.200	.183	4.771	
	WIND	27	32	21	13	98	47	26	21	29	36	7	15	24	27	32	21	7	14	17	8	25	2	3	9	9	14	4	11	17	24	32	672	
HAWLEY 1 S WALLEN DAM	EVAP.	.247	.159	.200	.113			.139	.165	.185	.102	.200	.214	.066	.219	.262	.195	.065	.149	.131	.209			.084	.147	.173	.221	.232	.262	.077	.263	.171	4.650	
	WIND	46	[illegible]	44	9	14	44	92	48	50	15	18	75	64	63	59	29	11	18	42	9	[illegible]	13	16	13	48	53	22	13	43	70	41	1173	
JAMESTOWN 2 NW	EVAP.	.222	.223	.199	.213	.138	.110	.166	.188	.093	.238	.182	.034		.279	.200	.218	.153	.115	.082	.168	.154	.154	.143	.187		.232	.130	.113	.164	.224	.134	4.856	
	WIND	22	36	15	36	19	74	23	23	18	29	25	22	23	21	29	11	18	28	20	19	31	15	5	19	17	25	[illegible]	24	16	11	34	717	
NEFFS MILLS 4 NE	EVAP.	.244	.194	.146	.096	.196	.024	.152	.128	.128	.192	.162	.022	.160	.186	.136	.150	.128	.156	.171	.130	.156	.092	.108	.092	.124	.142	.168	.166	.114	.216	.210	4.489	
	WIND	26	9	4	6	25	49	23	26	5	8	2	2	[illegible]	34	13	4	2	[illegible]	1	3	2	3	2	3	4			1		8	25	300	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	HIGHEST (OR CREST)	DATE	LOWEST	DATE
LEHIGH																																				
LEHIGHTON	9	3.0	2.9	2.8	3.2	3.9	4.4	3.8	3.6	3.2	3.0	2.9	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.8	2.8	2.9	3.0	3.4	3.2	3.0	3.0	2.9	2.8	2.8	2.8	2.9	4.4	[illegible]	2.6	18+
SCHUYLKILL																																				
READING	13	3.7	3.6	3.5	4.4	3.9	6.5	4.8	4.5	4.3	4.0	3.9	4.3	4.6	4.1	3.9	3.9	3.7	3.7	4.5	4.3	5.8	5.2	5.9	5.2	4.8	4.5	4.3	4.1	4.0	3.9	3.8	6.5	6	3.5	3
PHILADELPHIA		6.0	6.1	6.0	6.9	6.3	6.6	6.6	6.3	6.2	6.1	6.1	6.0	6.4	6.2	6.1	6.0	6.0	6.0	6.0	6.1	6.4	6.4	6.7	6.4	6.4	6.2	6.1	6.1	6.0	6.0	6.0	6.9	4	6.0	1+
DELAWARE																																				
EASTON	22	1.5	.8	.8	1.4	1.4	3.0	3.0	2.4	2.3	1.5	1.7	1.6	2.4	2.1	1.8	1.4	1.2	1.4	1.8	1.5	2.4	2.1	2.0	2.0	1.8	1.8	1.6	1.4	1.2	1.0	.8	3.0	6+	.6	3
WEST BRANCH																																				
RENOVO	16	1.1	.9	.8	.7	.6	1.5	2.2	1.8	1.3	1.1	.9	.9	1.3	1.3	1.4	1.1	.9	.7	.7	1.0	1.2	1.0	.8	.8	.7	.6	.5	.4	.3	.3	.2	2.2	7	.2	31
WILLIAMSPORT	20	1.4	1.2	1.0	.9	.8	1.2	2.2	2.4	1.9	1.5	1.2	1.1	1.0	1.5	1.3	1.4	1.2	.9	1.0	.9	.9	1.2	1.0	1.0	.9	.8	.7	.6	.5	.4	.4	2.4	[illegible]	.4	30+
PINE CREEK																																				
CEDAR RUN	12	1.9	1.9	1.9	1.9	1.9	3.0	2.3	2.2	2.1	2.1	2.0	2.0	2.3	2.2	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9		1.8	1.8	1.8	3.6	6	1.8	29+
JUNIATA																																				
NEWPORT	22	3.4	3.4	3.3	3.3	3.4	3.7	3.6	3.7	3.6	3.5	3.5	3.5	3.5	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.7	3.6	3.5	3.4	3.5	3.4	3.3	3.2	3.7	6+	3.2	31
SUSQUEHANNA																																				
TOWANDA	16	1.2	1.1	1.0	.9	.8	1.1	2.9	2.7	2.7	2.2	1.8	1.4	1.7	3.2	2.8	2.6	2.1	1.8	1.7	1.5	1.4	1.4	1.5	1.5	1.4	1.3	1.3	1.1	1.0	.9	.8	3.2	14	.8	5
SUNBURY	16	1.5	1.4	1.4	1.3	1.2	1.3	1.4	1.7	1.9	1.9	1.8	1.5	1.5	1.4	1.5	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.0	1.9	9+	1.0	30+
WILKES-BARRE	22	2.5	2.4	2.3	2.1	2.0	2.3	2.3	3.8	4.0	3.9	3.3	3.0	2.6	2.6	4.3	4.0	3.8	3.3	3.0	2.8	2.7	2.6	2.5	2.6	2.5	2.5	2.4	2.3	2.1	2.0	1.9	4.3	15	1.9	31
HARRISBURG	17	3.6	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.7	3.7	3.6	3.5	3.5	3.4	3.4	3.6	3.5	3.6	3.5	3.5	3.4	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.7	10+	3.2	29+
CONEMAUGH																																				
SEWARD	18	2.9	2.8	2.8	8.8	2.8	3.3	3.0	2.9	2.9	2.9	2.8	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	3.2	3.4	3.1	2.8	2.8	2.7	2.7	2.7	2.6	2.7	2.7	8.8	4	2.6	29
ALLEGHENY																																				
WARREN	14	3.1	2.9	2.7	2.6	2.4	2.7	3.7	3.5	3.0	2.8	2.4	2.6	2.5	2.5	2.1	2.1	2.1	2.1	2.4	2.7	2.7	2.4	2.2	2.1	2.0	1.9	1.9	1.9	1.9	1.8	1.8	3.7	7	1.8	30+
FRANKLIN	17	3.3	3.4	3.3	3.0	3.0	3.0	3.9	3.9	3.7	3.2	3.0	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	3.0	3.3	3.1	2.9	2.8	2.6	2.6	2.5	2.4	2.4	2.3	2.3	3.9	7+	2.3	30
PARKERS LANDING	20	2.4	2.2	2.4	2.2	2.2	2.5	2.2	1.9	3.0	2.6	2.2	3.1	3.0	2.9	2.3	2.1	2.1	2.1	2.1	2.0	2.6	2.2	2.0	1.9	1.8	1.7	1.7	1.4	1.4	1.3	1.4	3.1	12	1.3	30
SCHENLEY LOCK 5 L	24	12.6	12.4	12.4	12.3	12.4	12.9	13.0	13.0	12.8	12.8	12.4	13.6	14.0	13.4	12.9	12.5	12.4	12.3	12.3	12.3	12.5	12.4	12.3	12.2	12.2	12.0	12.0	12.0	11.8	11.8	11.7	14.1	12	11.7	31
SCHENLEY LOCK 5 U		11.9	11.8	11.8	11.8	11.8	12.3	12.2	12.4	12.3	12.2	11.9	12.8	13.3	12.8	12.3	12.0	11.8	11.7	11.8	11.8	11.8	11.8	11.7	11.6	11.6	11.5	11.4	11.6	11.4	11.4	11.3	13.4	12	11.3	31
MOSGROVE LOCK 8 L	24	11.9	11.7	12.0	11.8	11.7	12.4	12.1	12.4	12.2	12.0	11.8	13.2	13.0	12.7	12.3	11.8	11.7	11.7	11.7	11.7	11.8	11.7	11.5	11.5	11.6	11.4	11.5	11.2	11.1	11.1	11.0	13.5	12	11.0	31
MOSGROVE LOCK 8 U		15.1	14.9	15.2	15.0	15.0	15.5	15.2	15.4	15.3	15.3	15.1	15.9	15.8	15.6	15.4	15.1	15.0	15.0	15.0	15.0	15.1	15.0	14.9	14.9	14.9	14.8	14.9	14.6	14.5	14.5	14.4	16.2	12	14.4	31
NATRONA LOCK 4 L	24	11.4	11.2	11.0	11.0	11.2	11.5	11.7	11.6	11.7	11.5	11.3	12.2	12.5	12.1	11.6	11.2	11.0	11.0	11.0	11.0	11.3	11.2	11.1	11.0	10.9	10.9	10.8	10.8	10.7	10.6	10.5	13.0	12	10.5	31
NATRONA LOCK 4 U		10.3	10.1	9.9	10.0	10.0	10.5	10.6	10.5	10.5	10.2	11.1	11.4	11.0	10.5	10.2	10.0	10.0	9.9	10.0	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.6	9.5	9.4	9.4	11.6	12	9.4	30+
ACMETONIA LOCK 3 L	25	13.5	13.4	13.4	13.4	13.6	13.8	14.0	13.8	13.9	13.8	13.5	14.3	15.0	14.3	13.8	13.6	13.5	13.4	13.4	13.4	13.5	13.5	13.4	13.2	13.2	13.2	13.1	13.1	13.0	12.9	12.9	15.0	12	12.9	30+
ACMETONIA LOCK 3 U		13.1	13.0	12.9	12.9	13.1	13.4	13.4	13.3	13.5	13.3	13.0	13.8	14.2	13.7	13.3	13.1	13.0	12.9	12.9	12.9	13.0	13.0	13.0	12.8	12.8	12.8	12.7	12.7	12.5	12.5	12.5	14.2	13	12.5	28
KISKIMINETAS																																				
SALTSBURG	16	1.5	1.4	1.4	1.3	1.5	2.2	2.1	1.7	1.5	1.4	1.4	1.5	2.0	1.4	1.4	1.3	1.2	1.2	1.4	1.5	1.6	1.9	1.5	1.4	1.3	1.2	1.2	1.2	1.2	1.1	1.1	2.2	[illegible]	1.1	30+
VANDERGRIFT		4.3	4.2	4.1	4.0	4.2	5.1	5.5	4.7	4.4	4.2	4.1	4.4	5.7	4.3	4.1	4.0	3.9	3.9	4.0	4.3	4.8	4.4	4.4	4.1	4.0	3.8	3.7	3.7	3.7	3.6	3.6	5.7	13	3.6	30+
YOUGHIOGHENY																																				
CONFLUENCE	12	2.7	2.7	2.7	2.7	2.9	3.1	2.9	2.8	2.7	2.7	2.7	3.0	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.7	2.8	2.7	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	3.1	6	2.5	28+
SUTERSVILLE	20	4.0	3.8	3.8	3.8	4.7	4.8	4.4	4.3	4.0	4.0	3.8	4.4	4.1	3.8	3.9	3.8	3.8	4.2	4.0	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.6	5.8	6	3.6	27+
CONNELLSVILLE	16	2.6	2.6	2.5	2.5	2.9	3.0	2.8	2.7	2.6	2.6	2.5	2.8	2.5	2.6	2.5	2.5	2.5	2.6	2.6	2.5	2.5	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.0	[illegible]	2.4	28+
MONONGAHELA																																				
CHARLEROI LOCK 4 L	30	12.4	12.7	13.5	13.2	14.1	17.1	15.5	14.2	14.0	14.1	13.8	12.8	12.6	12.6	12.1	11.5	12.0	12.0	12.0	12.1	11.8	11.4	11.5	11.7	11.6	11.5	11.6	11.3	10.8	10.8	11.1	18.5	6	10.8	29+
CHARLEROI LOCK 4 U		15.6	16.2	16.6	16.3	17.4	18.6	17.8	17.0	16.9	16.8	16.7	16.0	15.9	15.0	15.4	15.1	15.4	15.5	15.5	15.6	15.3	15.2	15.3	15.3	15.3	15.1	15.1	14.8	14.6	14.5	14.9	19.7	6	14.5	30
GREENSBORO LOCK 7 L	30	11.4	11.8	11.7	12.1	17.9	14.2	13.8	13.9	13.7	13.4	12.9	11.9	11.7	11.5	11.1	11.0	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.7	10.7	10.5	10.3	10.3	10.6	17.9	5	10.3	29+
GREENSBORO LOCK 7 U		11.7	11.8	11.9	12.3	15.2	13.0	13.2	13.4	13.4	13.2	12.7	12.2	11.9	11.6	11.4	11.6	11.6	11.5	11.5	11.6	11.6	11.6	11.6	11.5	11.4	11.2	11.2	11.0	11.1	11.1	11.2	15.2	5	11.0	29
MC KEESPORT	20	2.9	2.5	2.9	2.9	3.6	5.0	4.3	3.6	3.3	3.3	3.0	2.9	2.5	2.5	2.3	1.6	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.3	5.0	6	1.3	31
OHIO																																				
CORAOPOLIS	26	10.6	10.5	10.6	10.7	11.4	12.4	11.7	11.3	11.2	11.2	11.0	11.3	11.4	11.0	10.4	10.2	10.5	10.3	10.4	10.3	10.4	10.2	10.2	10.2	10.2	10.1	10.1	10.0	9.8	9.7	9.7	12.4	[illegible]	9.7	30+
PITTSBURGH	25	h16.6	h16.6	h16.8	h16.5	h16.7	h16.8	h16.6	h16.5	h16.7	h16.7	h16.5	h16.7	h16.5	h16.6	h16.4	h16.6	h16.7	h16.6	h16.6	h16.6	h16.6	h16.5	h16.6	h16.6	h16.6	h16.6	h16.7	h16.6	h16.6	h16.6	h16.8	16.8	3+	16.4	31
MIDLAND DAM NO 7 L	30	9.8	10.0	10.5	10.0	11.4	13.3	11.3	10.6	10.7	11.0	10.4	12.6	12.0	11.3	10.3	10.0	9.8	10.1	10.0	10.0	9.8	10.1	10.2	9.7	9.7	9.6	9.5	9.7	9.6	9.4	9.4	13.3	[illegible]	9.4	30+
MIDLAND DAM NO 7 U		15.5	15.6	15.5	15.6	14.8	15.3	15.0	15.1	15.3	15.5	15.6	14.9	14.9	15.3	15.4	15.5	15.6	15.5	15.7	15.4	15.4	15.5	15.7	15.6	15.5	15.7	15.5	15.6	15.7	15.6	15.6	15.7	19+	14.8	[illegible]

The following reference notes apply only to Table 7 - Daily River Stages:

Readings are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a Obstructed by rough ice.
b Frozen but open at gage.
c Upper surface of smooth ice.
d Ice gorge above gage.
e Ice gorge below gage.
f Shore ice.
g Floating ice.
h Pool stage.
i Dry at gage.
j Interpolated.

STATION INDEX

PENNSYLVANIA

AUGUST 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
ACMETONIA LOCK 3 LOWER	0022	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST		7A		44		U S E P B G	2 3 7
ACMETONIA LOCK 3 UPPER	0023	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST						U S E P B G	7
ALBION	0062	ERIE	LAKE ERIE	41 53	80 22	900	EST	7A	7A	4	4		ALBION HIGH SCHOOL	2 3 4 5
ALLENS MILLS	0099	JEFFERSON	ALLEGHENY	41 12	78 54	1590	EST		MID		10		CHARLES H ALLEN	2 3 4
ALLENTOWN WB AIRPORT	0106	LEHIGH	LEHIGH	40 39	75 26	381	EST	MID	MID	10	8		U S WEATHER BUREAU	2 3 4 5
ALLENTOWN GAS CO	0111	LEHIGH	LEHIGH	40 36	75 28	254	EST	7A	7A	27	37		ALLENTOWN-BETH GAS CO	2 3 5
ALTOONA HORSESHOE CURVE	0134	BLAIR	JUNIATA	40 30	78 29	1500	EST	6P	6P	53	64		ALTOONA WATER BUREAU	2 3 5
ARENDTSVILLE	0229	ADAMS	SUSQUEHANNA	39 55	77 18	710	EST	8A	8A	26	26		PA STATE COLL EXP STA	2 3 5
AUSTINBURG 2 MI W	0313	TIOGA	CHEMUNG	42 00	77 32	1590	EST		MID		12		U S E BALTO MD	2 3 4
AVOCA WILKES-BARRE SCRANTON AP	0319	LUZERNE	SUSQUEHANNA	41 21	75 43	950	EST	MID	MID	1	1		CIVIL AERO ADM	2 3 5
BAKERSTOWN 4 MI WNW	0355	ALLEGHENY	ALLEGHENY	40 40	80 00	1200	EST	7A	7A	1	1		A H BURKE	2 3
BARNES	0409	WARREN	ALLEGHENY	41 40	79 01	1310	EST		7A		8		U S E P B G	2 3
BEAR GAP	0457	NORTHUMBERLAND	SUSQUEHANNA	40 50	76 30	843	EST		MID		3		ROARING CREEK WTR CO	2 3
BEAVER FALLS	0475	BEAVER	BEAVER	40 46	80 19	760	EST		7A		40		HOWARD J KEMP	2 3 7
BEAVERTOWN	0482	SNYDER		40 45	77 10	640	EST	5P	5P				JAMES F KEEN	2 3 5
BELLEFONTE ROCKVIEW FARM	0530	CENTER	WEST BRANCH	40 52	77 47	1060	EST	8A	8A	20	32		WESTERN STATE PEN'TRY	2 3 5
BERWICK	0611	COLUMBIA	SUSQUEHANNA	41 03	76 14	570	EST	6P	6P	3	3		AMER CAR & FOUNDRY CO	2 3 5
BETHLEHEM RIVER STATION	0629	NORTHAMPTON	LEHIGH	40 37	75 22	390	EST		7A	8	8		BETHLEHEM STEEL CORP	2 3
BETHLEHEM LEHIGH UNIV	0634	NORTHAMPTON	LEHIGH	40 36	75 23	450	EST	MID	MID	47	64		LEHIGH UNIVERSITY	2 3 4 5
BLAIN	0725	PERRY	SUSQUEHANNA	40 20	77 31	720	EST		MID		11		PENNA DEPT F & W	2 3 4
BLAIRSVILLE 6 MI ENE	0736	INDIANA	ALLEGHENY	40 27	79 09	2048	EST	MID	MID	3	12		U S WEATHER BUREAU	2 3 4 5
BLAKESLEE CORNERS	0743	MONROE	LEHIGH	41 06	75 36	1670	EST		MID		11		HAROLD WILDRICK	2 3 4
BLOSERVILLE 1 MI N	0763	CUMBERLAND	SUSQUEHANNA	40 16	77 22	650	EST		5P		36		MRS B M WILLDERS	2 3
BOSWELL	0820	SOMERSET	ALLEGHENY	40 11	79 08	2684	EST		MID		11		FRANK J HOUPT	2 3 4
BRADDOCK LOCK 2	0861	ALLEGHENY	MONONGAHELA	40 24	79 52	725	EST		7A		14		U S E P B G	2 3
BRADFORD CITY HALL	0867	MC KEAN	ALLEGHENY	41 58	78 39	1500	EST		8A	22	1		BRADFORD DIS FLD COM	2 3
BRADFORD 4 MI W RESERVOIR 1	0868	MC KEAN	ALLEGHENY	41 57	78 44	1680	EST	4P	4P		31		BRADFORD WATER DEPT	2 3 5
BRADFORD 5 S	0869	MC KEAN					EST		11A				GEORGE STRAND	2 3
BREEZEWOOD	0905	BEDFORD	JUNIATA	40 00	78 14	1352	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3
BROOKVILLE AIRPORT	1002	JEFFERSON	ALLEGHENY	41 09	79 06	1407	EST	MID	MID	36	57		CIVIL AERO ADM	2 3 4 5
BRUCETON	1033	ALLEGHENY	OHIO	40 19	79 59	1000	EST		7A		13		RAY WILSON	2 3
BUCKSTOWN	1073	SOMERSET	CONEMAUGH	40 04	78 51	2480	EST		MID		11		RUSSELL L LAMBERT	2 3 4
BUFFALO MILLS	1087	BEDFORD	JUNIATA	39 58	78 39	1318	EST		7A		24		NELLIE R BROWN	2 3
BURGETTSTOWN 3 MI W	1105	WASHINGTON	OHIO	40 23	80 26	980	EST	7A	7A	1	1		LANGLOTH WATER CO	2 3
BURNT CABINS 2 MI NE	1115	HUNTINGDON	JUNIATA	40 05	77 52	990	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3 5
BUTLER	1130	BUTLER	BEAVER	40 52	79 54	1100	EST	4P	4P	25	35		BUTLER EAGLE	2 3 5
BUTLER SUBSTATION	1135	BUTLER	BEAVER	40 51	79 53	1140	EST		MID		11		WEST PENN POWER CO	2 3 4
CAMP HILL	1198	CUMBERLAND	SUSQUEHANNA	40 15	76 56	461	EST		8A		3		JOSEPH N HOBART	2 3
CANTON 1 MI NW	1215	BRADFORD	SUSQUEHANNA	41 40	76 52	1450	EST	8A	8A	5	9		MILDRED L SPENCER	2 3 4 5
CARLISLE	1234	CARLISLE	SUSQUEHANNA	40 12	77 11	473	EST	6P	6P	80	60		PROF CHAS E MILLER	2 3 5
CARROLLTOWN	1255	CAMBRIA	WEST BRANCH	40 36	78 42	2165	EST		7A		5		NED R WESTRICK	2 3
CARTER CAMP	1262	POTTER	WEST BRANCH	41 38	77 45		EST		MID		10		IRVING E GRESSEL	2 3 4
CEDAR RUN	1301	LYCOMING	WEST BRANCH	41 31	77 28	800	EST		7A		30		CHARLES R NIVISON	2 3 7
CHADDS FORD	1342	DELAWARE	DELAWARE	39 52	75 35	180	EST		8A		3		HERBERT W GUEST	2 3
CHAMBERSBURG	1354	FRANKLIN	POTOMAC	39 56	77 39	640	EST	8P	10P	48	53		CHARLES A BENDER	2 3 4 5
CHARLEROI	1372	WASHINGTON	MONONGAHELA	40 08	79 55	1040	EST		MID		11		WEST PENN POWER CO	2 3 4
CHARLEROI LOCK 4 LOWER	1377	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST		7A		63		U S E P B G	2 3 7
CHARLEROI LOCK 4 UPPER	1378	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST						U S E P B G	7
CLARION 3 MI SW	1485	CLARION	ALLEGHENY	41 12	79 26	1114	EST	8P	7A	6	41		PA ELECTRIC CO	2 3 4 5
CLAUSSVILLE	1505	LEHIGH	LEHIGH	40 37	75 39	670	EST		9A		3		VERNA A DOTTERER	2 3
CLAYSVILLE	1512	WASHINGTON	OHIO	40 07	80 25	1170	EST	7P	7P	45	45		WALTER B PAGET	2 3 5
CLEARFIELD	1519	CLEARFIELD	WEST BRANCH	41 01	78 27	1140	EST		7A	32	40		WILLIAM H WITHEROW	2 3
COALDALE GREENWOOD RESERVOIR	1572	SCHUYLKILL	SCHUYLKILL	40 50	75 56	1026	EST		7A		26		PANTHER VALLEY WTR CO	2 3
COALPORT	1581	CLEARFIELD	WEST BRANCH	40 45	78 32	1480	EST		7A		4		ADAM I NEFF	2 3 4 5
COATESVILLE 1 MI SW	1589	CHESTER	DELAWARE	39 58	75 50	342	EST	8A	8A	61	61		PHILA ELECTRIC CO	2 3 4 5
COATESVILLE	1594	CHESTER	DELAWARE	39 59	75 48	431	EST		7A		2		EDWARD O BEIDEMAN	2 3
COGAN STATION 2 MI N	1631	LYCOMING		41 21	77 05	650	EST		10A				WILLIAM R WOLFE	2 3
COLUMBIA	1675	LANCASTER	SUSQUEHANNA	40 02	76 30	300	EST	ss	ss	6	6		JAMES H RUST	2 3 5
CONFLUENCE 1 MI SW	1705	SOMERSET	YOUGHIOGHENY	39 48	79 22	1490	EST	8A	8A	3	3		U S E P B G	2 3 4 6
CONFLUENCE 1 MI NW	1710	SOMERSET	YOUGHIOGHENY	39 50	79 22	1331	EST		7A		74		JOHN L REID	2 3 7
CONNELLSVILLE	1723	FAYETTE	MONONGAHELA	40 01	79 36	990	EST		7A		10		EMERY C STEWART	2 3 7
CONNELLSVILLE 4 MI N	1728	FAYETTE	MONONGAHELA	40 04	79 34	1145	EST		MID		11		GEORGE BAER	2 3 4
CONSHOHOCKEN	1737	MONTGOMERY	DELAWARE	40 04	75 19	70	EST		8A		25		PHILA ELECTRIC CO	2 3
CORAOPOLIS DAM 2	1773	ALLEGHENY	OHIO	40 31	80 10	720	EST		7A		40		U S E P B G	2 3 7
CORRY	1790	ERIE	ALLEGHENY	41 55	79 38	1427	EST	6P	6P	33	33		GEORGE P MULDERICK	2 3 5
COUDERSPORT	1804	POTTER	ALLEGHENY	41 46	78 01	1653	EST	5P	5P	18	23		POTTER ENTERPRISE	2 3 5
COUDERSPORT 8 MI E	1809	POTTER	ALLEGHENY	41 46	77 53	2425	EST		8A		2		ROBERT B KEITH	2 3
COVINGTON	1832	TIOGA	SUSQUEHANNA	41 45	77 05	1193	EST		7A		10		GROVER D CLEVELAND	2 3
CREEKSIDE	1881	INDIANA	ALLEGHENY	40 41	79 12	1035	EST		7A		8		U S E P B G	2 3
CRESSON 1 MI E SUMMIT	1894	CAMBRIA	WEST BRANCH	40 28	78 34	2300	EST		MID		11		PENNA EDISON CO	2 3
CURWENSVILLE 6 MI NW AIRPORT	1966	CLEARFIELD	WEST BRANCH	41 03	78 35	2215	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4 5
CUSTER CITY 2 MI W SONGBIRD	1978	MC KEAN	ALLEGHENY	41 55	78 41	2120	EST		8A		1		BRADFORD DIS FLD COM	2 3
DANVILLE	2013	MONTOUR	SUSQUEHANNA	40 58	76 37	460	EST		7A		8		JAMES A BRYAN	2 3
DAUPHIN 3 MI N	2029	DAUPHIN	SUSQUEHANNA	40 25	76 56	1300	EST		7A		8		JOHN HEPFORD	2 3
DERRY	2108	WESTMORELAND	CONEMAUGH	40 20	79 18	1150	EST	6P	6P	51	51		MRS N D WINEMAN	2 3 5
DINGMANS FERRY	2160	PIKE	DELAWARE	41 13	74 52	360	EST		7A		11		A JORGENSON	2 3 4
DONEGAL	2183	WESTMORELAND	CONEMAUGH	40 06	79 23	1746	EST	MID	MID	5	5		PENNA TURNPIKE COMM	2 3 5
DONORA	2190	WASHINGTON	MONONGAHELA	40 11	79 51	761	EST	MID	MID	22	22		DONORA ZINC WORKS	2 3 5
DOYLESTOWN	2221	BUCKS	DELAWARE	40 18	75 08	370	EST		5P		58		GEORGE HART	2 3
DRIFTWOOD	2245	CAMERON	WEST BRANCH	41 20	78 08	820	EST		MID		11		SIDNEY KENNEDY	2 3 4
DU BOIS 7 MI E	2265	CLEARFIELD	WEST BRANCH	41 06	78 38	1670	EST		7A		11		CITY OF DU BOIS	2 3 4
DUNLO	2298	CAMBRIA	CONEMAUGH	40 17	78 44	2440	EST		MID		11		MRS D L WHITE	2 3 4
DUSHORE	2323	SULLIVAN	WEST BRANCH	41 32	76 24		EST		MID		11		KENNETH MOSIER	2 3 4
EAGLES MERE	2343	SULLIVAN	SUSQUEHANNA	41 24	76 35	2020	EST	7A	7A	6	12		CARL E BIGGER	2 3 4 5
EASTON	2423	NORTHAMPTON	DELAWARE	40 42	75 12									7

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TEMP.	PRECIP.	YEARS OF RECORD: TEMP.	PRECIP.	EVAP.	OBSERVER	REFER TO TABLES
EAST WATERFORD 3 MI E	2459	PERRY	JUNIATA	40 21	77 33	2125	EST	8P	7A	5	12		U S WEATHER BUREAU	2 3 5
EBENSBURG	2466	CAMBRIA	CONEMAUGH	40 29	78 44	2170	EST	8A	8A	31	31		JOHN L MC GOUGH	2 3 5
ELIZABETHTOWN	2560	LANCASTER	SUSQUEHANNA	40 08	76 37	460	EST		8A		3		MASONIC HOME	2 3
EMPORIUM	2633	CAMERON	WEST BRANCH	41 30	78 13	1100	EST	8A	8A	60	60		RUSSEL E PALMETEER	2 3 4 5
ENGLISH CENTER	2644	LYCOMING	WEST BRANCH	41 26	77 17	881	EST		MID		9		WILLIAM SUDERS	2 3 4
EPHRATA	2662	LANCASTER	SUSQUEHANNA	40 10	76 10	470	EST	8A	6P	46	55		WM W HALLIGAN	2 3 5
EQUINUNK	2669	WAYNE	DELAWARE	41 51	75 13	920	EST		7A		3		ROSE H NEILSON	2 3
ERIE WB CITY	2677	ERIE	LAKE ERIE	42 07	80 05	655	EST	MID	MID	74	74		U S WEATHER BUREAU	2 3 4 5
ERIE AIRPORT	2682	ERIE	LAKE ERIE	42 05	80 12	732	EST	MID	MID	4	4		CIVIL AERO ADM	2 3 4
EVERETT	2721	BEDFORD	JUNIATA	40 00	78 23	1020	EST	MID	7A	28	28		PENNA TURNPIKE COMM	2 3 4 5
FARRELL SHARON	2814	MERCER	BEAVER	41 14	80 30	855	EST	5P	8A	36	37		CARNEGIE ILL STL CORP	2 3 5
FORD CITY 4 MI S	2942	ARMSTRONG	ALLEGHENY	40 43	79 30	950	EST	8A	8A	5	5	3	U S E P B G	2 3 4 5 6
FRANKLIN	3028	VENANGO	ALLEGHENY	41 23	79 49	987	EST	7A	7A	54	75		WM K FULLER	2 3 4 5 7
FREDERICKSVILLE 1 MI SE	3047	BERKS	SCHUYLKILL	40 27	75 41	800	EST	ss	8A	6	11		HENRY H ROHRBACK	2 3 5
FREELAND	3056	LUZERNE	SUSQUEHANNA	41 01	75 54	1970	EST	6P	8A	54	34		ANDREW B EVANSHA	2 3 5
GALETON	3130	POTTER	WEST BRANCH	41 44	77 39	1330	EST		6P		18		W GALE LUSH	2 3
GEIGERTOWN	3189	BERKS	SCHUYLKILL	40 12	75 50	380	EST		8A		3		WALTER C WOLF	2 3
GEORGE SCHOOL	3200	BUCKS	DELAWARE	40 13	74 56	160	EST	7P	7P	42	42		GEO M HART	2 3 5
GETTYSBURG	3218	ADAMS	POTOMAC	39 50	77 14	500	EST	8A	8A	72	74		HUGH C MC ILHENNY	2 3 5
GETTYSBURG 1 MI S	3223	ADAMS	POTOMAC	39 48	77 14	570	EST		MID		11		NATL MILITARY PARK	2 3 4
GIFFORD	3237	MC KEAN	ALLEGHENY	41 51	78 36	2220	EST		8A		1		BRADFORD DIS FLD COM	2 3
GLENCOE	3298	SOMERSET	POTOMAC	39 49	78 51	1620	EST		8A		11		C E SANDERS	2 3 4
GLEN ROCK	3330	YORK	SUSQUEHANNA	39 48	76 44	620	EST		MID		7		MRS E C MC WILLIAMS	2 3 4
GLEN WILLARD DASHIELDS DAM	3343	ALLEGHENY	OHIO	40 33	80 14	1025	EST		7A		4		WM H MC CONNELL	2 3
GOOD SPRINGS 1 MI W	3372	SCHUYLKILL	SUSQUEHANNA	40 38	76 30	1500	EST		MID		11		PA POWER & LIGHT CO	2 3 4
GORDON	3379	SCHUYLKILL	SUSQUEHANNA	40 45	76 20	900	EST	5P	5P	45	45		MRS S M JOHNSON	2 3 5
GOULDSBORO	3394	WAYNE	LEHIGH	41 15	75 27	1850	EST		7A	17	33		L H ELLENBERGER	2 3
GRANTVILLE 2 MI SW	3422	DAUPHIN	SUSQUEHANNA	40 22	76 41	520	EST		ss		11		EDW N RHOADS	2 3
GRATERFORD	3435	MONTGOMERY	SCHUYLKILL	40 14	75 27	160	EST		7A		33		CLAUDE K KULP	2 3
GREENSBORO LOCK NO 7 LOWER	3503	GREENE	MONONGAHELA	39 47	79 55	808	EST		7A		67		U S E P B G	2 3 7
GREENSBORO LOCK NO 7 UPPER	3504	GREENE	MONONGAHELA	39 47	79 55	808	EST						HARRY MAPLE	7
GREENSBURG 2 MI S FILTER STA	3510	WESTMORELAND	MONONGAHELA	40 16	79 33	977	EST	6P	6P	41	41		WESTMORELAND WATER CO	2 3 5
GREENSBURG 2 MI E HWY SHED	3515	WESTMORELAND	MONONGAHELA	40 18	79 30	1225	EST		MID		10		PENNA DEPT HIGHWAYS	2 3 4
GREENSBURG 3 MI SE UNITY RES	3516	WESTMORELAND	MONONGAHELA	40 17	79 30	1245	EST		6P	35	40		WESTMORELAND WATER CO	2 3
GREENVILLE	3526	MERCER	BEAVER	41 25	80 23	930	EST	6P	6P	50	50		C EARL MILLER	2 3 5
HANOVER	3662	YORK	SUSQUEHANNA	39 48	76 59	600	EST	8A	8A	45	45		HANOVER EVENING SUN	2 3 5
HARRISBURG 3 MI S WB AIRPORT	3699	YORK	SUSQUEHANNA	40 13	76 51	335	EST	MID	MID	60	60		U S WEATHER BUREAU	2 3 4 5 7
HARRISBURG NORTH	3704	DAUPHIN	SUSQUEHANNA	40 16	76 53	350	EST		9A		31		GEO S BEAL	2 3
HAWLEY	3758	WAYNE	DELAWARE	41 29	75 10	980	EST	8P	8A	30	39		MRS D M PENNELL	2 3 5
HAWLEY 1 MI S WALLEN DAM	3859	WAYNE	DELAWARE	41 28	75 11	1180	EST	8A	8A	13	17	13	PA POWER & LIGHT CO	2 3 4 5 6
HEWITT 2 MI S	3897	BEDFORD	POTOMAC	39 44	78 32	840	EST	ss	ss	4	8		MISS M E ROLAND	2 3 4 5
HOLLIDAYSBURG	4001	BLAIR	JUNIATA	40 26	78 24	1000	EST		MID		11		JOHN M RINGLER	2 3 4
HOLLISTERVILLE	4008	WAYNE	DELAWARE	41 23	75 26	1360	EST		8A		21		PA POWER & LIGHT CO	2 3
HOLTWOOD	4019	LANCASTER	SUSQUEHANNA	39 50	76 20	200	EST	MID	8A	29	34		PA WATER & POWER CO	2 3 4 5
HOME	4027	INDIANA	ALLEGHENY	40 45	79 06	1260	EST		MID		11		H J MC ELHOES	2 3 4
HONESDALE 4 MI NW	4043	WAYNE	DELAWARE	41 37	75 19	1445	EST		9A		3		GEO C WILLIAMS	2 3
HONESDALE 6 MI N TANNERS FLS	4044	WAYNE	DELAWARE	41 39	75 17	1100	EST		MID		7		LESLIE E WALTER	2 3 4
HOOVERSVILLE	4058	SOMERSET	CONEMAUGH	40 10	78 53	1660	EST		7A		10		PENNA ELECTRIC CO	2 3
HOP BOTTOM 2 MI S	4066	SUSQUEHANNA	SUSQUEHANNA	41 43	75 43		EST		7A		4		JOSEPH J SANAUSKAS	2 3
HUNTINGDON	4159	HUNTINGDON	SUSQUEHANNA	40 29	78 01	620	EST	SA	8A	61	61		HUNTINGDON BROADTOP RR	2 3 5
HUNTSDALE	4166	CUMBERLAND	SUSQUEHANNA	40 06	77 19	620	EST		7A		8		T J DINGLE	2 3 4
HYNDMAN	4190	BEDFORD	POTOMAC	39 49	78 43	900	EST		7A		36		W J EMERICK	2 3
INDIANA 2 MI SE	4214	INDIANA	CONEMAUGH	40 36	79 07	1102	EST	6P	6P	46	49		CLYMER WATER CO	2 3 4 5
INDIANA	4219	INDIANA	CONEMAUGH	40 37	79 10	1300	EST	5P	5P	10	10		STATE TEACHERS COLL	2 3 5
IRWIN	4276	WESTMORELAND	MONONGAHELA	40 20	79 42	1090	EST	5P	5P	46	52		WESTMORELAND WATER CO	2 3 5
JACKSON SUMMIT	4304	TIOGA	SUSQUEHANNA	41 57	77 01	1700	EST		MID		12		ARCHIE LAIN	2 3 4
JAMESTOWN 2 MI NW	4325	MERCER	BEAVER	41 30	80 28	1050	EST	8A	8A	7	9	7	PA DEPT FRST & WTRS	2 3 4 5 6
JOHNSTOWN 1	4385	CAMBRIA	CONEMAUGH	40 20	78 55	1214	EST	9A	9A	55	67		JOHNSTOWN TRIBUNE	2 3 5
JOHNSTOWN 2	4390	CAMBRIA	CONEMAUGH	40 19	78 55	1130	EST		MID		10		CITY OF JOHNSTOWN	2 3 4
JUNIATA HOUSE	4425	HUNTINGDON	JUNIATA	40 22	77 49	560	EST		8P		3		J EARL MC VEY	2 3
KANE 1 MI NW	4432	MC KEAN	ALLEGHENY	41 41	78 48	1750	EST	MID	MID	5	33		SPRING WATER CO	2 3 5
KANE 5 MI SE	4437	ELK	ALLEGHENY	41 36	78 46	2010	EST		MID		7		U S FOREST SERVICE	2 3 4
KARTHAUS	4450	CLEARFIELD	WEST BRANCH	41 07	78 07	860	EST		7A		8		MRS E M SHULTZ	2 3
KIRKWOOD 1 MI SW	4597	LANCASTER	SUSQUEHANNA	39 51	76 05	430	EST		MID		8		SOIL CONSERV SERVICE	2 3 4
KREGAR 4 MI SE	4667	WESTMORELAND	YOUGHIOGHENY	40 06	79 14	2470	EST		MID		7		PENNA TURNPIKE COMM	2 3
KRESGEVILLE 3 MI W	4672	CARBON	LEHIGH	40 54	75 34	825	EST		8A		6		CITY OF BETHLEHEM	2 3
LAFAYETTE MC KEAN PARK	4706	MC KEAN	ALLEGHENY	41 48	78 40	2130	EST		8A		1		BRADFORD DIS FLD COMM	2 3
LAKEVILLE 1 MI N	4733	WAYNE	DELAWARE	41 27	75 16	1480	EST		8A		21		MRS REVEL JENKINS	2 3
LAMPETER SCS 1A	4750	LANCASTER	SUSQUEHANNA	39 59	76 14	405	EST		MID		8		SOIL CONSERV SERVICE	2 3 4
LANCASTER 2 NE PUMP STATION	4758	LANCASTER	SUSQUEHANNA	40 03	76 17	255	EST	5P	5P	47	61		LANCASTER WATER BUR	2 3 5
LANCASTER 2 NE FILTER PLANT	4763	LANCASTER	SUSQUEHANNA	40 03	76 17	270	EST		MID		11		LANCASTER WATER BUR	2 3
LANCASTER 3 MI NE EXP FARM	4768	LANCASTER	SUSQUEHANNA	40 04	76 17	360	EST	8A	8A	3	3		DR ORMAN E STREET	2 3
LANSFORD	4804	CARBON	SCHUYLKILL	40 50	75 53	1030	EST		8A		43		LEHIGH NAVIG COAL CO	2 3
LANSFORD FOREMANS SHOP	4809	CARBON	SCHUYLKILL	40 50	75 53	1040	EST		7A		15		PANTHER VALLEY WTR CO	2 3
LATROBE	4832	WESTMORELAND	CONEMAUGH	40 19	79 23	1030	EST		7A		6		WEST PENN POWER CO	2 3
LAURELTON STATE VILLAGE	4853	UNION	SUSQUEHANNA	40 54	77 13	880	EST		MID		8		PENNA DEPT OF WELFARE	2 3 4
LAWRENCEVILLE	4873	TIOGA	SUSQUEHANNA	42 00	77 08	996	EST	6P	6P	51	51		CARLOS P DARLING	2 3 5
LEBANON	4891	LEBANON	SUSQUEHANNA	40 20	76 26	469	EST	8A	8A	60	65		LEBANON VALLEY GAS CO	2 3 5
LEBANON 3 MI SW	4896	LEBANON	SUSQUEHANNA	40 19	76 28	490	EST		MID		11		LEBANON COUNTRY CLUB	2 3 4
LECONTES MILLS 5 NW	4904	CLEARFIELD	WEST BRANCH	41 09	78 20	2320	EST		7A		6		PA DEPT FRST & WTRS	2 3
LEHIGHTON	4934	CARBON	LEHIGH	40 50	75 43	580	EST		7A		14		GOODWIN DE FREHN	2 3 4 7
LE ROY	4972	BRADFORD	SUSQUEHANNA	41 40	76 43		EST		6P		12		DIMMIS M BAILEY	2 3
LEWIS RUN 3 MI S	4984	MC KEAN	ALLEGHENY	41 50	78 39	1700	EST		7A		1		BRADFORD DIS FLD COMM	2 3
LEWISTOWN	4992	MIFFLIN	JUNIATA	40 35	77 35	480	EST	7A	7A	10	10		AMERICAN VISCOSE CO	2 3 4
LINESVILLE 6 MI NW PENN LINE	5050	CRAWFORD	BEAVER	41 42	80 31	1015	EST		8A		31		MRS R M CRUMB	2 3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
OCK HAVEN 1	5104	CLINTON	WEST BRANCH	41 08	77 28	680	EST	7A	7A	57	57		SAMUEL C DICKEY JR	2 3 5
OCK HAVEN 2	5109	CLINTON	WEST BRANCH	41 08	77 27	620	EST		MID		11		HUGH F PARKER	2 3 4
ONG POND	5160	MONROE	LEHIGH	41 03	75 30	1860	EST		8A		2		THOMAS MECKES	2 3
YCIPPUS 1 MI E	5259	WESTMORELAND	YOUGHIOGHENY	40 14	79 24	1380	EST		5P	53	57		WESTMORELAND WATER CO	2 3
APLE GLEN	5368	MONTGOMERY	DELAWARE	40 11	75 11	370	EST		8A		3		L F SCHEIBNER JR	2 3
APLETON DEPOT	5381	HUNTINGDON	JUNIATA	40 24	77 56	580	EST		7A		10		MRS I S BUCHANAN	2 3
ARCUS HOOK	5390	DELAWARE	DELAWARE	39 48	75 25	12	EST	8A	8A	22	22		SUN OIL CO	2 3 5
ARIENVILLE	5400	FOREST	ALLEGHENY	41 28	79 07	1780	EST		MID		9		U S FOREST SERVICE	2 3 4
ARION CENTER 2 MI SE	5408	INDIANA	CONEMAUGH	40 45	79 02	1610	EST		7A		6		U S E P B G	2 3
ARSHBURG	5435	MC KEAN	ALLEGHENY	41 51	78 46	2120	EST		8A		1		BRADFORD DIS FLD COMM	2 3
ARTINSBURG	5453	BLAIR	JUNIATA	40 18	78 20	1360	EST		MID		11		BLUE MT CANNERIES	2 3 4
ARTINSBURG BLAIR CO AIRPORT	5454	BLAIR	JUNIATA	40 19	78 19	1460	EST	MID	MID	6	6		CIVIL AERO ADM	2 3 4 5
ATAMORAS	5470	PIKE	DELAWARE	41 22	74 42	455	EST		8A		44		HARRY BISLAND	2 3
AUCH CHUNK 1 MI SW	5479	CARBON	LEHIGH	40 51	75 46	800	EST	4P	4P	56	56		HENRY S HAAK	2 3 5
AYBURG	5490	FOREST	ALLEGHENY	41 36	79 13	1150	EST		7A		3		OPAL LITTLEFIELD	2 3
C CONNELLSBURG	5526	FULTON	POTOMAC	39 56	78 00	910	EST		7A		16		RUTH L ROETTGER	2 3
C CONNELLSTOWN 4 MI NW	5534	HUNTINGDON	JUNIATA	40 30	78 08	2340	EST		7A		8		PA DEPT FRST & WTRS	2 3
C KEESPORT	5573	ALLEGHENY	ALLEGHENY	40 21	79 52	800	EST		7A		20		NATL TUBE CO	2 3 7
EADOW RUN PONDS	5601	LUZERNE		41 13	75 40	2000	EST		MID				JOSEPH L HART	2 3 4
EADVILLE 1 MI S	5606	CRAWFORD	ALLEGHENY	41 37	80 10	1065	EST	8A	8A	54	55		CITY OF MEADVILLE	2 3 4 5
EDIX RUN	5627	ELK	WEST BRANCH	41 17	78 23	1125	EST		MID		7		MRS E M SNYDER	2 3 4
ERCER 5 MI NE WB AIRPORT	5649	MERCER	BEAVER	41 17	80 12	1296	EST	MID	MID	9	9		U S WEATHER BUREAU	2 3 4 5
ERCER HIGHWAY SHED	5654	MERCER	BEAVER	41 14	80 15	1240	EST		MID		9		PENNA DEPT HIGHWAYS	2 3 4
ERCERSBURG	5662	FRANKLIN	POTOMAC	39 50	77 54	605	EST		8A				ROLLIN P GILBERT	2 3
ERWINSBURG	5676	NORTHAMPTON		40 57	75 27	840	EST		MID				ROBERT G GOULD	2 3 4
EYERSDALE	5684	SOMERSET	YOUGHIOGHENY	39 49	79 02	1980	EST		8A		10		LOUIS M WELD	2 3
IDDLETOWN OLMSTED FIELD	5703	DAUPHIN	SUSQUEHANNA	40 11	76 46	303	EST	MID	MID	18	18		U S AIR FORCE	2 3 5
IDLAND DAM NO 7 LOWER	5710	BEAVER	OHIO	40 38	80 28	780	EST	11P	7A	11	12		PERRY P CAMPBELL	2 3 5 7
IDLAND DAM NO 7 UPPER	5711	BEAVER	OHIO	40 38	80 28	780	EST						PERRY P CAMPBELL	7
ILAN	5731	BRADFORD	SUSQUEHANNA	41 55	76 32	820	EST		MID		11		W S ROBERTS	2 3 4
ILANVILLE	5738	WAYNE	DELAWARE	41 40	75 04	750	EST		8A		3		CHAS W DAVIS	2 3
ILLERSBURG 2 MI E	5775	DAUPHIN	SUSQUEHANNA	40 32	76 56	545	EST		MID		11		WM H NOVINGER	2 3 4
ILLVILLE	5816	COLUMBIA	SUSQUEHANNA	41 08	76 32	820	EST		MID		11		RUSSELL SHEPLEY	2 3 4
ILROY	5825	MIFFLIN	JUNIATA	40 43	77 35	770	EST		8A		6		DAVID S NACE	2 3
ONROE FURNACE	5884	HUNTINGDON	JUNIATA	40 42	77 54	1200	EST		MID		7		PENNA STATE COLLEGE	2 3 4
ONROETON 2 MI S	5889	BRADFORD	SUSQUEHANNA	41 42	76 28	2200	EST		7A		8		PA DEPT FRST & WATERS	2 3
ONTROSE 3 MI E HIGHWAY SHED	5915	SUSQUEHANNA	SUSQUEHANNA	41 50	75 49	1175	EST	8A	8A	43	43		HARRY S FANCHER	2 3 5
ONTROSE	5920	SUSQUEHANNA	SUSQUEHANNA	41 50	75 52		EST		MID		11		CONSUMERS WATER CO	2 3 4
OSGROVE LOCK 8 LOWER	5987	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST		7A		24		U S E P B G	2 3 7
OSGROVE LOCK 8 UPPER	5988	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST						U S E P B G	7
OUNT POCONO 2 MI N WB AP	6055	MONROE	DELAWARE	41 08	75 22	1914	EST	MID	MID	41	43		U S WEATHER BUREAU	2 3 4 5
OUNT UNION 1 MI NW	6067	MIFFLIN	JUNIATA	40 24	77 53	800	EST		MID		11		MT UNION WATER WORKS	2 3 4
URRYSVILLE	6111	WESTMORELAND	MONONGAHELA	40 26	79 42	903	EST		MID		8		WM MC WILLIAMS	2 3 4
YERSTOWN	6126	LEBANON	SCHUYLKILL	40 23	76 18	520	EST		8A		8		JOHN W WANDELL	2 3
ATRONA LOCK NO 4 LOWER	6151	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST		7A		21		U S E P B G	2 3 7
ATRONA LOCK NO 4 UPPER	6152	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST						U S E P B G	7
EFFS MILLS 4 MI NE	6174	HUNTINGDON	JUNIATA	40 40	77 55	960	EST	8A	8A	8	8	8	PENNA STATE COLLEGE	2 3 4 5
ESHAMINY FALLS	6194	BUCKS	DELAWARE	40 09	74 57	40	EST		5P	27	33		PHILA SUB WATER CO	2 3
EWBURG 3 MI W	6225	FRANKLIN	SUSQUEHANNA	40 09	77 37	745	EST	MID	MID	7	7		PENNA TURNPIKE COMM	2 3 5
EW CASTLE 1 MI N PUMP STA	6233	LAWRENCE	BEAVER	41 01	80 22	900	EST	11P	11P	65	62		NEW CASTLE WATER CO	2 3 4 5
EWELL	6246	FAYETTE	MONONGAHELA	40 05	79 53	800	EST	MID	NOON	35	27		GENERAL CHEMICAL CO	2 3 5
EW PARK	6289	YORK	SUSQUEHANNA	39 44	76 31	780	EST		6P		24		CLINTON J ALLEN	2 3
EWPORT	6297	PERRY	JUNIATA	40 29	77 08	400	EST	7A	7A	1	18		MRS FRANCES FRY	2 3 7
EW TRIPOLI	6326	LEHIGH	LEHIGH	40 42	75 46	580	EST		6P		10		FRED C OSWALD	2 3
ORRISTOWN	6370	MONTGOMERY	SCHUYLKILL	40 07	75 20	48	EST		8A				GEORGE H BOONE	2 3
RWELL 3 MI N	6621	BRADFORD	SUSQUEHANNA	41 55	76 16	1620	EST		6P		5		WM I BROWN	2 3
ALM	6681	MONTGOMERY	SCHUYLKILL	40 26	75 32	380	EST		8A		7		FRED C ESCHBACK	2 3
ALMERTON	6689	CARBON	LEHIGH	40 48	75 37	435	EST	MID	MID	31	32		NEW JERSEY ZINC CO	2 3 4 5
ARKERS LANDING	6719	ARMSTRONG	ALLEGHENY	41 06	79 40	1100	EST		7A		64		JANNETTE E SCHULTZ	2 3 7
ARKERS LANDING 1 MI E	6724	CLARION	ALLEGHENY	41 06	79 41	870	EST		MID		10		PAUL M NEELY	2 3 4
ARK PLACE 1 NW WB AIRPORT	6734	SCHUYLKILL	SCHUYLKILL	40 51	76 06	1952	EST	MID	MID	5	5		U S WEATHER BUREAU	2 3 4 5
AUPACK	6762	PIKE	DELAWARE	41 24	75 12	1523	EST		8A		32		MISS L VETTERLINE	2 3
ECKS POND	6786	PIKE	DELAWARE	41 17	75 05	1380	EST		8A		3		CARRIE NESS	2 3
HILADELPHIA DREXEL INST TECH	6879	PHILADELPHIA		39 57	75 11	30	EST	MID	MID				FRANCIS K DAVIS JR	2 3 5
HILADELPHIA FRANKLIN INST	6884	PHILADELPHIA	DELAWARE	39 58	75 10	100	EST	10A	10A	7	7		FRANKLIN INSTITUTE	7
HILADELPHIA WB AIRPORT	6889	PHILADELPHIA	DELAWARE	39 53	75 14	20	EST	MID	MID	7	7		U S WEATHER BUREAU	2 3 4 5
HILADELPHIA POINT BREEZE	6899	PHILADELPHIA	DELAWARE	39 55	75 12	85	EST	MID	MID	24	24		ATLANTIC REFINING	2 3 4 5
HILADELPHIA SHAWMONT	6904	PHILADELPHIA	DELAWARE	40 02	75 15	70	EST	7P	7P	32	53		SCHUYLKILL NAVIG CO	2 3 5
HILADELPHIA WB CITY	6909	PHILADELPHIA	DELAWARE	39 57	75 09	174	EST	MID	MID	77	77		U S WEATHER BUREAU	2 3 4 5
HILLIPSBURG 7 MI E AIRPORT	6916	CENTRE	JUNIATA	40 54	78 05	1914	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4
HOENIXVILLE 1 MI E PUMP STA	6927	CHESTER	SCHUYLKILL	40 07	75 30	105	EST	SS	8A	37	39		PHILA SUB WATER CO	2 3 4 5
IKES CREEK	6939	LUZERNE	SUSQUEHANNA	41 18	76 06	1250	EST		MID		11		ANDREW STELTZ	2 3 4
INE GROVE 1 MI NE	6954	SCHUYLKILL	SUSQUEHANNA	40 34	76 22	515	EST		8A		24		PA POWER & LIGHT CO	2 3
INE GROVE MILLS 1 MI S	6962	HUNTINGDON	JUNIATA	40 43	77 54	2060	EST		MID		6		PENNA STATE COLLEGE	2 3
ITTSBURGH 7 MI SE WB AP	6992	ALLEGHENY	MONONGAHELA	40 21	79 56	1273	EST	MID	MID	18	18		U S WEATHER BUREAU	2 3 4 5
ITTSBURGH WB CITY	6997	ALLEGHENY	OHIO	40 26	80 00	914	EST	MID	MID	78	78		U S WEATHER BUREAU	2 3 4 5 7
LEASANT MOUNT 1 MI W	7029	WAYNE	DELAWARE	41 44	75 27	1810	EST		7A		27		PENNA GAME COMM	2 3 4
ORT ALLEGANY	7103	MC KEAN	ALLEGHENY	41 48	78 17	1500	EST		7A		6		RALPH MC CONNELL	2 3
ORT ALLEGANY 3 MI SW	7108	MC KEAN	ALLEGHENY	41 47	78 19	1580	EST		7A		6		CRYSTAL SPG TROUT HCY	2 3
ORT CLINTON	7116	SCHUYLKILL	SCHUYLKILL	40 35	76 02	430	EST	8A	8A	10	10		EARL E RARICK	2 3 4 5
ORTLAND	7127	NORTHAMPTON	DELAWARE	40 55	75 06	297	EST		8A		5		JOINT BRIDGE COMM	2 3
OTTSTOWN	7149	MONTGOMERY	SCHUYLKILL	40 15	75 39	180	EST		8A		57		MILES E SMITH	2 3
OTTSVILLE	7156	SCHUYLKILL	SCHUYLKILL	40 41	76 12	820	EST		8A		66		POTTSVILLE WATER CO	2 3
OTTSVILLE PALO ALTO BRIDGE	7161	SCHUYLKILL	SCHUYLKILL	40 41	76 11	640	EST		7A		5		JOHN M SMITH	2 3
UNXSUTAWNEY 1	7217	JEFFERSON	ALLEGHENY	40 57	78 59	1220	EST		7A		28		JOHN VOLANSKY	2 3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PUNXSUTAWNEY 2	7222	JEFFERSON	ALLEGHENY	40 56	78 58	1360	EST		MID		8		PENNA ELEC CO	2 3
PUTNEYVILLE 2 SE DAM	7229	ARMSTRONG	ALLEGHENY	40 55	79 17	1270	EST	8A	8A	5	5		U S E P B G	2 3 4 5
QUAKERTOWN	7239	BUCKS	DELAWARE	40 26	75 20	480	EST	5P	5P	62	64		JOHN E BENNER	2 3 5
RAYMOND	7310	POTTER	ST LAWRENCE	41 52	77 52	2220	EST		MID		10		ARTHUR LENGAN	2 3 4
READING WB CITY	73 18	BERKS	SCHUYLKILL	40 20	75 56	266	EST	MID	MID	51	79		U S WEATHER BUREAU	2 3 4 5 7
RENOVO	7409	CLINTON	WEST BRANCH	41 19	77 46	645	EST		7A		51		MRS C W BAIRD	2 3 7
RENOVO 6 MI S STATE CAMP	7410	CLINTON	WEST BRANCH	41 14	77 46	2035	EST		MID		11		PA DEPT FRST & WATERS	2 3 4
RETREAT FARMS	7417	LUZERNE	SUSQUEHANNA	41 11	76 06	560	EST	6P	6P	16	16		THEO J SAMPSON	2 3 5
REW	7425	MC KEAN	ALLEGHENY	41 54	78 32	2250	EST		8A		1		BRADFORD DIS FLD COMM	2 3
RICES LANDING LOCK NO 6	7443	GREENE	MONONGAHELA	39 57	80 00	775	EST		7A		14		U S E P B G	
RIDGWAY	7477	ELK	ALLEGHENY	41 26	78 44	1385	EST	7A	7A	33	42		WEST PENN POWER CO	2 3 4 5
RINGTOWN 1 MI SW	7497	SCHUYLKILL	SUSQUEHANNA	40 51	76 15	1080	EST		ss		58		BORO SHENANDOAH	2 3 5
ROCHESTER 1 MI N	7540	BEAVER	BEAVER	40 43	80 18	935	EST		MID				DUQUESNE LIGHT CO	2 3 4
RUSH 6 MI S	7694	SUSQUEHANNA	SUSQUEHANNA	41 42	76 03		EST		8A		4		M MAUDE MC CAIN	2 3
SAFE HARBOR DAM	7732	LANCASTER	SUSQUEHANNA	39 56	76 23	180	EST		NOON		10		PA WATER & POWER CO	2 3
SAGAMORE 1 MI SE	7739	INDIANA	ALLEGHENY	40 46	79 14	1320	EST		7A		8		U S E P B G	2 3
SALTSBURG	7796	INDIANA	KISKIMINETAS	40 29	79 27	849	EST		8A		54		WALTER B SULLIVAN	2 3 7
SAXTON	7846	BEDFORD	WEST BRANCH	40 13	78 15	800	EST		7A		8		HUNTINGDON BROADTOP RR	2 3 4
SCANDIA	7855	WARREN	ALLEGHENY	41 55	79 02	2040	EST		MID		8		U S E P B G	2 3 4
SCHENLEY LOCK 5 LOWER	7863	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST		7A		70		U S E P B G	2 3 7
SCHENLEY LOCK 5 UPPER	7864	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST						U S E P B G	7
SCRANTON WB CITY	7902	LACKAWANNA	SUSQUEHANNA	41 25	75 40	805	EST	MID	MID	48	48		U S WEATHER BUREAU	2 3 4
SELINSGROVE AIRPORT	7931	SNYDER	SUSQUEHANNA	40 49	76 52	460	EST	5P	5P	58	58		EUGENE H STEESE MGR	2 3 5
SELLERSVILLE 2 MI NW	7938	BUCKS	SCHUYLKILL	40 23	75 20	530	EST		MID		11		SELLERSVILLE WATER CO	2 3 4
SEWARD	7956	WESTMORELAND	CONEMAUGH	40 25	79 01	1122	EST		7A		10		EDW L STUTZMAN	2 3 7
SHADE GAP	7965	HUNTINGDON	JUNIATA	40 11	77 52	940	EST		MID		10		MRS HELEN L PYLE	2 3 4
SHAMOKIN	7978	NORTHUMBERLAND	SUSQUEHANNA	40 47	76 34	750	EST		8A		44		ROARING CREEK WTR CO	2 3
SHARPSVILLE	8000	MERCER	BEAVER	41 16	80 29	951	EST		7A		10		MRS M J KELLEY	2 3
SHEFFIELD 6 MI W CHERRY GROVE	8026	WARREN	ALLEGHENY	41 42	79 09	1940	EST		MID		11		L N HANSON	2 3 4
SHIPPENSBURG	8073	CUMBERLAND	SUSQUEHANNA	40 03	77 32	709	EST	4P	4P	16	20		STATE TEACHERS COLL	2 3 5
SMETHPORT HIGHWAY SHED	8190	MC KEAN	ALLEGHENY	41 48	78 27	1510	EST		MID		11		PENNA DEPT OF HWYS	2 3 4
SOMERSET WATER WORKS	8249	SOMERSET	YOUGHIOGHENY	40 01	79 05	2100	EST	6P	6P	79	65		D L GROVE	2 3 5
SOMERSET 2 MI E SUBSTATION	8254	SOMERSET	YOUGHIOGHENY	40 01	79 03	2280	EST		7A		13		PENNA ELECTRIC CO	2 3
SOUTH CANAAN 1 MI E	8275	WAYNE		41 31	75 24	1380	EST		MID				EUGENE M COOK	2 3 4
SOUTH MOUNTAIN	8308	FRANKLIN	POTOMAC	39 51	77 30	1600	EST		7A		9		PENNA DEPT OF HEALTH	2 3
SPRING GROVE	8379	YORK	SUSQUEHANNA	39 52	76 52	470	EST		4P		8		P H GLATFELTER CO	2 3 4
SPRINGS 1 MI SW	8395	SOMERSET	YOUGHIOGHENY	39 44	79 10	2500	EST	8P	8P	29	29		ALLEN E YODER	2 3 5
SPRUCE CREEK	8405	HUNTINGDON	JUNIATA	40 36	78 08	760	EST		7A		2		MRS C E SEIBER	2 3
STATE COLLEGE	8449	CENTRE	WEST BRANCH	40 48	77 52	1175	EST	MID	MID	61	64		PENNA STATE COLLEGE	2 3 4 5
STRAUSSTOWN	8570	BERKS	SCHUYLKILL	40 30	76 11	600	EST		8A		3		ROBT B HIESTER	2 3
STRONGSTOWN	8589	INDIANA	CONEMAUGH	40 33	78 55	1880	EST		MID		8		HARRY F BENNETT	2 3 4
STROUDSBURG 2 MI E SUBSTATION	8596	MONROE	DELAWARE	41 00	75 09	327	EST	9A	9A	31	31		METROPOLTN EDISON CO	2 3
STROUDSBURG	8601	MONROE	DELAWARE	40 59	75 11	390	EST		MID		10		SEWAGE TREATMENT WKS	2 3 4
STUMP CREEK	8610	JEFFERSON	ALLEGHENY	41 01	78 50	1320	EST		7A		8		U S E P B G	2 3
SUNBURY	8668	NORTHUMBERLAND	SUSQUEHANNA	40 51	76 48	440	EST		7A		26		CHAS W BAYLER	2 3 4 7
SUNBURY AIRPORT 2 MI N	8673	NORTHUMBERLAND	SUSQUEHANNA	40 54	76 47	454	EST	MID	MID	3	3		CIVIL AERO ADM	2 3 5
SUSQUEHANNA	8692	SUSQUEHANNA	SUSQUEHANNA	41 57	75 36	1000	EST		7A		14		LAURA BENSON	2 3
SUTERSVILLE	8699	WESTMORELAND	YOUGHIOGHENY	40 14	79 48	770	EST		7A		8		J H CRUMRINE	2 3 7
TAMAQUA	8758	SCHUYLKILL	SCHUYLKILL	40 48	75 58	800	EST		7A		7		MARY L ROBERTS	2 3
TAMAQUA 4 MI N STILL CRK DAM	8763	SCHUYLKILL	SCHUYLKILL	40 51	76 00	1120	EST		7A		16		PANTHER VALLEY WTR CO	2 3 4
TAMARACK 2 MI S FIRE TOWER	8770	CLINTON	WEST BRANCH	41 24	77 51	2200	EST		7A	6	8		JAMES E SCHWARTZ	2 3 5
TIONESTA 2 MI SE DAM	8873	FOREST	ALLEGHENY	41 29	79 26	1200	EST	8A	8A	5	12		U S E P B G	2 3 5
TITUSVILLE 2 MI S	8880	VENANGO	ALLEGHENY	41 36	79 40	1550	EST	5P	5P	5	5		U S WEATHER BUREAU	2 3 5
TITUSVILLE	8885	CRAWFORD	ALLEGHENY	41 38	79 40	1200	EST		MID		10		PENNA ELECTRIC CO	2 3 4
TOWANDA	8905	BRADFORD	SUSQUEHANNA	41 46	76 26	753	EST	7P	7P	54	54		MRS M O PARKS	2 3 4 5 7
TOWER CITY 5 SW	8910	DAUPHIN	SUSQUEHANNA	40 32	76 37	725	EST		ss		3		HARRISBURG WATER DEPT	2 3
TUNKHANNOCK 1 MI S AIRPORT	8982	WYOMING	SUSQUEHANNA	41 32	75 57	639	EST	9A	9A	3	7		J D CHAMBERS MGR	2 3 4 5
TUNNELTON	8989	INDIANA	CONEMAUGH	40 27	79 23	900	EST		MID		8		W D WEIMER	2 3 4
TYRONE 4 MI NE BALD EAGLE	9024	BLAIR	JUNIATA	40 43	78 11	1080	EST		MID		11		FRED L FRIDAY	2 3 4
UNION CITY 1 MI W	9041	ERIE	ALLEGHENY	41 54	79 52	1280	EST		MID		11		PENNA ELECTRIC CO	2 3 4
UNIONTOWN	9050	FAYETTE	MONONGAHELA	39 54	79 44	1040	EST	6P	6P	59	60		WM W MARSTELLAR	2 3 5
VANDERGRIFT	9128	WESTMORELAND	KISKIMINETAS	40 36	79 33	800	EST		7A		9		UNITED ENG & FNDRY CO	2 3 7
VANDERGRIFT 2 MI W	9133	WESTMORELAND	KISKIMINETAS	40 36	79 36	995	EST		MID		10		EUGENE R YOUNG	2 3 4
VIRGINVILLE	9196	BERKS	SCHUYLKILL	40 31	75 52	230	EST		8A		3		IRENE M WERLEY	2 3
WARREN	9298	WARREN	ALLEGHENY	41 50	79 09	1190	EST	7P	7A	52	60		MERRELL L JORDAN	2 3 5 7
WASHINGTON	9312	WASHINGTON	OHIO	40 11	80 14	1200	EST		MID		10		PENNA DEPT OF HWYS	2 3 4
WATROUS 9 MI S LEE FIRE TOWER	9340	TIOGA	WEST BRANCH	41 37	77 33	2425	EST		7A		5		PA DEPT FRST & WTRS	2 3
WATSONTOWN	9345	NORTHUMBERLAND		41 05	76 52	490	EST		6P				WILLIAM H BIRD	2 3
WAYNESBURG 2 MI W	9362	GREENE	MONONGAHELA	39 54	80 13	980	EST	6P	7A	19	21		MFRS LIGHT & HEAT CO	2 3 4
WAYNESBURG 1 MI E	9367	GREENE	MONONGAHELA	39 54	80 10	940	EST		MID		10		RALPH M AMOS	2 3 5
WEBSTER MILLS 3 MI SW	9380	FULTON	POTOMAC	39 50	78 05	920	EST		MID		7		WM D COVER	2 3 4
WELLSBORO	9407	TIOGA	WEST BRANCH	41 45	77 17	1319	EST	7A	7A	69	78		M S BLISS	2 3 5
WELLSBORO 2 MI E	9412	TIOGA	WEST BRANCH	41 45	77 15	1610	EST		MID		12		IDA S MAYNARD	2 3 4
WELLSVILLE	9420	YORK	SUSQUEHANNA	40 03	76 57	500	EST	5P	5P	2	2		D D HOOVER	2 3 5
WERNERSVILLE	9430	BERKS	SCHUYLKILL	40 20	76 05	400	EST		7P		11		J H THOMPSON	2 3
WEST CHESTER	9464	CHESTER	DELAWARE	39 57	75 36	400	EST	7P	7P	93	98		CLYDE T SAYLOR	2 3 5
WEST GROVE 1 MI SE	9503	CHESTER	DELAWARE	39 48	75 49	452	EST		8A		19		CONRAD-PYLE CO	2 3
WHITESBURG	9655	ARMSTRONG	ALLEGHENY	40 45	79 24	1530	EST		7A		8		U S E P B G	2 3
WILKES-BARRE	9702	LUZERNE	SUSQUEHANNA	41 15	75 52	700	EST		7A		63		MRS MARY G MIRMAK	2 3 7
WILLIAMSPORT 4 SE	9723	LYCOMING	WEST BRANCH	41 13	76 57	1990	EST		7A		8		PA DEPT FRST & WATERS	2 3
WILLIAMSPORT 4 E WB AIRPORT	9728	LYCOMING	WEST BRANCH	41 14	76 56	580	EST	MID	MID	8	8		U S WEATHER BUREAU	2 3 4 5
WILLIAMSPORT	9733	LYCOMING	WEST BRANCH	41 15	77 01	540	EST		7A	55	62		SAMUEL W PURSELL	2 3 4 7
WILLIAMSTOWN	9741	DAUPHIN	SUSQUEHANNA	40 35	76 38	775	EST	5P	7A	33	14		GORDON E LOWER	2 3 5
WIND GAP 3 MI SW	9781	NORTHUMBERLAND	DELAWARE	40 49	75 20	730	EST		MID		3		GEO R HARTZ	2 3 4
YORK 3 MI SW PUMP STATION	9933	YORK	SUSQUEHANNA	39 55	76 45	390	EST	5P	5P	50	61		CLAYTON L BOTT	2 3 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
YORK 2 MI S FILTER PLANT	9938	YORK	SUSQUEHANNA	39 56	76 44	640	EST		MID		11		YORK WATER CO	2 3 4
YORK HAVEN	9950	YORK	SUSQUEHANNA	40 06	76 43	300	EST		8A		28		METROPOLTN EDISON CO	2 3
YOUNGSVILLE	9966	WARREN	ALLEGHENY	41 51	79 19	1205	EST		MID		8		HIRAM C LYONS	2 3 4
ZIONSVILLE 1 MI SW	9994	LEHIGH	SCHUYLKILL	40 28	75 31	820	EST		6P		17		HORACE MILLER	2 3

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24-hours ending at time of observation. See the Station Index for observation time.

- \- No record.
- \+ And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with windshield.
- 6 No recording gage, precipitation is measured at 6-hourly intervals.
- a, b, c, through i Number of days missing. a indicates one day missing, b indicates two days missing, etc.
- ss This entry in time of observation column in Station Index means sunset.
- r Station equipped with recording gage only. All amounts in Table 3 are from the non-recording gages, except for stations with this reference.
- x Daily precipitation totals in Table 3 are for the 24-hours ending at 1:30 A.M., E.S.T., of the following day.
- z Hourly amounts from recording gage at the same site may be found in Table 4.
- T Trace, an amount too small to measure.

Data in Table 4 were formerly published in the Hydrologic Bulletins for North Atlantic District and Ohio River District. Amounts in this table are from recording gages. Traces are not shown.

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CLIMATOLOGICAL DATA

PENNSYLVANIA

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SEPTEMBER 1948

Volume LIII No. 9

WASHINGTON: 1948

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PENNSYLVANIA - SEPTEMBER 1948

L. F. Conover, Section Director - Harrisburg

GENERAL SUMMARY

This first month of meteorological autumn is characteristically dry, seemingly balmy and sunny with a few hot days in the first week and some frosty days in the latter half of the month; thunderstorms are normally recorded at a large number of stations and the "equinoctial" rains are a more or less regular occurrence about the first day of Fall. However, this general description did not fit the weather for September, 1948 as it was mild, unusually dry and there was a little less sunshine than normal.

The first day of the month was cool with scattered light frost in western counties, but the weather moderated thereafter through the second decade, with a small portion of the stations reporting 90° maxima on the 13th or 14th. A large high pressure system moving out of Canada on the 21st, terminated the warm weather. Frosty mornings were prevalent in the central areas beginning on the 22nd. The month's low of 25° at Philipsburg was 8° warmer than the all-time September minimum recorded there a year previously.

Only six other Septembers have had less precipitation recorded. The greatest deficiencies, 3.00 inches or more, were in Wayne, Pike, Monroe, Luzerne, Sullivan and Columbia Counties, and locally in Bradford County. Only in portions of Chester, Crawford and Washington Counties did a few stations report excesses of precipitation. Water supply became low in central counties and in the northeastern dairy area some hauling of water was necessary during the first three weeks of September. Some wells went dry in central localities the third and fourth weeks of the month. Thunderstorms in the vicinity of Bloomsburg, Pa. caused $20,000 damage when lightning destroyed 10 farm animals and a barn, and winds uprooted 50-foot high trees that were over 1 foot in diameter.

Extended dry weather limited size of grapes and winter apples and slowed up the sowing of wheat and rye; corn, potatoes and oats, either were benefited or held their own because of the dry weather during the month. Buckwheat, late cabbage and soybean yields were disappointing. Tobacco generally weathered unseasonable dry spell.

TEMPERATURE

The average temperature for the State as deduced from the reports of 112 stations was 63.8°, which is 0.4° below the 61-year normal for September. The highest monthly mean was 70.9° at Marcus Hook and the lowest was 56.8° at Hawley (Wallenpaupack Dam). Extremes ranged from a maximum of 95° at Phoenixville on the 13th and Lewistown on the 14th, to a minimum of 25° at Philipsburg on the 22nd.

PRECIPITATION

The average precipitation for the State, computed from the observations of 114 stations was 1.62", which is 1.81" below the 61-year normal for September. The greatest monthly amount was 4.95" at West Chester, while the least was 0.17" at Ingmans Ferry. The greatest 24-hour precipitation was 3.02" at Jamestown on the 20th.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

SEPTEMBER 194

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN-SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
ALLENTOWN WB AIRPORT	30.52	17	29.73	20					86	88	48	71		86
ERIE WB	30.50	26	29.78	9	6.8	22	SE	29	80	83	62	78	37	67
HARRISBURG WB AIRPORT	30.50	17	29.71	20	5.4	23	NW	9	82	85	50	66	53	71
PHILADELPHIA WB	30.52	17	29.71	20	6.3	24	NW	18	85	84	51	71	65	21
PITTSBURGH WB AIRPORT	30.45	26	29.80	23	8.7	22	NW	9	75	82	48	58	50	75
READING WB CITY	30.52	17	29.72	20	7.6	40	N	9		81			61	50
SCRANTON WB CITY	30.50	26	29.70	20	5.2	28	NW	18		79	53		69	99

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1888	59.6	84	29	4.84	0.0	10
1889	61.9	92	30	5.05	0.0	13
1890	62.2	91	25	4.57	T	11
1891	66.6	94	32	2.39	0.0	7
1892	62.4	90	29	2.81	0.0	7
1893	61.2	90	26	2.67	0.0	8
1894	66.6	95	24	6.30	0.0	10
1895	67.8	100	24	1.71	T	6
1896	63.6	98	26	4.82	0.0	10
1897	63.8	100	24	2.18	0.0	5
1898	66.0	100	25	1.70	0.0	6
1899	61.8	93	23	4.70	T	10
1900	68.4	100	27	1.77	0.0	6
1901	63.6	95	29	3.39	0.0	9
1902	62.7	99	28	4.66	0.0	11
1903	63.2	94	27	2.09	0.0	6
1904	63.7	95	21	3.37	0.0	9
1905	64.0	95	27	3.41	0.0	7
1906	67.0	99	30	2.46	0.0	7
1907	64.8	95	29	6.37	0.0	14
1908	65.6	99	26	1.60	0.0	3
1909	62.8	96	26	2.27	0.0	6
1910	65.5	95	32	4.49	0.0	10
1911	64.9	92	26	5.29	0.0	10
1912	65.5	95	25	5.57	0.0	12
1913	62.4	97	24	3.28	0.0	8
1914	61.5	98	21	0.99	0.0	5
1915	66.5	96	25	2.56	0.0	8
1916	62.5	98	23	3.77	0.0	8
1917	59.0	91	25	2.31	0.0	6
1918	58.7	88	28	3.97	0.0	10
1919	64.4	96	28	2.07	0.0	8

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1920	64.5	91	24	3.99	0.0	9
1921	68.9	98	31	4.68	0.0	11
1922	66.3	100	22	1.48	0.0	4
1923	64.8	92	22	3.55	0.0	10
1924	59.8	99	26	6.44	T	11
1925	67.5	99	24	2.80	T	8
1926	64.2	99	26	5.81	0.0	12
1927	64.9	97	27	2.08	0.0	6
1928	60.4	94	25	2.33	T	9
1929	65.7	101	24	3.71	0.0	9
1930	67.8	101	27	2.45	0.0	9
1931	69.1	104	29	3.15	0.0	9
1932	65.2	105	23	1.45	0.0	6
1933	66.3	98	32	4.66	0.0	12
1934	66.4	94	31	6.58	0.0	12
1935	62.2	95	24	3.51	0.0	8
1936	66.5	96	28	2.17	T	8
1937	61.5	97	25	1.90	0.0	7
1938	62.0	95	26	4.74	0.0	12
1939	65.9	101	27	2.95	0.0	9
1940	61.4	95	21	3.41	T	7
1941	66.0	98	24	1.33	0.0	5
1942	63.7	96	19	4.38	T	10
1943	61.4	102	18	0.72	T	5
1944	63.4	100	23	3.85	0.0	12
1945	65.9	96	29	6.42	0.0	14
1946	64.3	96	26	3.30	T	7
1947	64.2	95	17	2.35	T	8
1948	63.8	95	25	1.62	0.0	6
PERIOD	64.2	105	17	3.40	T	9

Station	Temperature						No. of Days		Precipitation							No. of Days		
	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail Total	Snow, Sleet, Hail Max. Depth on Ground	Snow, Sleet, Hail Date	.01 or more	.25 or more	1.00 or more
ATLANTIC DRAINAGE																		
LENTOWN WB AIRPORT	65.4	0.6	90	13	39	22+	1		1.32	-2.08	.80	30				5	1	
LENTOWN GAS CO	65.6	0.4	90	14	39	22+	1		1.38	-2.05	.55	10				7	2	
TOONA HORSESHOE CURVE	63.0	-0.1	88	13	35	23			1.82	-1.25	1.10	7				9	1	1
NDSTVILLE	65.1	-0.8	91	14	40	25	1		1.29	-2.45	.34	30				5	3	
VERTOWN	65.2 m		92	13	34	22+	2		1.63		.70	9				8	2	
LEFONTE ROCKVIEW FARM	62.6 m		88	14	33	23			1.46	-1.38	.42	4				9	2	
WICK	66.6 m		92	13	37	22+	2		1.17		.35	9				6	3	
THLEHEM LEHIGH UNIV	66.8	-0.1	92	13	42	22+	1		1.22	-2.15	.86	30				7	1	
NT CABINS 2 NE	63.2 m		91	13	30	26	2	3	1.28		.46	10				5	4	
TON 1 NW	65.3 m		89	13+	34	22+			.88		.41	10				5	2	
LISLE	65.0	-0.5	92	13	35	27	3		.86	-2.60	.45	10				5	1	
MBERSBURG	65.4	-0.9	90	9+	37	23+	2		1.55	-1.54	.52	10				7	3	
LPORT	60.6		88	5+	30	27+		5	1.20		.50	8				5	2	
TESVILLE 1 SW	64.3	-2.0	89	14	38	27			3.66	- .05	1.30	8				6	4	1
UMBIA	67.3		93	13	39	22+	3		1.10		.52	30				3	2	
WENSVILLE 6 NW	60.2		82	13	38	22+			1.43		1.03	7				10	1	1
LES MERE	59.3		81	14	37	22			.87	-4.12	.38	10				6	1	
T WATERFORD 3 E	63.4		85	13	40	23			1.35	-1.61	.47	30				10	2	
ORIUM	62.6	1.1	94	5	34	23	1		.92	-2.64	.38	10				5	2	
RATA	66.9	0.5	92	13	40	22	2		2.27	-1.30	.96	4				6	3	
RETT	62.4	-0.6	88	13	36	26+			2.81	- .24	.70	8				10	4	
DERICKSVILLE 1 S	64.4		86	13	35	22			2.09		1.05	10				6	3	1
ELAND	64.4	4.2	83	9+	36	22			.74	-3.07	.28	10+				6	2	
RGE SCHOOL	65.6	-0.9	90	13	40	22+	1		1.72	-1.85	1.29	10				4	2	1
TTYSBURG	66.3	0.2	91	14	40	25+	1		.89	-2.63	.25	30				6	1	
DON	62.7	0.3	89	13	32	22+		2	.99	-2.92	.35	8				6	1	
OVER	66.6	-1.1	93	13	38	25	2		.99	-2.23	.30	11				6	1	
RISBURG 3 S WB AIRPORT	66.4	0.6	90	9+	41	22	2		.77	-2.28	.28	10				7	1	
LEY	61.4	0.3	90	13	33	22+	1		.38	-3.23	.18	19				6		
LEY 1 S WALLEN DAM	56.8		85	13	27	22+		5	.29		.10	11				7		
ITT 2 S	65.4 m		90	13	34	23+	1				1.08	21						1
TWOOD	69.0	-0.1	90	9+	46	25	2		1.56	-1.09	1.02	11				6	1	1
TINGDON	63.6	-1.0	92	5+	32	26+	3	3	.63	-2.73	.15	10+				6		
CASTER 2 NE PUMP STATION	63.5	-2.2	87	9+	34	25			1.42	-1.96	.64	10				4	2	
CASTER 3 NE EXP STATION	64.7		90	14+	39	25	2		.93		.29	11				5	2	
RENCEVILLE	62.8	0.9	94	13	36	26+	1		1.22	-1.86	.62	4				3	2	
ANON	65.6	-0.2	91	13	40	22+	1		1.70	-1.77	.91	5				6	2	
ISTOWN	65.6		95	14	38	23+	3		2.50		.92	10				8	3	
K HAVEN 1	65.0		93	14	38	22+	1		.73		.38	10				4	1	
CUS HOOK	70.9		90	10+	49	22	2		1.92	-1.14	.64	10				6	4	
TINSBURG BLAIR CO	63.3		86	13	37	23+			1.35		.66	7				6	1	
CH CHUNK 1 SW	61.0 m	-3.0							2.02	-2.04						7		
DLETOWN OLMSTED	66.1	-0.1	91	13	39	22+	3		1.11	-2.33	.51	10				8	2	
TROSE 3 E HGWY SHED	60.4	-0.1	88	14	34	22			.89	-2.97	.32	19				7	1	
NT POCONO 2 N WB	59.8	1.4	83	13	33	22			1.27	-3.65	.49	8				9	2	
FS MILLS 4 NE	62.0		88	13	29	26		3	.88		.26	10+				5	2	
BURG 3 W	57.8		85	13	30	26		1	.99		.40	10				6	1	
PORT	63.7		94	14	32	23	2	1	.90	-2.46	.28	10				5	1	
MERTON	64.0	-0.1	88	13	37	23			2.31	-1.41	1.41	8				6	2	1
K PLACE 1 NW WB	61.5		84	9+	38	23			.96		.25	10				6	1	
LADELPHIA WB AIRPORT	67.7		90	13	46	25+	1		2.09	-1.05	.73	10				6	4	
LADELPHIA POINT BREEZE	70.0		90	13	48	22+	1		1.37		.69	10				4	2	
LADELPHIA SHAWMONT	68.5 m	0.4	90	13	44	22+	1		2.54	- .79	1.70	10				5	3	1
LADELPHIA WB CITY	69.4	1.4	89	9+	50	22+			1.24	-1.90	.71	10				4	1	
LIPSBURG 7 E AIRPORT	57.4		85	13	25	22		7	.87		.41	7				7	2	
NIXVILLE 1 E PUMP STA			95	13			7		4.93	1.55	2.32	9				5	4	2
T CLINTON			89	14					3.29	- .76	1.31	10				8	5	1
ERTOWN	62.2	-1.7	87	13	33	26+			1.89	-1.76	1.16	30				4	2	1
DING WB CITY	67.4	0.8	91	13	44	27	1		3.02	- .19	1.09	8				7	5	1
REAT FARMS	64.1		89	13	36	23			.54		.25	30				4	1	
NTON WB CITY	64.6	1.7	89	13	38	22			.90	-2.27						9	2	
NSGROVE AIRPORT	64.4	-0.4	91	13	33	22+	2		1.37	-2.06	.64	30				6	2	
TTSBURG	67.3	-1.2	92	9	38	23+	2		.98	-2.38	.66	10				5	1	
TE COLLEGE	64.0	1.2	87	13	37	23			1.26	-1.76	.34	4				8	3	
UDSBURG SUBSTATION					37	22			.28	-3.34	.14	11				5		
BURY 2 N AIRPORT	65.2		91	13	38	23	1		1.12		.74	30				6	1	
RACK 2 S FIRE TOWER	59.5								.64		.22	8+				6		
NDA	63.6	1.2	92	13	35	23	1		1.28	-1.98	.36	20				7	2	
HANNOCK 1 S	63.1		84	14	34	22+	3		1.65		.41	30				7	3	
SBORO	60.0	0.1	88	5+	33	23+			1.31	-1.77	.68	21				5	2	
LSVILLE	64.4		89	13	34	25			1.26		.45	10				6	3	
T CHESTER	66.5	0.8	90	13	43	22+	1		4.95	1.09	1.94	30				7	3	3
LIAMSPORT 4 E WB	64.0		91	13	38	23	1		1.23		.52	4				6	2	
LIAMSTOWN	64.2 m	-0.8	89	13	35	22+			2.06	-1.65	.72	10				6	3	
K 3 SW PUMP STATION	67.0	0.5	93	9	35	25	3		1.31	-2.03	.85	10				6	1	
DIVISION	64.2	-0.3							1.47	-2.04								
OHIO DRAINAGE																		
RSTOWN 4 WNW	61.1		88	18	33	26			1.57		.70	19				8	2	
RSVILLE 6 ENE	63.2		83	4+	38	23			.89	-2.36	.41	21				9	1	
FORD 4 W RES NO 1	58.2	-2.1	84	6+	29	26		5	1.10	-3.09	.46	20				7	2	
KVILLE AIRPORT	60.8	0.4	86	4	32	26		1	2.00	-1.16	1.33	7				7	1	1
ION 3 SW	61.6		88	4+	33	23			.94	-2.82	.32	19				7	1	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2—Continued

Station	Temperature								Precipitation									
							No. of Days						Snow, Sleet, Hail			No. of Days		
	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
CLAYSVILLE	64.2	-1.4	88	13	33	26			3.60	.36	2.08	19				5	3	1
CONFLUENCE 1 SW	62.7		86	4	36	26			2.86		1.83	22				10	2	1
CORRY	61.7	0.6	84	4+	32	22+		4	1.61	-2.37	.68	19				9	2	
COUDERSPORT	60.2	0.1	88	13	31	23+		3	1.16	-2.11	.66	8				4	2	
DERRY	65.2	-0.3	88	12+	34	26			2.17	- .99	1.03	21				7	2	1
DONEGAL	60.4		84	4	29	26		2	1.62		.71	21				10	1	
DONORA	68.6	0.5	90	13+	40	26	3		1.96	- .86	.71	21				8	3	
EBENSBURG	62.6	1.4	83	14	35	22+			1.60	-1.82	.73	8				5	2	
FARRELL SHARON			82	4+					1.96	- .88	1.00	19				7		1
FORD CITY 4 S	62.5		90	14	35	23	1		.92		.36	22				9	1	
FRANKLIN	62.6	-0.1	87	5+	37	23			1.61	-1.91	.60	30				7	3	
GREENSBURG 2 S FILTER PLANT	63.2	-2.2	86	13+	32	26		1	1.72	-1.52	.52	21				8	3	
GREENVILLE	63.5	0.4	89	12	32	25		1	2.93	- .52						7		
INDIANA 2 SE	62.4		88	13	33	23+			.92		.35	8				6	1	
INDIANA	65.9	1.5	87	13	38	23			1.21	-2.51	.73	8				8	1	
IRWIN	65.5	0.1	89	17	34	26			1.31	-1.61	.44	19				8	2	
JAMESTOWN 2 NW	62.2		88	12+	32	25		1	4.54	1.19	3.02	20				6	3	1
JOHNSTOWN 1	65.5	0.1	90	4+	38	26	4		1.62	-1.86	.62	8				8	3	
KANE 1 NW	57.0		83	4+	29	22+		8	1.08	-2.69	.65	7				5	1	
MEADVILLE 1 S	61.6	-0.5	88	13+	34	23+			1.27	-2.33	.60	30				6	2	
MIDLAND DAM NO 7 LOCK	65.8	0.8	87	13+	40	26			2.28	- .29	.64	19				8	4	
NEW CASTLE 1 N PUMP STATION	63.7	-0.7	89	12+	34	26			2.03	-1.05	1.13	19				7	2	1
NEWELL	68.3	1.6	91	14+	41	25	2		2.33	- .63	.82	19				10	4	
PITTSBURGH 7 SE WB	66.0		87	13+	43	23+			1.27		.50	19				5	3	
PITTSBURGH WB CITY	68.1	1.7	90	13	44	26	1		1.65	- .93	.63	19				8	2	
PUTNEYVILLE 2 SE	59.6		90	13	27	23	1	4	.85		.33	8				5	2	
RIDGWAY	61.2	1.2	90	5	33	22+	1		1.34	-1.95	.95	8				5	1	
SOMERSET WATER WORKS	60.7		85	3+	28	26		3	3.06	- .42	.78	7				10	3	
SPRINGS 1 SW	59.0	-0.9	83	4	30	26		2	3.22	- .20	1.76	21				10	3	1
TIONESTA 2 SE DAM	61.6		86	5	36	24+			1.41	-1.93	.79	19				6	1	
TITUSVILLE 2 S	60.9		88	12	30	23		3	2.44		1.24	19				7	2	1
UNIONTOWN	66.4	-0.1	87	13+	37	26			2.30	- .92	1.25	21				8	3	1
WARREN	64.0	1.8	91	14	36	22	1		.89	-2.87	.43	8				5	1	
WAYNESBURG 1 E	63.4		89	4	32	26+		2	3.83		1.52	20				9	3	2
DIVISION	62.9	-0.7							1.90	-1.49								
LAKE DRAINAGE																		
ERIE WB CITY	66.4	2.8	86	5	45	25			1.01	-2.38	.32	9				7	2	
DIVISION	66.4	2.8							1.01	-2.38								
STATE	63.8	-0.4							1.62	-1.81								

See reference notes following Station Index

DAILY PRECIPITATION

Table 3

PENNSYLVANIA

SEPTEMBER 1948

Station	Day of Month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
METONIA LOCK 3 LOWER	.04						.04	.15											.30	.21	.24	.30							.10	.12		1.50
LBION E	-	-	-	-	-	-	-		.05										.58											2.8		
LLENS MILLS F							.53	.05	.24										.08	.19												1.09
LLENTOWN WB AIRPORT E				.03			T	.10	19	.20									T	T										.80		1.12
LLENTOWN GAS CO	T				.05			.30	.20	.55	.22										.01									.05		1.38
LTOONA HORSESHOE CURVE							1.10	.11	.04	.07								.05		.03	.16								.08	.18		1.82
MBRIDGEVILLE									.09	.32	.31											.23								.34		1.29
NDERSBURG 2 W F			.21	.01			.04	.36											.15	.35										.62		1.14
NKERSTOWN 4 WNW								.20		.03	.02								.70	.05	.40								.07	.10		1.57
RNES							.07	1.37		.07	.08									.04										.12		1.75
AR GAP				.28				.32	.21	.23										.16										.30		1.50
AVER FALLS								.03	.06	T									.46	.12	T	.32							*	.54		1.53
AVERTOWN				.06			.16	T	.70	.13								.05		.07									T	.46		1.63
LKFONTE ROCKVIEW FARM				.42	.12	.14		.11	.17	.34	.02									.06		T								.08		1.46
RWICK				.30				.03	.35	.18										.06										.25		1.17
THLEHEM RIVER STATION	T				.04			T	.01	.13	.16								T											.02		.36
THLEHEM LEHIGH UNIV E				.05			T	.01	.13	.15	.01							T	T	.01										.86		1.22
LAIR F			.05	.05				.02	.47	.27		.05								.07										.25		1.23
LAIRSVILLE 6 ESE						T	.12	.01	.07	.03								T	.12	.06	.41			T	T				.05	.02		.89
LAKESLEE CORNERS F				.08			.05			.13								.45		.12										.10		.93
LOSERVILLE 1 N							.18		.12	.35									T		.08	T							T	.32		1.05
OSWELL E								.79		.12											.54	.56							.04	.06		2.11
RADDOCK LOCK N				T			.02	T											.34	.25	.18	.40							.09	.10		1.38
RADFORD CITY HALL						.02	.30	.05											.22		.22									.22		1.03
RADFORD 4 W RESERVOIR							.07	.27	.02									T	.08	.46				T	T				*	.20		1.10
RADFORD 5 S							-	-											-	.90										-		-
REEZEWOOD							.64		.70	.20									*	.52	.53								.12	.58		3.29
ROOKVILLE AIRPORT						T	1.33	.13	.24	T									.18	.02									.08	.02		2.00
RUCETON							T	.01											*	.52	.18	.48							.26	.12		1.57
UCKSTOWN F				.03		.10	.40		.12	.07								.05		.62	.60								.32	.01		2.32
FFALO MILLS	.04				1.15		.17	.40	.12	.34									.19		.13	.70								.34		3.58
RNT CABINS 2 NE							T		.25	.46											.27								.05	.25		1.28
TLER SUBSTATION F							.18	.02	.18										.66		.20								-	-		-
MP HILL							T	T		.05	.38								T	T	.13	T								.24		.80
STON 1 NW E				.07						.41									.05		.26									.09		.88
RLISLE							.03	.04	T	.45										T	.12								T	.22		.86
RROLLTOWN							.06	.47		.05									.04		.20	.18								.22		1.22
RTER CAMP E				.01				.09	.05	.46									T	.10	.24									.13		1.08
DAR RUN								.01	.01	.13									.17	.02	.33									.37		1.04
DDS FORD					.33				.33	2.10	1.08								.07											.25		4.16
AMBERSBURG E							.15	.03	.28	.52								T		T	.29								.04	.24		1.55
ARLEROI F							.12			.01									.92		.69								.26	.13		2.13
ARLEROI LOCK 4 LOWER							.01	.03		.01									.25	.63	.04	.76	T						.21	.12		2.06
LARION 3 SW E							.05	.15		.22									.32	.04	.02									.14		.94
LAUSSVILLE								.20	.07	.97	.17																			.12		1.53
LAYSVILLE								.17											2.08		.90											
LEARFIELD							.07	.52		T	.03									.02	.01								.43	.02		3.60
OALDALE 2 NW					.18			.05	.03	.22	.24										.05									.04		.69
OALPORT E								.50		.08									.17		.35	.10								.05		.82
OATESVILLE 1 SW E					.42			.76	1.30	.90	T								.05											.23		1.20
OATESVILLE					.38			T	.56	1.39	.90							.11												.23		3.66
OGAN STATION 2 N								.19												-												3.57
LUMBIA									T	.48											.10								T	.52		-
NFLUENCE 1 SW E							.01	.17	.02	.43	.04								.10	.09	T	1.83							.05	.12		1.10
NFLUENCE 1 NW							.04	.33	.07	.33	.01								.17	.10		1.55							.03	.12		2.86
NNELLSVILLE							.06	.31		.07									.14	.20	.17	.92							.06	.03		2.75
NNELLSVILLE 4 N F						.04	.25			.05									.30	.16	.93								.08			1.96
NSHOHOCKEN										.93									.44											.11		1.81
RAOPOLIS DAM 2							.29	.08		.07									.45	.28	.42	.34							.15	.40		1.48
RRY		.02					.15	.06	.02	.21									.68				.01						.04	.42		2.49
UDERSPORT							.05	.66	.42										.03											T		1.61
VINGTON				.04						.08									.11		.38									.10		1.16
RKSIDE							.12	.33	.12										.06		.10	.27										.71
SSON 1 E SUMMIT F							.49	.02	.06											.06	.14								.05	.08		1.00
RWENSVILLE 6 NW AIRPORT				.02		.06	1.03	T	.05	.08								.04	.01	.07	T			T					.02	.05		.90
STER CITY 2 W SONGBIRD							.04	.33	.20	T	.13								T		.70									.14		1.43
NVILLE				.05						.25	.07										.09									.80		1.54
UPHIN 3 N	T				T	.25	.01	T	.25	.25	.24								*	*	.13									.23		1.26
RRY							.10	.57	.04	T									.22	.19	1.03	.02							T			1.36
NGMANS FERRY E											.08								.05		.04											2.17
NEGAL							.10	.05	.03	.06								.16	.21	.19	.71								.09	.02		.17
NORA						.03	.11		T									.21	.39	.10	.71	T							.35	.06		1.62
YLESTOWN				.13			.17	1.75		1.05									.18	T										.48		1.96
IPTWOOD F							.26	.86	.03											.16										.05		3.77
BOIS 7 E E							.28	.37	.08										T	.14	.04											1.36
NLO F				.24	.03		.79	.04	.06	.07									*	*	*	.90	.06						.10	.07		.91
SHORE F								*		*										*	.89	.05	*						.02	.47		2.36
GLES MERE E									T		.38	.04								.10	.03	.15									.17		1.43
ST WATERFORD 3 E	.01			.03			.07	.01	.06	.39	.14										T	.15	.02								.47		.87
EMSBURG								.73		.09												.39	.19								.20		1.35
IZABETHTOWN										.08	.38											.12									.18		1.60
PORIUM E				T			.02	.25	.10	.38										.17										T		.76
GLISH CENTER F								.12	.18										.07	.30										.10		.92
RRATA				.96			.04			.36	.04							.05												.82		.77
QUIHUNK					.35				.10	.36	.03								.13	.24	.06									.16		2.27
IE WB CITY E		.01					T	T	.32	T								.18	.28				.01	.01				.20	T		1.43
IE WB AIRPORT		.01					.03		.23	.03								.04	.89				.01	.01				.17	.02		1.01
RRETT E	.01				.02		.24	.70		.53	.15								.04		.38	.54								.20		1.44
RRELL SHARON								.40	.04										1.00	.04		.14							*	.34		2.81
RD CITY 4 S E							.03	.14		.03									.15	.06	.05	.36							.04	.06		1.96
NKLIN E								.W	.30		.17								.32	.11	.02	T								.60		.92
DERICKSBVILLE 1 SE			T		.53			.12	T	1.05	.28								.01		T									.10		1.61
KELAND				.04					.03	.28	T								.28		.05									.06		2.09
LETON				T				T	.36	.01									.08	.50					T				T	.03		.74
IGENTOWN					.18				.25	1.10	.26								.11		T									.12		.98
ORGE SCHOOL				T				.04		1.28																						2.02
TTYSBURG	T						.05		.04	.12	.23								.08			.20								.31		1.72
TTYSBURG 1 S F							.08		.06	.44											.25								.03	.25		.88
FFORD			.04				.05		.60										.10		.30	.06								.17		1.03
KMCOE F						.30	.42			.30									.06		1.02								.25	.24		1.39
EN ROCK F							.07		*	1.20											.07									.05		2.40
ENWILLARD DASH DAM				T			.17	.24		.03									.35	.36	.35	.36							.45	.33		1.67
OD SPRINGS 1 NW F				.27			.07	.47	.37	.33								.19	.02	.04										.41		2.72
RDON				.21			T	.05	.35	.12										.04										.25		2.01
ULDSBORO				.02					.41	.05	.12								.09		.27									.22		.99
RNTVILLE 2 SW				T			.08		.25	.38								.02		.04										.43		.96
TERFORD					.31			.11		1.02	.36								.18		.16									.31		1.20
EENSBORO LOCK 7							.08	.27		.12									.12	.38	T	2.14							.03	.12		2.45
EENSBURG 2 S FILTER STA							.06	.42	T	T								.11	.41	T	.52	T							.28	T		3.26
EENSBURG 2 E HGWY SHED F							.26											.05	.29	.17	.41								.26			1.72
EENSBURG 3 SE UNIV							-	-	-									.39	.30		.40											1.44
EENVILLE								.10	.04										*	2.08	.02			T					.59	.10		-
NOVER							.09	T	.01	.17	.30											.18									.24		2.93
RRISBURG 3 S WB AP E					.12	T	.03		T	.28								T	.05	.08	T								.01	.20		.99
RRISBURG NORTH							.01	T		.48	.15								.02		.17									.29		.77
																																1.12

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

PENNSYLVANIA

SEPTEMBER 1948

Station	Day of Month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWLEY				.01					T		.11								.18	.01	.06									.01		.38
HAWLEY 1 S WALLEN DAM z				*	.02				.01		.10								.06	*	.10											.29
HEWITT 2 S z							.52	.80	.23	.93								T			1.08								-	-		-
HOLLIDAYSBURG r						.02	1.33		.03	.10										.22	.06	.03							.13	.11		2.03
HOLLISTERVILLE				.39				T	.01	T	.15								.21	.01	.15									.01		.93
HOLTWOOD z							.12		.20	.01	1.02										T	.03								.18		1.56
HOME r							.15												.14	.29	.20								-	-		-
HONESDALE 4 NW				.07					T		.16								.07	.05	.51									.15		1.01
HONESDALE 6 N TAN FLS //r								.15											.07	.05										.37		.64
HOOVERSVILLE							1.05	.48	.03	.21									.05	.04	.46	.50							.06	.05		2.03
HOP BOTTOM 2 S				.37					.04										.28	.02	.36									.10		1.17
HUNTINGDON							.09	.11		.15											.05	.08								.15		.62
HUNTSDALE z	T						.07			.21	.23										.09	.09								.14		.83
HYNDMAN	T						.37	.25	.26	.38	T								T		T	.86							T	.34		2.46
INDIANA 2 SE z							.15	.35											.10	.10	.16								.06			.92
INDIANA						T	.03	.73											.08	T	.21								.14	.02		1.21
IRWIN							.06	.05	.04										.44		.31	.20							*	.21		1.31
JACKSON SUMMIT r			.06	.44				.04												.28										.19		1.01
JAMESTOWN 2 NW z			T					.45	.03										.79	3.02		.01							.24		4.54
JOHNSTOWN 1							.03	.62		.06									.09		.29	.44							.02	.07		1.62
JOHNSTOWN 2 r							.67			.10								.07	.04	.30	.43								.05	.08		1.74
KANE 1 NW		T				T	.65		.19									T	.03	T					T				.18	.03		1.08
KANE 5 SE z							.66	.01	.19										.06										.16	.02		1.10
KARTHAUS							T	.73	.81												.15									.18		1.87
KREGAR 4 SE				T		.06	1.42	.02	.01	.11								.15	.30	.24	.73								.23			3.27
KRESGEVILLE 3 W								T	.24	.53									T											T		.77
LA FAYETTE MC KEAN PARK			.01				.03	.62	T	.02									.01		.33									.10		1.12
LAKEVILLE 1 N				.05				T	T	T	.17								.22		.09									T		.53
LANCASTER 2 NE PUMP STA							.20			.64	T										.03	T								.55		1.43
LANCASTER 2 NE FILT PLT r							.12			.57																				.51		1.80
LANCASTER 3 NE EXP FARM							.12			.22	.29										.02	T								.28		.93
LANGWORD	.02			.10				.08	.13	.42	.20										.05									.10		1.10
LANSFORD FOREMANS SHOP	T				.07			.12	.11	.41	.21								.02		.04											.99
LATROBE							.03	.08		.12									.11	.13	.71	.40							T	T		1.56
LAURELTON STATE VILLAGE r								.13		.07																				.80		.76
LAWRENCEVILLE				.62					T										T	.40										.20		1.23
LEBANON	T				.91		T			.11	.30	T							.12		.07									.19		1.70
LEBANON 3 SW r				.65					.02	.38										.16									.01	.22		1.44
LECONTES MILLS 5 NW							-	-	-	T											.04									.03		-
LEHIGHTON z				T				.54	.12	1.06	.09								T											.12		1.93
LE ROY									.49									.09	.10											.07		.76
LEWIS RUN 3 S			T		T	T	T	.30	.06	T	.20								.02	.03	1.12		T	T					T	.04		1.77
LEWISTOWN z				.05			.03		.22	.92	.02								.69		.12									.45		1.50
LINESVILLE 6 NW PENN LINE			.03					.04	.05										.53	.15					T					.44		1.24
LOCK HAVEN 1									.05	.30												.12								.18		.73
LOCK HAVEN 2 r								.10	.43											.12										.17		.82
LONG POND	T			.09				.20	.03	.02	.12								.45	.02	.11											1.04
LYCIPPUS 1 E	.05						.03	.06		.04								.18	.27	T	.75	.05							.05			1.48
MAPLE GLEN				.04			.06	T	.14	1.40	.29								.12											.42		2.47
MAPLETON DEPOT							.04	.03	T	.16	.03								T		.03	.08								.33		.70
MARCUS HOOK					.09				.02	.64	.58								.31		T	T								.28		1.62
MARIENVILLE							1.30		.30										.30										.08	.03		2.01
MARION CENTER 2 SE								.50			.02								.10		.41									.06		1.09
MARSHBURG			T				.05	.35	.13		.09								T	T	.40									.25		1.27
MARTINSBURG r							1.08			.17										.10	.17								.06	.35		1.93
MARTINSBURG BLAIR CO AP						T	.66		T	.05									T	.10	.23								.10	.21		1.33
MATAMORAS										.45									.14	.57	.14											1.30
MAUCH CHUNK 1 SW				.04		.55			*	.99									.02	.07										.35		2.02
MAYBURG							.05	.75		.06	.01								.45	.05										.22		1.54
MC CONNELLSBURG							T	.20		.80	.20										.20	.42								.40		2.22
MC CONNELLSTOWN 4 NW							.21	.27		.11									T	T	.10	.10								.23		1.02
MC KEESPORT							T	T											.40	.18	.32	.41								.14	.12		1.57
MEADOW RUN PONDS r			.03							.12								.16	.04		.28									.10	.05		.75
MEADVILLE 1 S z			.02					.07	.02										.41	.15					T						.60		1.27
MEDIX RUN r							1.01	.06	.10																					.01	.04		1.81
MERCER 5 NE WB AIRPORT						.01	.07	.01	.07							-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-
MERCER HGWY SHED r							.23												.77		.11									.61		1.72
MERCERSBURG	.02	T				.03	.11	T	T												.11	.07	.54								.38		1.27
MERWINSBURG r							.07		.14	.17								.30													.56		1.24
MEYERSDALE	.01				.65		.08	.17		.47									.06	.04	.05	1.27								.10	.08		2.90
MIDDLETOWN OLMSTED FLD					.15		.05		T	.51								T	W	.06	T								.03	.31		1.11
MIDLAND DAM NO 7 LOWER				.02			T	.05		T									.64	.54	.16	.31							.12	.44		3.30
MILAN r								.10											.40										.14	.06		.70
MILANVILLE			T		.12				.04	.05	.10				T				.37	.25	.37											1.30
MILLERSBURG 2 E r				.10					*	1.03										.02										.43		1.58
MILLVILLE r				1.04					.60											.20									*	.60		2.44
MONROE FURNACE r						.04	.20	.09	.54	.04								.20	.06										.03	.06		1.20
MONROETON 2 S				.36	.15					.11									.37	.21	.42									.05		1.71
MONTROSE 3 E HGWY SHED				.05	.01					.09									.32	.14	.19									.09		.99
MONTROSE r									.07									.18	.12	.28									-	-		-
MOSGROVE LOCK 8							T	.47		.02									.16	.05	.14	.12							T	.04		1.80
MOUNT POCONO 2 N WB AP z				.02			.04	.49	.01	.11								.15	.01	.31										.13		1.37
MOUNT UNION 1 NW // r									.10																					.38		.48
MURRYSVILLE r								.05											.37	.49	.31								.11			1.33
MYERSTOWN					.52					1.55	.40										.13									.31		2.91
NATRONA LOCK 4							T	.08		.02									.24	.20	.10	.27								.01	.04		.90
NEFFS MILLS 4 NE z							.07	.20		.26									.26		.01										.08		.82
NESHAMINY FALLS							.01			.31	1.22								.25												.21		3.80
NEWBURG 3 W							.15			.40								T		.06	.12								.02	.24		.80
NEW CASTLE 1 N PUMP STA z	T						.10	T	T					T	T			T	1.13	.01	.19	.02			T				.53	.05		3.00
NEWELL							.08	.12		.03									.82	.06	.35	.41	.04							.25	.17		1.53
NEW PARK							.42		.15	.98											.17										.42		2.14
NEWPORT							.01	T		.28	.18								.18		.03										.22		.90
NEW TRIPOLI				.24			.16	.17	.17	.63									T	.07											.66		2.10
NORRISTOWN					T			T	.02	.94	1.08								.05												.03		2.12
ORWELL 3 N				.04	.09														.36	.04	.32									.27		1.12
PALM					.55				.04		.95	.30							.12		.10											2.06
PALMERTON z				.05			.09	T	1.41	.15								T	T	.04										.57		2.31
PARKERS LANDING										.40									.78		.15	.07							.03	.26		1.69
PARKERS LANDING 1 E r							.02		.24									.07	.45	.09	.04								.18	.05		1.14
PARK PLACE 1 NW WB AP				.13				.05	.11	.25									T	.20									T	.22		.96
PAUPACK				.20							.11								.05	.05												.41
PECKS POND				T					.09	T	.09								.21		.02									.01		.43
PHILA FRANKLIN INST	.03			.02					.05	.22	.70								.23											.15		1.40
PHILA WB AIRPORT z				T	.12		T	T	.55	.73								.31		.04	T								T	.34		2.09
PHILA POINT BREEZE z							T		.22	.69								.18												.28		1.37
PHILA SHAWMONT						.03	T	.02		1.70									.42											.37		2.54
PHILA WB CITY z		*					T	T	.18	.71								.15			T								T	.20		1.94
PHILIPSBURG 7 E AP r				.11		.01	.41	.02	T	.02								T		T				.01						.29		.87
PHOENIXVILLE 1 E PUMP ST z				T			T	.28	2.32	.79								.04												1.50		4.93
PIKES CREEK r	-	-	-	-	-	-	-	-		.07								.78	.09	.08	.03									.44		-
PINE GROVE 1 NE				.38	.05		.01			.69	.23								.13		.02									.42		1.83
PINE GROVE MILLS 1 S r						*	*	*	*	.70								.20	.12										.01	.09		1.13
PITTSBURGH 7 SE WB AP z				T		T	T	T	T										.50	.04	.46			T					.26	.01		1.27
PITTSBURGH WB CITY z						.03	.11	.03	T										.63	.14	.42			T					.23	.06		1.65
PLEASANT MOUNT 1 W z																			.10	.10	.31									.18		.69

See reference notes following Station Index.

DAILY PRECIPITATION

Station	Day of Month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ORT ALLEGANY							.04	.29	.08	.03									.11		.31			.01						.03		90
ORT ALLEGANY 3 SW			T				T	*	.30	.11	.07								.05		.35									.07		95
ORT CLINTON z					.35			.14	.02	.75	1.31	.31							.13											28		3.29
ORTLAND											.02	.13							.02		.02											.19
OTTSTOWN					.14			.07		1.27	.61								.14													2.23
OTTSVILLE				T	T					.50	.15										T									.42		1.07
OTTSVILLE BRIDGE				.05	T				T	.41	.15										T									T		.61
ONXSUTAWNEY 1							T	.30	T	.10	T								.22	.08	.01	.02											.73
ONXSUTAWNEY 2 r						.02	.32	.03	.21	.09								.04	.26														.97
ONEYVILLE 2 SE z								.33		.07									.26		.02	.15								.02		.85
AKERTOWN				.22			T	.07		.44										T										1.16		1.89
YMOND r							.03	.06	1.00	.01								.02	.08	.61			.04	.02					.02	.04			1.93
ADING WB CITY z				.36			.01	1.09	.65	.28								.10		T									T	.63		3.02
NOVO							.06	.16		T											.11									.26		.59
NOVO 6 S STATE CAMP r							.08	.80												.16										.14		1.18
TREAT FARMS				.03				T	T	.13									.13	T										.25		.54
W							.67	.44	.16										.10		.26									.12		1.75
CES LANDING LOCK 6							.04	.22		.09									.30	.31		1.15							.09	.13		2.33
DGWAY z							T	.95	.10	.23	T								.03	T	.03											1.34
NGTOWN 1 SW				.40				*	*	.50																				.30		1.20
CHESTER 1 N r						.06	.21						.02					.02	.61	.10	.30								.80	.10		2.22
SH 6 S				.17	.02				.17	.08									.15		.30									.43		1.32
GAMORE 1 SE							.07	.46		T									.08	.04	.48	.24								.01		1.38
LTSBURG							.03	.54		.04									.19	.09		.39							.06	.04		1.38
XTON z							.15	.35		.24	.05										.01	.26								.27		1.33
HENLEY LOCK 5							.01	.06		.15									.21	.15	.03	.35							.01	.10		1.07
RANTON WB CITY r				.30			.01	.02	.01	.10								.08	.01	.26										.11		.90
LINSGROVE AIRPORT				.41				.02	.05	.18										.07									T	.64		1.37
LLERSVILLE 2 NW r									.34	.40								.02												.77		1.53
WARD							.09	.43		.06										.02	.26	.41								.15		1.42
ADE GAP r							.02		.23	.30								.01			.09									.36		1.01
AMOKIN				.50					.05	.37	.10										.08									.28		1.38
ARPSVILLE									.15										.85	.10									.08	.50		1.68
EFFIELD 6 W C GROVE r		.03			.02	.02	.72	.05		.06									.07										.21	.04		1.22
IPPENSBURG							T		T	.66											.12	.02							T	.18		.98
ETHPORT HGWY SHED r							.18	.02	.14	.11									.31	.76									.02			1.54
MERSET WATER WORKS				.46			.78	.11	.06	.21								.23	.21	T	.70	.16							.14			3.06
MERSET 2 E SUBSTATION				.75			.98			.23									.35		.25	.72										3.28
UTH CANAAN 1 E r				.10						.08								-	-	.06										.16		-
UTH MOUNTAIN	.01						.11			.20	.45								.12			.35								.20		1.44
RING GROVE z							.06			.74										T	.07	.10								.28		1.25
RINGS 1 SW				.11		T	.36	.06	.23	.39									.10	.01	1.76	.02							.18	T		3.22
RUCE CREEK					.51		.15	.78		.08									.04		.13	.04								.51		2.24
ATE COLLEGE z				.34		.05	.29	.26	.11	.06								T	T	T	T			T					.01	.14		1.26
RAUSSTOWN					.42					.75	.31								.03											.36		1.87
RONGSTOWN r			.01				.69											.13		.43	.11	.02							.06			1.45
ROUDSBURG SUBSTATION				T						.03	.14								.04		.05									.02		.28
ROUDSBURG r									.12									.06												.67		.85
UMP CREEK								.28	.02											.09	.02									.03		.44
MBURY z				.21				.03	.02	.15	.13									T	.13									.67		1.34
MBURY 2 N AIRPORT				.03			T	.04	.03	.13										.15									T	.74		1.12
SQUEHANNA				.02				.03	.02	T						.02			.24	1.11	.14									T		1.58
TERSVILLE							.03	.14		T									T	.50	.31	.48							.20	.05		1.71
MAQUA				.20						.21	.23																			.23		.87
MAQUA 4 N STL CR DAM z					.35				.08	.14	.22										.07									.07		.81
MARACK 2 S FIRE TOWER							.02	.22	.06	.05									T	T	.07				T					.22		.64
ONESTA 2 SE DAM							.11	.14		.09									.79	.07										.21		1.41
USVILLE 2 S r						.14	.03	.18	.02										1.24	T									.10	.73		2.44
USVILLE						.10	.10		.08									.04	1.42	.04									.83			2.61
WANDA z				.35	.02			.04	.09										.19	.36		T								.23		1.28
WER CITY 5 SW				.76						.56	.34							.03		.05										.32		2.06
WKHANNOCK 1 S z										.17	.02	.01							.24	.42	.38									.41		1.65
WNELTON // r							.50			.05									.23		.30								.11			1.19
RONE 4 NE BALD EAGLE r							.84			.08	.03							.17		.16										.30		1.58
ION CITY 1 W r		.02					.28	.10	.06									.14	.80										.48	.02		1.90
IONTOWN				T		T	.12		T	.13									.52	T	1.25									.27	.01		2.30
NDERGRIFT							T	T		T									.35		T	.25							T	.05	.06		.71
NDERGRIFT 2 W r						.03													.35	.09	.25									.09			.81
RGINVILLE					.25			.11	.12	.39									.15		.15		T								.16		1.33
RREN			T					.43		.12	.08								T	.04										.22		.89
SHINGTON r						.02	.03	.02										.06	.81		.60									.35	.05		1.94
TROUS 9 S LEE FIRE TWR				.02			.04	.02	T	.45	.03								.05	.05	.56										.23		1.45
STONTOWN							.02	.03	.74	.08										.37											.43		1.67
WNESBURG 2 W r							.03	.16											1.75		1.20								.20	.12		3.46
WNESBURG 1 E							.02	.21		.04									.48	1.52	.10	1.32							.06	.08		3.83
BSTER MILLS 3 SW r								.48		.62											.06	.63							.10	.05		1.94
LLSBORO				.10					T	.32									.07		.68									.14		1.31
LLSBORO 2 E r			.06						.22										.03	.67										.26		1.24
LLSVILLE				.30		.02	.05		T	.45									T		.13									.31		1.26
MERSVILLE				.87			.02	.01	.59	.33								.04		T	T								T	.81		2.67
ST CHESTER				.14			.03	.04	1.57	1.16								.07			T									1.94		4.95
ST GROVE 1 SE					.70		.03		.12	.27	1.04										T	.02								.25		2.43
TTESBURG								.45		T									.15		.28	.35							T	T		1.23
LKES BARRE				.02						.02	.03								.21		T									.04		.32
LLIAMSPORT 4 SE				-			-	-	-	.13											.17									.23		
LLIAMSPORT 4 E WB AP				.52			T	.19	.01	.03									T	.33									T	.15		1.23
LLIAMSPORT z				.30				.01	.19	.06	.03									T	.23									.18		1.00
LLIAMSTOWN					.60					.72	.28								.12		.12									.22		2.06
D GAP 3 SW r									.17	.10																				.88		1.15
K 3 SW PUMPING STA							.05			.85										.02	.14	.02								.23		1.31
K 2 S FILTER PLANT r							.04		.23	.41										.08	.04									.25		1.05
K HAVEN							.02			.13	.34										.06				e					.21		.76
NGSVILLE r						.04	.59	.04	.30										.08										.57	.02		1.64
NSVILLE 1 SW								.65		.32																				.85		1.82

See reference notes following Station Index

TABLE 4

HOURLY PRECIPITATION

PENNSYLVANIA

SEPTEMBER 194

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
ALBION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KIRKWOOD 1 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIKES CREEK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—2d—																									
ERIE WB CITY												.01													.01
ERIE AIRPORT 6									*	*	*	*	*	.01											
MEADVILLE											.02														.02
SHEFFIELD 6 W CHERRY GROVE											.03														.03
UNION CITY 1 W		.01								.01															.02
—3d—																									
AUSTINBURG 2 W																							.21		.21
BLAIN																		.03	.01	.01					.05
CARTER CAMP																					.01	.01			.02
JACKSON SUMMIT																								.06	.06
MEADOW RUN PONDS																			.03						.03
STRONGSTOWN																.01									.01
WELLSBORO 2 E																							.03	.03	.06
—4th—																									
ALLENTOWN WB AIRPORT								.03																	.03
AUSTINBURG 2 W	.01																								.01
BETHLEHEM LEHIGH UNIV								.04	.01																.05
BLAIN					.05																				.05
BLAKESLEE CORNERS						.01	.05	.01	.01																.08
BUCKSTOWN															.03										.03
CANTON 1 NW	.04																								.04
COATESVILLE 1 SW											.30	.10													.40
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.02																	
DUNLO													.23	.01											.24
EVERETT																	.04								.04
GOOD SPRINGS 1 NW						.04	.23																		.27
HAWLEY 1 S WALLEN DAM							.02																		.02
JACKSON SUMMIT	.44																								.44
LEBANON 3 SW									.63	.02															.65
LEWISTOWN					.02	.05																			.07
MILLERSBURG 2 E							.10																		.10
MILLVILLE				.40	.64																				1.04
MOUNT POCONO 2 N WB AIRPORT //							.01	.01																	.02
PALMERTON							.03	.02																	.05
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.12	*	*	*	*	*	.01											
PHILLIPSBURG 7 E AIRPORT			.11	.04																					.15
PORT CLINTON							.18	.18																	.36
READING WB CITY									.36																.36
SCRANTON WB CITY						.30																			.30
SOUTH CANAAN 1 E							.10																		.10
STATE COLLEGE				.34																					.34
SUNBURY					.17		.02	.03																	.22
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.03																	
TAMAQUA 4 N STILL CREEK DAM						.30	.03																		.33
TOWANDA	.10	.18				*											.06								.34
WILLIAMSPORT			.26	.01	.01	.01	.01																		.30
—5th—																									
DUNLO								.01	.01	.01															.03
HARRISBURG 3 S WB AIRPORT																.02	.10								.12
PHILADELPHIA WB AIRPORT																	.11	.01							.11
SHEFFIELD 6 W CHERRY GROVE																							.01	.01	.02
—6th—																									
BUCKSTOWN																					.10				.10
CLARION 3 SW													.02		.02		.01								.05
COALPORT																							.01	.02	.03
CONNELLSVILLE 4 N																	.01	.01			.01		.01		.04
CURWENSVILLE 6 NW AIRPORT 6																					*	*	*	.06	.06
EVERETT																								.09	
FRANKLIN														*	*	*	*	*	*	*	*	*	*	*	*
GLENCOE																				.02		.02	.11	.15	.36
HOLLIDAYSBURG																						.01		.01	.01
MONROE FURNACE																								.04	.04
NEFFS MILLS 4 NE																								.02	.02
PHILLIPSBURG 7 E AIRPORT																								.03	.03
PINE GROVE MILLS 1 S																				*	*	*	*	*	*
PITTSBURGH WB CITY															.03										.03
PUNXSUTAWNEY 2																		.01	.01						.02
ROCHESTER 1 N																.05								.01	.06
SAXTON																								.02	.02
SHEFFIELD 6 W CHERRY GROVE							.01	.01																	.02
STATE COLLEGE	•																							.05	.05
TIONESTA 2 SE DAM //													.03			.01	.02								.06
TITUSVILLE																.05	.05								.10
VANDERGRIFT 2 W																					.01		.02		.03
WASHINGTON														.02											.02
YOUNGSVILLE													.01					.01	.02						.04
—7th—																									
ALLENS MILLS																	.11	.20					.22		.53
AUSTINBURG 2 W																					.01		.01	.02	.04
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.01	*	*	*	*	*	.02	*	*	*	*	*	.08	*	*	*	.01	
BLAKESLEE CORNERS											.01	.01		.03											.09
BOSWELL													.01	.20	.10	.60									.91
BROOKVILLE AIRPORT 6			*	*	*	*	*	.07							*	*	*	*	*	1.20	*	*	*	.06	
BUCKSTOWN												.32	.08												.40
BUTLER SUBSTATION													.01	.07	.01	.01							.04	.04	.13
CARTER CAMP																					.05	.03			.08

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CHAMBERSBURG			.06	.04		.01	.02											.01	.07	.01					.13
CHARLEROI			.01	.01				.01											.06	.02					.12
CLARION 3 SW																			.04						.08
COALPORT							.02										.25	.21							.52
CONFLUENCE 1 SW			.01												.04										.05
CONNELLSVILLE 4 N	.01		.02				.01		.01							.01		.01	.17	.01					.25
CRESSON 1 E SUMMIT																		.38	.11						.49
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.04							*	*	*	*	*	.98	*	*	*	.01	
DRIFTWOOD		.03																	.06	.15	.02				.26
DU BOIS 7 E															.01		.19	.29	.01			.01	.01	.05	.57
DUNLO	.01	.03	.01							.01	.02	.01					.61	.09							.79
EMPORIUM																		.04	.10	.05	.01				.20
ERIE AIRPORT 6															*	*	*	*	*	.02	*	*	*	*	
EVERETT	.02	.09															.10	.30		.25					.76
FORD CITY 4 S //	.01																.15								.16
FRANKLIN	*	*	*	*	*	*	*	*	*	*	*	*	*	.09			.03	.01	.01		.10				.24
GETTYSBURG 1 S		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.08					.08
GLENCOE	.05												.05	.02	.10	.10	.03	.05	.02						.42
GLEN ROCK			.01	.01	.03	.02																			.07
GOOD SPRINGS 1 NW		.01		.01			.03	.01	.01																.07
GREENSBURG 2 E HGWY SHED																			.26						.26
HARRISBURG 3 S WB AIRPORT					.01	.02																			.03
HEWITT 2 S	.02	.11	.16	.02	.01												.03	.03	.20	.39	.05				1.02
HOLLIDAYSBURG	.05	.05	.05	.03	.01	.01												.62	.45	.06					1.33
HOLTWOOD						.04	.06	.01													.11	.04			.11
HOME																									.15
INDIANA 2 SE													.08			.03				.01	.16	.12	.08		.48
JAMESTOWN 2 NW																		.09					.30		.39
JOHNSTOWN 2														.03	.02		.52							.10	.67
KANE 5 SE				.01	.04											.02	.19	.09	.01			.12	.18		.66
LANCASTER 2 NE FILTER PLANT					.09	.01	.02																		.12
LEHIGHTON											.03			.44	.02	.01		.09							.59
LEWISTOWN						.03																			.03
MARIENVILLE			.02													.58				.25	.44	.01			1.30
MARTINSBURG	.20	.14	.06	.06															.42	.15	.02	.03			1.08
MARTINSBURG BLAIR CO AIRPORT 6	*	.21	*	*	*	*	*	.10							*	*	*	*	*	.28	*	*	*	.07	
MEADVILLE 1 S																							.02	.03	.05
MEDIX RUN	.04	.01		.01	.01													.83	.10	.01					1.01
MERCER HGWY SHED															.02				.21						.23
MERWINSBURG												.02	.03	.01	.01										.07
MONROE FURNACE	.05						.01													.04	.03	.07			.20
MOUNT POCONO 2 N AIRPORT //												.01	.01				.02								.04
NEFFS MILLS 4 NE	.07																			.04	.04	.06			.21
NEW CASTLE 1 N															.06										.06
PALMERTON															.09										.09
PARKERS LANDING 1 E																			.02						.02
PHILLIPSBURG 7 E AIRPORT				.01	.01	.02	.01										.01	.07	.25	.10					.48
PINE GROVE MILLS 1 S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PITTSBURGH WB CITY															.10									.01	.11
PORT CLINTON							.13	.02																	.15
PUNXSUTAWNEY 2																.07	.12				.05	.08			.32
PUTNEYVILLE 2 SE																	.26	.02							.28
RAYMOND																					.03				.03
READING WB CITY											.01														.01
RENOVO 6 S STATE CAMP		.02																			.02	.03	.01		.08
RIDGWAY												.01	.01	.01	.07			.37	.01	.01		.13	.08	.18	.88
ROCHESTER 1 N	.01		.01																		.10	.09			.21
SAXTON	.01	.06	.04				.01		.01									.05	.06	.19	.02				.45
SCRANTON WB CITY											.01														.01
SHADE GAP																					.02				.02
SHEFFIELD 6 W CHERRY GROVE																.62			.01	.08				.01	.72
SMETHPORT HGWY SHED																		.08	.02				.07	.01	.18
SPRING GROVE					.05	.01																			.06
STATE COLLEGE	.08																			.09	.09	.03			.29
STRONGSTOWN													.05	.16	.13	.10	.14	.02					.01	.08	.69
TIONESTA 2 SE DAM //															.02	.01	.02					.01	.02	.01	.09
TITUSVILLE																	.05		.01	.02		.01	.01		.10
TUNNELTON //		.03														.07	.01	.01			.38				.50
TYRONE 4 NE BALD EAGLE		.01	.04	.04	.02							.01			.01			.30	.33	.07	.01				.84
UNION CITY 1W																.03	.01	.24							.28
WASHINGTON														.01	.02										.03
WAYNESBURG 2 W														.03											.03
YORK 2 S FILTER PLANT			.01		.01		.02																		.04
YOUNGSVILLE									.01							.13		.39	.06						.59
													—8th—												
ALLENS MILLS		.01	.01						.01		.01		.01												.05
ALLENTOWN WB AIRPORT														.09	.01										.10
AUSTINBURG 2 W	.04	.02																					.14	.16	.36
BETHLEHEM LEHIGH UNIV															.01										.01
BLAIN														.02											.02
BLAIRSVILLE 6 ENE 6	*	.01																							
BROOKVILLE AIRPORT 6			*	*	*	*	*	.13																	
BUTLER SUBSTATION											.01		.01												.02
CARTER CAMP				.01	.01								.02												.04
CHAMBERSBURG														.02	.02										.04
CLARION 3 SW				.06																					.06
COATESVILLE 1 SW													.22	.01		.47									.70
CONFLUENCE 1 SW				.09	.01													.01							.11
CRESSON 1 E SUMMIT								.01	.01																.02
DRIFTWOOD										.01	.77	.04	.01	.01	.01	.01									.86
DU BOIS 7 E			.01			.01	.01																		.03
DUNLO										.02	.01			.01											.04
EMPORIUM									.01				.01	.01	.02	.02									.07
ENGLISH CENTER								.12																	.12
ERIE AIRPORT 6	*	.01																							
FRANKLIN	.02	.12	.01																						.15
GOOD SPRINGS 1 NW															.46	.01									.47
HOLTWOOD																		.02		.14					.16
HONESDALE 6 N TANNERS FALLS //														.13	.02										.15
JACKSON SUMMIT												.01	.03												.04
KANE 5 SE	.01																								.01
LAURELTON STATE VILLAGE													.06	.04	.03										.13
LEHIGHTON																			.07						.07

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

SEPTEMBER 1945

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LEWISTOWN												.05	.10	.01	.01	.03									.20
LOCK HAVEN 2						.07	.03																		.10
MEDIX RUN	.01							.01	.01		.01	.01	.01												.08
MILAN								.10																	.10
MONROE FURNACE											.01			.08											.09
MOUNT POCONO 2 N WB AIRPORT //																	.18	.31							.49
MURRYSVILLE																			.05						.05
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.05					
PHILLIPSBURG 7 E AIRPORT		.01	.01	.01	.	.01		.01	.03	.09	.06														.23
PHOENIXVILLE 1 E PUMP STATION														.30	.05	.01									.36
PIKES CREEK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PINE GROVE MILLS 1 S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PITTSBURGH WB CITY	.01	.02																							.03
PLEASANT MOUNT 1 W															.04	.04									.08
PORT CLINTON																	.10	.30	.40						.80
PUNXSUTAWNEY 2						.03																			.03
RAYMOND		.01	.02	.02			.01																		.06
READING WB CITY													.01	.06		.01			.02	.94	.05				1.09
RENOVO 6 S STATE CAMP							.03	.02				.40	.33	.01	.01										.80
RIDGWAY	.01						.06	.07																	.14
SCRANTON WB CITY													.01	.01											.02
SHEFFIELD 6 W CHERRY GROVE				.02		.01	.01				.01														.05
SMETHPORT HGWY SHED		.01	.01																						.02
STATE COLLEGE											.05	.12	.07							.02					.26
SUNBURY AIRPORT 2N 6									*	*	*	*	*	.04											
TAMAQUA 4 N STILL CREEK DAM														.02	.03	.01	.01								.07
TIONESTA 2 SE DAM //	.01																								.01
TOWANDA																	.02								.02
TUNKHANNOCK 1 S																.12				.03					.15
UNION CITY 1 W	.02	.01	.07																						.10
WASHINGTON									.01	.01															.02
WAYNESBURG 2 W	.10	.01						.01		.02	.02														.16
WEBSTER MILLS 3 SW		.02	.05																	.08	.27	.06			.48
WILLIAMSPORT															.16										.16
YOUNGSVILLE					.01	.01			.01		.01														.04
													—9th—												
ALLENS MILLS						.01	.01		.01	.19	.01		.01												.24
ALLENTOWN WB AIRPORT																	.08	.01		.02	.05	.03			.19
BETHLEHEM LEHIGH UNIV																	.04	.06			.02	.01			.13
BLAIN										.01	.01			.01	.28		.01	.15							.47
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.07											
BROOKVILLE AIRPORT 6									*	*	*	*	*	.24											
BUCKSTOWN																								.12	.12
BUTLER SUBSTATION									.02			.16													.18
CANTON 1 NW														.24	.01	.15									.40
CARTER CAMP							.15					.33		.01											.49
CHAMBERSBURG															.05	.22									.27
CLARION 3 SW										.19			.04												.23
COALPORT													.04	.01											.05
COATESVILLE 1 SW							.01	.01	.01									1.23			.01	.03			1.30
CRESSON 1 E SUMMIT																			.06						.06
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.05											
DINGMANS FERRY										.01	.01														.02
DRIFTWOOD											.03														.03
DU BOIS 7 E											.07														.07
DUNLO													.06												.06
DUSHORE														*	*	*	*	*	*	*	*	*	*	*	*
EAGLES MERE														*	*	*	*	*	*	.38					.38
EMPORIUM										.02	.21	.04	.10												.37
ENGLISH CENTER															.18										.18
ERIE WB CITY		.31				.01																			.32
ERIE AIRPORT 6			*	*	*	*	*	.21	*	*	*	*	*	.02											
EVERETT														.24	.02										.26
FORD CITY 4 S //										.03															.03
FRANKLIN								.16																	.16
GETTYSBURG 1 S																	.05	.01							.06
GLEN ROCK														*	*	*	*	*	*	*	*	*	*	*	*
GOOD SPRINGS 1 NW															.15	.20	.02								.37
HEWITT 2 S															.19	.01									.20
HOLLIDAYSBURG													.03												.03
HOLTWOOD																				.01					.01
HUNTSDALE														*	*	*	*	*	*	*	*	*	*	*	*
KANE 5 SE											.05	.14													.19
LEBANON 3 SW																	.02								.02
LEHIGHTON																	.83	.01	.01						.85
LEWISTOWN															.75	.01	.01								.77
LOCK HAVEN 2												.40	.03												.43
MARIENVILLE										.30															.30
MEADVILLE 1 S					.01	.01																			.02
MEDIX RUN											.10														.10
MERWINSBURG																.14									.14
MILLERSBURG 2 E				.73		.03	.01							*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE													.60												.60
MONROE FURNACE													.01	.52	.01										.54
MONTROSE																	.05	.02							.07
MOUNT POCONO 2 N WB AIRPORT //																.01									.01
MOUNT UNION 1 NW //					.08	.01	.01																		.10
NEFFS MILLS 4 NE													.30	.05											.35
PALMERTON																1.32	.09								1.41
PARKERS LANDING 1 E								.03			.21														.24
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.11					
PHILADELPHIA WB AIRPORT																				.45	.10				.55
PHILADELPHIA POINT BREEZE																					.12	.10			.22
PHILADELPHIA WB CITY																				.08	.10				.18
PHOENIXVILLE 1 E PUMP STATION																		.57	.20	.10	.90	1.14	.01		2.92
PINE GROVE MILLS 1 S	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PORT CLINTON																.60	.02		.23	.27	.01				1.13
PUNXSUTAWNEY 2										.21															.21
PUTNEYVILLE 2 SE										.05															.05
RAYMOND				.01	.01	.05	.01	.01			.72	.17	.01					.01							1.00
READING WB CITY																	.62	.02		.01					.65
RIDGWAY					.02	.01	.01			.21	.01	.01													.27
SAXTON								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SCRANTON WB CITY																		.01							.01
SELLERSVILLE 2 NW																	.20	.13	.01						.34
SHADE GAP														.05		.10	.07							.01	.23
SMETHPORT HGWY SHED					.10	.01				.01	.01	.01													.14
SPRING GROVE																	.04	.30							.34
STATE COLLEGE													.10	.01											.11
STROUDSBURG							.01	.01															.08	.02	.12
SUNBURY														.06	.04										.10
SUNBURY AIRPORT 2 N G															*	*	*	*	*	.03					
TAMAQUA 4 N STILL CREEK DAM															.10	.01									.11
TIONESTA 2 SE DAM //								.07		.02															.09
TITUSVILLE								.08																	.08
TOWANDA															.08										.08
TUNNELTON //												.05													.05
TYRONE 4 NE BALD EAGLE													.08												.08
UNION CITY 1 W			.03	.03																					.06
WELLSBORO 2 E							.12			.01			.01	.08											.22
WIND GAP 3 SW																	.12	.03		.01	.01				.17
YORK 2 S FILTER PLANT																	.23								.23
YOUNGSVILLE								.27	.01	.01		.01													.30
													—10th—												
ALBION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALLENTOWN WB AIRPORT								.07	.01	.06			.02	.03	.01										.20
BETHLEHEM LEHIGH UNIV								.01	.05	.02		.01	.01	.05											.15
BLAIN				.02	.08	.04	.06	.03	.03		.01														.27
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.03																	
BLAKESLEE CORNERS							.03	.02	.04	.01		.01	.02												.13
BOSWELL				.05	.05																				.10
BUCKSTOWN	.04	.01	.01				.01																		.07
CHAMBERSBURG			.01	.04	.05	.13	.09	.07	.05	.02	.04	.01													.51
CHARLEROI					.01																				.01
COALPORT				.01		.01		.01																	.03
COATESVILLE 1 SW							.10	.01	.03	.26	.20	.06	.11	.06	.02										.85
CONFLUENCE 1 SW			.05	.10	.07	.03	*	*	.08																.33
CONNELLSVILLE 4 N					.03				.01		.01														.05
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.07	*	*	*	.01	
DU BOIS 7 E																		.03							.03
DUNLO				.04	.01	.02																			.07
DUSHORE	*	*	*	*	*	*	*	*																	*
EAGLES MERE		*	*	*	*	*	*	.04																	.04
ERIE AIRPORT 6									*	*	*	*	*	.03											
EVERETT		.01	.02	.07	.10	.05	.02	.01																	.28
GETTYSBURG 1 S			.01	.01	.01	.06	.10	.05	.05	.05	.05	.05													.44
GLENCOE		.07	.06	.07	.07	.02	.01																		.30
GLEN ROCK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.20					1.20
GOOD SPRINGS 1 NW						.04	.10	.07	.05	.02	.02	.03													.33
HARRISBURG 3 S WB AIRPORT						.02	.10	.07	.04		.01	.03	.01												.28
HAWLEY 1 S WALLEN DAM									.02	.05	.02														.09
HEWITT 2 S			.13	.29	.12	.12	.05	.05	.05	.04	.04	.02													.91
HOLLIDAYSBURG				.02	.08																				.10
HOLTWOOD								.01	.15	.03	.27	.23	.04	.07	.06	.05									.91
HUNTSDALE	*	*	*	*	*	*	*	*	*	*	*	*	*	.43											.43
JOHNSTOWN 2					.09		.01																		.10
LANCASTER 2 NE FILTER PLANT			.10				.05	.05	.10	.03	.04	.03	.10	.03	.04										.57
LAURELTON STATE VILLAGE						.04	.02	.01																	.07
LEBANON 3 SW						.01	.07	.10	.10	.03	.01	.03	.03												.38
LEHIGHTON									.06	.05	.03			.01											.15
LEWISTOWN						.05	.07	.01																	.13
MARTINSBURG				.01	.04	.10	.02																		.17
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.04	*	*	*	*	*	.01											
MEADOW RUN PONDS								.02	.05			.01	.02	.02											.12
MERWINSBURG							.01	.01	.08	.02			.05												.17
MILLERSBURG 2 E	*	*	*	*	*	*	*	*	*	*	*	*	*	.26											1.03
MONROE FURNACE						.03	.01																		.04
MOUNT POCONO 2 N WB AIRPORT //							.03	.02	.02	.02	.02														.11
NEFFS MILLS 4 NE				.02	.03	.03	.02																		.10
PALMERTON								.04	.03	.03	.02		.04												.16
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.12	*	*	*	*	*	.13											
PHILADELPHIA WB AIRPORT									.10	.01		.04	.06	.39	.04	.04	.03	.01	.01						.73
PHILADELPHIA POINT BREEZE										.11	.01	.03	.03	.35	.11	.03	.02								.68
PHILADELPHIA WB CITY									.11	.02		.02	.06	.36	.08	.04	.02								.71
PHOENIXVILLE 1 E PUMP STATION									.07	.05	.20	.25	.15	.10	.16	.05									1.03
PIKES CREEK							.02	.05																	.07
PINE GROVE MILLS 1 S	*	*	*	*	*	*	*	*	*	*	*	*	.70												.70
PORT CLINTON		.01		.01			.10	.01	.08			.06	.03												.31
PUNXSUTAWNEY 2						.01	.01			.01		.01	.01		.01		.01	.01					.01		.09
RAYMOND							.01																		.01
READING WB CITY								.08	.05	.07	.01	.01	.04	.01	.01										.28
SAXTON	*	*	*	*	*	*	*	*	*	*	*	*	*	.23											.23
SCRANTON WB CITY							.07	.02			.01														.10
SELLERSVILLE 2 NW			.01		.01		.01	.01	.07	.05	.04	.06	.07	.07											.40
SHADE GAP	.01	.01	.05	.05	.05	.05	.05	.01	.01	.01															.30
SHEFFIELD 6 W CHERRY GROVE													.06												.06
SMETHPORT HGWY SHED																	.11								.11
SOUTH CANAAN 1 E								.03	.04	.01															.08
SPRING GROVE					.01	.01	.08	.03	.05	.02	.05	.05	.05	.02	.01										.38
STATE COLLEGE					.03	.03																			.06
SUNBURY						.06	.06				.02														.14
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.10	*	*	*	*	*	.03											
TAMAQUA 4 N STILL CREEK DAM						.01	.07	.06	.06	.03	.01	.01													.25
TYRONE 4 NE BALD EAGLE					.02	.01																			.03
WEBSTER MILLS 3 SW			.02	.04	.14	.20	.06	.09	.01	.04	.02														.62
WIND GAP 3 SW									.04		.02		.01	.03											.10
YORK 2 S FILTER PLANT						.01	.07	.03	.05	.05	.06	.06	.05	.02	.01										.41
													—11th—												
BETHLEHEM LEHIGH UNIV		.01																							.01

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

SEPTEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—12th—																									
BLAIN															.02	.03									.05
—13th—																									
ROCHESTER 1 N									.02																.02
—16th—																									
DINGMANS FERRY																		.10							.10
—18th—																									
ALBION																							.10	.03	.13
BLAKESLEE CORNERS																	.20	.22	.01	.02					.45
BOSWELL													.04												.04
BUCKSTOWN													.03		.01	.01									.05
CANTON 1 NW															.05										.05
CLARION 3 SW													.01												.01
COALPORT															.10		.05								.15
COATESVILLE 1 SW															.04	.01									.05
CONFLUENCE 1 SW											.01	.03													.04
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.04					.05
DINGMANS FERRY														*	*	.05									*
DUNLO																*	*	*	*	*	*	*	*	.18	.18
ERIE WB CITY																.18	.01								.19
GOOD SPRINGS 1 NW																	.04	.01							.05
GREENSBURG 2 E HGWY SHED																	.05	.02	.01						.08
HAWLEY 1 S WALLEN DAM																								.08	.08
JAMESTOWN 2 NW															.03	.01			.03						.07
JOHNSTOWN 2															.62	.05									.67
LEWISTOWN																		.14	.02						.16
MEADOW RUN PONDS																								.04	.04
MEADVILLE 1 S																		.20	.10						.30
MEWWINSBURG															.14	.05		.01							.20
MONROE FURNACE																.15			.02	.01					.18
MONTROSE																	.08	.04		.03					.15
MOUNT POCONO 2 N WB AIRPORT //															.22	.05									.27
NEFFS MILLS 4 NE																								*	*
NEW CASTLE 1 N													.02	.01				.01		.01	.01		.01		.07
PARKERS LANDING 1 E																		.02	.29						.31
PHILADELPHIA WB AIRPORT																			.05	.13					.18
PHILADELPHIA POINT BREEZE																			.15						.15
PHILADELPHIA WB CITY																									-
PHOENIXVILLE 1 E PUMP STATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIKES CREEK																.50	.23		.05						.78
PINE GROVE MILLS 1 S														.02	.17	.01									.20
PLEASANT MOUNT 1 W																		.10							.10
PORT CLINTON																.10	.03								.13
PUNXSUTAWNEY 2														.04											.04
PUTNEYVILLE 2 SE														.08	.04										.12
RAYMOND																				.01			.01		.02
READING WB CITY																		.10							.10
ROCHESTER 1 N																						.01	.01		.02
SCRANTON WB CITY																.07	.01								.08
SELLERSVILLE 2 NW																		.02							.02
SHADE GAP																		.01							.01
SOUTH CANAAN 1 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STRONGSTOWN														.13											.13
STROUDSBURG															.02	.02		.01	.01					.04	.06
TITUSVILLE																.20									.20
TUNKHANNOCK 1 S														.06	.11										.17
TYRONE 4 NE BALD EAGLE																								.14	.14
UNION CITY 1 W																									.06
WASHINGTON											.06														
—19th—																									
ALBION	.02	.40																							.42
ALLENS MILLS			.03	.01	.01				.01	.01	.01														.15
AUSTINBURG 2 W			.05	.09	.01																				
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.07	*	*	*	*	*	.05											.17
BOSWELL				.01	.04	.01		.08	.03																
BROOKVILLE AIRPORT 6			*	*	*	*	*	.18																	.66
BUTLER SUBSTATION	.01	.03	.16	.02	.01	.06	.08	.19	.06	.03	.01							.09							.11
CARTER CAMP							.02																		
CHARLEROI			.03	.08	.10	.10	.02	.04	.08	.39	.06	.02													
CLARION 3 SW		.13	.02		.05	.08	.04	.03	.01																
CONFLUENCE 1 SW						.03	.02			.01	.03														
CONNELLSVILLE 4 N					.06	.06	.04	.03	.01	.04	.04	.02													
CURWENSVILLE 6 NW AIRPORT 6																									
DUNLO	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DUSHORE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
EAGLES MERE				.08																					
ENGLISH CENTER							.01																		
ERIE WB CITY	.01	.01	.20	.06														.01	.01	.01	.01	.01	.01		
ERIE AIRPORT 6	*	.04	*	*	*	*	*	.89																	
FORD CITY 4 S //				.05	.04	.01	.05	.04	.01																
FRANKLIN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GLENCOE																	.01	.02	.02	.01					.06
GOOD SPRINGS 1 NW																					.02				.02
GREENSBURG 2 E HGWY SHED			.09	.06	.02	.01	.02	.05	.04																
HARRISBURG 3 S WB AIRPORT								.05																	
HAWLEY 1 S WALLEN DAM					.01	.01																			
HOWE				.01		.05	.02	.01		.01	.02	.01		.01											
HOMESDALE 6 N TANNERS FALLS //																			.02		.01	.04			.06
INDIANA 2 SE							.01	.02	.03																.06
JAMESTOWN 2 NW	.14	.06	.12	.22	.10	.01	.03										.26	2.50	.25						3.61
JOHNSTOWN 2								.03	.01																.04
KANE 5 SE		.01		.01	.02	.02																			.06
MARIENVILLE		.19			.01	.04	.02	.04																	.06
MEADOW RUN PONDS					.01	.01	.01	.01																	.04
MEADVILLE 1 S	.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40				.50
MERCER HGWY SHED	.04	.28	.10	.02	.06	.10	.02	.06											.06	.03					.77

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

SEPTEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MILAN					.14	.25	.01																		.40
MONROE FURNACE																.04	.02								.06
MONTROSE															.04		.02	.06							.12
MOUNT POCONO 2 N WB AIRPORT //				.01																					.01
MURRYSVILLE			.05	.15		.02	.04	.03	.04	.01	.02	.01													.37
NEW CASTLE 1 N	*	.64	.06	.02	.03	.10	.18	.01		.01															1.05
PARKERS LANDING 1 E		.09	.06	.03	.03	.06	.12	.02	.03		.01														.45
PIKES CREEK		.01	.01	.02	.03	.01			.01																.09
PINE GROVE MILLS 1 S															.02	.10									.12
PITTSBURGH 7 SE WB AIRPORT //			.03	.17	.05	.06	.01	.02	.06	.08	.02														.50
PITTSBURGH WB CITY			.09	.12	.04	.06		.06	.10	.15	.01														.63
PLEASANT MOUNT 1 W					.02	.01														.05	.02				.10
PUNXSUTAWNEY 2			.04		.01	.13	.05	.01			.02														.26
PUTNEYVILLE 2 SE		.02	.03	.02	.02		.01	.02	.02																.14
RAYMOND					.06	.02																			.08
RIDGWAY							.03	.01	.01	.01															.06
ROCHESTER 1 N		.12	.24	.04	.04	.02	.11	.02		.01		.01													.61
SCRANTON WB CITY							.01																		.01
SHEFFIELD 6 W CHERRY GROVE		.02	.01			.01	.02	.01																	.07
SMETHPORT HGWY SHED					.07	.20	.01													.01		.01		.01	.31
SOUTH CANAAN 1 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TIONESTA 2 SE DAM //	.06	.11	.22	.21	.15				.02		.03														.80
TITUSVILLE	.13	.01	.04	.34	.45	.41	.01		.01	.01	.01														1.42
TOWANDA		.17	.01	.01																				.13	.32
TUNNELTON //				.04	.03	.03	.02	.07	.01	.02	.01														.23
UNION CITY 1 W	.16	.01		.31	.30		.01	.01																	.80
VANDERGRIFT 2 W			.16	.01	.04	.01	.04	.06	.02	.01															.35
WASHINGTON			.02	.04	.12	.09	.07	.41	.05		.01														.81
WAYNESBURG 2 W				.01	.06	.18	.15	.82	.40	.02	.09	.01	.01												1.75
WELLSBORO 2 E					.01	.02																			.03
YOUNGSVILLE	.02	.02	.01		.01	.01				.01															.08
											—20th—														
ALLENS MILLS																	.18	.01							.19
AUSTINBURG 2W							.07	.27	.01																.35
BETHLEHEM LEHIGH UNIV												.01													.01
BLAIN																				.05	.02				.07
BLAIRSVILLE 6 ENE 6															*	*	*	*	*	.06					.12
BLAKESLEE CORNERS											.12														
BOSWELL																	.16	.01	.02	.28	.03	.01	.02	.01	.54
BROOKVILLE AIRPORT 6															*	*	*	*	*	.02					
BUCKSTOWN																			.57	.03	.01	.01			.62
CANTON 1 NW																		*	*	*	*	*	*	*	*
CARTER CAMP									.15	.07															.22
CLARION 3 SW						.01											.01								.02
COALPORT																		.31							.31
CONNELLSVILLE 4 N																					.10	.06			.16
CRESSON 1 E SUMMIT																		.06							.06
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.07					
DINGMANS FERRY											.02														.02
DRIFTWOOD								.13	.03																.16
DU BOIS 7 E															.10		.01	.03							.14
DUNLO	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DUSHORE	*	*	*	*	*	*	*	*	*	*	*	.80				.07	.02								.89
EAGLES MERE		.01							*	*	*	*	*	.15											.16
EMPORIUM									.10		.01	.01													.12
ENGLISH CENTER										.25	.05														.30
EVERETT														*	*	*	*	*	*	*	*	*	*	*	*
FORD CITY 4 S //																	.01								.01
FRANKLIN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GOOD SPRINGS 1 NW	.01		.01						.01			.01													.04
GREENSBURG 2 E HGWY SHED																	.04	.02	.05	.06					.17
HARRISBURG 3 S WB AIRPORT																				.06	.02				.08
HAWLEY 1 S WALLEN DAM												.08	.03												.11
HEWITT 2 S															.02								.03		.05
HOLLIDAYSBURG																		.19		.01		.01		.01	.22
HOME										.01							.22	.06							.29
HONESDALE 6 N TANNERS FALLS //											.04	.01													.05
HUNTSDALE																					.05				.05
INDIANA 2 SE																	.09	.01							.10
JACKSON SUMMIT								.04	.19	.05															.28
JOHNSTOWN 2																.04	.02	.24							.30
LEBANON 3 SW													.16												.16
LEHIGHTON												.05	.03												.08
LEWISTOWN											.01	.01					.06	.02	.01		.01		.01		.13
LOCK HAVEN 2									.07	.05															.12
MARTINSBURG																		.02	.08						.10
MARTINSBURG BLAIR CO AIRPORT 6															*	*	*	*	*	.10					
MILLERSBURG 2 E																					.01	.01			.02
MILLVILLE										.18	.02														.20
MONTROSE											.28														.28
MOUNT POCONO 2 N WB AIRPORT //											.02	.02						.20	.07						.31
MURRYSVILLE																	.09	.40							.49
PALMERTON												.04													.04
PARKERS LANDING 1 E																	.08	.01							.09
PARK PLACE 1 NW WB AIRPORT 6									*	*	*	*	*	.20											
PHILADELPHIA WB AIRPORT													.04												.04
PIKES CREEK													.03		.01	.01	.03								.08
PITTSBURGH 7 SE WB AIRPORT //																			.02	.02					.04
PITTSBURGH WB CITY																		.02	.12						.14
PLEASANT MOUNT 1 W								*	*	*	*	*	*	.31											.31
RAYMOND							.36	.16	.08						.01										.61
RENOVO 6 S STATE CAMP									.06	.10															.16
ROCHESTER 1 N																	.10								.10
SCRANTON WB CITY					.16						.09							.01							.26
SMETHPORT HGWY SHED		.01	.01	.01					.66	.02	.05														.76
SOUTH CANAAN 1 E											.05			.01											.06
STRONGSTOWN																.43									.43
SUNBURY										.02	.04														.06
SUNBURY AIRPORT 2 N 6									*	*	*	*	*	.15											
TAMAQUA 4 N STILL CREEK DAM											.05														.05
TITUSVILLE												.01	.02	.01											.04
TOWANDA	.01	.01		.01					.12	.03															.18
TUNKHANNOCK 1 S		.35								.10	.03			.01			.01	.20							.70

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TYRONE 4 NE BALD EAGLE																		.10	.06						.16
VANDERGRIFT 2 W																.05	.02	.01				.01			.09
WEBSTER MILLS 3 SW																					.06				.06
WELLSBORO 2 E									.49	.13	.05														.67
WILLIAMSPORT										.14	.05		.01	.02											.22
YORK 2 S FILTER PLANT																					.07	.01			.08
—21st—																									
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.11	*	*	*	*	*	.30					
BOSWELL										.01	.03	.01	.04	.03	.08	.12	.05	.15	.02						.54
BUCKSTOWN									.05	.10	.01	.04	.08	.07	.06	.09	.10								.60
BUTLER SUBSTATION													.09	.01	.06	.04									.20
CANTON 1 NW	*	*	*	*	*	*	*	*	*	*	*	*	*	.26											.26
CHAMBERSBURG											.04	.01	.01	.01	.07	.08	.02								.24
CHARLEROI									.11	.02	.03	.13	.03	.12	.06	.04	.10	.05							.69
CLARION 3 SW																								.01	.01
COALPORT					.03						.01			.01	.02										.07
CONFLUENCE 1 SW									.20	.15	.11	.18	.35	.26	.19	.01		.06	.01						1.52
CONNELLSVILLE 4 N									.10	.16	.02	.01	.14	.12	.18	.02	.02	.08	.08						.93
CRESSON 1 E SUMMIT					.01				.01		.01	.01			.06	.04									.14
DUNLO	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90						.90
DUSMORE					.01		.03	.01																	.05
EVERETT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.96					.96
FORD CITY 4 S //										.02	.03		.04	.11	.07	.05	.01								.33
FRANKLIN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.45					.45
GETTYSBURG 1 S								*	*	*	*	*	*	*	*	*	*	*	*	.25					.25
GLENCOE								.02	.20	.02	.13	.20	.18	.17			.05	.05							1.02
GLEN ROCK															.01	.02	.03	.01							.07
GREENSBURG 2 E HGWY SHED									.07	.02	.01	.01	.04	.05	.04	.16	.01								.41
HEWITT 2 S										.07	.15	.06	.11	.18	.18	.16	.03	.03	.07	.01					1.05
HOLLIDAYSBURG											.01	.01	.01		.03										.06
HOLTWOOD															.01	.01		.06							.08
HOME								*	*	*	*	*	*	*	*	*	*	*	*	.20					.20
HUNTSDALE												.02	.02	.01	.03	.01	.01								.10
INDIANA 2 SE										.01	.02	.01	.02	.04	.01	.03	.04								.18
JOHNSTOWN 2										.02	.04	.02	.01	.04	.11	.04	.14	.01							.43
MARTINSBURG											.03	.04				.06	.04								.17
MARTINSBURG BLAIR CO AIRPORT 6									*	*	*	*	*	.06	*	*	*	*	*	.17					
MEADOW RUN PONDS												.18				.01	.02		.05						.26
MERCER HGWY SHED													.02	.03	.05	.01									.11
MURRYSVILLE									.01	.03	.02			.07	.03	.07	.08								.31
NEW CASTLE 1 N									.01	.01	.01	.04	.05	.03	.03	.01									.19
PARKERS LANDING 1 E		.02	.01	.01																					.04
PIKES CREEK													.01	.02											.03
PITTSBURGH 7 SE WB AIRPORT //									.04	.06		.01	.04	.06	.01	.14	.08	.01	.01						.46
PITTSBURGH WB CITY									.02	.02	.01		.07	.07		.13	.08	.01	.01						.42
PUTNEYVILLE 2 SE														.05	.03	.01									.09
ROCHESTER 1 N												.01	.10	.03	.10	.06									.30
SAXTON											.05	.01		.04	.04	.06	.02	.02	.01	.01					.26
SHADE GAP											.01			*	*	.07	.01								.09
SPRING GROVE												.01	.01		.03	.05	.02								.12
STRONGSTOWN			.01	.01							.03			.01	.05										.11
TUNNELTON //										.03	.03		.01	.08	.03	.07	.05								.30
VANDERGRIFT 2 W									.01	.01		.01	.01	.03	.08	.07		.01	.01				.01		.25
WASHINGTON								.10	.04	.01	.02	.05	.06	.14	.05	.07	.04	.01	.01						.00
WAYNESBURG 2 W							.06	.07	.19	.02	.24	.28	.14	.10	.01	.01	.07	.01							1.20
WEBSTER MILLS 3 SW											.03	.05	.04	.05	.11	.10	.05	.12	.08						.63
YORK 2 S FILTER PLANT															.01	.03									.04
—22d—																									
DUNLO							.01	.01	.01	.01			.01	.01											.03
HOLLIDAYSBURG														.01	.02										.03
STRONGSTOWN																.01	.01								.02
—23d—																									
ERIE WB CITY															.01										.01
ERIE AIRPORT 6															*	*	*	*	*	.01					
RAYMOND					.01	.02	.01																		.04
—24th—																									
ERIE WB CITY												.01													.01
ERIE AIRPORT 6									*	*	*	*	*	.01											
RAYMOND						.01	.01																		.02
—28th—																									
BOSWELL					.01			.01	.02																.04
—29th—																									
ALBION												.02	.10	.03								.04	.01		.20
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.03	*	*	*	*	*	.01	*	*	*	.01	
BOSWELL				.01	.02	.01	.03	.01	.01				.01											.01	.11
BROOKVILLE AIRPORT 6															*	*	*	*	*	.08					
BUCKSTOWN			.01	.01	.02	.02	.02	.01	.01	.01	.01	.01				.02							.01	.16	.32
BUTLER SUBSTATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHAMBERSBURG																	.01	.01							.02
CHARLEROI				.05	.03	.04	.01	.01				.01		.06	.04	.01									.26
CLARION 3 SW										.01													.06	.11	.18
CONFLUENCE 1 SW				.03												.07				.01					.11
CONNELLSVILLE 4 N					.06											.01	.01								.08
CRESSON 1 E SUMMIT								.02	.01	.01	.01														.05
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.02					
DUNLO						.01	.02	.03	.01	.01	.01	.01													.10
DUSMORE																.01								.01	.02
ERIE WB CITY												.02		.08	.02			.07			.01				.20
ERIE AIRPORT 6									*	*	*	*	*	.03							*	*	*		
EVERETT			.01				.01								.01	.02	.02		.02	.01					.10
FORD CITY 4 S //								.03	.01													.02			.06
FRANKLIN									.04		.01	.01					.14	.35			.04				.59
GETTYSBURG 1 S																				.01	.01		.01		.03

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LENCOE						.02	.02	.02	.03	.01					.05	.03	.01							.06	.25
REENSBURG 2 E HGWY SHED					.01	.05	.02					.12			.01	.05									.26
ARRISBURG 3 S WB AIRPORT																							.01		.01
EWITT 2 S													.03	.02	.08		.01	.04							.18
OLLIDAYSBURG								.01	.10	.01	.01														.13
OWE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AMESTOWN 2 NW											.11	.09							.01	.01					.22
OHNSTOWN 2						.01	.02	.02																	.05
ANE 5 SE																			.15		.01				.16
EBANON 3 SW																							.01		.01
ARIENVILLE																		.02	.01			.01	.04		.08
ARTINSBURG								.01	.04	.01															.06
ARTINSBURG BLAIR CO AIRPORT 6									*	*	*	*	*	.08	*	*	*	*	*	.02					
EADOW RUN PONDS								.02	.03	.01			.02				.01	.01							.10
EADVILLE 1S										.01	.07	.12	.17					.15	.03	.01			.01		.57
EDIX RUN																.01									.01
ERCER HGWY SHED							.01	.05	.02	.08	.14	.01				.16	.12	.02							.61
ILAN																			.05	.04	.04	.01			.14
ILLVILLE														*	*	*	*	*	*	*	*	*	*	*	*
ONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
URRYSVILLE					.01	.01	.07				.01				.01										.11
EW CASTLE 1 N								.02	.05	.06	.03	.01					.32			.01					.50
ARKERS LANDING 1 E								.02	.06								.05					.05			.18
IME GROVE MILLS 1 S										.01															.01
ITTSBURGH 7 SE WB AIRPORT //						.09	.06		.01			.04			.03	.03									.26
ITTSBURGH WB CITY						.07	.09					.02	.01	.01	.01	.02									.23
LEASANT MOUNT 1 W																			.01		.01			.01	.03
UTNEYVILLE 2 SE																							.02		.02
AYMOND																						.01		.01	.02
OCHESTER 1 N							.05	.04	.07	.03	.01	.01	.01			.46	.03	.01	.01	.06	.01				.80
AXTON								.03	.01	.01	.01					.01		.01		.01	.01				.10
EFFIELD 6 W CHERRY GROVE																				.17	.04				.21
ESTPORT HGWY SHED																						.01		.01	.02
TATE COLLEGE										.01															.01
TRONGSTOWN														.04		.02									.06
IONESTA 2 SE DAM //																		.09	.01	.02			.02	.05	.19
ITUSVILLE										.03	.01	.01		.01		.01	.02	.21	.50				.03		.83
UNNELTON //													.05			.05		.01							.11
NION CITY 1 W										.01			.01	.04	.04	.01		.04	.16	.05	.04	.01	.05	.02	.48
ANDERGRIFT 2 W								.04	.04			.01													.09
ASHINGTON			.01	.02	.06	.03	.01	.03		.04				.03	.08	.02	.02								.35
AYNESBURG 2 W			.01	.01	.01	.01		.01	.01					.06	.07	.01									.20
EBSTER MILLS 3 SW																.01	.04		.02	.03					.10
OUNGSVILLE																		.01	.25	.23	.06	.01	.01		.57
													—30th—												
LLENTOWN WB AIRPORT								.05	.05	.05	.06	.02			.01	.11	.18	.21	.06						.80
USTINBURG 2 W						.02																			.02
ETHLEHEM LEHIGH UNIV					.01		.01	.01		.08	.05	.02	.02	.02		.07	.08	.26	.13						.76
LAIR	.01		.04	.08	.06	.02	.02	.01	.01																.25
LAIRSVILLE 6 ENE 6																					*	*	*	.02	
LAKESLEE CORNERS									.05	.01	.03	.01													.10
OSWELL	.01																								.01
ROOKVILLE AIRPORT 6																					*	*	*	.02	
UCKSTOWN	.01																								.01
UTLER SUBSTATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTON 1 NW						.05																			.05
ARTER CAMP					.10	.03																			.13
HAMBERSBURG			*	*	.20						.01					.01	.01								.23
HARLEROI														.01	.01		.01		.01		.01			.08	.13
LARION 3 SW																						.01	.06	.01	.08
OALPORT			.03											.01	.01	.01				.01					.07
OATESVILLE 1 SW				.05			.06	.09	.03	.02	.06	.07	.07	.03	.08	.25	.07								.88
RESSON 1 E SUMMIT	.03	.01				.01		.02	.01																.08
URWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.04													*	*	*	.01	
INGMANS FERRY								.01	.01	.01	.01		.01	.01			.08	.15	.05	.03					.37
RIFTWOOD				.05																					.05
UNLO	.03	.01												.01	.01	.01									.07
USHORE			.01	.01		13	.32																		.47
AGLES MERE						.02	.24	.03																	.29
NGLISH CENTER					.05	.05																			.10
RIE AIRPORT 6	*	.14	*	*	*	*	*	.02																	
VERETT		.10																							.10
ORD CITY 4 S //	.01	.01		.01																					.03
RANKLIN		.01																							.01
ETTYSBURG 1 S	.01	*	.06	.05	.02	.03																			.17
LENCOE	.04	.01																							.05
LEN ROCK		.02	.01	.05	.10	.05		.03	.02	.02	.03														.33
OOD SPRINGS 1 NW					.03	.05	.10	.05	.01			.01													.25
ARRISBURG 3 S WB AIRPORT			.01	.08	.07	.02	.02																		.20
AWLEY 1 S WALLEN DAM								.04	.06	.03	.01		.01	.01											.16
EWITT 2 S	.01	.17																							.18
OLLIDAYSBURG	.02	.07	.02																						.11
OLTWOOD		.06		.01	.04	.04	.01	.17	.05	.03			.05	.04	.01										.51
OME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ONESDALE 6 N TANNERS FALLS							.04	.11	10	.06	.01			.04			.01								.37
UNTSDALE				.08	.02																				.10
ACKSON SUMMIT					.02	.16	.01																		.19
AMESTOWN 2 NW		.01	.01		.01																				.03
OHNSTOWN 2	.04	.01	.01				.01	.01																	.08
ANE 5 SE																							.01	.01	.02
AMPETER SCS 1 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANCASTER 2 NE FILTER PLANT					.03	.06	.08		.20	.09	.01				.04										.51
AURELTON STATE VILLAGE					.33	.16	.01																		.50
EBANON 3 SW			.01	.01	.10	.08	.02																		.22
EHIGHTON								.09	.03	.08	.11	.02	.01			.01	.02								.37
EWISTOWN			*	*	.39	.03				.01	.02														.45
OCK HAVEN 2		.02	.04	.10	.01																				.17
ARIENVILLE																							.03		.03
ARTINSBURG		.15	.10						.01		.01				.01	.01	.01	.01	.01	.01	.01	.01			.35
ARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.20							*	*	*	*	*	.01					
EADOW RUN PONDS											.05														.05
EADVILLE 1 S										.01		.01													.02
EDIX RUN			.01	.02	.01																				.04

See reference notes following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

PENNSYLVANIA

SEPTEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MERWINSBURG	.02	.01						.10	.02	.05	.11	.02	.02	.01		.09	.11								.56
MILAN																	.02	.02	.02						.06
MILLERSBURG 2 E					.03	.23	.13			.01	.01	.01	.01												.43
MILLVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.60	.60
MONROE FURNACE		.01	.03		.01						.01														.06
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT POCONO 2 N WB AIRPORT //			.28	.01	.08	.01			.01	.02	.01	.03	.02	.01		.01	.01	.01							.13
MOUNT UNION 1 NW //			.01	.07	.01					.01															.38
NEFFS MILLS 4 NE		.01							.03	.07	.16	.01	.03			.13	.13					.05			.10
PALMERTON																									.57
PARKERS LANDING 1 E			*	*	*	*	*	.01	*	*	*	*	*	.21											.05
PARK PLACE 1 NW WB AIRPORT 6							.06	.04	.05	.02	.02	.09	.02						.03		.01				.34
PHILADELPHIA WB AIRPORT								.06	.08	.06	.04	.02	.02												.28
PHILADELPHIA POINT BREEZE							.04	.01	.05	.03		.04	.02		.01										.20
PHILADELPHIA WB CITY		.07	.15	.05																					.27
PHILLIPSBURG 7 E AIRPORT				.03				.02	.14	.01	.18	.47	.10			*	*	*	.93	.02					1.90
PHOENIXVILLE 1 E PUMP STATION						.07	.30	.07																	.44
PIKES CREEK		.01	.04	.03	.01																				.09
PINE GROVE MILLS 1 S																					.01				.01
PITTSBURGH 7 SE WB AIRPORT //																					.06				.06
PITTSBURGH WB CITY			.01	.01			.15	.10	.12	.04							.01	.01	.01						.46
PLEASANT MOUNT 1W							.07	.20	.05	.05	.02														.39
PORT CLINTON		.01	.01	.01		.01																			.04
RAYMOND			.01	.01		.04	.03	.10		.20	.02	.01			.01	.10									.53
READING WB CITY				.13	.01																.01	.07	.01	.01	.14
RENOVO 6 S STATE CAMP																									.10
ROCHESTER 1 N		.13	.03																						.16
SAXTON							.01	.03	.03	.02			.02												.11
SCRANTON WB CITY							.01	.01	.01	.01	.01	.10	.05	.03	.02	.10	.20	.22							.77
SELLERSVILLE 2 NW		.05	.17	.11	.03																				.36
SHADE GAP							.01	.01																.02	.04
SHEFFIELD 6 W CHERRY GROVE									.03	.01	.03	.01		.01	.05		.01		.01						.16
SOUTH CANAAN 1 E	.05	.01	.06	.08	.04	.01				.01		.01													.27
SPRING GROVE			.05	.09																					.14
STATE COLLEGE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.67					.67
STROUDSBURG					.39	.18	.06	.02	.02	.01															.68
SUNBURY			*	*	*	*	*	.73	*	*	*	*	*	.01											.20
SUNBURY AIRPORT 2N 6							.06	.09	.05																.17
TAMAQUA 4 N STILL CREEK DAM						.01	.04	.15	.02														.16	.01	.22
TIONESTA 2 SE DAM //						.17	.18	.05																	.40
TOWANDA						.30																			.30
TUNKHANNOCK 1 S		*	*	*	*																				.02
TYRONE 4 NE BALD EAGLE	.01	.01																		.02				.03	.05
UNION CITY 1 W															.01	.01								.10	.12
WASHINGTON																									.05
WAYNESBURG 2 W			.05																						.26
WEBSTER MILLS 3 SW					.08	.18																			.13
WELLSBORO 2 E					.09	.02	.02																		.88
WILLIAMSPORT			.01	.01	.03					.05	.05	.10	.01	.01			.15	.30	.13	.02	.01				.25
WIND GAP 3 SW	.05	.03	.02	.03	.07	.01	.01	.01	.01	.01															.02
YORK 2 S FILTER PLANT				.01	.01																			*	
YOUNGSVILLE																									

See reference notes following Station Index

DAILY TEMPERATURES

Table S

PENNSYLVANIA

SEPTEMBER 1948

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION	MAX								85	82	72	76	88	72	77	77	73	85	90	81	78	72	68	67	63	68	72	76	78	65	73		75.5
	MIN																																
ALLENTOWN WB AIRPORT	MAX	77	77	81	80	85	84	81	82	89	67	78	84	80	81	74	73	76	88	85	82	69	70	67	62	69	75	80	78	84	65		77.8
	MIN	49	46	54	58	59	60	56	65	64	58	55	52	60	63	45	52	47	62	65	66	48	39	39	51	42	39	40	45	46	59		53.1
ALLENTOWN GAS CO	MAX	82	76	78	82	80	86	83	83	82	88	66	77	84	90	78	74	72	72	88	90	82	69	69	69	62	71	76	80	88	84		78.3
	MIN	52	47	49	57	62	59	63	66	68	54	55	52	53	64	48	49	49	51	63	68	60	39	39	40	42	40	41	44	47	54		52.8
ALTOONA HORSESHOE CURVE	MAX	75	79	83	83	82	75	78	82	83	69	74	86	86	77	72	73	83	79	79	90	68	63	62	57	60	70	74	72	71	65		74.7
	MIN	40	44	51	57	57	61	63	63	61	57	51	52	62	58	42	45	51	62	63	65	54	37	35	46	45	39	40	43	43	55		51.4
ARENDTSVILLE	MAX	79	78	77	82	83	86	84	78	81	89	67	80	86	91	80	76	71	80	82	82	85	64	67	67	63	65	73	77	77	77		77.6
	MIN	49	46	51	56	60	61	63	63	61	61	51	56	50	61	48	50	50	56	61	60	59	45	42	46	40	44	43	46	48	51		52.6
BAKERSTOWN 4 WNW	MAX	75	73	73	78	75	77	81	73	78	70	78	77	79	82	78	76	81	80	86	80	58	58	59	60	64	61	71	77	78	71		73.9
	MIN	56	52	51	51	51	50	55	56	58	51	44	44	51	48	48	50	51	51	52	52	38	37	39	40	39	33	52	51	48	49		48.3
BEAVERTOWN	MAX	79	81	84	83	85	86	80	80	88	79	77	88	92	90	80	76	84	88	82	82	77	67	66	63	71	75	79	77	75	71		79.5
	MIN	43	41	51	61	51	63	56	68	61	59	51	48	56	57	42	41	56	62	61	62	53	34	34	49		35	34	37	46	57		51.0
BELLEFONTE ROCKVIEW FARM	MAX	72	77	79	83	83	82	83	77	81	82	69	85	72	88	79	71	76	83	84	80	76	62	65	64	60	64	72	76	78	73		75.9
	MIN	52	43	50	54	58	50	60	54		59		57	47	57		47	52	58	65	64	52	35	33	41	45	34	35	38	42	48		49.2
BERWICK	MAX	78	81	85	84	87	85	82	85	87	74	76	87	92	91	75	76	80	88	86	82	81	70	68	65	70	76	80	82	86	74		80.4
	MIN	45	45	58	60	59	63	64	66	64	58	53	51		59	43	52	48	61	64	64	55	37	38	52	47	39	37	41	46	58		52.7
BETHLEHEM LEHIGH UNIV	MAX	76	77	80	79	88	83	83	86	88	68	79	84	92	80	74	74	75	87	89	80	68	70	68	60	70	74	80	80	84	75		78.3
	MIN	49	48	65	58	60	61	66	66	67	60	54	54	64	57	48	54	48	62	68	69	52	42	42	50	45	42	44	49	50	68		55.4
BLAIRSVILLE 6 ENE	MAX	70	76	82	83	82	76	80	79	76	67	70	80	83	73	70	75	82	77	74	74	61	61	61	54	60	69	74	74	75	72		73.0
	MIN	44	43	54	52	61	62	62	64	56	55	50	61	64	54	48	54	56	64	58	60	47	41	38	45	42	43	48	52	54	56		53.4
BRADFORD 4 W RESERVOIR	MAX	70	78	80	83	81	84	79	80	79	78	69	82	84	82	69	73	80	78	76	73	71	60	59	51	63	69	73	75	72	71		70.8
	MIN	34	42	46	46	50	55	62	52	58	52	38	45	50	45	36	45	47	57	55	61	45	30	31	46	33	29	30	32	36	53		45.7
BROOKVILLE AIRPORT	MAX	72	80	83	86	83	76	80	82	76	74	72	82	85	73	69	74	83	79	75	75	61	64	60	53	62	73	74	77	69	71		74.1
	MIN	38	44	48	51	55	60	65	63	56	52	46	50	52	48	41	45	48	59	59	57	40	35	33	46	39	32	35	36	40	55		47.5
BURNT CABINS 2 NE	MAX	76	79	82	85	86	82	76	87	90	76	78	86	91	80	78	77	80	87	86	84	66	67	65		66	73	78	79	80	74		79.1
	MIN	36	38	49	58	56	64	62	62	57	52	45	48	53	45	37	42	50	57	59	60	48	38	31		34	30	31	34	39	55		47.2
CANTON 1 NW	MAX	71	75	76	80	81	83	79	75	80	80	80	80	89	88	83	85	86	88	87	88	88	86	80	86	66	65	71	75	78	80		80.9
	MIN	47	46	59	60	59	64	67	69	63	59	52	52	55		41	42	40	41	50	60	46	34	34	37	43	40	41	43	48	50		49.7
CARLISLE	MAX	78	80	84	84	87	82	83	83	91	83	79	87	92	84	76	74	82	90	84	86	80	68	68	63	68	75	77	76	77	70		79.0
	MIN	44	41	50	57	60	60	65	65	60	60	53	48	58	60	42	47	49	56	61	61	55	40	38	50	38	36	35	41	43	55		50.9
CHAMBERSBURG	MAX	78	79	81	84	86	81	80	85	90	68	77	86	90	83	77	77	80	87	84	84	74	67	69	65	65	76	80	77	77	72		78.6
	MIN	44	44	53	58	60	61	66	65	61	60	52	52	58	62	44	48	52	61	62	60	54	42	37	51	37	37	38	42	46	56		52.1
CLARION 3 SW	MAX	76	81	84	88	84	75	83	84	77	75	75	86	87	75	72	79	88	81	79	78	68	64	62	56	64	75	78	78	68	73		76.4
	MIN	37	44	47	51	52	57	61	63	60	50	43	48	53	46	40	44	48	46	56	58	49	34	33	46	42	34	36	38	38	54		46.9
CLAYSVILLE	MAX	76	82	86	85	80	78	79	84	81	76	76	85	88	77	77	79	87	82	78	80	72	64	57	59	61	72	77	72	72	73		76.5
	MIN	39	42	51	56	60	60	66	65	63	57	47	60	57	53	43	49	50	60	61	65	52	45	37	49	46	33	37	40	52	58		51.8
COALPORT	MAX	76	76	83	84	88	85	76	82	82	82	71	75	85	88	78	73	79	88	84	78	88	90	85	56	58	65	75	78	76	73		76.9
	MIN	36	35	40	44	53	55	65	63	58	55	44	43	53	49	38	38	42	47	55	60	53	36	32	36	43	32	30	30	32	36		44.4
COATESVILLE 1 SW	MAX	80	75	78	80	75	86	83	84	88	66	78	84	84	89	81	74	73	74	87	84	83	88	70	68	64	70	74	77	77	78		77.7
	MIN	47	43	48	51	58	58	61	66	65	52	52	55	55	60	47	47	45	50	59	60	60	42	41	44	40	40	38	44	45	54		50.9
COLUMBIA	MAX	81	83	83	82	88	84	82	87	92	73	81	88	93	84	78	76	80	92	89	88	72	72	71	64	70	76	81	80	77	71		80.6
	MIN	49	47	52	59	61	62	67	65	65	63	52	54	60	65	47	50	52	52	65	64	60	39	43	55	39	40	41	45	48	59		54.0
CONFLUENCE 1 SW	MAX	74	72	81	86	85	81	78	82	82	82	69	74	84	85	78	77	80	85	80	79	77	62	65	65	56	58	70	75	73	70		75.5
	MIN	43	43	46	52	57	58	61	62	61	58	48	46	51	55	45	47	49	54	56	58	60	51	39	39	46	36	37	40	43	55		49.9
CORRY	MAX	72	78	82	84	84	80	81	81	76	70	73	84	84	75	70	76	84	78	78	76	69	62	57	55	66	73	76	78	68	73		74.8
	MIN	36	48	48	49	49	63	54	65	63	50	44	56	60	47	42	49	52	62	60	64	47	32	36	47	32	32	32	35	42	56		48.7
COUDERSPORT	MAX	73	75	82	81	85	80	79	78	76	72	71	84	88	81	69	71	82	80	76	74	73	62	61	53	70	72	76	78	72	73		74.9
	MIN	38	42	45	51	55	52	61	63	56	53	41	43	46	44	35	42	48	55	53	62	44	32	31	44	31	34	36	33	37	54		45.4
CURWENSVILLE 6 NW AIRPORT	MAX	69	74	80	80	78	72	74	78	73	64	67	78	82	70	66	70	80	79	73	70	58	58	58	55	57	68	71	72	66	70		70.3
	MIN	43	46	51	57	59	61	62	61	53	50	45	53	57	50	44	48	52	60	59	54	42	38	38	42	41	43	46	50	49	53		50.2
DERRY	MAX	75	84	87	87	86	85	85	82	80	78	76	88	88	81	74	70	88	82	78	74	72	64	63	58	64	73	78	75	75	75		77.5
	MIN	40	41	50	60	57	68	61	61	67	62	51	62	59	57	46	53	54	66	62	62	52	42	37	48	46	34	37	40	48	61		52.8
DONEGAL	MAX	72	80	82	84	80	76	81	81	82	66	71	82	83	74	76	77	83	77	74	72	61	60	62	52	56	70	73	70	72	73		73.4
	MIN	35	37	43	56	52	62	61	60	58	50	43	52	55	48	40	43	50	57	58	58	49	38	34	45	34	29	32	39	51	51		47.3
DONORA	MAX	77	77	84	89	87	86	80	85	88	84	73	79	90	90	88	89	80	90	85	81	82	60	65	66	61	70	76	79	77	77		79.8
	MIN	48	48	56	64	63	69	69	68	70	61	55	62	63	63	55	52	59	66	64	65	60	48	44	53	50	40	41	45	56	61		57.3
EAGLES MERE	MAX	63	67	72	73	73	77	75	73	73	76	80	86	75	81	66	64	65	71	79	72	71	56	57	57	60	59	65	69	72	75		68.4
	MIN	42	42	52	56	58	61	63	64	63	54	48	48	55	55	46	45	45	52	56	60	47	37	39	41	42	42	45	49	53	51		50.2
EAST WATERFORD 3 E	MAX	70	75	78	76	79	72	68	72	82	65	71	81	85	74	70	72	76	80	76	76	65	58	60	55	57	68	74	75	71	70		71.7
	MIN	46	56	57	59	61	62	61	63	65	56	53	58	67	58	49	51	54	64	63	64	49	41	40	46	43	48	53	54	58	54		55.1
EMLENSBURG	MAX	82	79	80	82	82	82	74	80	79	77	66	71	81	83	75	71	75	82	77	68	75	56	62	63	61	68	72	76	74	70		74.1
	MIN	57	55	52	57	58	60	62	62	60	54	47	52	58	53	42	46	51	63	58	61	53	35	35	36	41	37	41	45	47	55		51.1
EMPORIUM	MAX	76	75	77	86	94	84	85	82	83	79	74	74	85	89	75	77	77	86	82	82	76	75	65	62	58	68	76	80	81	74		77.9
	MIN	38	41	51	52	56	57	58	64	63	56	48	46	51	47	40	42	47	52	58	62	47	37	34	36	43	35	37	37	42	46		47.4
EPHRATA	MAX	78	77	83	77	85	83	81	84	89	80	78	87	92	84	77	76	75	90	87	83	80	73	70	65	71	77	81	79	77	68		79.6
	MIN	49	47	47	58	61	61	67	66	66	63	52	54	61	64	48	50	51	61	61	64	58	40	41	51	41	46	42	47	49	60		54.2
ERIE WB CITY	MAX	71	77	81	81	86	82	83	79	73	71	73	81	78	72	72	73	82	77	78	74	62	61	62	57	65	69	71	73	70	73		73.6
	MIN	53	59	63	63	66	68	70	69	65	60	58	67	65	57	55	58	63	69	66	63	52	49	51	48	45	50	51	53	57	63		59.2
EVERETT	MAX	75	83	85	86	83	79	82	80	87	68	75	85	88	78	74	76	80	84	80	81	85	64	64	60	61	70	73	73	73	71		76.1
	MIN	42	40	40	57	59	59	65	62	57	54	49	48	53	51	42	46	46	57	60	61	51	41	37	37	40	36	38	38	42	56		48.7
FARRELL SHARON	MAX		81	81	82	81	75	77	80	78	74	73	82	81	74	71	73	80	78	77	76	63	62	60	57	63	68	70	70	67	69		73.2
	MIN																																
FORD CITY 4 S	MAX	79	74	81	86	87	79	77	85	85	81	71	75	87	90	77	74	80	86	85	80	81	59	63	65	59	63	74	77	75	74		77.0
	MIN	41	42	45	48	55	57	63	65	64	54	47	47	53	52	43	45	44	51	62	62	56	36	35	37	41	36	37	38	38	46		48.0
FRANKLIN	MAX	74	75	81	84	87	84	75	81	84	75	75	74	86	87	76	73	78	87	82	79	78	62	64	61	55	66	74	76	77	68		75.9
	MIN	42	42	48	52	56	56	65	65	66	53	47	47	55	51	45	47	51	52	61	63	52	40	37	38	40	38	38	41	42	45		49.2
FREDERICKSVILLE 1 SE	MAX	75	75	79	78	83	80	79	79	84	71	75	82	86	78	71	71	72	80	82	80	75	67	65	60	68	72	75	75	80	70		75.6
	MIN	54	54	60	57	63	59	62	62	63	61	49	50	59	60	50	50	53	62	61	60	55	35	42	48	41	42	38	47	48	65		53.3

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

SEPTEMBER 1948

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FREELAND	MAX	76	74	80	76	81	81	75	78	83	83	71	80	83	83	68	70	73	82	80	75	73	69	64	57	70	74	78	80	80	68		75.5
	MIN	43	50	56	57	57	61	62	63	63	56	52	57	64	56	55	49	48	61	61	63	50	36	38	45	42	46	47	52	54	56		53.3
GEORGE SCHOOL	MAX	77	72	82	80	85	83	83	84	88	82	82	85	90	81	75	73	75	87	84	80	76	70	70	63	69	75	80	78	83	69		78.7
	MIN	46	46	53	54	58	56	63	62	63	61	52	54	60	65	49	51	43	59	61	63	57	40	43	50	44	40	40	40	48	57		52.6
GETTYSBURG	MAX	79	78	77	82	82	84	83	78	85	89	66	78	86	91	80	76	77	78	88	83	85	65	67	67	62	66	75	78	77	77		78.0
	MIN	67	45	42	59	61	63	66	66	62	62	51	49	59	68	47	50	52	62	69	64	62	44	43	52	40	43	40	45	49	57		54.6
GORDON	MAX	77	79	80	79	85	80	80	80	77	74	77	85	89	79	71	71	79	86	82	80	77	66	65	60	66	73	77	77	79	67		76.6
	MIN	45	41	52	55	57	60	61	60	61	57	53	47	54	53	39	44	45	55	59	58	50	32	32	50	45	33	33	37	40	55		48.8
GREENSBURG 2 S FILTER STA	MAX	75	82	84	85	85	80	83	82	81	73	75	85	86	82	75	79	86	81	77	79	75	64	64	59	62	72	75	75	74	74		77.0
	MIN	38	41	46	56	53	59	62	65	60	58	45	52	51	52	41	44	48	54	57	59	52	41	36	50	47	32	33	36	52	59		49.3
GREENVILLE	MAX	80	82	85	87	86	78	81	87	78	75	76	89	87	77	74	79	88	83	82	77	70	66	59	58	67	74	77	77	63	76		77.3
	MIN	56	48	49	50	53	63	64	63	65	50	41	53	55	47	43	48	48	57	62	61	53	35	34	49	32	34	38	40	43	57		49.7
HANOVER	MAX	76	78	83	83	84	81	80	86	92	66	81	89	93	82	77	72	81	89	86	87	66	69	69	64	69	75	77	76	80	71		78.7
	MIN	52	52	53	59	65	64	67	66	64	62	53	54	62	62	45	49	54	59	63	64	61	43	42	45	38	40	43	44	48	60		54.4
HARRISBURG 3 S WB AIRPORT	MAX	78	79	83	82	83	81	79	83	90	72	77	87	90	78	72	74	79	88	83	84	71	65	67	64	68	74	78	76	75	70		77.7
	MIN	51	48	56	63	64	64	68	68	65	60	55	55	64	61	47	54	55	63	64	64	51	41	42	49	43	44	42	47	49	58		55.2
HAWLEY	MAX	75	78	80	80	83	83	78	79	86	68	75	84	90	78	71	67	75	86	82	74	65	66	63	59	69	73	76	78	79	62		75.4
	MIN	41	41	53	54	58	58	56	60	60	55	48	45	54	50	41	45	40	55	58	60	47	33	33	47	38	33	33	36	40	54		47.5
HAWLEY 1 S WALLEN DAM	MAX	69	74	79	79	82	81	75	73	83	65	72	82	85	73	68	67	73	84	76	73	59	59	62	56	67	72	76	80	80	62		72.9
	MIN	40	36	37	49	51	52	50	52	54	54	43	40	40	47	36	36	35	39	54	50	45	27	27	29	34	29	29	33	36	39		40.8
HEWITT 2 S	MAX		81	85	85	86	81	81	82	87	74	78	85	90	79	79	76	82	87	81	83	79	68	67	61		71	75	70	72	71		78.4
	MIN		67	74	65	68	65	66	61	62	60	65	66	52	40	39	46	46	48	52	52	58	38	34	41		34	49	36	40	41		52.3
HOLTWOOD	MAX	75	81	82	79	86	82	82	84	90	73	77	86	90	84	84	77	77	86	82	84	75	68	66	63	68	77	77	77	75	68		78.5
	MIN	55	54	59	64	68	68	70	68	70	63	59	61	64	63	56	57	57	66	68	66	59	50	50	50	46	52	50	55	55	63		59.5
HUNTINGDON	MAX	78	83	86	81	92	90	86	85	89	70	77	89	92	81	87	79	86	86	83	84	68	67	68	62	66	76	79	76	75	69		80.0
	MIN	39	39	43	48	59	61	65	62	63	60	50	47	42	56	39	40	45	52	59	61	54	40	36	37	40	32	32	34	32	45		47.1
INDIANA 2 SE	MAX	74	80	84	86	86	78	82	83	82	71	74	85	88	77	75	78	84	82	76	79	68	65	64	58	64	73	78	76	69	75		76.5
	MIN	36	41	47	55	55	60	65	65	58	55	44	48	51	50	40	46	50	55	56	59	53	37	33	47	44	33	35	38	39	54		48.3
INDIANA	MAX	75	82	85	85	86	83	83	84	83	74	74	85	87	86	75	78	86	85	78	81	78	64	63	60	64	72	76	75	72	75		77.8
	MIN	43	48	56	61	62	67	66	65	64	57	50	55	59	57	48	52	57	60	63	64	55	42	38	48	46	40	45	46	49	58		54.0
IRWIN	MAX	78	83	88	88	85	85	84	85	85	75	77	85	87	86	80	82	89	88	82	80	79	63	63	62	59	73	76	77	77	70		79.0
	MIN	40	43	51	57	60	61	66	65	66	58	51	59	58	50	44	48	53	61	60	61	57	43	39	49	47	34	35	40	46	59		52.0
JAMESTOWN 2 NW	MAX	70	80	83	85	84	79	79	85	70	75	75	88	86	75	70	76	88	83	84	79	66	63	60	60	66	72	76	76	67	75		75.8
	MIN	37	44	51	49	53	60	63	61	62	47	44	45	58	56	48	51	49	55	60	57	52	39	37	41	32	34	37	40	42	53		48.6
JOHNSTOWN 1	MAX	78	80	86	90	90	87	80	84	85	84	72	76	88	90	80	75	82	90	82	80	78	62	64	64	59	63	73	79	77	74		78.4
	MIN	43	45	51	59	57	60	67	65	61	60	50	53	57	62	46	50	54	60	64	66	61	44	41	43	48	38	41	41	45	45		52.6
KANE 1 NW	MAX	71	76	81	83	81	75	78	79	74	68	69	80	83	70	72	73	82	77	76	72	59	60	56	51	63	69	73	75	71	71		72.3
	MIN	30	40	43	45	46	54	62	58	52	46	37	37	49	39	34	44	45	52	53	48	33	29	29	42	34	30	29	30	35	48		41.8
LANCASTER 2 NE PUMP STA	MAX	76	76	78	78	83	82	78	83	87	79	75	85	86	80	74	73	76	87	83	84	79	68	68	61	69	74	76	77	75	70		77.3
	MIN	45	43	43	53	56	56	62	60	62	60	56	49	55	60	43	47	46	55	61	58	55	37	37	50	34	35	36	39	43	54		49.7
LANCASTER 3 NE EXP FARM	MAX	79	75	76	79	78	83	79	79	84	89	65	77	85	90	68	74	73	75	90	86	85	63	70	67	55	69	73	77	78	76		76.6
	MIN	49	46	51	57	60	60	65	63	65	63	51	53	60	65	45	50	50	54	61	61	59	41	40	48	39	40	40	44	46	57		52.8
LAWRENCEVILLE	MAX	74	81	85	85	85	83	80	80	81	70	74	88	94	77	70	74	86	85	80	78	72	62	60	54	68	75	79	81	77	69		76.9
	MIN	40	45	50	56	58	58	61	64	61	55	47	48	50	48	38	43	45	57	60	60	50	37	37	47	37	36	37	36	41	55		48.6
LEBANON	MAX	76	78	81	80	85	81	87	85	89	66	77	87	91	80	73	74	79	89	85	84	69	68	69	64	70	76	80	79	76	65		78.1
	MIN	50	49	53	60	61	62	64	67	64	64	53	54	55	61	46	48	53	55	62	64	59	40	41	42	40	40	41	45	48	55		53.2
LEWISTOWN	MAX	81	80	83	87	85	90	84	79	80	89	71	79	91	95	81	77	79	89	89	83	83	67	70	69	63	69	74	81	78	77		80.1
	MIN	44	45	46	53	60	63	63	69	64	61	55	51	52	57	45	45	50	62	56	64	59	41	38	38	38	49	38	38	42	47		51.1
LOCK HAVEN 1	MAX			81	84	89	87	84	82	83	84	70	77	89	93	80	73	80	85	85	83	79	68	67	67	62	71	79	80	80	72		79.1
	MIN			53	56	59	62	65	67	65	58	53	49	58	55	44	45	48	52	62	63	50	38	38	40	48	38	40	38	38	45		51.0
MARCUS HOOK	MAX	85	82	81	85	78	88	86	86	88	90	71	80	86	90	87	80	76	77	86	89	87	75	76	73	67	72	74	80	80	81		81.2
	MIN	56	57	61	64	66	65	66	68	71	69	60	60	68	70	56	58	57	62	67	68	64	49	50	55	53	52	53	54	57	63		60.6
MARTINSBURG BLAIR CO AP	MAX	75	80	82	82	84	77	78	82	83	66	72	84	86	78	72	76	83	81	78	79	66	62	63	57	60	72	76	73	71	70		74.9
	MIN	41	41	52	59	56	64	65	65	62	52	50	55	60	55	43	48	57	65	64	64	48	39	37	47	42	37	39	42	45	56		51.7
MAUCH CHUNK 1 SW	MAX	74	71	75	76		79			81	79	70	78	81	81	73	68	69	79	80	77	76	62	63	62		68	70	73	77	75		73.7
	MIN	48	40	50	52		55			53	59	48	46	55	60	41	46	42	55	62	59	54	37	41	50		34	33	40	41	56		48.3
MEADVILLE 1 S	MAX	71	73	81	84	87	85	77	80	85	72	75	74	88	86	75	74	79	88	82	82	80	63	63	59	55	68	73	77	79	65		76.0
	MIN	39	39	48	51	50	55	65	61	62	49	44	46	56	44	42	46	48	51	60	62	51	35	34	39	34	34	35	40	39	55		47.1
MERCER 5 NE WB AIRPORT	MAX	73	77	82	85	82	74	78	82	72	73	72	83	85	73	70	78																
	MIN	38	47	54	53	59	64	63	61	63	49	44	56	58	49	44	48																
MIDDLETOWN OLMSTED FIELD	MAX	76	79	82	82	84	81	79	83	90	72	77	87	91	80	73	74	79	90	83	85	69	66	67	64	69	75	79	76	76	70		77.9
	MIN	49	47	51	61	61	63	67	68	65	61	57	54	62	59	46	53	52	64	64	65	50	39	42	48	39	46	41	49	48	50		54.3
MIDLAND DAM NO 7 LOWER	MAX	74	81	85	83	86	78	83	83	76	82	78	85	87	75	75	77	87	84	80	80	68	62	64	59	63	71	74	76	70	72		76.6
	MIN	44	49	54	60	58	62	64	66	60	58	53	60	60	56	60	58	56	63	64	64	52	47	43	50	47	40	44	46	50	58		54.9
MONTROSE 3 E HGWY SHED	MAX	70	67	75	79	78	81	81	75	79	83	64	72	83	88	69	68	68	77	85	75	72	59	55	59	51	65	71	75	78	79		72.7
	MIN	42	49	50	55	57	59	58	60	59	52	46	46	48	53	43	43	43	48	60	60	44	34	36	36	40	40	42	44	48	52		48.2
MOUNT POCONO 2 N WB AP	MAX	68	70	73	75	79	77	72	77	82	60	70	80	83	70	66	63	69	81	77	74	60	60	59	52	69	74	75	78	78	60		71.0
	MIN	43	42	51	53	59	58	58	62	59	52	48	49	57	47	40	42	43	59	60	58	38	33	38	44	40	41	46	47	47	46		48.7
NEFFS MILLS 4 NE	MAX	78	77	81	85	85	85	82	78	84	81	69	75	88	80	79	74	78	85	87	82	79	63	67	68	68	67	76	80	78	77		77.9
	MIN	35	36	45	49	53	59	64	61	58	58	45	43	51	55	35	41	46	53	56	57	53	36	36	33	46	29	30	32	36	53		46.1
NEWBURG 3 W	MAX	70	72	74	76	78	72	72	76	82	60	70	78	85	76	74	71	76	82	79	78	61	60	58	58	62	66	70	70	70	55		71.4
	MIN	36	36	42	48	50	56	56	58	54	48	40	44	51	46	37	40	44	52	55	52	38	35	35	38	36	30	44	38	40	48		44.3
NEW CASTLE 1 N PUMP STA	MAX	77	83	86	88	84	78	81	85	76	75	77	89	89	79	75	79	89	84	82	78	64	65	64	57	67	75	78	80	71	75		77.7
	MIN	40	44	50	53	55	61	64	63	57	52	48	57	58	48	45	48	51	58	62	63	46	39	35	46	38	34	37	40	41	57		49.7
NEWELL	MAX	78	82	89	89	89	89	82	85	87	84	77	78	89	91	83	82	83	91	86	81	80	63	66	68	61	66	76	80	78	75		80.3
	MIN	46	48	53	65	61	62	63	66	66	62	53	59	58	64	53	53	56	62	64	65	63	53	47	55	52	41	43	46	54	57		56.3

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5–Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEWPORT	MAX	80	82	83	86	85	80	83	82	84	82	71	78	89	94	81	78	79	84	88	84	84	67	70	69	63	70	78	83	79	77		80.4
	MIN	43	42	43	49	56	60	62	64	62	60	49	46	58	56	40	40	45	51	56	59	53	35	32	33	41	33	35	36	38	43		47.0
PALMERTON	MAX	75	76	79	78	83	80	76	79	86	66	75	83	88	78	72	70	74	87	82	81	67	67	64	59	69	75	78	78	80	65		75.7
	MIN	50	45	55	58	59	60	64	65	56	59	53	52	60	54	45	51	48	62	64	64	45	38	37	50	42	39	40	42	46	59		52.4
PARK PLACE 1 NW WB AIRPORT	MAX	70	71	74	73	77	74	72	76	84	62	71	80	84	71	66	68	70	82	79	76	60	61	60	52	63	68	73	74	76	61		70.9
	MIN	44	51	55	57	50	62	62	63	59	55	50	55	64	47	45	47	47	59	61	59	44	42	38	42	40	46	47	50	57	56		52.1
PHILADELPHIA WB AIRPORT	MAX	76	78	82	78	86	84	84	88	89	71	79	86	90	81	74	72	76	86	84	83	74	69	69	63	67	74	78	79	82	73		78.4
	MIN	52	52	55	60	54	62	67	68	68	61	58	62	66	58	54	55	50	64	67	67	55	46	46	53	46	46	47	49	52	60		57.0
PHILADELPHIA POINT BREEZE	MAX	76	79	83	78	86	85	84	86	89	72	79	84	90	84	75	74	77	84	87	83	76	69	68	63	68	74	80	79	83	73		78.9
	MIN	56	59	62	74	67	66	69	70	69	62	62	63	68	65	60	60	59	66	68	69	59	48	48	55	50	50	53	55	58	60		61.0
PHILADELPHIA SHAWMONT	MAX	83	79	82	82	85	86	87	84	89	88	80	85	90	89	82	74	77	87	85	84	83	70	72	67	72	74	78	79	80	75		80.9
	MIN	49	50	54	58	61	60	67	65	66	60	58		67	50	52	48	60	65	64	62	44	45	52	44	64	45	49	50	58			56.1
PHILADELPHIA WB CITY	MAX	77	77	81	79	83	84	83	84	89	73	79	84	89	83	75	71	74	85	86	82	75	71	69	64	67	74	78	78	80	72		78.1
	MIN	56	61	63	65	68	64	67	60	70	63	61	64	68	64	59	59	58	65	66	68	58	50	50	55	52	53	53	57	60	62		60.6
PHILLIPSBURG 7 E AIRPORT	MAX	70	74	78	79	80	75	74	78	80	65	69	80	85	72	65	72	78	79	75	70	60	59	59	56	59	69	72	72	69	65		71.3
	MIN	29	34	47	59	53	63	63	56	52	44	40	46	62	41	31	40	48	57	61	55	34	25	26	36	32	28	28	35	33	46		43.5
PHOENIXVILLE 1 E PUMP STA	MAX	84	85	88	85	90	87	90	90	92	84	85	90	95	85	80	77	79	90	88	84	77	70	65	72	75	80	80	85	77	85		83.1
	MIN																																
PITTSBURGH 7 SE WB AIRPORT	MAX	74	82	86	85	84	76	83	85	80	73	75	86	87	76	74	78	87	84	78	78	65	62	62	57	60	72	75	73	69	73		76.0
	MIN	50	52	57	66	63	67	66	65	63	50	52	58	58	57	52	56	60	61	62	63	51	45	43	50	48	43	49	51	54	61		56.1
PITTSBURGH WB CITY	MAX	76	82	87	88	85	78	83	88	80	76	77	88	90	79	76	81	89	84	79	81	68	64	64	60	62	76	76	75	70	75		77.9
	MIN	51	53	60	66	65	69	68	68	64	62	57	63	68	61	54	57	61	70	64	67	53	48	45	52	48	44	46	49	54	63		58.3
PORT CLINTON	MAX	76	76	77	79	77	83	80	78	82	86	64	76	83	89	72	74	71	73	86	83	81	65	67	67	60	69	75	78	77	82		76.2
	MIN																																
PUTNEYVILLE 2 SE	MAX	74	81	85	86	85	78	82	85	79	76	74	83	90	81	72	78	86	81	78	76	62	63	64	60	62	73	76	78	70	75		76.4
	MIN	33	38	38	45	45	54	59	60	57	47	43	44	49	47	36	38	46	46	54	56	49	29	27	35	39	28	30	34	35	44		42.8
QUAKERTOWN	MAX	73	75	80	77	83	82	82	83	85	79	76	80	87	81	72	69	73	78	84	79	77	66	67	62	67	73	76	78	81	70		76.5
	MIN	43	41	49	50	53	55	61	61	62	59	46	47	54	61	40	45	41	50	57	59	54	36	36	49	34	33	33	37	40	54		48.0
READING WB CITY	MAX	77	78	81	78	85	82	83	81	88	71	77	86	91	82	75	73	75	88	85	83	70	71	88	64	70	75	79	77	80	67		78.0
	MIN	53	51	56	61	61	62	70	69	67	60	55	57	66	60	51	55	51	64	69	68	54	45	45	52	47	46	44	49	52	60		56.7
RETREAT FARMS	MAX	74	77	80	79	85	84	80	80	87	74	74	83	89	84	71	72	77	87	85	79	77	65	65	60	67	72	76	79	83	74		77.3
	MIN	44	44	55	57	58	59	59	64	63	56	54	50	46	57	43	49	46	58	67	63	50	39	36	51	46	37	37	40	45	54		50.9
RIDGWAY	MAX	75	77	83	86	90	87	78	83	85	77	75	74	85	89	75	71	79	86	83	79	75	68	66	60	54	65	75	78	80	72		77.0
	MIN	38	38	47	49	52	54	64	64	58	52	43	44	47	44	40	43	47	49	54	59	45	33	33	34	42	35	35	36	38	41		45.3
SCRANTON WB CITY	MAX	72	78	82	81	85	85	80	80	87	66	76	85	89	74	70	70	77	88	79	77	63	62	63	56	68	74	72	82	84	66		75.7
	MIN	49	48	60	61	60	62	64	65	64	58	54	52	58	52	47	52	52	63	62	63	48	38	40	50	48	40	41	44	49	58		53.4
SELINSGROVE AIRPORT	MAX	77	79	81	80	84	81	80	82	87	75	76	87	91	90	75	74	80	85	88	83	77	68	69	64	70	75	80	80	75	70		78.8
	MIN	41	42	51	59	57	58	68	63	61	57	51	49	54	58	38	46	46	61	64	61	50	33	33	50	47	35	34	36	40	54		49.9
SHIPPENSBURG	MAX	80	82	87	88	89	85	83	87	92	76	79	89	91	87	80	78	83	88	86	86	80	69	70	65	68	77	82	80	80	75		81.4
	MIN	44	44	53	59	60	59	66	67	62	61	52	53	60	62	44	50	53	64	68	63	57	41	38	51	38	40	40	43	46	57		53.2
SOMERSET WATER WORKS	MAX	76	81	85	85	79	78	78	82	79	67	71	81	83	79	74	78	84	78	76	74	71	61	60	56	55	68	72	70	70	76		74.2
	MIN	33	36	41	58	51	60	63	62	55	55	46	54	49	53	37	41	46	56	59	60	55	46	33	45	43	28	30	32	38	51		47.2
SPRINGS 1 SW	MAX	72	78	81	83	77	73	75	77	79	62	69	78	80	74	71	74	80	75	74	71	67	61	59	54	53	64	67	65	65	71		71.0
	MIN	36	39	44	56	53	59	62	59	53	49	45	49	50	51	39	41	47	55	59	60	50	45	33	44	37	30	32	36	46	54		47.1
STATE COLLEGE	MAX	74	79	82	83	82	78	77	80	82	67	72	84	87	75	71	75	82	83	78	76	66	63	62	58	63	71	75	76	71	70		74.7
	MIN	42	47	54	62	59	67	66	66	62	55	52	54	61	58	45	51	58	65	65	66	49	39	37	49	45	38	41	45	47	56		53.4
STROUDSBURG SUBSTATION	MAX																																
	MIN	47	44	55	56	59	60	68	66	65	62	53	53	57	59	43	50	42	62	62	63	53	37	38	51	39	42	42	41	49	61		52.6
SUNBURY 2 N AIRPORT	MAX	77	80	81	81	85	81	80	82	86	68	75	87	91	78	74	76	79	85	85	80	65	69	67	63	69	74	79	78	74	69		77.3
	MIN	44	47	55	62	61	64	66	65	64	55	54	53	60	53	45	51	50	61	64	64	49	39	38	51	46	41	40	42	46	60		53.0
TAMARACK 2 S FIRE TOWER	MAX	68	70	74	75	81	76	72	74	74	76	62	67							72	75	72	57	67	55	56	58	68	72	73	69		69.3
	MIN	42	43	51	55	58	58	60	61	60	54	45	45							61	57	47	39	37	38	41	42	45	50	52	51		49.7
TIONESTA 2 SE DAM	MAX	72	72	82	82	86	83	74	82	82	75	75	84	85	75	71	76	82	80	79	78	62	63	60	55	65	73	76	78				75.2
	MIN	40	43	48	50	54	57	53	55	63	52	46	45	52	49	43	45	49	55	56	62	47	38	37	36	40	36	38	39	42			47.9
TITUSVILLE 2 S	MAX	72	76	81	84	81	79	77	81	77	73	72	88	85	74	67	73	83	81	75	78	68	58	60	54	61	74	73	75	65	69		73.8
	MIN	34	48	47	48	50	62	64	64	63	48	44	56	58	46	40	46	52	63	60	62	46	32	30	46	34	31	33	39	41	55		48.0
TOWANDA	MAX	73	82	85	84	87	87	85	81	85	71	77	87	92	79	73	73	83	87	81	80	68	64	64	56	70	74	79	80	82	69		77.9
	MIN	42	43	56	57	57	57	62	63	59	53	46	48	51	52	42	42	41	58	61	62	47	38	35	48	45	39	39	40	43	54		49.3
TUNKHANNOCK 1 S	MAX	77	74	81	84	84	88	87	80	85	90	69	77	88	94	75	72	73	82	90	81	79	63	62	65	56	70	68	79	84	84		78.0
	MIN	42	41	52	56	57	56	57	64	61	54	48	46	53	56	40	44	40	57	58	61	50	34	34	44	43	34	35	36	41	52		48.2
UNIONTOWN	MAX	76	81	86	85	86	80	83	86	84	69	76	86	87	80	77	80	87	83	78	78	69	63	66	58	62	75	77	74	74	76		77.4
	MIN	45	47	52	64	62	69	67	68	65	58	53	63	60	60	51	50	54	66	62	67	55	49	43	51	45	37	39	45	57	61		55.5
WARREN	MAX	77	76	80	86	89	87	82	85	86	78	76	75	88	91	77	71	79	89	84	83	79	65	61	68	65	75	76	79	82	74		78.8
	MIN	40	48	50	54	55	62	65	65	59	54	55	45	53	48	42	50	50	52	55	62	44	36	43	40	38	42	38	39	41	55		49.3
WAYNESBURG 1 E	MAX	77	82	87	89	85	81	82	84	82	74	76	86	87	82	79	80	88	83	79	78	75	70	66	62	63	74	78	76	76	74		78.5
	MIN	40	40	45	55	54	55	58	64	58	57	44	50	49	53	40	44	46	51	57	58	55	48	35	48	47	32	32	35	45	50		48.2
WELLSBORO	MAX	72	75	80	83	88	85	83	78	82	80	68	72	85	88	73	70	75	83	84	82	78	62	64	63	56	68	75	78	82	77		76.3
	MIN	35	37	42	45	45	56	59	65	58	51	43	43	48	47	34	35	42	49	57	60	49	34	33	36	35	33	33	33	36	40		43.8
WELLSVILLE	MAX	76	76	80	81	84	80	78	82	88	78	76	85	89	82	75	74	77	87	83	85	79	63	67	58	56	73	77	76	76	69		77.8
	MIN	43	41	48	55	58	59	63	62	60	61	48	49	56	64	41	47	48	58	60	60	59	36	48	55	34	36	35	39	49	58		51.1
WEST CHESTER	MAX	76	78	83	76	85	85	85	87	89	85	80	86	90	81	74	73	77	89	85	83	73	69	69	64	70	74	78	78	79	72		78.5
	MIN	50	48	52	59	62	60	67	64	64	59	54	55	61	61	51	51	49	59	62	63	58	43	44	50	44	43	45	49	51	58		54.5
WILLIAMSPORT 4 E WB AP	MAX	77	79	81	82	85	83	79	79	79	70	76	88	91	77	72	75	82	85	82	80	72	67	64	58	69	75	81	81	76	67		77.1
	MIN	46	44	52	60	61	64	67	66	60	52	51	49	56	47	42	48	49	58	61	63	45	40	38	48	45	39	39	40	44	54		50.9
WILLIAMSTOWN	MAX	77	79	81	78		83	81	82	88	72	76	85	89	88	76	73	79	86	81	81	79	68	68	63	69	76	79	79	78	70		78.1
	MIN	45	41	50	57		58	60	64	62	60	49	49	56	62	43	48	48	57	60	60	56	35	35	52	44	35	35	39	43	58		50.4
YORK 3 SW PUMPING STATION	MAX	81	80	84	84	89	87	82	87	93	85	79	87	92	91	85	77	80	89	87	88	85	70	71	67	70	77	81	83	78	71		82.0
	MIN	43	44	51	57	60	60	66	65	62	63	51	53	58	61	43	49	52	61	64	62	57	40	37	50	35	37	37	40	41	60		52.0

See reference notes following Station Index.

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

PENNSYLVANIA

SEPTEMBER 1948

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	DEPARTURE FROM NORMAL
CONFLUENCE 1 SW	EVAP	.149	.160	.123	.145	.109	.175	.073	.130	.105	.144	.094	.116	.168	.155	.218	.137	.116	.128	.109	.077	.050	.009	.074	.111	.048	.064	.106	.116	.095	.047		3.351	
	WIND	61	18	24	16	26	46	54	33	29	45	62	15	16	39	39	32	19	12	MM	43	MM	12	31	45	17	35	21	30	30	34		980	
FORD CITY 4 S	EVAP	.227	.152	.144	.113	.158	.180	.098	.137	.115	.108	.094	.114	.168	.181	.214	.127	.116	.237	.146		.098	.028	.088	.106	.098	.071	.139	.130	.126	.079		3.793	
	WIND	67	16	8	7	12	21	36	30	22	23	M	33	24	15	52	5	M	14	31	34	25	25	23	43	63	19	21	13	25	15		MM	
HAWLEY 1 S WALLEN DAM	EVAP	.223	.201	.157	.166	.129	.144	.161	.083	.065	.152	.119	.066	.173	.234	.236	.171	.138	.141	.167	.103	.046	.127	.110	.068	.096	.244	.017	.118	.125	.113		4.093	
	WIND	MM	22	38	33	41	24	33	35	29	55	20	61	70	59	64	44	27	MM	142	36	49	63	49	20	43	15	28	17	18	23		1350	
JAMESTOWN 2 NW	EVAP	.201	.102	.085	.088	.140	.104	.116	.088	.108	.087	.073	.084	.150	.124	.174	.072	.081	.128	.148		.071	.072	.074	.046	.054	.086	.128	.140	.086	.016		2.926	
	WIND	9	70	18	15	33	19	59	34	23	21	25	33	15	29	33	17	16	36	31	28	42	36	51	57	41	MM	37	29	MM	55		975	
NEFFS MILLS 4 NE	EVAP	.182	.140	.126	.164	.126	.142	.084	.074	.136	.068	000	.116	.082	.188	.108	.138	.208	.022	.230	.084	.126			.128	.010	.168	.036	.216	.084	.038		3.314	
	WIND	8	11	M	8	4	4	9	14	6	11	3	7	10	21	18	M	5	6	9	7	20	M	15	26	24	M	12	2	M	1		281	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	HIGHEST (OR CREST)	DATE	LOWEST	DATE
LEHIGH																																				
LEHIGHTON	9	2.6	2.5	2.4	2.3	2.5	2.5	2.4	2.6	2.6	2.6	2.8	2.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.5	2.5	2.4	2.4	2.4	2.4		2.8	11	2.3	4
SCHUYLKILL																																				
READING	13	3.6	3.4	3.7	3.5	3.7	3 8	3.6	3.6	3.8	4.7	4.3	3.9	3.6	3.6	3.1	3.0	3.5	3.5	3.5	3.5	3.4	3 4	3.4	3.3	3.3	3.3	3.3	3.3	3.2	3.3		4.7	10	3.0	16
PHILADELPHIA		6.0	6.0	5.9	5.9	5.9	6.0	6.0	5.9	5.9	6.6	6.5	6.2	6.1	6.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5 9	5.8	5.8	5.8	5.8		6.8	10	5.8	25
DELAWARE																																				
EASTON	22	1.0	1.1	1.0	1.0	0.9	0.6	0.4	0.4	0.6	1.2	1.2	1.1	0.6	0.4	0.4	0.4	0.8	0.8	0.8	0.6	0.6	0.6	0.8	0.9	0.9	0.9	0.9	0.4	0.3	0.5		1.2	10	0.3	29
WEST BRANCH																																				
RENOVO	16	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.4	0.4	0.3	0.2	0.1	0.0	0.0	-0.1	-0.1	-0 1	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1	-0.1	-0.2	-0.2	-0.2		0.4	10	-0.2	28
WILLIAMSPORT	20	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0 3	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0 1	0.1	0 1	0.1	0.1		0.4	11	0.1	19
PINE CREEK																																				
CEDAR RUN	12	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1 8	1.8	1.8	1 7	1.7	1.7	1.7	1.7	1.7	1.7		1.8	14	1.7	15
JUNIATA																																				
NEWPORT	22	3.1	3.2	3.3	3.3	3.3	3.1	3.1	3.1	3.1	3.4	3.5	3.3	3.4	3.3	3 3	3.3	3.2	3.2	3.2	3.1	3.0	3.0	3.2	3.3	3.2	3.2	3 2	3.0	3.1	3.3		3 5	11	3.0	21
SUSQUEHANNA																																				
TOWANDA	16	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3		0.7	1	0.3	27
SUNBURY	16	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6		1.0	1	0.6	18
WILKES-BARRE	22	1.8	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.2	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.1	1.0	1.0	1.0		1.8	1	1.0	28
HARRISBURG	17	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9		3.1	14	2.9	21
CONEMAUGH																																				
SEWARD	18	2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.7	2.7		2.7	14	2.6	6
ALLEGHENY																																				
WARREN	14	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.5	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.6	1.5	1.4	1.3	1.2	1.3	1.2	1.3		1.7	14	1.2	20
FRANKLIN	17	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2 2	2.1	2.1	2.0	2.0	2.0	2.1		2.3	1	2 0	16
PARKERS LANDING	20	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.3	1.4	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.3	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.0	1.2		1.4	14	1.0	18
LOCK NO 5 SCHENLEY L	24	11.6	11.7	11.6	11.6	11.5	11.5	11.5	11.5	11.6	11.7	11.7	11.7	11.6	11.5	11.4	11.4	11.3	11.3	11.4	11.4	11.4	11.6	11.5	11.5	11.4	11.4	11.4	11.4	11.4	11.4		11.7	24	11.3	17
LOCK NO 5 SCHENLEY U	24	11.1	11.2	11.1	11.0	11.0	11.0	11.0	11.0	11.1	11.1	11.1	11.1	11.0	11.0	11.0	10.9	10.9	10.9	10.9	10.9	10.9	11.1	11 0	11.0	11.0	11 0	10.9	11.0	11.0	11.0		11.2	2	10.9	16
LOCK NO 8 MOSGROVE L	24	11.1	11.1	11.0	11.0	11.0	11.0	11.0	11.1	11.2	11.1	11.1	11.0	11.0	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	10.9	10 9	10.9	10.9	10.9	10.9	10.9		11.2	9	10.9	14
LOCK NO 8 MOSGROVE U	24	14.5	14.4	14.4	14.4	14.4	14.4	14.3	14.4	14.6	14.5	14.5	14.4	14.4	14.4	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.5	14.4	14.3	14.3	14.3	14.3	14.3	14.3	14.3		14.6	9	14.3	7
LOCK NO 4 NATRONA L	24	10.5	10.5	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.5	10.4	10.4	10.4	10.4	10.4	10.3	10.3	10.3		10.6	9	10.3	15
LOCK NO 4 NATRONA U	24	9.4	9.4	9.3	9.3	9.3	9.3	9.3	9.2	9.2	9.5	9.4	9.4	9.3	9.2	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.3	9.4	9.3	9.2	9.2	9.2	9.1	9.1	9.1		9.5	9	9.1	15
LOCK NO 3 ACMETONIA L	25	12.9	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.8	12.8	12.7	12.7	12.7	12.7	12.7	12.7		12.9	1	12.7	16
LOCK NO 3 ACMETONIA U	25	12.5	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.5	12.5	12.5	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.5	12.5	12.4	12.4	12.4	12.4	12.4	12.4		12.5	24	12.4	1
KISKIMINETAS																																				
SALTSBURG	16	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9		1.2	9	0.9	16
VANDERGRIFT		3.6	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.7	3.6	3.5	3.4	3.4	3.4	3.3	3.2	3.3	3.3	3.3	3.3	3.4	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.3		3.7	10	3.2	17
YOUGHIOGHENY																																				
CONFLUENCE	12	2.5	2.6	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.7	2.7	2.4	2.3	2.3	2.3	2.3	2.2	2.4		2.7	22	2.2	29
SUTERSVILLE	20	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.8	3.8	3.7	3.5	3.4	3.4	3.4	3.4	3.4		4.0	23	3.4	26
CONNELLSVILLE	16	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.7	2.7	2.4	2.2	2.2	2.1	2.1	2.1	2.2		2.7	22	2.1	27
MONONGAHELA																																				
LOCK NO 4 CHARLEROI L	30	11.4	11.1	11.0	11.1	11.0	11.0	10.8	11.1	11.0	11.0	11.0	11.3	11.3	11.6	11.3	11.3	16.3	11.2	11.1	11.2	12.1	12.6	13.7	14.2	13 5	12.5	12.1	12.3	12.2	12.2		16.3	17	10.8	7
LOCK NO 4 CHARLEROI U	30	14.8	14.7	14.7	14.8	14.7	14.5	14.5	14.8	14.6	14.6	14.6	15.2	15.0	15.0	14.9	14.9	14.9	15.0	14.8	14.9	15.7	15 9	17.0	16.9	16 5	15.8	15 5	15.7	15.6	15.7		17.0	23	14.5	6
LOCK NO 7 GREENSBORO L	30	10.6	10.6	10.6	10.6	10.4	10.4	10.4	10.6	10.6	10.6	10.6	11.0	10.9	10.6	10.9	10.9	10.9	10.9	10.6	11.4	11.9	11.6	14.1	12 7	12.1	11.9	11.7	11.7	11.7	11.6		14.1	23	10.4	5
LOCK NO 7 GREENSBORO U	30	11.2	11.2	11.2	11.2	11.2	11.0	11 0	11.2	11.2	11.2	11.2	11.2	11.3	11.1	11.4	11.4	11.4	11.4	11.2	12.2	12.1	11.9	13.5	12 6	12.3	12.2	12.1	12.1	12.0	11.9		13.5	23	11.0	6
MC KEESPORT	12	1.6	1.6	2.6	2.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.6	4.0	4.5	4.0	3.6	3.3	3.3	3.3	3 3		4.5	24	1.6	1
OHIO																																				
CORAOPOLIS	26	9.7	9.7	9.6	9.6	9.6	9.6	9.6	9.6	9.8	9.8	9.7	9.7	9.8	9.7	9.7	9.7	9.7	9.7	9.8	9.6	10.0	10.3	10.3	10.8	10 4	10.1	10.0	10.0	10.0	10.1		10.8	24	9.6	3
PITTSBURGH	25	16.8	16.8	16.9	16.8	16.8	16.8	16.7	16.8	16.8	16.8	16.7	16.7	16.8	16.8	16.7	16.9	16.8	16.8	16.8	16.6	16.8	16 7	16.8	16.6	16 7	16.7	16.8	16.8	16.8	16.6		16.9	3	16.6	20
MIDLAND DAM NO 7 L	30	9.2	9.4	9.2	9.4	9.4	9.4	9.2	9.4	9.8	9.2	9.6	9.4	9.8	9.5	9.6	9.3	9.4	9.2	9.5	9.3	9.5	9.8	9.6	10.4	9.8	9.7	9.4	9.5	9.5	9.5		10.4	24	9.2	1
MIDLAND DAM NO 7 U	30	15.4	15.7	15.6	15.7	15.7	15.6	15.6	15.7	15.7	15.6	15.6	15.4	15.7	15.7	15.6	15.7	15.5	15.5	15.6	15.4	15.6	15.5	15.5	15.4	15.6	15.5	15.5	15.6	15.7	15.5		15.7	2	15.4	1

The following reference notes apply only to Table 7 - Daily River Stages:

Readings are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages-Principal Rivers of the United States".

a Obstructed by rough ice.
b Frozen but open at gage.
c Upper surface of smooth ice.
d Ice gorge above gage.
e Ice gorge below gage.
f Shore ice.
g Floating ice.
h Pool stage.
i Dry at gage.
j Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
ACMETONIA LOCK 3 LOWER	0022	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST		7A		44		U S E P B G	3 7
ACMETONIA LOCK 3 UPPER	0023	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST						U S E P B G	7
ALBION	0062	ERIE	LAKE ERIE	41 53	80 22	900	EST	7A	7A	4	4		ALBION HIGH SCHOOL	2 3 4 5
ALLENS MILLS	0095	JEFFERSON	ALLEGHENY	41 12	78 54	1590	EST		MID		10		CHARLES H ALLEN	3 4
ALLENTOWN WB AIRPORT	0106	LEHIGH	LEHIGH	40 39	75 26	381	EST	MID	MID	10	8		U S WEATHER BUREAU	2 3 4 5
ALLENTOWN GAS CO	0111	LEHIGH	LEHIGH	40 36	75 28	254	EST	7A	7A	27	37		ALLENTOWN-BETH GAS CO	2 3 5
ALTOONA HORSESHOE CURVE	0134	BLAIR	JUNIATA	40 30	78 29	1500	EST	6P	6P	53	64		ALTOONA WATER BUREAU	2 3 5
ARENDTSVILLE	0229	ADAMS	SUSQUEHANNA	39 55	77 18	710	EST	8A	8A	26	26		PA STATE COLL EXP STA	2 3 5
AUSTINBURG 2 MI W	0313	TIOGA	CHEMUNG	42 00	77 32	1590	EST		MID		12		U S E BALTO MD	3 4
AVOCA WILKES-BARRE SCRANTON AP	0319	LUZERNE	SUSQUEHANNA	41 21	75 43	950	EST	MID	MID	1	1		CIVIL AERO ADM	2 3 5
BAKERSTOWN 4 MI WNW	0355	ALLEGHENY	ALLEGHENY	40 40	80 00	1200	EST	7A	7A	1	1		A H BURKE	3
BARNES	0409	WARREN	ALLEGHENY	41 40	79 01	1310	EST		7A		8		U S E P B G	3
BEAR GAP	0457	NORTHUMBERLAND	SUSQUEHANNA	40 50	76 30	843	EST		MID		3		ROARING CREEK WTR CO	3
BEAVER FALLS	0475	BEAVER	BEAVER	40 46	80 19	760	EST		7A		40		HOWARD J KEMP	3 7
BEAVERTOWN	0482	SNYDER		40 45	77 10	640	EST	5P	5P				JAMES F KEEN	2 3 5
BELLEFONTE ROCKVIEW FARM	0530	CENTRE	WEST BRANCH	40 52	77 47	1060	EST	8A	8A	20	32		WESTERN STATE PEN'TRY	2 3 5
BERWICK	0611	COLUMBIA	SUSQUEHANNA	41 03	76 14	570	EST	6P	6P	3	3		AMER CAR & FOUNDRY CO	2 3 5
BETHLEHEM RIVER STATION	0629	NORTHAMPTON	LEHIGH	40 37	75 22	390	EST		7A	8	8		BETHLEHEM STEEL CORP	3
BETHLEHEM LEHIGH UNIV	0634	NORTHAMPTON	LEHIGH	40 36	75 23	450	EST	MID	MID	47	64		LEHIGH UNIVERSITY	2 3 4 5
BLAIN	0725	PERRY	SUSQUEHANNA	40 20	77 31	720	EST		MID		11		PENNA DEPT F & W	3 4
BLAIRSVILLE 6 MI ENE	0736	INDIANA	ALLEGHENY	40 27	79 09	2048	EST	MID	MID	3	12		U S WEATHER BUREAU	2 3 4 5
BLAKESLEE CORNERS	0743	MONROE	LEHIGH	41 06	75 36	1670	EST		MID		11		HAROLD WILDRICK	3 4
BLOSERVILLE 1 MI N	0763	CUMBERLAND	SUSQUEHANNA	40 16	77 22	650	EST		5P		36		MRS B M WILLDERS	3
BOSWELL	0820	SOMERSET	ALLEGHENY	40 11	79 08	2684	EST		MID		11		FRANK J HOUPT	3 4
BRADDOCK LOCK 2	0861	ALLEGHENY	MONONGAHELA	40 24	79 52	725	EST		7A		14		U S E P B G	3
BRADFORD CITY HALL	0867	MC KEAN	ALLEGHENY	41 58	78 39	1500	EST		8A	22	1		BRADFORD DIS FLD COM	3
BRADFORD 4 MI W RESERVOIR 1	0868	MC KEAN	ALLEGHENY	41 57	78 44	1680	EST	4P	4P		31		BRADFORD WATER DEPT	2 3 5
BRADFORD 5 S	0869	MC KEAN					EST		11A				GEORGE STRAND	3
BREEZEWOOD	0905	BEDFORD	JUNIATA	40 00	78 14	1352	EST	MID	MID	7	7		PA TURNPIKE COMM	3
BROOKVILLE AIRPORT	1002	JEFFERSON	ALLEGHENY	41 09	79 06	1407	EST	MID	MID	36	57		CIVIL AERO ADM	2 3 4 5
BRUCETON	1033	ALLEGHENY	OHIO	40 19	79 59	1000	EST		7A		13		RAY WILSON	3
BUCKSTOWN	1073	SOMERSET	CONEMAUGH	40 04	78 51	2480	EST		MID		11		RUSSELL L LAMBERT	3 4
BUFFALO MILLS	1087	BEDFORD	JUNIATA	39 58	78 39	1318	EST		7A		24		NELLIE R BROWN	3
BURGETTSTOWN 3 MI W	1105	WASHINGTON	OHIO	40 23	80 26	980	EST	7A	7A	1	1		LANGLOTH WATER CO	3
BURNT CABINS 2 MI NE	1115	HUNTINGDON	JUNIATA	40 05	77 52	990	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3 5
BUTLER	1130	BUTLER	BEAVER	40 52	79 54	1100	EST	4P	4P	25	35		BUTLER EAGLE	2 3 5
BUTLER SUBSTATION	1135	BUTLER	BEAVER	40 51	79 53	1140	EST		MID		11		WEST PENN POWER CO	3 4
CAMP HILL	1198	CUMBERLAND	SUSQUEHANNA	40 15	76 56	461	EST		8A		3		JOSEPH N HOBART	3
CANTON 1 MI NW	1215	BRADFORD	SUSQUEHANNA	41 40	76 52	1450	EST	8A	8A	5	5		MILDRED L SPENCER	2 3 4 5
CARLISLE	1234	CARLISLE	SUSQUEHANNA	40 12	77 11	473	EST	6P	6P	80	60		PROF CHAS E MILLER	2 3 5
CARROLLTOWN	1255	CAMBRIA	WEST BRANCH	40 36	78 42	2165	EST		7A		5		NED R WESTRICK	3
CARTER CAMP	1262	POTTER	WEST BRANCH	41 38	77 45		EST		MID		10		IRVING E GRESSEL	3 4
CEDAR RUN	1301	LYCOMING	WEST BRANCH	41 31	77 28	800	EST		7A		30		CHARLES R NIVISON	3 7
CHADDS FORD	1342	DELAWARE	DELAWARE	39 52	75 35	180	EST		8A		3		HERBERT W GUEST	3
CHAMBERSBURG	1354	FRANKLIN	POTOMAC	39 56	77 39	640	EST	8P	10P	48	53		CHARLES A BENDER	2 3 4 5
CHARLEROI	1372	WASHINGTON	MONONGAHELA	40 08	79 55	1040	EST		MID		11		WEST PENN POWER CO	3 4
CHARLEROI LOCK 4 LOWER	1377	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST		7A		63		U S E P B G	3 7
CHARLEROI LOCK 4 UPPER	1378	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST						U S E P B G	7
CLARION 3 MI SW	1485	CLARION	ALLEGHENY	41 12	79 26	1114	EST	8P	7A	6	41		PA ELECTRIC CO	2 3 4 5
CLAUSSVILLE	1505	LEHIGH	LEHIGH	40 37	75 39	670	EST		9A		3		VERNA A DOTTERER	3
CLAYSVILLE	1512	WASHINGTON	OHIO	40 07	80 25	1170	EST	7P	7P	45	45		WALTER B PAGET	2 3 5
CLEARFIELD	1519	CLEARFIELD	WEST BRANCH	41 01	78 27	1140	EST		7A	32	40		WILLIAM H WITHEROW	3
COALDALE GREENWOOD RESERVOIR	1572	SCHUYLKILL	SCHUYLKILL	40 50	75 56	1026	EST		7A		26		PANTHER VALLEY WTR CO	3
COALPORT	1581	CLEARFIELD	WEST BRANCH	40 45	78 32	1480	EST		7A		4		ADAM I NEFF	2 3 4 5
COATESVILLE 1 MI SW	1589	CHESTER	DELAWARE	39 58	75 50	342	EST	8A	8A	61	61		PHILA ELECTRIC CO	2 3 4 5
COATESVILLE	1594	CHESTER	DELAWARE	39 59	75 48	431	EST		7A		2		EDWARD O BEIDEMAN	3
COGAN STATION 2 MI N	1631	LYCOMING		41 21	77 05	650	EST		10A				WILLIAM R WOLFE	3
COLUMBIA	1675	LANCASTER	SUSQUEHANNA	40 02	76 30	300	EST	ss	ss	6	6		JAMES H RUST	2 3 5
CONFLUENCE 1 MI SW	1705	SOMERSET	YOUGHIOGHENY	39 48	79 22	1490	EST	8A	8A	3	3		U S E P B G	3 4 6
CONFLUENCE 1 MI NW	1710	SOMERSET	YOUGHIOGHENY	39 50	79 22	1331	EST		7A		74		JOHN L REID	3 7
CONNELLSVILLE	1723	FAYETTE	MONONGAHELA	40 01	79 36	990	EST		7A		10		EMERY C STEWART	5 7
CONNELLSVILLE 4 MI N	1728	FAYETTE	MONONGAHELA	40 04	79 34	1145	EST		MID		11		GEORGE BAER	3 4
CONSHOHOCKEN	1737	MONTGOMERY	DELAWARE	40 04	75 19	70	EST		8A		25		PHILA ELECTRIC CO	3
CORAOPOLIS DAM 2	1773	ALLEGHENY	OHIO	40 31	80 10	720	EST		7A		40		U S E P B G	3 7
CORRY	1790	ERIE	ALLEGHENY	41 55	79 38	1427	EST	6P	6P	33	33		GEORGE P MULDERICK	2 3 5
COUDERSPORT	1804	POTTER	ALLEGHENY	41 46	78 01	1653	EST	5P	5P	18	23		POTTER ENTERPRISE	2 3 5
COUDERSPORT 8 MI E	1809	POTTER	ALLEGHENY	41 46	77 53	2425	EST		8A		2		ROBERT B KEITH	3
COVINGTON	1832	TIOGA	SUSQUEHANNA	41 45	77 05	1193	EST		7A		10		GROVER D CLEVELAND	3
CREEKSIDE	1881	INDIANA	ALLEGHENY	40 41	79 12	1035	EST		7A		8		U S E P B G	3
CRESSON 1 MI E SUMMIT	1894	CAMBRIA	WEST BRANCH	40 28	78 34	2300	EST		MID		11		PENNA EDISON CO	3
CURWENSVILLE 6 MI NW AIRPORT	1966	CLEARFIELD	WEST BRANCH	41 03	78 35	2215	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4 5
CUSTER CITY 2 MI W SONGBIRD	1978	MC KEAN	ALLEGHENY	41 55	78 41	2120	EST		8A		1		BRADFORD DIS FLD COM	3
DANVILLE	2013	MONTOUR	SUSQUEHANNA	40 58	76 37	460	EST		7A		8		JAMES A BRYAN	3
DAUPHIN 3 MI N	2022	DAUPHIN	SUSQUEHANNA	40 25	76 56	1300	EST		7A		8		JOHN HEPFORD	3
DERRY	2108	WESTMORELAND	CONEMAUGH	40 20	79 18	1150	EST	6P	6P	51	51		MRS N D WINEMAN	2 3 5
DINGMANS FERRY	2160	PIKE	DELAWARE	41 13	74 52	360	EST		7A		11		A JORGENSON	3 4
DONEGAL	2183	WESTMORELAND	CONEMAUGH	40 06	79 23	1746	EST	MID	MID	5	5		PENNA TURNPIKE COMM	2 3 5
DONORA	2190	WASHINGTON	MONONGAHELA	40 11	79 51	761	EST	MID	MID	22	22		DONORA ZINC WORKS	2 3 5
DOYLESTOWN	2221	BUCKS	DELAWARE	40 18	75 08	370	EST		5P		58		GEORGE HART	3
DRIFTWOOD	2245	CAMERON	WEST BRANCH	41 20	78 08	820	EST		MID		11		SIDNEY KENNEDY	3 4
DU BOIS 7 MI E	2265	CLEARFIELD	WEST BRANCH	41 06	78 38	1670	EST		7A		11		CITY OF DU BOIS	3 4
DUNLO	2298	CAMBRIA	CONEMAUGH	40 17	78 44	2440	EST		MID		11		MRS D L WHITE	3 4
DUSHORE	2323	SULLIVAN	WEST BRANCH	41 32	76 24		EST		MID		11		KENNETH MOSIER	3 4
EAGLES MERE	2343	SULLIVAN	SUSQUEHANNA	41 24	76 35	2020	EST	7A	7A	6	12		CARL E BIGGER	2 3 4 5
EASTON	2423	NORTHAMPTON	DELAWARE	40 42	75 12									7

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
EAST WATERFORD 3 MI E	2459	PERRY	JUNIATA	40 21	77 33	2125	EST	8P	7A	5	12		U S WEATHER BUREAU	2 3 5
EBENSBURG	2466	CAMBRIA	CONEMAUGH	40 29	78 44	2170	EST	8A	8A	31	31		JOHN L MC GOUGH	2 3 5
ELIZABETHTOWN	2560	LANCASTER	SUSQUEHANNA	40 08	76 37	460	EST		8A		3		MASONIC HOME	3
EMPORIUM	2633	CAMERON	WEST BRANCH	41 30	78 13	1100	EST	8A	8A	60	60		RUSSEL E PALMETEER	2 3 4 5
ENGLISH CENTER	2644	LYCOMING	WEST BRANCH	41 26	77 17	881	EST		MID		9		WILLIAM SUDERS	3 4
EPHRATA	2662	LANCASTER	SUSQUEHANNA	40 10	76 10	470	EST	8A	6P	46	55		WM W HALLIGAN	2 3 5
EQUINUNK	2669	WAYNE	DELAWARE	41 51	75 13	920	EST		7A		3		ROSE H NEILSON	3
ERIE WB CITY	2677	ERIE	LAKE ERIE	42 07	80 05	655	EST	MID	MID	74	74		U S WEATHER BUREAU	2 3 4 5
ERIE AIRPORT	2682	ERIE	LAKE ERIE	42 05	80 12	732	EST	MID	MID	4	4		CIVIL AERO ADM	3 4
EVERETT	2721	BEDFORD	JUNIATA	40 00	78 23	1020	EST	MID	7A	28	28		PENNA TURNPIKE COMM	2 3 4 5
FARRELL SHARON	2814	MERCER	BEAVER	41 14	80 30	855	EST	5P	8A	36	37		CARNEGIE ILL STL CORP	2 3 5
FORD CITY 4 MI S	2942	ARMSTRONG	ALLEGHENY	40 43	79 30	950	EST	8A	8A	5	5	3	U S E P B G	2 3 4 5 6
FRANKLIN	3028	VENANGO	ALLEGHENY	41 23	79 49	987	EST	7A	7A	54	75		WM K FULLER	2 3 4 5 7
FREDERICKSVILLE 1 MI SE	3047	BERKS	SCHUYLKILL	40 27	75 41	800	EST	ss	8A	6	11		HENRY H ROHRBACK	2 3 5
FREELAND	3056	LUZERNE	SUSQUEHANNA	41 01	75 54	1970	EST	5P	8A	54	34		ANDREW B EVANSHA	2 3 5
GALETON	3130	POTTER	WEST BRANCH	41 44	77 39	1330	EST		6P		18		W GALE LUSH	3
GEIGERTOWN	3189	BERKS	SCHUYLKILL	40 12	75 50	380	EST		8A		3		WALTER C WOLF	3
GEORGE SCHOOL	3200	BUCKS	DELAWARE	40 13	74 56	160	EST	7P	7P	42	42		GEO M HART	2 3 5
GETTYSBURG	3218	ADAMS	POTOMAC	39 50	77 14	500	EST	8A	8A	72	74		HUGH C MC ILHENNY	2 3 5
GETTYSBURG 1 MI S	3223	ADAMS	POTOMAC	39 48	77 14	570	EST		MID		11		NATL MILITARY PARK	3 4
GIFFORD	3237	MC KEAN	ALLEGHENY	41 51	78 36	2220	EST		8A		1		BRADFORD DIS FLD C[illegible]	3
GLENCOE	3298	SOMERSET	POTOMAC	39 49	78 51	1620	EST		8A		11		C E SANDERS	3 4
GLEN ROCK	3330	YORK	SUSQUEHANNA	39 48	76 44	620	EST		MID		7		MRS E C MC WILLIAMS	3 4
GLEN WILLARD DASHIELDS DAM	3343	ALLEGHENY	OHIO	40 33	80 14	1025	EST		7A		4		WM H MC CONNELL	3
GOOD SPRINGS 1 MI W	3372	SCHUYLKILL	SUSQUEHANNA	40 38	76 30	1500	EST		MID		11		PA POWER & LIGHT CO	3 4
GORDON	3379	SCHUYLKILL	SUSQUEHANNA	40 45	76 20	900	EST	5P	5P	45	45		MRS S M JOHNSON	2 3 5
GOULDSBORO	3394	WAYNE	LEHIGH	41 15	75 27	1850	EST		7A	17	33		L H KLLENBERGER	3
GRANTVILLE 2 MI SW	3422	DAUPHIN	SUSQUEHANNA	40 22	76 41	520	EST		ss		11		EDW N RHOADS	3
GRATERFORD	3435	MONTGOMERY	SCHUYLKILL	40 14	75 27	160	EST		7A		33		CLAUDE K KULP	3
GREENSBORO LOCK NO 7 LOWER	3503	GREENE	MONONGAHELA	39 47	79 55	808	EST		7A		67		U S E P B G	3 7
GREENSBORO LOCK NO 7 UPPER	3504	GREENE	MONONGAHELA	39 47	79 55	808	EST						HARRY MAPLE	7
GREENSBORO 2 MI S FILTER STA	3510	WESTMORELAND	MONONGAHELA	40 16	79 33	977	EST	6P	6P	41	41		WESTMORELAND WATER CO	2 3 5
GREENSBURG 2 MI E HWY SHED	3515	WESTMORELAND	MONONGAHELA	40 18	79 30	1225	EST		MID		10		PENNA DEPT HIGHWAYS	3 4
GREENSBURG 3 MI SE UNITY RES	3516	WESTMORELAND	MONONGAHELA	40 17	79 30	1245	EST		6P	35	40		WESTMORELAND WATER CO	3
GREENVILLE	3526	MERCER	BEAVER	41 25	80 23	930	EST	8P	8P	50	50		C EARL MILLER	2 3 5
HANOVER	3662	YORK	SUSQUEHANNA	39 48	76 59	600	EST	8A	8A	45	45		HANOVER EVENING SUN	2 3 5
HARRISBURG 3 MI S WB AIRPORT	3699	YORK	SUSQUEHANNA	40 13	76 51	335	EST	MID	MID	60	60		U S WEATHER BUREAU	2 3 4 5 7
HARRISBURG NORTH	3704	DAUPHIN	SUSQUEHANNA	40 16	76 53	350	EST		8A		31		GEO S BEAL	3
HAWLEY	3758	WAYNE	DELAWARE	41 29	75 10	980	EST	8P	8A	30	39		MRS D M PENNELL	2 3 5
HAWLEY 1 MI S WALLEN DAM	3859	WAYNE	DELAWARE	41 28	75 11	1180	EST	8A	8A	13	17	13	PA POWER & LIGHT CO	2 3 4 5 6
HEWITT 2 MI S	3897	BEDFORD	POTOMAC	39 44	78 32	840	EST	ss	ss	4	8		MISS M E ROLAND	2 3 4 5
HOLLIDAYSBURG	4001	BLAIR	JUNIATA	40 26	78 24	1000	EST		MID		11		JOHN M RINGLER	3 4
HOLLISTERVILLE	4008	WAYNE	DELAWARE	41 23	75 26	1360	EST		8A		21		PA POWER & LIGHT CO	3
HOLTWOOD	4019	LANCASTER	SUSQUEHANNA	39 50	76 20	200	EST	MID	8A	29	34		PA WATER & POWER CO	2 3 4 5
HOME	4027	INDIANA	ALLEGHENY	40 45	79 06	1260	EST		MID		11		H J MC ELHOES	3 4
HONESDALE 4 MI NW	4043	WAYNE	DELAWARE	41 37	75 19	1445	EST		9A		3		GEO C WILLIAMS	3
HONESDALE 6 MI N TANNERS FLS	4044	WAYNE	DELAWARE	41 39	75 17	1100	EST		MID		7		LESLIE E WALTER	3 4
HOOVERSVILLE	4058	SOMERSET	CONEMAUGH	40 10	78 53	1660	EST		7A		10		PENNA ELECTRIC CO	3
HOP BOTTOM 2 MI S	4066	SUSQUEHANNA	SUSQUEHANNA	41 43	75 43		EST		7A		4		JOSEPH J SANAUSKAS	3
HUNTINGDON	4159	HUNTINGDON	SUSQUEHANNA	40 29	78 01	620	EST	8A	8A	61	61		HUNTINGDON BROADTOP RR	2 3 5
HUNTSDALE	4166	CUMBERLAND	SUSQUEHANNA	40 06	77 19	620	EST		7A		8		T J DINGLE	3 4
HYNDMAN	4190	BEDFORD	POTOMAC	39 49	78 43	900	EST		7A		36		W J EMERICK	3
INDIANA 2 MI SE	4214	INDIANA	CONEMAUGH	40 36	79 07	1102	EST	6P	5P	46	49		CLYMER WATER CO	2 3 4 5
INDIANA	4219	INDIANA	CONEMAUGH	40 37	79 10	1300	EST	5P	5P	10	10		STATE TEACHERS COLL	2 3 5
IRWIN	4276	WESTMORELAND	MONONGAHELA	40 20	79 42	1090	EST	5P	5P	46	52		WESTMORELAND WATER CO	2 3 5
JACKSON SUMMIT	4304	TIOGA	SUSQUEHANNA	41 57	77 01	1700	EST		MID		12		ARCHIE LAIN	3 4
JAMESTOWN 2 MI NW	4325	MERCER	BEAVER	41 30	80 28	1050	EST	8A	8A	7	9	7	PA DEPT FRST & WTRS	2 3 4 5 6
JOHNSTOWN 1	4385	CAMBRIA	CONEMAUGH	40 20	78 55	1214	EST	9A	9A	55	67		JOHNSTOWN TRIBUNE	2 3 5
JOHNSTOWN 2	4390	CAMBRIA	CONEMAUGH	40 19	78 55	1130	EST		MID		10		CITY OF JOHNSTOWN	3 4
JUNIATA HOUSE	4425	HUNTINGDON	JUNIATA	40 22	77 49	560	EST		8P		3		J EARL MC VEY	3
KANE 1 MI NW	4432	MC KEAN	ALLEGHENY	41 41	78 48	1750	EST	MID	MID	5	33		SPRING WATER CO	2 3 5
KANE 5 MI SE	4437	ELK	ALLEGHENY	41 36	78 46	2010	EST		MID		7		U S FOREST SERVICE	3 4
KARTHAUS	4450	CLEARFIELD	WEST BRANCH	41 07	78 07	860	EST		7A		8		MRS E M SHULTZ	3
KIRKWOOD 1 MI SW	4597	LANCASTER	SUSQUEHANNA	39 51	76 05	430	EST		MID		8		SOIL CONSERV SERVICE	3 4
KREGAR 4 MI SE	4667	WESTMORELAND	YOUGHIOGHENY	40 06	79 14	2470	EST		MID		7		PENNA TURNPIKE COMM	3
KRESGEVILLE 3 MI W	4672	CARBON	LEHIGH	40 54	75 34	825	EST		8A		6		CITY OF BETHLEHEM	3
LAFAYETTE MC KEAN PARK	4706	MC KEAN	ALLEGHENY	41 48	78 40	2130	EST		8A		1		BRADFORD DIS FLD COMM	3
LAKEVILLE 1 MI N	4733	WAYNE	DELAWARE	41 27	75 16	1480	EST		8A		21		MRS REVEL JENKINS	3
LAMPETER SCS 1A	4750	LANCASTER	SUSQUEHANNA	39 59	76 14	405	EST		MID		8		SOIL CONSERV SERVICE	3 4
LANCASTER 2 NE PUMP STATION	4758	LANCASTER	SUSQUEHANNA	40 03	76 17	255	EST	5P	5P	47	61		LANCASTER WATER BUR	2 3 5
LANCASTER 2 NE FILTER PLANT	4763	LANCASTER	SUSQUEHANNA	40 03	76 17	270	EST		MID		11		LANCASTER WATER BUR	3
LANCASTER 3 MI NE EXP FARM	4768	LANCASTER	SUSQUEHANNA	40 04	76 17	360	EST	8A	8A	3	3		DR ORMAN E STREET	3
LANSFORD	4804	CARBON	SCHUYLKILL	40 50	75 53	1030	EST		8A		43		LEHIGH NAVIG COAL CO	3
LANSFORD FOREMANS SHOP	4809	CARBON	SCHUYLKILL	40 50	75 53	1040	EST		7A		15		PANTHER VALLEY WTR CO	3
LAYMORE	4832	WESTMORELAND	CONEMAUGH	40 19	79 23	1030	EST		7A		6		WEST PENN POWER CO	3
LAURELTON STATE VILLAGE	4853	UNION	SUSQUEHANNA	40 54	77 13	880	EST		MID		8		PENNA DEPT OF WELFARE	3 4
LAWRENCEVILLE	4873	TIOGA	SUSQUEHANNA	42 00	77 08	998	EST	6P	6P	51	51		CARLOS P DARLING	2 3 5
LEBANON	4891	LEBANON	SUSQUEHANNA	40 20	76 26	469	EST	8A	8A	60	65		LEBANON VALLEY GAS CO	2 3 5
LEBANON 3 MI SW	4896	LEBANON	SUSQUEHANNA	40 19	76 28	490	EST		MID		11		LEBANON COUNTRY CLUB	3 4
LECONTES MILLS 5 NW	4904	CLEARFIELD	WEST BRANCH	41 09	78 20	2320	EST		7A		6		PA DEPT FRST & WTRS	3
LEHIGHTON	4934	CARBON	LEHIGH	40 50	75 43	580	EST		7A		14		GOODWIN DE FREHN	3 4 7
LE ROY	4972	BRADFORD	SUSQUEHANNA	41 40	76 43		EST		6P		12		DIMMIS M BAILEY	3
LEWIS RUN 3 MI S	4984	MC KEAN	ALLEGHENY	41 50	78 39	1700	EST		7A		1		BRADFORD DIS FLD COMM	3
LEWISTOWN	4992	MIFFLIN	JUNIATA	40 35	77 35	480	EST	7A	7A	10	10		AMERICAN VISCOSE CO	3 4
LINESVILLE 6 MI NW PENN LINE	5050	CRAWFORD	BEAVER	41 42	80 31	1015	EST		8A		31		MRS R M CRUMB	3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TEMP.	PRECIP.	YEARS OF RECORD: TEMP.	PRECIP.	EVAP.	OBSERVER	REFER TO TABLES
LOCK HAVEN 1	5104	CLINTON	WEST BRANCH	41 08	77 28	680	EST	7A	7A	57	57		SAMUEL C DICKEY JR	2 3 5
LOCK HAVEN 2	5109	CLINTON	WEST BRANCH	41 08	77 27	620	EST		MID		11		HUGH F PARKER	3 4
LONG POND	5160	MONROE	LEHIGH	41 03	75 30	1860	EST		8A		3		THOMAS MECKES	3
LYCIPPUS 1 MI E	5259	WESTMORELAND	YOUGHIOGHENY	40 14	79 24	1380	EST		5P	53	57		WESTMORELAND WATER CO	3
MAPLE GLEN	5358	MONTGOMERY	DELAWARE	40 11	75 11	370	EST		8A		3		L F SCHEIBNER JR	3
MAPLETON DEPOT	5381	HUNTINGDON	JUNIATA	40 24	77 56	580	EST		7A		10		MRS I S BUCHANAN	3
MARCUS HOOK	5390	DELAWARE	DELAWARE	39 48	75 25	12	EST	8A	8A	22	22		SUN OIL CO	2 3 5
MARIENVILLE	5400	FOREST	ALLEGHENY	41 28	79 07	1780	EST		MID		8		U S FOREST SERVICE	3 4
MARION CENTER 2 MI SE	5408	INDIANA	CONEMAUGH	40 45	79 02	1610	EST		7A		8		U S E P B G	3
MARSHBURG	5435	MC KEAN	ALLEGHENY	41 51	78 46	2120	EST		8A		1		BRADFORD DIS FLD COMM	3
MARTINSBURG	5453	BLAIR	JUNIATA	40 18	78 20	1360	EST		MID		11		BLUE MT CANNERIES	3 4
MARTINSBURG BLAIR CO AIRPORT	5454	BLAIR	JUNIATA	40 19	78 19	1460	EST	MID	MID	6	8		CIVIL AERO ADM	2 3 4 5
MATAMORAS	5470	PIKE	DELAWARE	41 22	74 42	455	EST		8A		44		HARRY BISLAND	3
MAUCH CHUNK 1 MI SW	5479	CARBON	LEHIGH	40 51	75 46	800	EST	4P	4P	56	56		HENRY S HAAK	2 3 5
MAYBURG	5490	FOREST	ALLEGHENY	41 36	79 13	1150	EST		7A		8		OPAL LITTLEFIELD	8
MC CONNELLSBURG	5526	FULTON	POTOMAC	39 56	78 00	910	EST		7A		16		RUTH L ROETTGER	8
MC CONNELLSTOWN 4 MI NW	5534	HUNTINGDON	JUNIATA	40 30	78 08	2340	EST		7A		8		PA DEPT FRST & WTRS	3
MC KEESPORT	5573	ALLEGHENY	ALLEGHENY	40 21	79 52	800	EST		7A		20		NATL TUBE CO	3 7
MEADOW RUN PONDS	5601	LUZERNE		41 13	75 40	2000	EST		MID				JOSEPH L HART	3 4
MEADVILLE 1 MI S	5606	CRAWFORD	ALLEGHENY	41 37	80 10	1065	EST	8A	8A	54	55		CITY OF MEADVILLE	2 3 4 5
MEDIX RUN	5627	ELK	WEST BRANCH	41 17	78 23	1125	EST		MID		7		MRS E M SNYDER	3 4
MERCER 5 MI NE WB AIRPORT	5649	MERCER	BEAVER	41 17	80 12	1296	EST	MID	MID	9	9		U S WEATHER BUREAU	2 3 4 5
MERCER HIGHWAY SHED	5654	MERCER	BEAVER	41 14	80 15	1240	EST		MID		9		PENNA DEPT HIGHWAYS	3 4
MERCERSBURG	5662	FRANKLIN	POTOMAC	39 50	77 54	605	EST		8A				ROLLIN P GILBERT	3
MERWINSBURG	5676	NORTHAMPTON		40 57	75 27	840	EST		MID				ROBERT G GOULD	3 4
MEYERSDALE	5684	SOMERSET	YOUGHIOGHENY	39 49	79 02	1980	EST		8A		10		LOUIS M WELD	3
MIDDLETOWN OLMSTED FIELD	5703	DAUPHIN	SUSQUEHANNA	40 11	76 46	303	EST	MID	MID	18	18		U S AIR FORCE	2 3 5
MIDLAND DAM NO 7 LOWER	5710	BEAVER	OHIO	40 38	80 28	780	EST	11P	7A	11	12		PERRY P CAMPBELL	2 3 5 7
MIDLAND DAM NO 7 UPPER	5711	BEAVER	OHIO	40 38	80 28	780	EST						PERRY P CAMPBELL	7
MILAN	5731	BRADFORD	SUSQUEHANNA	41 55	76 32	820	EST		MID		11		W S ROBERTS	3 4
MILANVILLE	5738	WAYNE	DELAWARE	41 40	75 04	750	EST		8A		3		CHAS W DAVIS	3
MILLERSBURG 2 MI E	5775	DAUPHIN	SUSQUEHANNA	40 32	76 56	545	EST		MID		11		WM H NOVINGER	3 4
MILLVILLE	5816	COLUMBIA	SUSQUEHANNA	41 08	76 32	820	EST		MID		11		RUSSELL SHEPLEY	3 4
MILROY	5825	MIFFLIN	JUNIATA	40 43	77 35	770	EST		8A		6		DAVID S NACE	3
MONROE FURNACE	5884	HUNTINGDON	JUNIATA	40 42	77 54	1200	EST		MID		7		PENNA STATE COLLEGE	3 4
MONROETON 2 MI S	5889	BRADFORD	SUSQUEHANNA	41 42	76 28	2200	EST		7A		8		PA DEPT FRST & WATERS	8
MONTROSE 3 MI E HIGHWAY SHED	5915	SUSQUEHANNA	SUSQUEHANNA	41 50	75 49	1175	EST	8A	8A	43	43		HARRY S FANCHER	2 3 5
MONTROSE	5920	SUSQUEHANNA	SUSQUEHANNA	41 50	75 52		EST		MID		11		CONSUMERS WATER CO	3 4
MOSGROVE LOCK 8 LOWER	5987	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST		7A		24		U S E P B G	8 7
MOSGROVE LOCK 8 UPPER	5988	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST						U S E P B G	7
MOUNT POCONO 2 MI N WB AP	6055	MONROE	DELAWARE	41 08	75 22	1914	EST	MID	MID	41	43		U S WEATHER BUREAU	2 3 4 5
MOUNT UNION 1 MI NW	6067	MIFFLIN	JUNIATA	40 24	77 53	800	EST		MID		11		MT UNION WATER WORKS	3 4
MURRYSVILLE	6111	WESTMORELAND	MONONGAHELA	40 26	79 42	903	EST		MID		8		WM MC WILLIAMS	3 4
MYERSTOWN	6126	LEBANON	SCHUYLKILL	40 23	76 18	520	EST		8A		8		JOHN W WANDELL	3
NATRONA LOCK NO 4 LOWER	6151	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST		7A		21		U S E P B G	3 7
NATRONA LOCK NO 4 UPPER	6152	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST						U S E P B G	7
NEFFS MILLS 4 MI NE	6174	HUNTINGDON	JUNIATA	40 40	77 55	960	EST	8A	8A	8	8	8	PENNA STATE COLLEGE	2 3 4 5
NESHAMINY FALLS	6194	BUCKS	DELAWARE	40 09	74 57	40	EST		5P	27	33		PHILA SUB WATER CO	3
NEWBURG 3 MI W	6225	FRANKLIN	SUSQUEHANNA	40 09	77 37	745	EST	MID	MID	7	7		PENNA TURNPIKE COMM	2 3 5
NEW CASTLE 1 MI N PUMP STA	6233	LAWRENCE	BEAVER	41 01	80 22	900	EST	11P	11P	65	52		NEW CASTLE WATER CO	2 3 4 5
NEWELL	6246	FAYETTE	MONONGAHELA	40 05	79 53	800	EST	MID	NOON	35	27		GENERAL CHEMICAL CO	2 3 5
NEW PARK	6289	YORK	SUSQUEHANNA	39 44	76 31	780	EST		5P		24		CLINTON J ALLEN	8
NEWPORT	6297	PERRY	JUNIATA	40 29	77 08	400	EST	7A	7A	1	18		MRS FRANCES FRY	3 7
NEW TRIPOLI	6326	LEHIGH	LEHIGH	40 42	75 46	580	EST		6P		10		FRED C OSWALD	3
NORRISTOWN	6370	MONTGOMERY	SCHUYLKILL	40 07	75 20	48	EST		8A				GEORGE H BOONE	3
ORWELL 3 MI N	6621	BRADFORD	SUSQUEHANNA	41 55	76 16	1620	EST		6P		5		WM I BROWN	8
PALM	6681	MONTGOMERY	SCHUYLKILL	40 26	75 32	380	EST		8A		7		FRED C ESCHBACK	3
PALMERTON	6689	CARBON	LEHIGH	40 48	75 37	435	EST	MID	MID	31	32		NEW JERSEY ZINC CO	2 3 4 5
PARKERS LANDING	6719	ARMSTRONG	ALLEGHENY	41 06	79 40	1100	EST		7A		44		JANNETTE E SCHULTZ	8 7
PARKERS LANDING 1 MI E	6724	CLARION	ALLEGHENY	41 06	79 41	870	EST		MID		10		PAUL M NEELY	3 4
PARK PLACE 1 NW WB AIRPORT	6734	SCHUYLKILL	SCHUYLKILL	40 51	76 06	1952	EST	MID	MID	5	5		U S WEATHER BUREAU	2 3 4 5
PAUPACK	6762	PIKE	DELAWARE	41 24	75 12	1523	EST		8A		32		MISS L VETTERLINE	3
PECKS POND	6786	PIKE	DELAWARE	41 17	75 05	1380	EST		8A		3		CARRIE NESS	8
PHILADELPHIA DREXEL INST TECH	6879	PHILADELPHIA		39 57	75 11	30	EST	MID	MID				FRANCIS K DAVIS JR	2 3 5
PHILADELPHIA FRANKLIN INST	6884	PHILADELPHIA	DELAWARE	39 58	75 10	100	EST	10A	10A	7	7		FRANKLIN INSTITUTE	7
PHILADELPHIA WB AIRPORT	6889	PHILADELPHIA	DELAWARE	39 53	75 14	20	EST	MID	MID	7	7		U S WEATHER BUREAU	2 3 4 5
PHILADELPHIA POINT BREEZE	6898	PHILADELPHIA	DELAWARE	39 55	75 12	85	EST	MID	MID	24	24		ATLANTIC REFINING	2 3 4 5
PHILADELPHIA SHAWMONT	6904	PHILADELPHIA	DELAWARE	40 02	75 15	70	EST	7P	7P	32	53		SCHUYLKILL NAVIG CO	2 3 5
PHILADELPHIA WB CITY	6909	PHILADELPHIA	DELAWARE	39 57	75 09	174	EST	MID	MID	77	77		U S WEATHER BUREAU	2 3 4 5
PHILLIPSBURG 7 MI E AIRPORT	6916	CENTRE	JUNIATA	40 54	78 05	1914	EST	MID	MID	6	6		CIVIL AERO ADM	3 4
PHOENIXVILLE 1 MI E PUMP STA	6927	CHESTER	SCHUYLKILL	40 07	75 30	105	EST	ss	8A	37	39		PHILA SUB WATER CO	2 3 4 5
PIKES CREEK	6939	LUZERNE	SUSQUEHANNA	41 18	76 06	1250	EST		MID		11		ANDREW STELTZ	3 4
PINE GROVE 1 MI NE	6954	SCHUYLKILL	SUSQUEHANNA	40 34	76 22	515	EST		8A		24		PA POWER & LIGHT CO	8
PINE GROVE MILLS 1 MI S	6962	HUNTINGDON	JUNIATA	40 43	77 54	2060	EST		MID		6		PENNA STATE COLLEGE	3
PITTSBURGH 7 MI SE WB AP	6992	ALLEGHENY	MONONGAHELA	40 21	79 56	1273	EST	MID	MID	18	18		U S WEATHER BUREAU	2 3 4 5
PITTSBURGH WB CITY	6997	ALLEGHENY	OHIO	40 26	80 00	914	EST	MID	MID	78	78		U S WEATHER BUREAU	2 3 4 5 7
PLEASANT MOUNT 1 MI W	7029	WAYNE	DELAWARE	41 44	75 27	1810	EST		7A		27		PENNA GAME COMM	3 4
PORT ALLEGANY	7103	MC KEAN	ALLEGHENY	41 48	78 17	1500	EST		7A		6		RALPH MC CONNELL	3
PORT ALLEGANY 3 MI SW	7108	MC KEAN	ALLEGHENY	41 47	78 19	1580	EST		7A		6		CRYSTAL SPG TROUT HCY	8
PORT CLINTON	7116	SCHUYLKILL	SCHUYLKILL	40 35	76 02	430	EST	8A	8A	10	10		EARL E RARICK	2 3 4 5
PORTLAND	7127	NORTHAMPTON	DELAWARE	40 55	75 06	297	EST		8A		5		JOINT BRIDGE COMM	3
POTTSTOWN	7149	MONTGOMERY	SCHUYLKILL	40 15	75 39	180	EST		8A		57		MILES E SMITH	3
POTTSVILLE	7156	SCHUYLKILL	SCHUYLKILL	40 41	76 12	820	EST		8A		66		POTTSVILLE WATER CO	8
POTTSVILLE PALO ALTO BRIDGE	7161	SCHUYLKILL	SCHUYLKILL	40 41	76 11	640	EST		7A		5		JOHN M SMITH	3
PUNXSUTAWNEY 1	7217	JEFFERSON	ALLEGHENY	40 57	78 59	1220	EST		7A		20		JOHN VOLANSKY	3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
PUNXSUTAWNEY 2	7222	JEFFERSON	ALLEGHENY	40 56	78 58	1360	EST		MID		8		PENNA ELEC CO	3
PUTNEYVILLE 2 SE DAM	7229	ARMSTRONG	ALLEGHENY	40 55	79 17	1270	EST	8A	8A	5	5		U S E P B G	2 3 4 5
QUAKERTOWN	7239	BUCKS	DELAWARE	40 26	75 20	480	EST	5P	5P	62	64		JOHN E BENNER	2 3 5
RAYMOND	7310	POTTER	ST LAWRENCE	41 52	77 52	2220	EST		MID		10		ARTHUR LENGAN	3 4
READING WB CITY	73 18	BERKS	SCHUYLKILL	40 20	75 56	266	EST	MID	MID	51	79		U S WEATHER BUREAU	2 3 4 5
RENOVO	7409	CLINTON	WEST BRANCH	41 19	77 46	645	EST		7A		51		MRS C W BAIRD	3
RENOVO 6 MI S STATE CAMP	7410	CLINTON	WEST BRANCH	41 14	77 46	2035	EST		MID		11		PA DEPT FRST & WATERS	3 4
RETREAT FARMS	7417	LUZERNE	SUSQUEHANNA	41 11	76 06	560	EST	6P	6P	16	16		THEO J SAMPSON	2 3 5
REW	7425	MC KEAN	ALLEGHENY	41 54	78 32	2250	EST		8A		1		BRADFORD DIS FLD COMM	3
RICES LANDING LOCK NO 6	7443	GREENE	MONONGAHELA	39 57	80 00	775	EST		7A		14		U S E P B G	3
RIDGWAY	7477	ELK	ALLEGHENY	41 26	78 44	1385	EST	7A	7A	33	42		WEST PENN POWER CO	2 3 4 5
RINGTOWN 1 MI SW	7497	SCHUYLKILL	SUSQUEHANNA	40 51	76 15	1080	EST		8S		58		BORO SHENANDOAH	2 3 5
ROCHESTER 1 MI N	7540	BEAVER	BEAVER	40 43	80 18	935	EST		MID				DUQUESNE LIGHT CO	3 4
RUSH 6 MI S	7694	SUSQUEHANNA	SUSQUEHANNA	41 42	76 03		EST		8A		4		M MAUDE MC CAIN	3
SAFE HARBOR DAM	7732	LANCASTER	SUSQUEHANNA	39 56	76 23	180	EST		NOON		10		PA WATER & POWER CO	3
SAGAMORE 1 MI SE	7739	INDIANA	ALLEGHENY	40 46	79 14	1320	EST		7A		8		U S E P B G	3
SALTSBURG	7796	INDIANA	KISKIMINETAS	40 29	79 27	849	EST		8A		54		WALTER B SULLIVAN	3
SAXTON	7846	BEDFORD	WEST BRANCH	40 13	78 15	800	EST		7A		8		HUNTINGDON BROADTOP RR	3 4
SCANDIA	7855	WARREN	ALLEGHENY	41 55	79 02	2040	EST		MID		8		U S E P B G	3 4
SCHENLEY LOCK 5 LOWER	7863	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST		7A		70		U S E P B G	3
SCHENLEY LOCK 5 UPPER	7864	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST						U S E P B G	
SCRANTON WB CITY	7902	LACKAWANNA	SUSQUEHANNA	41 25	75 40	805	EST	MID	MID	48	48		U S WEATHER BUREAU	3 4
SELINSGROVE AIRPORT	7931	SNYDER	SUSQUEHANNA	40 49	76 52	460	EST	5P	5P	58	58		EUGENE H STEESE MGR	2 3 5
SELLERSVILLE 2 MI NW	7938	BUCKS	SCHUYLKILL	40 23	75 20	530	EST		MID		11		SELLERSVILLE WATER CO	3 4
SEWARD	7956	WESTMORELAND	CONEMAUGH	40 25	79 01	1122	EST		7A		10		EDW L STUTZMAN	3
SHADE GAP	7965	HUNTINGDON	JUNIATA	40 11	77 52	940	EST		MID		10		MRS HELEN L PYLE	3 4
SHAMOKIN	7978	NORTHUMBERLAND	SUSQUEHANNA	40 47	76 34	750	EST		8A		44		ROARING CREEK WTR CO	3
SHARPSVILLE	8000	MERCER	BEAVER	41 16	80 29	951	EST		7A		10		MRS M J KELLEY	3
SHEFFIELD 6 MI W CHERRY GROVE	8026	WARREN	ALLEGHENY	41 42	79 09	1940	EST		MID		11		L N HANSON	3 4
SHIPPENSBURG	8073	CUMBERLAND	SUSQUEHANNA	40 03	77 32	709	EST	4P	4P	16	20		STATE TEACHERS COLL	2 3 5
SMETHPORT HIGHWAY SHED	8190	MC KEAN	ALLEGHENY	41 48	78 27	1510	EST		MID		11		PENNA DEPT OF HWYS	3 4
SOMERSET WATER WORKS	8249	SOMERSET	YOUGHIOGHENY	40 01	79 05	2100	EST	5P	5P	79	65		D L GROVE	2 3 5
SOMERSET 2 MI E SUBSTATION	8254	SOMERSET	YOUGHIOGHENY	40 01	79 03	2280	EST		7A		13		PENNA ELECTRIC CO	3
SOUTH CANAAN 1 MI E	8275	WAYNE		41 31	75 24	1380	EST		MID				EUGENE M COOK	3 4
SOUTH MOUNTAIN	8308	FRANKLIN	POTOMAC	39 51	77 30	1600	EST		7A		9		PENNA DEPT OF HEALTH	3
SPRING GROVE	8379	YORK	SUSQUEHANNA	39 52	76 52	470	EST		4P		8		P H GLATFELTER CO	3 4
SPRINGS 1 MI SW	8395	SOMERSET	YOUGHIOGHENY	39 44	79 10	2500	EST	8P	8P	29	29		ALLEN E YODER	2 3 5
SPRUCE CREEK	8405	HUNTINGDON	JUNIATA	40 36	78 08	760	EST		7A		2		MRS C E SEIBER	3
STATE COLLEGE	8449	CENTRE	WEST BRANCH	40 48	77 52	1175	EST	MID	MID	61	54		PENNA STATE COLLEGE	2 3 4 5
STRAUSSTOWN	8570	BERKS	SCHUYLKILL	40 30	76 11	500	EST		8A		3		ROBT B HIESTER	3
STRONGSTOWN	8589	INDIANA	CONEMAUGH	40 33	78 55	1880	EST		MID		8		HARRY F BENNETT	3 4
STROUDSBURG 2 MI E SUBSTATION	8596	MONROE	DELAWARE	41 00	75 09	327	EST	9A	9A	31	31		METROPOLTN EDISON CO	3
STROUDSBURG	8601	MONROE	DELAWARE	40 59	75 11	390	EST		MID		10		SEWAGE TREATMENT WKS	3 4
STUMP CREEK	8610	JEFFERSON	ALLEGHENY	41 01	78 50	1320	EST		7A		8		U S E P B G	3
SUNBURY	8668	NORTHUMBERLAND	SUSQUEHANNA	40 51	76 48	440	EST		7A		26		CHAS W BAYLER	3 4
SUNBURY AIRPORT 2 MI N	8673	NORTHUMBERLAND	SUSQUEHANNA	40 54	76 47	454	EST	MID	MID	3	3		CIVIL AERO ADM	2 3 5
SUSQUEHANNA	8692	SUSQUEHANNA	SUSQUEHANNA	41 57	75 36	1000	EST		7A		14		LAURA BENSON	3
SUTERSVILLE	8699	WESTMORELAND	YOUGHIOGHENY	40 14	79 48	770	EST		7A		8		J H CRUMRINE	3
TAMAQUA	8758	SCHUYLKILL	SCHUYLKILL	40 48	75 58	800	EST		7A		7		MARY L ROBERTS	3
TAMAQUA 4 MI N STILL CRK DAM	8763	SCHUYLKILL	SCHUYLKILL	40 51	76 00	1120	EST		7A		16		PANTHER VALLEY WTR CO	3 4
TAMARACK 2 MI S FIRE TOWER	8770	CLINTON	WEST BRANCH	41 24	77 51	2200	EST		7A	5	8		JAMES E SCHWARTZ	2 3 5
TIONESTA 2 MI SE DAM	8873	FOREST	ALLEGHENY	41 29	79 26	1200	EST	8A	8A	5	12		U S E P B G	2 3 5
TITUSVILLE 2 MI S	8880	VENANGO	ALLEGHENY	41 36	79 40	1550	EST	5P	5P	5	5		U S WEATHER BUREAU	2 3 5
TITUSVILLE	8885	CRAWFORD	ALLEGHENY	41 38	79 40	1200	EST		MID		10		PENNA ELECTRIC CO	3 4
TOWANDA	8905	BRADFORD	SUSQUEHANNA	41 46	76 26	755	EST	7P	7P	54	54		MRS M O PARKS	2 3 4 5
TOWER CITY 5 SW	8910	DAUPHIN	SUSQUEHANNA	40 32	76 37	725	EST		8S		3		HARRISBURG WATER DEPT	3
TUNKHANNOCK 1 MI S AIRPORT	8982	WYOMING	SUSQUEHANNA	41 32	75 57	639	EST	9A	9A	3	7		J D CHAMBERS MGR	2 3 4 5
TUNNELTON	8989	INDIANA	CONEMAUGH	40 27	79 23	900	EST		MID		8		W D WEIMER	3 4
TYRONE 4 MI NE BALD EAGLE	9024	BLAIR	JUNIATA	40 43	78 11	1080	EST		MID		11		FRED L FRIDAY	3 4
UNION CITY 1 MI W	9041	ERIE	ALLEGHENY	41 54	79 52	1280	EST		MID		11		PENNA ELECTRIC CO	3 4
UNIONTOWN	9050	FAYETTE	MONONGAHELA	39 54	79 44	1040	EST	6P	6P	58	60		WM W MARSTELLAR	2 3 5
VANDERGRIFT	9126	WESTMORELAND	KISKIMINETAS	40 36	79 33	800	EST		7A		9		UNITED ENG & FNDRY CO	3
VANDERGRIFT 2 MI W	9133	WESTMORELAND	KISKIMINETAS	40 36	79 36	895	EST		MID		10		EUGENE R YOUNG	3 4
VIRGINVILLE	9196	BERKS	SCHUYLKILL	40 31	75 52	230	EST		8A		3		IRENE M WERLEY	3
WARREN	9298	WARREN	ALLEGHENY	41 50	79 09	1190	EST	7P	7A	52	60		MERRELL L JORDAN	2 3 5
WASHINGTON	9312	WASHINGTON	OHIO	40 11	80 14	1200	EST		MID		10		PENNA DEPT OF HWYS	3 4
WATROUS 9 MI S LEE FIRE TOWER	9340	TIOGA	WEST BRANCH	41 37	77 33	2425	EST		7A		5		PA DEPT FRST & WTRS	3
WATSONTOWN	9345	NORTHUMBERLAND		41 05	76 52	490	EST		6P				WILLIAM H BIRD	3
WAYNESBURG 2 MI W	9362	GREENE	MONONGAHELA	39 54	80 13	980	EST	6P	7A	19	21		MFRS LIGHT & HEAT CO	3 4
WAYNESBURG 1 MI E	9367	GREENE	MONONGAHELA	39 54	80 10	940	EST		MID		10		RALPH M AMOS	2 3 5
WEBSTER MILLS 3 MI SW	9380	FULTON	POTOMAC	39 50	78 05	920	EST		MID		7		WM D COVER	3 4
WELLSBORO	9407	TIOGA	WEST BRANCH	41 45	77 17	1319	EST	7A	7A	69	78		M S BLISS	2 3 5
WELLSBORO 2 MI E	9412	TIOGA	WEST BRANCH	41 45	77 15	1610	EST		MID		12		IDA S MAYNARD	3 4
WELLSVILLE	9420	YORK	SUSQUEHANNA	40 03	76 57	500	EST	5P	5P	2	2		D D HOOVER	2 3 5
WERNERSVILLE	9430	BERKS	SCHUYLKILL	40 20	76 05	400	EST		7P		11		J H THOMPSON	3
WEST CHESTER	9464	CHESTER	DELAWARE	39 57	75 36	400	EST	7P	7P	93	98		CLYDE T SAYLOR	2 3 5
WEST GROVE 1 MI SE	9503	CHESTER	DELAWARE	39 48	75 49	452	EST		8A		19		CONRAD-PYLE CO	3
WHITESBURG	9655	ARMSTRONG	ALLEGHENY	40 45	79 24	1530	EST		7A		8		U S E P B G	3
WILKES-BARRE	9702	LUZERNE	SUSQUEHANNA	41 15	75 52	700	EST		7A		63		MRS MARY G MIRMAK	3
WILLIAMSPORT 4 SE	9723	LYCOMING	WEST BRANCH	41 13	76 57	1990	EST		7A		8		PA DEPT FRST & WATERS	3
WILLIAMSPORT 4 E WB AIRPORT	9728	LYCOMING	WEST BRANCH	41 14	76 56	580	EST	MID	MID	8	8		U S WEATHER BUREAU	2 3 4 5
WILLIAMSPORT	9733	LYCOMING	WEST BRANCH	41 15	77 01	540	EST		7A	55	82		SAMUEL W PURSELL	3 4
WILLIAMSTOWN	9741	DAUPHIN	SUSQUEHANNA	40 35	76 38	775	EST	5P	7A	33	14		GORDON E LOWER	2 3 5 5
WIND GAP 3 MI SW	9781	NORTHUMBERLAND	DELAWARE	40 49	75 20	730	EST		MID		3		GEO R HARTZ	3 4
YORK 3 MI SW PUMP STATION	9833	YORK	SUSQUEHANNA	39 55	76 45	390	EST	5P	5P	50	81		CLAYTON L BOTT	2 3 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
ORK 2 MI S FILTER PLANT	9938	YORK	SUSQUEHANNA	39 56	76 44	640	EST		MID		11		YORK WATER CO	3 4
ORK HAVEN	9950	YORK	SUSQUEHANNA	40 06	76 43	300	EST		8A		28		METROPOLTN EDISON CO	3
OUNGSVILLE	9966	WARREN	ALLEGHENY	41 51	79 19	1205	EST		MID		8		HIRAM C LYONS	3 4
IONSVILLE 1 MI SW	9994	LEHIGH	SCHUYLKILL	40 28	75 31	820	EST		6P		17		HORACE MILLER	3

REFERENCE NOTES

he four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers ithin a state.

tations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

elayed data and corrections will be carried only in the June and December issues of this bulletin.

ata in Tables 3, 5 and 6 are for the 24-hours ending at time of observation.

- No record.
→ Amt also on later dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with windshield.
6 No recording gage, precipitation is measured at 6-hourly intervals.
a, b, c, through i Number of days missing. a indicates one day missing, b indicates two days missing, etc.
ss This entry in time of observation column in Station Index means sunset.
r Station equipped with recording gage only. All amounts in Table 3 are from the non-recording gages, except for stations with this reference.
x Daily precipitation totals in Table 3 are for the 24-hours ending at 1:30 A.M., E.S.T., of the following day.
z Hourly amounts from recording gage at the same site may be found in Table 4.
T Trace, an amount too small to measure.

Data in Table 4 were formerly published in the Hydrologic Bulletins for North Atlantic District and Ohio River District. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary. Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Federal Building, Albany 1, N.Y.)

W. B. O., Washington, D. C. - - 12-6-48--- 1275

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

PENNSYLVANIA

OCTOBER 1948

Volume LIII No. 10

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WASHINGTON: 1949

PENNSYLVANIA - OCTOBER 1948

L. F. Conover, Section Director - Harrisburg

GENERAL SUMMARY

The pleasant harvest month was more cloudy and cooler than usual. The sharp contrast between the customary October an that just closed, was emphasized by the rainy period that lasted through the first three weeks. Total sunshine for t month at Pittsburgh was only 18% of possible compared to the normal of 55%. The third decade had typical Indian Summ weather that enabled farmers to complete many Fall chores.

Although the precipitation average was just under normal, the frequent and ample amounts received before the 20th re- lieved the growing, critical need for rainfall. The heaviest precipitation occurred on th 17th as a storm developed a cold front ushering in a strong and cold high pressure system. Twenty-four hour precipitation amounts were under 2.00 inches but Sunday travelers in the North-Central Counties were caught in a sudden snowstorm. Traces of snow were reported over the mountains as far south as Adams County. Only in Tioga and Bradford Counties, did amounts reach 4 to inches in depth. Earlier snow storms have been reported but this occurrence was unusual.

The growing season ended with killing frost in many northern and mountain areas at various dates prior to the 19th, b on that date the freezing temperature following the snowstorm, ended vegetal growth generally over the State. The co harvest was excellent this year and the potato yield was of record proportions.

A subsiding (settling) layer of air existed over western Pennsylvania and West Virginia on the 26th, at about 3000 fe elevation. This layer subsequently dropped very close to the ground, creating a gray, oppressive fog blanket that ac cumulated industrial gases and smoke, requiring illumination inside and out at midday. Twenty aged inhabitants of th industrial town of Donora died of respiratory or cardiac diseases and some 400 others were stricken during the period of the 26th to 31st. These were attributed to the toxic action of the captive fumes. Official conclusions as to the actual cause of the deaths and sickness have not been reached. A similar instance of this nature was reported for Belgium, when on December 5, 1930, 60 persons died in the Meuse River valley near Liege.

TEMPERATURE

The average temperature for the State as deduced from the reports of 115 stations was 50.2°, which is 2.4° below the 61-year normal for October. The highest monthly mean was 58.4° at Marcus Hook and the lowest was 44.1° at Kane. Ex- tremes ranged from a maximum of 85° at Phoenixville on the 1st to a minimum of 14° at Burnt Cabins on the 3rd and Hawley, 1 S Wallenpaupack Dam on the 22nd.

PRECIPITATION

The average precipitation for the State, as deduced from the observations at 117 stations, was 3.08 inches, which is 0.15 inch below the 61-year normal for October. The greatest monthly amount was 5.99 inches at South Mountain, while the least was 0.96 inch at Allentown-Easton Airport. The greatest amount recorded in any 24 consecutive hours was 2. inches at South Mountain on the 6th.

The average snowfall for the State was 0.2 inch, which is also the 61-year normal. The greatest monthly snowfall was 5.0 inches at Monroeton. The greatest fall for any observational day was 5.0 inches at Monroeton on the 17th and 18t

- - -

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from the Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages---mostly of the recording type which pr duce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Depar ment of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording gages, has been maintained by the Weather Bureau through wor ing funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western State

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D. C.

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PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN-SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	AVERAGE PERCENT	
LLENTOWN-BETH-EAST WB AP	30.59	22	29.70	8	-	-	-	-	82	85	50	68	-	418
RIE WB CITY	30.48	4	29.61	11	7.9	26	W	9	82	82	67	80	36	423
					6.8	26	NW	25	80	83	51	66	52	382

UNITED STATES DEPARTMENT OF COMMERCE

WEATHER BUREAU

Harrisburg State Airport
New Cumberland, Pa.

NOTICE TO ALL RECIPIENTS OF PENNSYLVANIA CLIMATOLOGICAL DATA

The August issue of the Climatological Data Bulletin, Pennsylvania Section, has not yet been printed under the new record-processing program at Albany, N. Y. It is expected to be issued in the very near future. The November and subsequent issues will be forthcoming in a regular manner.

1904	50.6	91	12	2.61	T	9	1937	50.6	89	12	5.84	0.1	14
1905	53.2	90	16	4.23	T	9	1938	54.5	91	16	1.81	T	6
1906	52.0	87	14	4.46	1.1	14	1939	53.6	92	15	3.88	T	11
1907	48.2	87	13	3.16	T	7							
1908	54.6	93	19	1.95	T	6	1940	50.0	85	10	2.03	1.1	8
1909	48.4	87	15	2.27	T	7	1941	57.0	100	19	2.77	T	13
1910	55.6	91	14	1.91	0.5	7	1942	53.9	88	15	4.51	0.1	12
1911	52.3	83	18	4.83	T	11	1943	50.1	89	17	5.63	0.3	13
1912	54.2	90	23	2.74	T	7	1944	50.8	90	12	3.14	T	10
1913	54.9	88	16	5.44	0.2	13	1945	51.0	85	20	2.75	T	12
1914	56.4	91	11	2.35	T	9	1946	56.0	92	24	3.50	T	10
1915	54.2	85	17	2.65	T	8	1947	58.6	93	17	1.34	0.0	5
1916	52.1	92	16	2.25	T	6	1948	50.2	85	14	3.08	0.2	10
1917	47.2	84	12	6.38	1.7	13							
1918	55.5	85	19	3.17	0.0	10	PERIOD	52.6	100	9	3.23	0.2	9
1919	57.5	92	21	4.77	0.0	17							

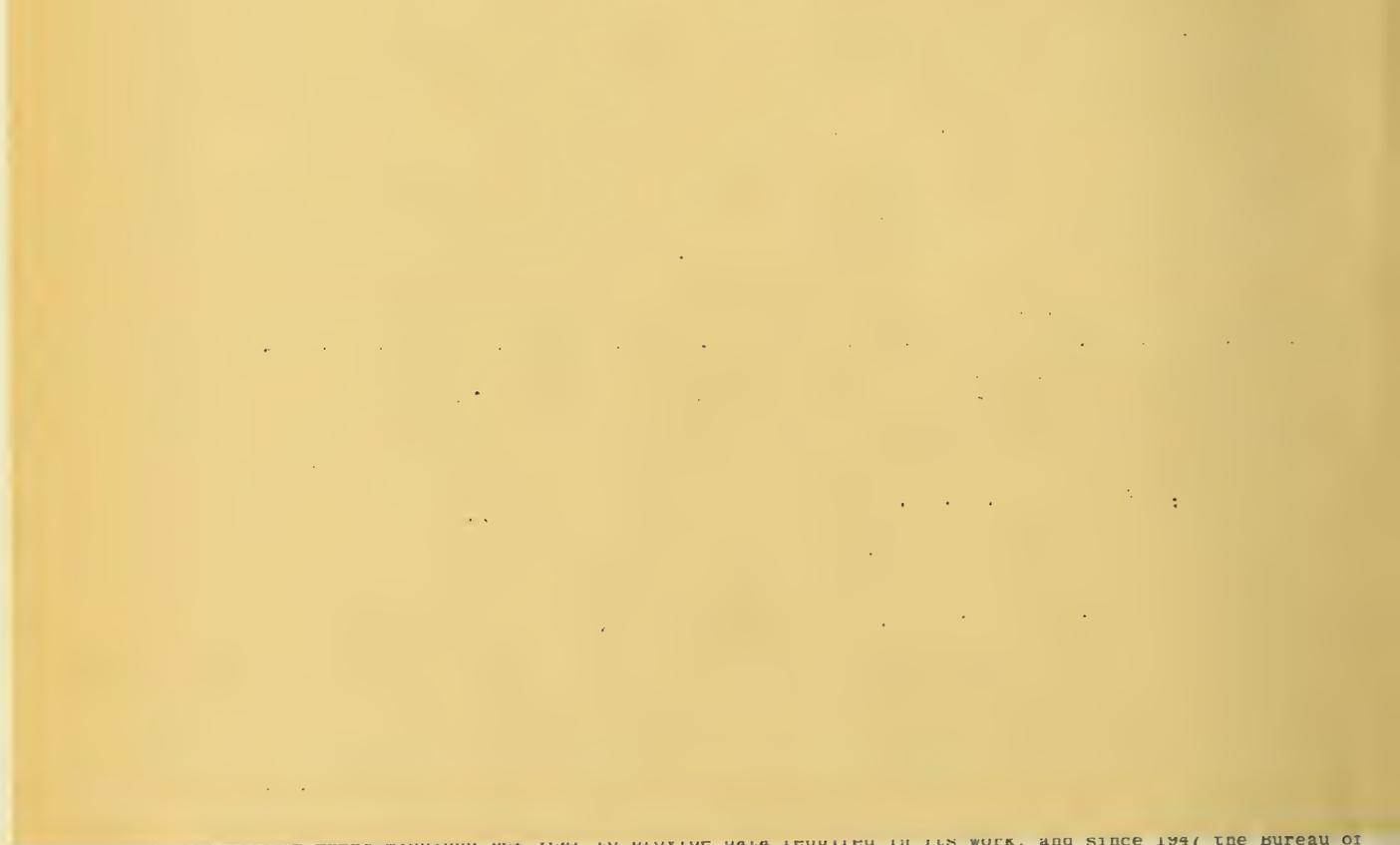
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	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	AVERAGE PERCENT	
LENTOWN-BETH-EAST WB AP	30.59	22	29.70	8	-	-	-	-	82	85	50	68	-	418
IE WB CITY	30.48	4	29.61	11	7.9	26	W	9	82	82	67	80	36	423
RRISBURG WB	30.55	22	29.67	8	6.8	26	NW	25	80	83	51	66	52	382
ILADELPHIA WB	30.54	22	29.74	8	8.3	24	N	25	78	83	54	69	57	268
TTSBURGH WB	30.46	21	29.66	8	9.0	27	W	8	78	83	56	67	18	444
ADING WB CITY	30.58	22	29.69	8	10.1	33	NE	5	-	77	-	-	41	330
RANTON WB CITY	30.57	22	29.66	8	6.2	22	NW	17	-	78	55	-	43	434

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1888	46.3	74	19	4.02	T	16
1889	47.3	83	13	3.85	0.2	10
1890	50.9	81	21	5.87	0.3	15
1891	50.6	91	15	3.06	T	8
1892	50.8	83	16	0.72	T	6
1893	53.0	91	17	3.26	T	8
1894	53.6	88	24	4.26	T	9
1895	47.3	76	17	1.99	0.3	5
1896	48.9	86	18	3.19	T	9
1897	54.2	95	16	1.32	T	5
1898	53.8	92	20	5.20	T	12
1899	54.6	94	15	1.55	0.0	6
1900	58.6	95	19	2.74	0.0	8
1901	52.2	83	20	1.23	T	5
1902	53.1	89	19	4.64	0.1	9
1903	53.4	91	20	4.64	0.1	9
1904	50.6	91	12	2.87	T	7
1905	53.2	90	16	4.23	T	9
1906	52.0	87	14	4.46	1.1	14
1907	48.2	87	13	3.16	T	7
1908	54.6	93	19	1.95	T	6
1909	48.4	87	15	2.27	T	7
1910	55.6	91	14	1.91	0.5	7
1911	52.3	83	18	4.83	T	11
1912	54.2	90	23	2.74	T	7
1913	54.9	88	16	5.44	0.2	13
1914	56.4	91	11	2.35	T	9
1915	54.2	85	17	2.65	T	8
1916	52.1	92	16	2.25	T	6
1917	47.2	84	12	6.38	1.7	13
1918	55.5	85	19	3.17	0.0	10
1919	57.5	92	21	4.77	0.0	17
1920	57.6	88	22	1.67	T	5
1921	52.6	84	18	2.16	0.0	8
1922	54.8	94	12	2.51	T	7
1923	51.0	87	12	2.38	T	8
1924	52.9	87	14	0.28	0.0	2
1925	46.1	83	9	4.83	3.8	15
1926	51.9	90	16	4.51	0.2	14
1927	55.6	99	21	6.40	0.1	9
1928	55.1	91	15	1.78	0.1	8
1929	50.6	85	14	5.59	T	9
1930	50.8	93	9	0.99	0.2	6
1931	55.7	93	20	1.83	T	9
1932	53.8	86	20	5.31	T	11
1933	51.6	90	11	1.91	T	8
1934	51.8	84	11	1.46	0.6	6
1935	53.0	89	16	2.77	T	9
1936	54.0	87	11	3.69	T	11
1937	50.6	89	12	5.84	0.1	14
1938	54.5	91	16	1.81	T	6
1939	53.6	92	15	3.88	T	11
1940	50.0	85	10	2.03	1.1	8
1941	57.0	100	19	2.77	T	13
1942	53.9	88	15	4.51	0.1	12
1943	50.1	89	17	5.63	0.3	13
1944	50.8	90	12	3.14	T	10
1945	51.0	85	20	2.75	T	12
1946	56.0	92	24	3.50	T	10
1947	58.6	93	17	1.34	0.0	5
1948	50.2	85	14	3.08	0.2	10
PERIOD	52.6	100	9	3.23	0.2	9

CLIMATOLOGICAL DATA

Table 2

Station	Temperature						No. of Days		Precipitation							No. of Days		
	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail Total	Snow, Sleet, Hail Max. Depth on Ground	Snow, Sleet, Hail Date	.01 or more	.25 or more	1.00 or more
ATLANTIC DRAINAGE																		
ALLENTOWN-BETHLEHEM-EASTON	51.9	-1.1	74	1+	25	19+		7	.96	-2.34	.29	5				7	2	
ALLENTOWN GAS CO	52.6	-0.5	76	2	26	22		4	1.82	-1.44	.65	1				8	3	
ALTOONA HORSESHOE CURVE	49.3	-2.8	76	2	24	19		2	3.94	1.05	1.59	8				13	6	
ARENDTSVILLE	52.1	-2.0	79	3	27	19		3	3.63	.02	1.47	6				6	4	2
AVOCA WILKES-BARRE SCRANTON AP	50.7		71	1+	26	19		4	2.26		.79	17	T			12	3	
BEAVERTOWN	50.6		77	2	26	19+		8	4.91				0.5			10		
BELLEFONTE ROCKVIEW FARM	48.9		76	3	23	21		13	2.98	- .21	1.15	18				10	3	1
BERWICK	52.2		77	2	27	19		7	3.25		1.43	18				12	3	1
BETHLEHEM LEHIGH UNIV	52.8	-2.9	76	2	28	19		4	.76	-2.44						7		
BURNT CABINS 2 NE	48.3		78	2	19	19+		14	3.99		.95	5				10	5	
CANTON 1 NW	47.2		73	3	23	22		9	3.40		1.67	18				10	2	1
CARLISLE	51.4	-1.7	80	1	25	19+		8	4.30		1.46	18	T			9	5	1
CHAMBERSBURG	51.6	-1.8	81	2	25	19		2	3.99		1.07	17				9	6	1
COATESVILLE 1 SW	51.8	-2.4	77	2	24	19		6	2.05		.72	5				8	3	
COLUMBIA	53.8		81	2	29	19		3	3.31		.89	5				10	5	
CURWENSVILLE 6 NW AP	46.4		70	2	22	18+		6	3.17		1.64	8	T	T	18	12	4	1
EAGLES MERE	46.6		68	3	25	19+		8	4.88	- .52	1.69	18	2.5	2.0	18	10	5	2
EAST WATERFORD 3 E	49.0		72	2	28	19		3	3.69	.12	1.40	6	0.5	T	18	10	3	2
EMPORIUM	49.5	-0.6	76	1	21	22		15	2.79	- .42	.92	9				10	5	
EPHRATA	54.0	-0.5	79	2	27	19		2	2.33		.93	5				11	3	
EVERETT	48.8	-3.0	74	17	22	19		11	4.07	1.32	1.75	6	T			12	4	2
FREDERICKSVILLE 1 S	53.1		79	2	24	19		3	2.22		.64	1				10	3	
FREELAND	49.3	1.5	77	1	25	22		8	3.04	-1.01	1.24	18	4.8	5.0	18	10	3	1
GEORGE SCHOOL	52.8	-2.5	78	2	23	19		5	1.65		.49	24				8	3	
GETTYSBURG	53.6		80	3	29	19		2	3.15		1.54	6				8	3	1
GORDON	48.8	-2.0	72	1+	21	19		12	3.73							10		
HANOVER	52.5	-3.6	79	1	27	19		2	3.40		1.41	6				9	3	1
HARRISBURG 3 S WB AIRPORT	52.8	-2.0	79	2	30	19		1	3.45	.52	1.59	5				9	4	1
HAWLEY	48.4	-1.1	71	1+	18	22		9	1.81	-1.59	.90	18	1.5	1.0	18	10	1	
HAWLEY 1 S WALLEN DAM	44.4		70	2	14	22		18	1.59		.74	18				11	1	
HEWITT 2 S	51.6 m							7	2.93		1.03	6				8		1
HOLTWOOD	54.3	-2.3	75	2	34	19			2.44		.95	6				7	3	
HUNTINGDON	50.7	-2.0	79	3	24	19+		13	2.81	- .11	1.19	8				10	2	1
LANCASTER 2 NE PUMP STATION	51.6	-2.0	75	2	25	19		8	3.04		.91	5				11	5	
LANCASTER 3 NE EXP STATION	50.6		76	2	27	19		3	2.89		1.12	6				10	4	1
LAWRENCEVILLE	49.4	-1.2	78	1	21	22		9	2.53	- .31	.85	17				6	3	
LEBANON	52.2	-1.5	77	2	28	19		2	3.59		1.36	6				10	4	1
LEWISTOWN	51.6		81	3	27	19+		4	3.82		1.29	18				8	4	2
LOCK HAVEN 1	50.6		78	2+	26	21		11	3.70		1.17	18				8	4	1
MARCUS HOOK	58.4	-1.3	84	2+	35	19			1.69	- .85	.59	6				11	2	
MARTINSBURG BLAIR CO AIRPORT	49.2		74	2	25	19		4	3.79		1.21	5	T			13	5	2
MAUCH CHUNK 1 SW	49.0 m	-3.2	69	1+	21	22		9	2.04	-1.83	.85	18	T			9	3	
MIDDLETOWN OLMSTED FIELD	52.6	-1.9	76	1+	30	19		4	3.70	.30	1.45	5				10	4	1
MONTROSE 3 E HGWY SHED	46.5	-2.5	72	2	25	19+		10	3.82	.15	1.84	18	3.5	4.0	18	13	5	1
NEWBURG 3 W	44.3		72	2	18	19		12	3.95		.98	8				8	5	
NEWPORT	49.4		80	3	21	21		11	2.43	-1.16	1.45	6				7	2	1
PALMERTON	51.3	-1.1	73	1+	26	19		6	1.10	-2.27	.31	18				5	2	
PARK PLACE 1 NW WB AIRPORT	47.8		70	2	24	19		6	2.95		.77	17	1.8	T	18	13	4	
PHILADELPHIA FRANKLIN INST	57.4 m		78	1+					1.69							13		
PHILADELPHIA WB AIRPORT	55.3		78	1	31	19		1	1.53	-1.28	.52	5				8	2	
PHILADELPHIA POINT BREEZE	56.7		78	1+	36	19			1.23		.42	5				7	2	
PHILADELPHIA SHAWMONT	55.3	-0.6	77	1	32	22		1	1.64	-1.54	.47	5				12	2	
PHILADELPHIA WB CITY	56.9	-0.9	78	1+	37	19			1.39	-1.42	.46	5				8	2	
PHILLIPSBURG 7 E AIRPORT	45.2		72	2	14	21		13	3.28		1.29	8				13	4	1
PHOENIXVILLE 1 E PUMP STATION	54.6 m	-0.7	85	1	24	19		9	.97	-2.31	.53	5				5	2	
PORT CLINTON	49.4	-3.9	74	2	24	19+		9	2.56	-1.41	.76	18				9	4	
QUAKERTOWN	50.6	-1.6	73	2	21	19		10	1.45	-1.97	.38	18				11	3	
READING WB CITY	54.4	-1.0	77	2	31	19		2	1.49	-1.63	.51	5				10	2	
RETREAT FARMS	49.9		73	2	24	22		6	2.77		1.32	18				10	4	1
SCRANTON WB CITY	51.2	-0.7	71	1+	28	19		3	1.92	-1.11	.74	17				12	2	
SELINSGROVE AIRPORT	50.5	-2.4	79	2	24	19+		9	3.98	.41	1.27	18				12	5	1
SHIPPENSBURG	53.3	-1.7	82	2	28	19+		2	4.50	1.06	1.64	6				7	4	2
STATE COLLEGE	49.9	-1.4	74	2	26	21		5	2.62	- .30	1.00	17				14	4	1
STROUDSBURG STATION	52.3	0.3	77	3	27	19+		6	1.86	-1.85	.69	1				8	3	
SUNBURY 2 N AIRPORT	51.1		77	2	28	19+		4	3.90		1.05	5+				11	5	1
TAMARACK 2 S FIRE TOWER	47.0		70	2+	24	19		9	2.86		.83	18	T			8	5	
TOWANDA	49.7	-1.2	76	1	20	22		8	2.97	- .05	.81	17	1.5	T	18	13	3	
TUNKHANNOCK 1 S	49.4 m		74	2+	19	22		6	2.93		1.47	18				7	4	1
WELLSBORO	47.1	-1.7	73	2+	18	22+		17	2.97	- .01	1.41	18				8	3	1
WELLSVILLE	51.4		77	2	23	19		9	3.95		1.43	18				7	4	1
WEST CHESTER	53.6	-1.0	77	1	28	19		1	1.31	-2.31	.67	5				8	2	
WILLIAMSPORT 4 E WB AIRPORT	49.8		77	2	25	19+		9	4.40		1.12	17				12	6	1
WILLIAMSTOWN	51.5	-2.0	78	2	22	19		8	4.91	1.06	1.60	18				7	5	2
YORK 3 SW PUMPING STATION	53.7	-0.6	82	2	26	19		8	4.15	.93	1.25	5				9	5	1
DIVISION	51.0	-2.2							2.89	- .35								
OHIO DRAINAGE																		
BAKERSTOWN 4 WNW					23	19			3.06		.70	9+				9	4	
BLAIRSVILLE 6 ENE	48.3		72	16	28	19		5	4.66	1.12	1.16	17	1.5			14	5	2
BRADFORD 4 W RESERVOIR NO 1	46.7	-3.1	69	1+	18	22		14	3.51	- .07	.99	8	0.5			12	5	
BROOKVILLE AIRPORT	47.6	-1.6	73	2+	24	19		11	2.76	- .26	1.00	17	T			12	2	1
BURGETTSTOWN 3 W	47.7		77	3+	21	19+		14	2.85		1.32	18				10	3	1
BUTLER	51.0	-1.8	76	31	25	19		8	3.22		.92	17	T			16	3	
CLARION 3 SW	48.2		76	16	24	19		13	2.19	-1.37	1.03	18				12	2	1
CLAYSVILLE	49.1	-4.7	75	2+	23	19		10	3.43	.36	.99	17				13	4	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

able 2—Continued

Station	Temperature						No. of Days		Precipitation				Snow, Sleet, Hail			No. of Days		
	Average	Departure from Normal	Highest	Date	Lowest	Date	Max 90° or above	Min 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max Depth on Ground	Date	01 or more	25 or more	100 or more
ONFLUENCE 1 SW	49.7		77	1	24	19		[illegible]	2.48		.61	8	T	T	18	10	5	
ORRY	47.8	-1.5	70	29+	24	21		11	5.14	1.36	2.00	17	0.5			12	4	2
OUDERSPORT	46.9	-2.2	71	29+	19	22		12	2.87	- .46						8		
ENRY	50.3	-3.8	75	16	25	21		6	4.15	.94	1.04	8	T			11	5	1
ONEGAL	45.4		72	16+	17	21		17	3.81		1.10	17	1.0	1.0	18	15	4	1
ONORA	53.8	-2.4	79	3	29	19		2	3.00	.09	1.32	17				12	3	1
BENSBURG	48.0	-1.8	72	1+	23	19		7	3.95	.77	.80	6	T			12	6	
ARRELL SHARON			66	1+				10	2.32	- .37	.93	18				8	3	
ORD CITY 4 S	48.3		77	17	23	19		14	2.89		1.03	18				13	4	1
RANKLIN	49.4	-1.7	75	17	28	19+		11	3.08	- .06	1.11	18	T			12	4	1
REENSBURG 2 S FILTER PLANT	49.4 m	-4.7	77	16				10	3.19	.13	.76	17				11	5	
REENVILLE	48.5	-2.7	76	16	25	19+		11	4.46	1.12	1.59	17				13	4	[illegible]
NDIANA 2 SE	49.1		75	2+	23	19		10	3.97		1.01	8	T			12	61	1
NDIANA	51.1	-1.4	73	2+	26	19		4	3.38	- .01	.99	8	T			12	6	
RWIN	49.3	-4.6	74	16	25	21		7	3.35	.51	.70	17	T			12	5	
AMESTOWN 2 NW	47.7		76	1+	26	19		13	4.14	1.35	1.17	18				13	5	1
OHNSTOWN 1	51.9	-1.7	78	1	28	19		4	4.13	1.12	.78	18	T	T	18	11	7	
ANE 1 NW	44.1		70	16	18	21		19	3.04	- .68	1.13	8	T			15	3	2
EADVILLE 1 S	48.6	-2.1	75	1	26	19		11	5.55	2.14	1.46	18	3.1	3.0	18	13	5	3
ERCER HGWY SHED	49.4 m		75	16	26	19		10										
IDLAND DAM NO 7 LOWER	50.5	-4.0	75	16	30	19		3	2.67	- .48	1.17	18	T			13	3	1
EW CASTLE 1 N PUMP STATION	49.0	-3.5	76	16	27	21		10	2.99	.26	1.16	17				16	3	1
EWELL	50.9	-4.4	78	3	27	19		7	3.18	.51	1.14	18				13	2	1
ITTSBURGH 7 SE WB AIRPORT	50.7		76	2+	30	19		2	3.14		1.15	17	T			14	4	1
ITTSBURGH WB CITY	52.0	-3.7	76	2	33	21			3.60	1.08	1.21	17				14	5	1
UTNEYVILLE 2 SE	45.9		78	2	18	19		14	2.69		1.00	18				11	5	1
IDGWAY	47.0	-1.6	75	1+	20	22		16	2.90	- .18	.85	9	T			12	3	
OMERSET WATER WORKS	47.3	-2.0	74	16	19	19		13	3.02	- .06	.91	8	0.5			14	3	
PRINGS 1 SW	46.0	-3.4	72	16	17	19		10	2.94	- .58	1.09	8	1.5	1.0	18	11	4	1
IONESTA 2 SE DAM	48.1		75	17	25	19+		13	3.20	- .36	1.05	18	T	T	18	11	4	1
ITUSVILLE 2 S	47.3		75	16	22	21		12	4.01		1.12	17	0.5			11	6	2
NIONTOWN	50.9	-4.0	76	16	28	19		4	3.32	.04	1.38	17				13	4	1
ARREN	49.7	-1.2	75	16	25	22		7	2.73	- .79	.89	18	T	T	20	11	5	
AYNESBURG 1 E	49.1		77	2	20	19+		15	2.18		1.23	18				12	1	1
DIVISION	48.8	-3.5							3.35	.09								
LAKE DRAINAGE																		
LBION									5.11		1.11	18				13	6	1
RIE WB CITY	51.4	-2.0	74	16	36	18+			5.01	1.32	1.68	17	T			15	5	1
DIVISION	51.4	-2.0							5.06	1.32								
STATE	50.2	-2.4							3.08	- .15								

See reference notes following Station Index

DAILY PRECIPITATION

PENNSYLVANI

Table 3

OCTOBER 194

Station	Day of Month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ACMETONIA LOCK 3 LOWER	.07					.59		.11	.30	.14	.61	.04		.09			.02	1.04		.08												3.0
ALBION z	.05	.02	.02					.95	.70		.03		.20	.75			.70	1.11	.15	.41				.02								5.1
ALLENS MILLS r	.08						.09	.98		.22	.38	.01	.14	.24			.98	.02													.22	3.3
ALLENTOWN BETH EAST AP z					.29	T	.01	.24		T	T	.05	T				.04	.28	T	T			.05		T							.9
ALLENTOWN GAS CO	.65	T		T		.35		.06	.12	T		.08		T				.45		.02				.10	T							1.8
ALTOONA HORSESHOE CURVE	.03		.04		.45	.29		1.59		.28	.29		.10	.13			.29	.23		.11				.11								3.9
ARENDTSVILLE						1.47		.20	.37		T	.36						1.15						.08								3.6
AUSTINBURG 2 W r	.04				.06	.02		1.21	.03		.17		.13	.02			1.00	.02		.03												2.7
AVOCA WILKES BARRE AP	.01				.14	.01		.28		.14	.12	.01	.02	T			.79	.62	T	T			.01	T	.11							2 2
BAKERSTOWN 4 WNW	.16					.60			.70	.10	.20			.10			.40	.70		.10												3.0
BARNES	.23					.03		.23	.63			.17	.06	.30			.23	.94														2.8
BEAR GAP	.05				.95	.05		.90		.05	.10						1.27	.54					.38									4.2
BEAVER FALLS	.07					.31	.02	.60	.08		.23	.01		.03	.02		.14	1.12		.10	.03		T	T								2.7
BEAVERTOWN	.04				•	1.95		.96			.06	.20					•	1.50					•	.20								4.8
BELLEFONTE ROCKVIEW FARM	.03					.79	T	.08	.48	T	.14	.13	T	.03		T		1.15	T	T	T		T	.08							.07	2.9
BERWICK	.09				.06	.71		.35	.18		.11	.08	.01	.02			T	1.43					.04	.17								3.2
BETHLEHEM RIVER STATION	.02			T		.31		.12	.09			.03		.01				.45	T	T				.08								1.1
BETHLEHEM LEHIGH UNIV z					.14		.02	.14									•	.40	.01				.05									.7
BLAIN r					1.22	.24		.66			.02		.02				.74	.52	.01	.03			.05	.03								3.5
BLAIRSVILLE 6 ENE	.18	T	T		.65	.02	.02	1.12	.03	.61	.13	T	.10	.02		T	1.16	.22	.04	T											.36	4.6
BLAKESLEE CORNERS r	.01				.34			.60		.03	.05	.01					.50	.36							.06							1.5
BLOSERVILLE 1 N					.33	1.38		.98			.08			.02			•	1.62		.06			.12	.06								4.6
BOSWELL z	.19				.04	.63	.01	.56	.89	.13	.10	.18	.01	.08				.99		.21	.05												4.0
BRADDOCK LOCK NO 2	.03					.63	.01	.07	.25	.20	.42	.03		.11			.02	1.16		.06												2.9
BRADFORD CITY HALL	.02	.02				.01	.20	.76	.01		.05	.12	.08	.54			.27	.01	.90	.13												3.1
BRADFORD 4 W RES NO 1	.03	.02				.03	T	.99	.06	.02	.20	T	.50	.23			.90	.28		.25	T											3.5
BRADFORD 5 S	•	•				•		•	.90		-	-	-				•	.86		-	-	-										-
BREEZEWOOD			.60		.90	.65	02	.70			.02		.06				.46	.33	.03				T								.07	3.8
BROOKVILLE AIRPORT	.02				.10	.01	.10	.79		.21	.06		.14				1.00	.07	T	.02		T	T								.24	2.7
BRUCETON	.05				T	.47	.04	.07	•	•	.92	.06		.05			•	1.22		.07												2.9
BUCKSTOWN r	.05	.02			1.04	.06	.21	1.15			.12	.10	•	•			.61	.20	.06	.06				.05							.17	3.8
BUFFALO MILLS			.16		.14	1.95		.68	.65					.18				.38		.09												4.2
BURNT CABINS 2 NE					.95	.65		.84			.08	.12					.77	.45					.04	.07							.02	3.9
BURGETTSTOWN 3 W	.06					.19	T	.03	.64	.34	.09		.05				.12	1.32		.01						T						2.8
BUTLER	.09			.01	.23	.19	.03	.62	.12	•	.24	.03		.08			.92	.44		.15	.02										.05	3.2
BUTLER SUBSTATION r	-					.08	.57			.20			.03			.24	.92		.04	.08											.05	-
CAMP HILL						1.55		.58	.22			.38		T				1.02						.24									3.9
CANTON 1 NW z	T					.15		.03	.63		.21	.20		.23	.03			1.67			.07			.18									3.4
CARLISLE				T	.50	.96		.72	T		.03	.34					T	1.46		.05		.08	.16									4.3
CARROLLTOWN	.13				.03	.70	.03	.49	.70	.16	.37	.24		.16				.57	T	.08												3.6
CARTER CAMP z						.08		.26	.98		.17	.22		.25				.85						T								2.8
CEDAR RUN	.04					.11	.02	.15	.86		.31	.22		.14				1.32						.21									3.3
CHADDS FORD	.50					.73			.13					.09				.26						.08	.06							1.8
CHAMBERSBURG z			T		.48	.84		.66			.30		.03				1.07	.55					.05	.01							T	3.9
CHARLEROI r	.07				.30	.04	.12	.30		.17	.04	.13					1.34	.01	.09												.23	2.8
CHARLEROI LOCK 4 LOWER	.14					.41	.02	.11	.32	.12	.12	.04	.10	.04			1.40		.07		.01											2.9
CLARION 3 SW z	.10					.03		.22	.41		.15	.06		.07			.06	1.03	.02	.03			.01									2.1
CLAUSSVILLE	.44					.45		•	.21			.07		.02				.46						.03									1.6
CLAYSVILLE	.07				.16			.98	.06	.27	.06	.09		.05			.99	.52	.02	.05											.11	3.4
CLEARFIELD	.05					.14	T	.25	.85	T	.48	.19		.08				.35	T													2.2
COALDALE 2 NW		.04				.67		.02	.60		.02	.04						.99	01	.04				.02	.11	.01						2.5
COATESVILLE 1 SW z	.68	T				.72		.04	.12		T			.06				.40		.01				T	.02							2.0
COATESVILLE	.73					.74		.04	.12					.07	.02			.37		.01				T	.02	T						2.1
COGAN STATION 2 N						1.01	.35	.70			.34							.54		.23												3.1
COLUMBIA					.89	.48		.35	.17		T	.12		.07				.80		T			.33	.03	.07							3.2
CONFLUENCE 1 SW z	.04				.04	.33		.61	.41	.06		.01		.36				.55		.07	T											2.4
CONFLUENCE 1 NW	.04	T			.06	.40	T	.58	.63	.10	.05			.60				.76	T	.08	T											3.3
CONNELLSVILLE	.11		.18			.58		.30	.35	.09		.14	.13	.12				1.35		.09												3.4
CONNELLSVILLE 4 N r	.13	.18			.72		.02	.57	.02	.04		.06	.10				1.23	.07	.04												.36	3.5
CONSHOHOCKEN	.38					.59		.01	.11									.37		.03				.05	.17							1.7
CORRY						.03	T	1.20	.12		.54		.62	.04		.04	2.00	.21	.01	.18											.15	5.1
CORAOPOLIS DAM 2	.08					.29		.43	.33	.37	.22	.07		.07			.22	.98		.08												3.1
COUDERSPORT	.31	.06						.95	.04		.39		.16				•	.96														2.6
COUDERSPORT 8 E						-		•	.47	•	•			.51				-						-								-
COVINGTON	.05	T				.22		.06	.38		.12	.08		.14				1.46														2.3
CREEKSIDE					.56			.31	.64	.05	.45	.10	•	.09				.90	.07													3.1
CRESSON 1 E SUMMIT r	.02		.02		1.10	.10		1.20		.38	.20		.08	.05			.43	.07		.02				.08							.10	3.8
CURWENSVILLE 6 NW AP	.01		T		.11	.01	T	1.64	T	.42	.27	T	.08	.02		T	.48	.03	.01	T			T	T							.09	3.1
CUSTER CITY 2 W SONGBIRD	.04	.01				T	T	.20	.82		.05	.13	.11	.42			.47	.89		.17												3.3
DANVILLE	.05	.04				1.12		.02	.72		.06	.30						1.50						.30								4.1
DAUPHIN 3 N	.01	T	T		T	1.77		.19	.83		T	.39		.04				1.70		.04				.17								5.2
DERRY	.14				.66	.09		1.04	.20	.39	.15	.10	.05				.75	T		.58												4.1
DINGMANS FERRY z	.45	T				.15			.32			T						.62	T						.06							1.6
DONEGAL	.13		T		.37	.05	.09	.77	.03	.22	.08	.12	.11			T	1.10	.23	.14	.04											.33	3.8
DONORA	.06				.46		.03	.11	.39	.23	.04	.06	.02				1.32		.08	T						T	T	T			.20	3.6
DOYLESTOWN	.20				•	.32		•	.31		T			.03				.28		.06			.07	.15	.14							1.5
DRIFTWOOD r								1.00		.22	.30		.10				.54	.03					.02	.01							.11	2.3
DU BOIS 7 E z	.04				.04	.05		1.12	.02	.16	.38	T	.10	.06			.40	.22		T			T									2.1
DUNLO r	.04				1.00	.06	.10	1.19	.10	.20	.20	.03	.12				.52	.18	.07	.05			-	-							-	-
DUSHORE r					.11	.05		.58		.56	.17		.05	.02			1.23	•					•	•	.52							3.7
EAGLES MERE z	.16	.02				.21		T	1.12		.78	.42		.11	.03			1.69	T		T			.34								4.8
EAST WATERFORD 3 E	T	.02				1.40	T	.15	.62	T	.01	.19		.02			T	1.10		.06			T	.12								3.6
EBENSBURG	.15				.10	.80		.73	.54	.45	.03	.26		.17			.05	.62		.05												3.5
ELIZABETHTOWN	.04					1.44		.05	.60			.10		.03				.90		.06				.30								3.1
EMPORIUM z	.03					.07	T	.32	.92		.11	.44		.26			.08	.52		T			.04									2.7
ENGLISH CENTER r	.02				.13	.24		.76		.30	.20		.04				1.28	.12					•	.32								3.4
EPHRATA					.93	.11		.33	.06			.09		.03				.58			.05		.06	.05	.04							2.1
EQUINUNK	.40	.05	T			.10		.03	.31		.47	.08		.04	T			1.48	.17	T	.04												3.1
ERIE WB CITY z	.03	.05			T	.01	.71	.73	.05		.24	.63	.42			.08	1.68	.03	.24	.08		T	.03								T	5.0
ERIE AIRPORT r	.01	.10	T		T	.02	.87	.50	.06		.22	.53	.33			.09	1.67	.06	.09			T	.03								.01	4.4
EVERETT z			.02		.03	1.75	.05	.28	.57		T	.03		.05				1.16	.03	.05				.05									4.0
FARRELL SHARON						.03		.43	.04		.04	.20		.17			.48	.93														2.3
FORD CITY 4 S z	.05				T	.54	.04	.18	.40		.31	.09	.03	.05			.04	1.03		.09	.04												2.6
FRANKLIN z	.02					.02	T	.72	.27		.04	.13	T	.24			.31	1.11	.08	.13	.01												3.1
FREDERICKSVILLE 1 SE	.64	.01				.60		.03	.15			.08		.01				.62		.06				.02									2.2
FREELAND	.08					.77		.01	.62		.15	.05		.04	T			1.24						.03	T	.05							3.1
GALETON	.03					.30		.85			.33		.01				1.00	.10					.01										2.6
GEIGERTOWN	.45					.68			.10					.05				.57		.04													1.6
GEORGE SCHOOL					.34	.08		.12	.03					.06				.28					.10	.49	.15							1.6
GETTYSBURG					.03	1.54		.22	.30		T	.17		.01				.87					T	.01									3.1
GETTYSBURG 1 S r					1.20	.38		•			•	•	•	.71				•	.90					.01									3.2
GIFFORD	.02		T			T		.15	.84	.02	.03	.08	.05	.35				.18	.96		.08	.06											2.6
GLENCOE r					1.22	.10	.10	1.00		.04		.10	.32					.20	.12	.02													-
GLEN HAZEL						.06	.01	.27			.89	.25	T	.36		.01			.96		.03													2.6
GLEN ROCK r					1.64	.03		.44			.01	.01	.05					.10	.69					.35	.05								3.2
GLENWILLARD DASH DAM	.08					.29	T	.35	.32	.15	.37	.03		.07	T			.15	1.02		.09	.02											2.1
GOOD SPRINGS 1 NW r	.01				1.30	.03		.88			.29						1.05	.47					.39										4.4
GORDON	.09				.30	.58		.78			T	.21		.01				1.52					.02	.22									3 7
GOULDSBORO	.28	.03				.19		.05	.35		.12	.03		T				.99	.03	.02					.10	.03							2.2
GRANTVILLE 2 SW	.03				.63	.80		.84		T	T		.23	.01				1.33		.02			.19	.10									4.1
GRATERFORD	.98					.52	.04	.11	.14			T		.04				.43		.09													2.3
GREENSBORO LOCK 7	.15				.01	.29		.26	.12	.07		.04	T	.10				1.41		.04												T	2.4
GREENSBURG 2 S FILT STA	.18				.44	.04		.74	T	.47	.12		.01	.02			.76	.35		.06	T											T	3.1
GREENSBURG 2 E HGWY SHEDr	.10				.42		.11	.65	.03	.53							.91		.03												•	-
GREENSBURG 3 SE UNITY RES					.40	.03		•	.58	.48	.15	T	T	.06			1.03	.23		.20											T	

See reference notes following Station Index.

DAILY PRECIPITATION

ble 3—Continued

Station	Day of Month																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ENVILLE					.02	.03		1.06	.19		.44	1	.15	.19		.03	1.59	.20		.22			.05								.20	4.46
OVER	.01				T	1.41		.20	.59		T	.16		.06				.84					.01	.12							3.40
RISBURG 3 S WB AP r	T		.02		1.59	.02		.54		T	.16	T	T	T			.00	.33		.01			.12							T	3.43
RISBURG NORTH	T		.01			1.68		*	.23		.01	.43		.02				1.51		.07				.15							4.11
LEY	.16	.01				.16		.03	.21		.17	.03		.03	T			.90		T				T	.11	T					1.62
LEY 1 S WALLEN DAM z	.18					.11		*	.21		.14	.04		.02				.74	.08						.05	.02					1.59
ITY 2 S z					.16	1.03		.65			.08		*	.16			*	.85													2.93
LIDAYSBURG r					.52	.13	.10	1.35		.15	.06		.03	.02			.50							.06						.10	3.02
LISTENVILLE	.09	.06				.03		.02	.45		.15	.05		.02				.94	.03	.05	.02			.03	.05						1.99
TWOOD z	.32					.95		.05	.22					.10	T			.56					T	.24	T						2.44
E r	-				-						.05						1.02	.05	.07		.02									.21	-
ESDALE 4 NW	.18					.10		.12	.40		.50	.07		.07				1.10							.10						2.64
ESDALE 6 N TNRS FLS r					.08			.30		.52							.47	.51							.06						1.94
VERSVILLE	.04		.02	.03	.07	.87	.01	.61	.33	.07	.01	.12		.03				.68	.03	.09				.02	.01						3.04
BOTTOM 2 S	.75					.07		.10	46		.70	.11		.11				1.31		.15					.05						3.81
TINGDON	.04					1.19	.05	.15	.16	T	T	.22		.02				.83		.09				.06							2.81
TSDALE z				T		1.71		1.6	.67		T	.38		.04				1.82					.06	.12							4.98
DMAN	T		T		.08	1.46	T	.48	.73	T	T		.06	.20				.30		T											3.31
DIANA 2 SE z	.09	.02			.63	.17		1.01		.40	.36		.09	.03			.43	.69		.05											3.97
DIANA	.11				.32	.15		.99	.02	.32	.30		.05	.06			.58	.42		.06											3.38
VIN	.08	.01	.01		.47	.11		.55		.57	.16		T	.01			.70	.60		.08										T	3.35
KSON SUMMIT r					.03	.04		.72	.01	.06	.13		*	*			*	1.30		.04			.14	.01							2.48
GESTOWN 2 NW z	.03	.01				T		.85	.22		.07	.45	.03	.34				1.17	.85	.10	.01			T		.01	T				4.14
NSTOWN 1	T		.10	T	.04	.60		.72	.34	.43	T	.31	T	.11			.62	.78	T	.08	T			T							4.13
NSTOWN 2 r	.09				.63	.02	.08	.92	.03	.41	.20		.10				.46	.33	.08	.02										.17	3.54
E 1 NW	.06				.02	.05	.02	1.13	.01		.11	T	.30	.07		.04	1.08	.01	.06	.01		T	T							.07	3.04
E 5 SE z	.07				.03	.03	.04	1.11	.01		.07		.31	.03		.03	1.05		.05											.02	2.85
THAUS	.02					.14		.41	.65		.50	.18		.09				.50					T								2.49
GAR 4 SE	.15	.03	.05		1.25	.16	.12	1.25	.05	.22	.15	.09	.10	.05			1.05	.18	.14	.16		T	T							.32	5.52
SGEVILLE 3 W	.57	T				.40		.09	.42			.08						.65							T						2.21
AYETTE MC KEAN PARK	.04					.05	.03	.30	.93	.03	.03	.08	.07	.36			.20	.92		.07											3.11
EVILLE 1 N	.13	.04				.17		.08	.19		.14	.06		.04				.94	.03	T					.09	T					1.91
CASTER 2 NE PUMP STA					.91	.35		.35	.30			.09		.05				.73		.03			.15	.07	.01						3.04
CASTER 2 NE FILT PLT r					1.07			.62			.03	.05					.12	.51	.02	.03			.19								2.64
CASTER 3 NE EXP FARM	.25	T				1.12		.06	.43			.10		.06				.68		.02					.15	.02	T				2.89
SSFORD	.17	T				.80		.03	.50		.03	.05		T				.93						*	.12	T					2.63
SSFORD FOREMANS SHOP	.37	.01				.74		.03	.50		.03	.05		T	T			.97		.01				.01	.08						2.80
ROBE	.13			T		.44		.28	.54	.24	.33	.08	T	.05				1.10	.01	.10	T										3.30
RELTON STATE VILLAGE r	.04				1.00	.35		.89		.02	.03		.02				.87	.36					.21								3.79
RENCEVILLE	T							.82			.20		.12				.85	.42		T			.12								2.53
ANON	.03		T			1.36		.03	.66	T	T	.10		.02				.92		.05				.32	.10	T					3.59
ANON 3 SW r					1.31	.01		.64			.07		.03				.43	.37		.02			.33		.06						3.27
CONTES MILLS 5 NW	.03					.07	T	.34	1.12		.35	.25		.17			T	.65		T				.06							3.04
IGHTON z	.28	T				.40		.03	.30	T	T	.07						.50						T	T						1.58
ROY	T							.90		*	.26		.18				.65	.08		T			.02								2.09
IS RUN 3 S	.03	T	T			.01	T	.25	.90	.01	.02	.09	.04	.35	T		.17	1.00	T	.19			T	T			T	T	T	T	3.06
ISTOWN z	.01					1.26		.15	.53			.14		.04				1.29					T	.40							3.82
ESVILLE 6 NW PENN LINE						.04	T	.66	.15		.08		.18	.36			.97	.98		.16			T	T							3.58
K HAVEN 1						.68		.15	.76		.58	.10		.06				1.17						.20							3.70
K HAVEN 2 r					.35	.28		.89		.54	.10		.06				1.05	.10					.17	.03							3.57
G POND	.15	.10				.35		.12	.55		.03	.05						.50	T	.20	.02			.02	.04	.02					2.15
IPPUS 1 E					.67	T		.88	.50	T	.07	T	T				.88	.55						.03	.22	T					3.55
LE GLEN	.17					.41			.16					.02				.29		.03				.05							1.33
LETON DEPOT						1.58	.14	.15	.39		T	.17		.03				.91		.08				.05							3.50
RCUS HOOK	.33					.59	T	T	.10			.02		.11				.20	.01				.20	.02	.09	.02					1.69
RIENVILLE r						.05	.07	.75			.11		.32			.08	1.02		.06	.04										.17	2.67
RION CENTER 2 SE			T			.60	.03	.36	.89		.48	.13	.02	.08			T	.96	T	.10											3.65
RSHBURG	.05			T	T	T		.35	.75		.07	.11	.06	.49			.26	1.00		.22	.02										3.38
RTINSBURG r					1.17	.28	.03	1.05			.13						.51	.09	.02					.08						.06	3.42
RTINSBURG BLAIR CO AP	.01	T	T		1.21	.30	T	1.11	.02	.04	.36		.01	T			.53	.06	.03			T	T	.08						.03	3.79
AMOLAS	.43					.07		.14	.21		.07							.71	.17						.07						1.87
JCH CHUNK 1 SW	.02				.02	.58		.28	.13		.01	.06						.85	T	T			T	T	.09						2.04
BURG	.25					.05		.30	.65		.05		.20	.55			.50	.75		.15											3.45
CONNELLSBURG					T	1.54	T	.27	.47			T		T				1.12		T				.19							3.59
CONNELLSTOWN 4 NW	.07					.88	.21	.23	.84	.03	.06	.06		T				.74		.06				.10							3.28
KEESPORT	.08				.08	.41		.06	.26	.42	.16		.08	.08			.11	1.10	.09												2.93
ADOW RUN PONDS r					.26	.05	.01	.44	.02	.16	.05	.05					.51	.07						.16							1.78
ADVILLE 1 S z			T			.06	.03	1.03	.12		.06	.52	.14	.60			1.20	1.46	.07	.24			.02								5.55
DIX RUN r					.05			1.00		.22	.23		.07				.44	.01												.14	2.16
RCERSBURG						1.95		.59						.05				1.26						.03								4.27
WINSBURG r					.24			.51			.03							.31													1.39
TERSDALE	.01				.02	1.01	.04	1.10	.32	.06			.18	.30				.35		.04											3.43
DDLETOWN OLMSTED FIELD	.02		T		1.45	.04		.66			.24	T	.03	T			.74	.38		.02			.12							T	3.70
DLAND DAM NO 7 LOWER	.04					.18		.49	.07	.08	.12	.01	.02	.09	.01		.32	1.17		.07											2.67
LAN r					.21			-		-	.08		.12	-			-	-		.02			.19								-
LANVILLE						.07		.02	.26		.49	.04		.02				.78	.04						.10	.04					1.86
LLERSBURG 2 E r					1.26	.01	*	.71		.05	*	.08					1.23	.42					*	.28							4.04
LLVILLE r	.04				.83	.07		.68		.03	.50		.03				1.30	.30					.14								3.92
LROY	.06					1.33		.80	T		.03	.55		.04				1.25						.30								4.36
WROE FURNACE r	.05				.36	.13		.68		.03	.31						.92	.21	.10	.01			.01	.17						.01	2.99
WROETON 2 S	.07	.02				.21			.81		.17	.11		.14	.05			1.99	T		.01			.18							3.76
NTROSE 3 E HGWY SHED	.31					.27		.09	.50		.28	.04	T	.18	.02			1.84	.01	.17	.03			.08							3.82
NTROSE r	-				-	-	-	-	-	-	-	-	-	-			-	-	-	-			-	-							-
OGROVE LOCK 8	.09	T			.07	.30	.03	.18	.26	T	.30	.08	.02	.05			.10	.87	T	.05	.01										2.41
UNT UNION 1 NW // r					*	*		2.20			.07							-	.01	.19			-	-							-
RRYSVILLE r	.04				.63	.04	.06	.45	.03	.65	.09		.05				1.14	.02	.05											.45	3.70
ERSTOWN						1.07		.11	.62			.12						.82		.03				.40	T						3.17
TRONA LOCK 4	.08					.59		.05	.28	.12	.34	.06	T	.05			T	1.04		.05	.03										2.69
FFS MILLS 4 NE z	.08					.42		.18	.08	.02	.03	.35		T				1.08		.08				.13							2.45
SHAMINY FALLS					*	.32		.26	.02		T			.04				.22						*	.55						1.41
WBURG 3 W					.87	.45		.98			.05		T				.86	.68		.02			.04							T	3.95
W CASTLE 1 N PUMP STA z					.13	.15	.15	.38		.06	.16	.02	.02	.17	.02	.18	1.16	.02	.08	.02										.27	2.99
WELL	.19				.22	.21	.07	.30	.23	.16		.08	.21	.08			.14	1.14		.15											3.18
W PARK					1.04	.45		.47	.18					.11				.43					.35								3.03
WPORT	T	T				1.45		.10	.62		.02	.04		T				.18		T				.02								2.43
W TRIPOLI	.03				.56	.06		.19	.09			.08		T				.66		T			.05		.05						1.77
RRISTOWN	.68					.59		T	.14			T		.01				.28	T				T	.09	.10	T					1.89
WELL 3 N		.03				.23			.29		.22			.27				1.46		.06				.13							2.69
LM	.89					.38		-	-									.45								.12					-
LMERTON z	T		T		.23		T	.26	T		.03	.03					.24	.31					T								1.10
RKERS LANDING	.13					.08		.30	.30		.17			.13				.29	.93		.08											2.41
RKERS LANDING 1 E r	.05				.07	.01	.10	.49		.16	.11		.04	.10		.10	.95	.03	.10												.20	2.51
RE PLACE 1 NW WB AP	.08				.61	.01	.01	.66		.02	.07	T	.01	T			.77	.54		T			.08	.04	.05						2.95
UPACK	.25	.51				.15		.07	.25		.07							.92	.05				.22								2.49
CKS POND	.15		.01			.14		.01	.24		.04	.02						.91	T	T	T				.08						1.60
ILADELPHIA FRANK INST	.27					.36		.03	.11			.03		.15				*	.22	.03			.05	.02	*	.42					1.69
ILADELPHIA WB AIRPORT z	T		T		.52	T	T	.12			T		.09	.01			T	.17					.13	.38	.11						1.53
ILADELPHIA PT BREEZE z					.42		T	.13			T		.07					.17		T			.05	.34	.05						1.23
ILADELPHIA SHAWMONT					.47	.12	.08	.13			.03		T	.07				.28		.03		.07	.07	.14	.15						1.64
ILADELPHIA WB CITY z					.46	T	.02	.12			T		.07	T			T	.20		.02			.07	.38	.05						1.39
ILLIPSBURG 7 E AP r	.05		T		.18	.04	T	1.29		.26	.27		.07	.06			.85	.07	.02				.02	T						.10	3.28
OENIXVILLE 1 E PUMP STz					.53			.08					.01					.29						.06							.97
KES CREEK r	.04				.42	.05		.57		.25	*	*	.13				.94	.37					.10	.02	.08						2.97
NE GROVE 1 NE	.11	T				1.01		.02	.81		.02	.12		T				1.28		T				.45	.03						3.85
NE GROVE MILLS 1 S r	.02				.41	.12		.64		.06	.26						.88	.05	.04	.01			.05	.21						.02	2.77

See reference notes following Station Index.

DAILY PRECIPITATION

PENNSYLVANIA

Table 3—Continued

OCTOBER 1948

Station	Day of Month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PITTSBURGH 7 SE WB AP z	.02		T		.53	.03	.06	.22	.02	.68	.02	T	.03	.02		T	1.15	T	.06	.01						T					.29	3.14
PITTSBURGH WB CITY z	.02	T			.54	.03	.07	.34		.85	.06	T	.06	.04		T	1.21	.01	.06	.01						T					.30	3.60
PLEASANT MOUNT 1 W z	.25					.06		.08	.50		.79	.12		.06				1.24	.05						.18	.03						3.36
PORT ALLEGANY	.05	.02				.08		.11	.60	.01	.03	.16	.03	.31			.09	.87	.02	.05	.08											2.51
PORT ALLEGANY 3 SW	.08					T		.24	.61		.04	.29	.05	.33				.94		.09	.08											2.75
PORT CLINTON z	.16					.66			.53		.03	.11		.03				.76						.02	.26							2.56
PORTLAND	1.01					.30		.04	.11		.02	.03						.47		.04					.02							2.04
POTTSTOWN	.02	.43				.27	T		.04					.16				.46		.06					T							1.44
POTTSVILLE		T				.71		.03	.62					T				1.15						.25	.10							2.86
PUNXSUTAWNEY 1	.04					.15		.32	.87		.38	.09	.05	.06			.05	.83	.04	.07												2.95
PUNXSUTAWNEY 2 r					.10		.08	1.07		.32	.13		.05	.03		.04	.72	.01	.03											.18	2.76
PUTNEYVILLE 2 SE z	.07					.27	.02	.32	.43		.25	.11		.10			.10	1.00	.02													2.69
QUAKERTOWN	.25				.29	.15		.20	.01		T			.02				.38		.04			.05	.04	.02							1.45
RAYMOND r	.18				.07	.04	.03	1.02	.01	.02	.40		.21	.20		.02	.77		.03	.05												3.05
READING WB CITY z	.07		T		.51		T	.15		T	.04	.04	.03	T			.14	.45	T	.04			.02		T							1.49
RENOVO	.16					.09		.08	.76		.34	.32		.07				.99			T			.12								2.93
RENOVO 6 S STATE CAMP r					.12			1.17	.01	.32			.14				.99	.17					.10	.01								3.03
RETREAT FARMS	.03				.01	.53		.29	.30	.07	.08	.12	T	T			T	1.32					.02		T							2.77
REW	.02	.01				.03		.16	.78	.01	.03	.09	.04	.52			.16	.94		.08	.10											2.97
RICES LANDING LOCK 6	.17				T	.30		.10	.22	.06		.10	.08	.12				1.39		.04												2.58
RIDGWAY z	.21	.02				.05	.02	.18	.85		.03	.23		.35			.11	.83	T	.02												2.90
ROCHESTER 1 N r					.31		.10	.54	.03	.16	.05		.05	.06		.24	1.05	.01	.06												.01	2.67
RUSH 6 S		.02				.37			.52		.27	.15		.17				1.45		.10				.12								3.17
SAGAMORE 1 SE	.05					.43	.02	.35	.55	T	.37	.08		.05			T	.98	T	.07												2.95
SALTSBURG	.08	T	.03	T	.07	.67	T	.39	.31	.42	.29	.14	T	.15			T	1.24	T	.06	.03											3.88
SAXTON z						1.25	.08	.19	.59			.08	.05	.04				.96		.05				.04								3.33
SCANDIA r							.03	1.01		.01	.21		.67	.11		.15	.91	.05	.11	.04												3.30
SCHENLEY LOCK 5	.14					.61	.01	.09	.29	.03	.30	.11	T	.04			.05	.97		.06	.04											2.74
SCRANTON WB CITY z	.03				.07	T		.23		.20	.09	.03	.02	T			.74	.39	T	.01			.01		.10							1.92
SELINSGROVE AIRPORT	.02				.30	.95	T	.65	.02	.04	.03	.19	T	T			.32	1.27		T			.06	.13								3.98
SELLERSVILLE 2 NW r					-			.04																								-
SEWARD	.20				.11	.95		.65	.12	T	.08	.03	.02	.03			.03	.84	.05	.28												3.39
SHADE GAP r					.75	.37		.67			.18						.65	.29	.05													2.96
SHAMOKIN		.06				1.32		.02	.67		.03	.11		T				1.95						.30								4.46
SHARPSVILLE						.10	T	.58	.15		.02		.02	.28			.65	.62		.03												2.45
SHEFFIELD 6 W C GROVE r	.08						.10	.79			.28		.32	.10		.15	1.15	.05	.09	.05											.06	3.22
SHIPPENSBURG					.34	1.64		.67			.02	.23	T	T				1.55		T			T	.05								4.50
SMETHPORT HGWY SHED r	.04					.01	.07	.84		.05	.21	.01	.28	.08		.02	.90	.01													.08	2.60
SOMERSET WATER WORKS	.20		.06		.60	.16	.01	.91	.02	.03	.11		.12	.06			.35	.22		.17												3.02
SOMERSET 2 E SUBSTATION					.10	.77		.67	.25									.55														2.34
SOUTH CANAAN 1 E r					.05			.34		.25		.10					.33	.45							.09							1.61
SOUTH MOUNTAIN				T	.01	2.78	.03	.23	.48		T	.62		.06				1.72						.06								5.99
SPRING GROVE z	T				.85	1.07		.49	.16			.15		.12				.82					.18									3.84
SPRINGS 1 SW					.68	.06	T	1.09	T	.08	.02		.30	T	.02		.30	.15		.14				T							.10	2.94
SPRUCE CREEK	.04					.64	T	.36	.71	.03	.05	.17		.07				.73		.09				.16								3.05
STATE COLLEGE z	.02				.25	.27	T	.56	T	.08	.10		.02	.01			1.00	.09	.02	T			.16	.02							.02	2.62
STRAUSSTOWN	.09	.02		.01		.95		.03	.59			.07		.02				.77		.01				.28	.26	.04						3.14
STRONGSTOWN r	.11				.71			1.54		.52	.10		.07	.03			.62	.10	.05												.23	4.08
STROUDSBURG SUBSTATION	.69					.35		.06	.17			.03						.52		.02					.01	.01						1.86
STROUDSBURG r					.33		.03	.12									*	.50	-	-					-							-
STUMP CREEK						.12		.23	.81		.38	.13		.12				.77		.04												2.60
SUNBURY z	T	.08				1.23		.08	.55		.03	.21		.01				1.50						.21								3.90
SUNBURY 2 N AIRPORT	.08				1.05	.07	T	.66		.03	.31		.01	T			1.05	.43		T			.20	.01								3.90
SUSQUEHANNA	.36	T	T			.09		.08	.30		.21	.07	.01	.08			T	1.21	.03	.03	.03											2.50
SUTERSVILLE	.09	T				.38	T	.12	.32	.09	.30	.07		T				1.16		.07												2.60
TAMAQUA						.68		T	.51			.08						1.04							.11							2.42
TAMAQUA 4 N STL CR DAM z	.17	.07				.68		.01	.55		.01	.05		T				1.13	T					.05	.07	T						2.79
TAMARACK 2 S FIRE TOWER	.03	T	T			.08	T	.33	.78		.31	.28		.15			T	.83		T	T			.07								2.86
TIONESTA 2 SE DAM z	.22					.01	T	.26	.38		.02	.24	.01	.56			.23	1.05	T	.22												3.20
TITUSVILLE 2 S	.01				T	.06		1.11	.14		.23		.39	.30			1.12	.30		.27											.08	4.01
TITUSVILLE r						.04	.11	1.06			.25		.65			.11	1.12	.08	.14	.10											.16	3.82
TOWANDA z	.06					.15		.61	.02	.07	.15	T	.14	.02			.81	.77		.03	T		.13	.01								2.97
TOWER CITY 5 SW					.65	.98		1.04				.34		.05				1.82		.08			.16	.19								5.31
TUNKHANNOCK 1 S z						.27			.47		.54	.07		T				1.47						.06	.05							2.93
TUNNELTON // r	.10				.62		.10	.61	.02	-	-	-	.08				1.05	.09	.04	.06											.30	-
TYRONE 4 NE BALD EAGLE r	.03				.32	.05		1.40		.10	.24		.06				.78	.03													.15	3.16
UNION CITY 1 W r						.02	.20	1.05	.02		.36	.02	.59	.01		.17	1.74	.10	.10	.03											.17	4.58
UNIONTOWN	.14				.34	.03	.07	.41		.06	.11	.08	.42				1.38	.08	.05	T											.15	3.32
VANDERGRIFT	.06					.68		.17	.15	.30	.30	.18		.10			.60	.45		.10	.08		T									3.17
VANDERGRIFT 2 W r					.37		.08	.44		.54	.03		.09				1.03	.02	.05	.05											.40	3.10
VIRGINVILLE	.56	.05				.38			.29	T		.11		T				.55		.04				.09	.06							2.13
WARREN	T					.04	.02	.19	.62		.01	.24	.10	.26			.26	.89		.10	T											2.73
WASHINGTON r	.01				.26	.03	.18	.49		.30	.05	.03	.06	.01			1.33		.04												.22	3.01
WATROUS 9 S LEE FIRE TWR	.01	T				.09	T	.07	1.11	.04	.19	.28		.23	.01			1.02			T			.32								3.37
WATSONTOWN	.05				.29	1.27		.61	.25	.05	.16		.03	.03			.77	.92		T			.12	.07								4.62
WAYNESBURG 2 W r	.06				.25	.02	-	-		-	.05	.07	.05				*	1.32	.03												.21	-
WAYNESBURG 1 E	.20	.03				.24		.10	.18	T	.01	.07	.03	.03			.02	1.23		.04													2.18
WEBSTER MILLS 3 SW r					1.20	.38		.68					.30				.75	.26					.06	.04							.02	3.69
WELLSBORO						.19		.04	.64	T	.10	.26		.10			T	1.41		T				.23								2.97
WELLSBORO 2 E r					.07	.09		.61		.06	.24		.05	.03			1.26	.08					.19									2.68
WELLSVILLE	T				.70	.85		.75	.02		T	.14		T				1.43					.06	T								3.95
WERNERSVILLE	.17		T		.81	.02		.32	.01			.10		.05				.61	T	.05			.21	.02	.08							2.45
WEST CHESTER					.67		T	.10			T		.09					.31		.02			.05	.04	.03							1.31
WEST GROVE 1 SE	1.73					.66		.03	.10			T		.10				.35					T	.03								3.00
WHITESBURG	T		T		.10	.40		.35	.40	T	.40	.20	T	.05			T	1.50	T	.12											T	3.52
WILKES BARRE	.18	T				.45			.35		.12	.12		.02	T			1.27			T			.05	.04	T						2.60
WILLIAMSPORT 4 SE	T					1.30		.01	.92		.58	.02		.05				1.49						.25		.02						4.64
WILLIAMSPORT 4 E WB AP	.02				.56	.56	T	.88		.61	.13		.09	.01			1.12	.12		T			.28	.02							T	4.40
WILLIAMSPORT z		.04				1.40		.02	1.01		.60	.20		.17				1.18						.39								5.01
WILLIAMSTOWN	.10					1.49		T	.90	T		.32		.08				1.60						.42								4.91
WIND GAP 3 SW r					.30			.13									*	.55														.98
YORK 3 SW PUMP STATION					1.25	.99		.47	.16			.15		.12				.73					.26	.02								4.15
YORK 2 S FILTER PLANT r					1.78	.07		.48			.14	.04	.02				.25	.40					.19								.02	3.39
YORK HAVEN	.02					1.58		.08	.72			.08						.91	T					.25	T							3.64
YOUNGSVILLE r						.04	.13	.72			.29	.03	.46	.02	.04	.16	1.14		.06	.02											.10	3.21
ZIONSVILLE 1 SW	.10				.40			.30										.60		.05			.05								1 50	

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4

Station	A M Hour ending												P M Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
BION		.04		.01																					.05
LENS MILLS				.08																					.08
STINBURG 2 W						.04																			.04
OCA WILKES-BARRE SCRANTON AP 6									*	*	*	*	*	.01											
AIRSVILLE 6 ENE 6			*	*	*	*	*	.18																	
AKESLEE CORNERS											.01														.01
SWELL	*	*	.12	.05	.03																				.20
OOKVILLE AIRPORT 6	*	.02																							
CKSTOWN	*	*	.04	.01																					.05
TLER SUBSTATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARLEROI	*	*	*	.06	.01																				.07
ARION 3 SW			.01	.02																					.03
ALPORT			.03		.01	.01	.03	.01																	.09
NFLUENCE 1 SW	.01	.01	.02																						.04
NNELLSVILLE 4 N	*	*	*	.13																					.13
ESSON 1 E SUMMIT		.01		.01																					.02
RWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.01																	
BOIS 7 E												.01	.01			.01		.01							.04
NLO		.01	.01	.01			.01																		.04
PORIUM						.01																			.01
GLISH CENTER								.01	.01																.02
IE WB CITY																	.01	.02							.03
IE AIRPORT 6															*	*	*	*	*	.01					
OD SPRINGS 1 NW									.01																.01
EENSBURG 2 E HGWY SHED	.07	*	.03																						.10
ME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DIANA 2 SE		.03																							.03
MESTOWN 2 NW										.01		.01													.02
HNSTOWN 2	*	*	.04	.03	.02																				.09
NE 5 SE	.04		.02	.01																					.07
URELTON STATE VILLAGE							.03	.01																	.04
RTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.01																	
LLVILLE									.03	.01															.04
NROE FURNACE					.01	.02		.01		.01															.05
RRYSVILLE	.01	.01	.01	.01																					.04
FFS MILLS 4 NE						.03	.02																		.05
RKERS LANDING 1 E	*	*	.05																						.05
RK PLACE 1 NW WB AIRPORT 6									*	*	*	*	*	.08											
KES CREEK									.04																.04
NE GROVE MILLS 1 S					.01	.01																			.02
TTSBURGH 7 SE WB AIRPORT //			.01		.01																				.02
TTSBURGH WB CITY	.01				.01																				.02
YMOND		.01	.02	.02	.05	.07		.01																	.18
ADING WB CITY											.07														.07
DGWAY				*	*	.17																			.17
RANTON WB CITY									.01	.02															.03
EFFIELD 6 W CHERRY GROVE	.07			.01																					.08
ETHPORT HGWY SHED				.01	.03																				.04
ATE COLLEGE						.01	.01																		.02
RONGSTOWN	.01	.05	.02	.02	.01																				.11
NBURY								.05	.02	.01															.08
NBURY AIRPORT 2 N 6									*	*	*	*	*	.08											
MAQUA 4 N STILL CREEK DAM										.06															.06
ONESTA 2 SE DAM //	.01	.02																							.03
WANDA								.02	.01																.03
NNELTON //	.05	.02	.01	.02																					.10
RONE 4 NE BALD EAGLE						.02	.01																		.03
SHINGTON	*	.01																							.01
YNESBURG 2 W	.04	.02																							.06
—2d—																									
CKSTOWN																							.02		.02
NNELLSVILLE 4 N																			.06	.12					.18
IE WB CITY																	.01	.01	.02					.01	.05
IE AIRPORT 6															*	*	*	*	*	.09	*	*	*	*	
ERETT																								.03	.03
ADVILLE 1 S												.01													.01
—3d—																									
ESSON 1 E SUMMIT				.02																					.02
IE AIRPORT 6	*	.01																							
RRISBURG 3 S WB AIRPORT											.02														.02
—4th—																									
LENTOWN BETHLEHEM-EASTON WB AP															.01	.07	.01	.03	.07	.02	.02	.04	.01	.01	.29
STINBURG 2 W																							.02	.04	.06
OCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.04	*	*	*	.10	
THLEHEM LEHIGH UNIV															.01	.02	*	*	*	*	*	.10	.01		.14
AIN													.03	.07	.02	.03	.03	.02			.25	.25	.23	.29	1.22
AIRSVILLE 6 ENE 6			*	*	*	*	*	.02	*	*	*	*	*	.37	*	*	*	*	*	.18	*	*	*	.08	
AKESLEE CORNERS																.02	.05	.03	.06	.10	.04	.02	.02		.34
SWELL							.09	.01	.01	.08	.01	.10	.10	.09	.01	.05	.02	.01	.01	.01		.01	.01	.03	.65
OOKVILLE 6 ENE 6															*	*	*	*	*	.08	*	*	*	.02	
CKSTOWN							.05	.06	.09	.02	.11	.06	.10	.04	.07	.02	.08	.10	.09	.03	.10	.01		.01	1.04
TLER SUBSTATION													-	-	.06	.03	.08	.01	.01						-
RTER CAMP																		.01	.01	.01	.01	.01			.05
AMBERSBURG										.05	.05	.07	.10	.03					.05	.03	.07	.17	.11	.07	.80
ARLEROI									.06	.07	.05	.01	.05	.04			.01	.01							.30
ARION 3 SW																	.01				.01				.02
ALPORT											.02		.01	.02	.08	.05	.05	.03	.04	.03					.33
ATESVILLE 1 SW											.01	.01	.01	.16	.12	.05	.10	.15	.05	.02					.68
NFLUENCE 1 SW						.01		.02		.03	.05	.03	.03	.03	.03	.02	.01	.03	.02						.31
NNELLSVILLE 4 N								.09	.04	.07	.11	.10	.09	.09	.02	.06	.03	.02							.72
ESSON 1 E SUMMIT										.02	.04	.12	.06	.06	.04	.06	.30	.30	.04	.06					1.10
RWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.11					
NGMANS FERRY														.01				.01	.03	.01	.01	.03	.02	.03	.15
BOIS 7 E															.01	.01	.02	.03	.01	.01	.01				.10
NLO								.04	.01	.03	.13	.06	.08	.05	.06	.04	.05	.05	.15	.09	.11	.04	.01		1.00
SHORE																					.04	.04	.02	.01	.11
GLES MERE																		.01	.02	.01	.01	.03			.08
IPORIUM																			.03						.03
GLISH CENTER																		.02	.03	.02	.01	.02	.01	.02	.13
ERETT						.02	.06	.01	.04	.07	.06	.04	.11	.04	.11	.14	.18	.13	.12	.06	.09	.20	.09	.01	1.58
RD CITY 4 S //									.05	.08	.06	.04	.01	.05	.03	.08	.01	.01		.02	.01				.45
TTYSBURG 1 S								.03	.04	.03	.10	.10	.10	.02	.01	.07	.07	.17	.21	.05	.02	.08	.05	.05	1.20
LENCOE						.02	.07	.04	.09	.10	.17	.07	.14	.10	.02	.10	.05	.10	.08	.05	.02				1.22
LEN ROCK									.03	.01	.07	.08	.16	.33	.30	.15	.15	.15	.02	.03	.07	.08	.01		1.64
OOD SPRINGS 1 NW															.15	.15	.05	.07	.24	.19	.15	.20	.07	.03	1.30
REENSBURG 2 E HGWY SHED							.03	.03	.02	.08	.02	.03	.04	.05	.03	.03	.02	.01	.01		.02				.42
RRISBURG 3 S WB AIRPORT												.01	.02	.13	.16	.22	.07	.23	.13	.12	.26	.19	.04	.01	1.59
WLEY 1 S WALLEN DAM																				.01	.02	.01	.01	.02	.07
WITT 2 S						.07	.04	.04	.10	.11	.14	.05	.15	.10	.14	.06	.07	.13	.23	.20	.12	.06	.04	.05	1.90

See reference notes following Station Index.

Table 4–Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HOLLIDAYSBURG											.05	.02	.03	.03	.05	.06	.10	.06	.04	.06				.02	.52
HOLTWOOD									.01	.01	.05	.08	.15	.24	.25	.12	.14	.03	.02		.01				1.11
HONESDALE 6 N TANNERS FALLS //																					.03		.02	.03	.08
HUNTSDALE											.02	.04	.15	.12	.03	.04	.06	.06	.07	.27	.23	.25	.07	.09	1.50
INDIANA 2 SE								.07	.09	.09	.10	.04	.04	.04	.02	.07	.06	.03	.02		.07	.01	.01	.01	.77
JACKSON SUMMIT																								.03	.03
JOHNSTOWN 2							.02	.02	.01	.02	.06	.08	.02	.10	.01	.01	.02	.02	.02	.05	.07	.06	.04		.63
KANE 5 SE																				.02			.01		.03
LANCASTER 2 NE FILTER PLANT											.01	.02	.18	.20	.20	.17	.03	.14	.06	.03	.01	.01	.01		1.07
LAURELTON STATE VILLAGE																.07	.08	.07	.04	.09	.10	.17	.28	.10	1.00
LEBANON 3 SW													.04	.26	.20	.12	.10	.17	.13	.10	.07	.03	.02	.07	1.31
LEHIGHTON																.02	.06	.02	.12	.08	.05	.05	.01	.02	.43
LEWISTON													.01	.01	.09	.06	.09	.02	.02	.02	.10	.10	.30	.16	.86
LOCK HAVEN 2																	.08	.11	.05	.03			.05	.03	.35
MARTINSBURG						.01	.01	.01	.02	.05	.10	.06	.04	.02	.04	.04	.12	.08	.10	.15	.10	.05	.08	.09	1.17
MARTINSBURG BLAIR CO AIRPORT 6									*	*	*	*	*	.26	*	*	*	*	*	.52	*	*	*	.43	
MEADOW RUN PONDS	.01																.01	.05	.04	.01	.07	.02	.03	.02	.26
MEADVILLE 1 S																.01	.01								.02
MEDIX RUN																			.03	.02					.05
MERCER HGWY SHED												.01	.01					.01							.03
MERWINSBURG																.01	.04	.02	.05	.09	.01	.02			.24
MILAN																.02	.03	.01	.01	.02	.03	.02	.04	.03	.21
MILLERSBURG 2 E															.10	.12	.08	.07	.16	.22	.20	.15	.14	.02	1.26
MILLVILLE																	.05	.08	.10	.03	.05	.12	.20	.20	.83
MONROE FURNACE														.03	.05	.07	.03	.06	.03	.01				.08	.36
MONTROSE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MOUNT UNION 1 NW //																	.01	.02	.07	.10	.20	.24	*	*	*
MURRYSVILLE								.02	.06	.03	.09	.08	.08	.06	.07	.03	.04	.02	.02	.01				.02	.63
NEFFS MILLS 4 NE														.04	.05	.05	.05	.04	.03	.01			.01	.04	.32
NEW CASTLE 1 N												.03	.02	.01	.04	.02	.02	.01	.01						.16
PALMERTON																				.03	.03	,02	.06	.04	.18
PARKERS LANDING 1 E																		.04	.01		.01	.01			.07
PARK PLACE 1 NW WB AIRPORT 6																*	*	*	*	.33	*	*	*	.28	
PHILADELPHIA WB AIRPORT												.01	.03	.12	.11	.07	.08	.08	.01	.01					.52
PHILADELPHIA POINT BREEZE												.01	.05	.08	.13	.04	.07	.03			.01				.42
PHILADELPHIA WB CITY													.06	.11	.16	.05	.04	.01	.01		.01	.01			.46
PHILLIPSBURG 7 E AIRPORT														.02	.03	.07	.03	.01	.01					.01	.18
PHOENIXVILLE 1 E PUMP STATION															.02	.20	.03	.12	.13	.02	.04	.06			.62
PIKES CREEK																				.10	.14	.13	.04	.01	.42
PINE GROVE MILLS 1 S													.03	.04	.09	.03	.04	.05	.02	.01		.01	.01	.08	.41
PITTSBURGH 7 SE WB AIRPORT									.04	.04	.05	.11	.07	.04	.06	.03	.01	.02	.01			.01	.01	.03	.53
PITTSBURGH WB CITY									.06	.04	.04	.07	.06	.06	.07	.03	.02	.03	.02				.01	.03	.54
PLEASANT MOUNT 1 W																					.05	.01	.01	.01	.08
PORT CLINTON															.10	.03	.10	.07	.14	.13	.03				.60
PUNXSUTAWNEY 2															.02	.03	.02	.01	.02						.10
PUTNEYVILLE 2 SE											.01	.01	.01	.02	.01	.04	.05	.03	.03	.01	.01				.23
RAYMOND																				.03		.01	.02	.01	.07
READING WB CITY														.12	.07	.05	.06	.02	.11	.01	.01	.05	.01		.51
RENOVO 6 S STATE CAMP																	.02	.05	.03	.02					.12
ROCHESTER 1 N											.05	.06		.09	.02	.04	.03	.02							.31
SAXTON									.02	.05	.03	.06	.02	.04	.08	.06	*	*	*	*	*	*	*	*	*
SCRANTON WB CITY																				.02	.02		.01	.02	.07
SELLERSVILLE 2 NW	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SHADE GAP												.08	.08	.09	.02	.02	.01	.02	.03	.03	.12	.05	.11	.09	.75
SOUTH CANAAN 1 E																					.03		.02		.05
SPRING GROVE										.02	.08	.10	.24	.14	.10	.07	.25	.23	.07	.09	.15	.08	.04	.01	1.67
STATE COLLEGE															.02	.05	.03	.05	.02	.01				.07	.25
STRONGSTOWN								.02	.05	.10	.07	.08	.05	.08	.07	.03	.02	.04		.01	.07	.02			.71
STROUDSBURG																.03		.02	.08		.08	.10	.02		.33
SUNBURY															.04	.10	.10	.06	.05	.15	.17	.20	.18	.06	1.11
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.38	*	*	*	.67	
TAMAQUA 4 N STILL CREEK DAM																.03	.14	.08	.22	.11	.02	.02	.02	.01	.65
TOWANDA																						.02	.04	.03	.09
TUNKHANNOCK 1 S																					.06	.04	.04	.01	.15
TUNNELTON //								.06	.09	.01	.08	.08	.04	.04	.04	.04	.03	.05	.01	.03	.01		.01		.62
TYRONE 4 NE BALD EAGLE														.02	.08	.06	.04	.07	.03	.01	.01				.32
VANDERGRIFT 2 W									.03	.02	.10	.08	.02	.01	.04	.05	.01	.01							.37
WASHINGTON									.02	.08	.01	.07	.02	.01	.04	.01									.26
WAYNESBURG 2 W								.05	.01	.04	.05	.05		.02	.02	.01									.25
WEBSTER MILLS 3 SW							.03	.04	.06	.05	.09	.08	.10	.04	.05	.04	.03	.04	.04	.04	.15	.10	.10	.12	1.20
WELLSBORO 2 E																				.01	.02	.02		.02	.07
WILLIAMSPORT																.01	.04	.08	.05	.04	.04	.05	.27	.34	.92
WIND GAP 3 SW																.04	.03	.01	.06	.06	.05	.04	.01		.30
YORK 2 S FILTER PLANT											.04	.06	.12	.30	.40	.10	.15	.21	.09	.05	.12	.08	.05	.01	1.78

—6th—

AUSTINBURG 2 W	.01		.01																						.02
AVOCA WILKES-BARRE SCRANTON AP 6	*	.01																							
BLAIN	.13	.05	.05	.01																					.24
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.01							*	*	*	*	*	.01					
BOSWELL	.01	.01		.01		.01	.01																		.05
BROOKVILLE AIRPORT 6			*	*	*	*	*	.01																	
BUCKSTOWN	.03	.02	.01																						.06
CANTON 1 NW			.02	.02																					.04
CARTER CAMP							.01		.01		.01														.03
CHAMBERSBURG	.10	.05	.08	.10	.07	.08	.02																		.50
CHARLEROI	.01	.01	.01									.01													.04
CLARION 3 SW				.01								.01													.02
CRESSON 1 E SUMMIT					.02	.01	.05	.02																	.10
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.01											
DINGMANS FERRY	.01			.01			.01	.02																	.05
DUNLO							.02	.02	.01						.01										.06
DUSHORE	.01		.03	.01																					.05
EAGLES MERE	.02	.06	.02																						.10
ENGLISH CENTER	.06	.04	.04	.02	.03	.01	.01	.01	.02																.24
ERIE WB CITY																									.01
ERIE AIRPORT 6																									
EVERETT	.05	.01	.01	.01	*	*	.04	.04	.01	.01	.01	.01													.20
FORD CITY 4 S //	.01	.01		.01				.02																	.05
GETTYSBURG 1 S	.03	.15	.12	.06	.02																				.38
GLENCOE																.05	.04	.01							.10
GLEN ROCK	.01	.01									.01														.03
GOOD SPRINGS 1 NW	.03																								.03
HARRISBURG 3 S WB AIRPORT		.01		.01																					.02
HAWLEY 1 S WALLEN DAM	.03	.01																							.04
HEWITT 2 S		.04	.01		.05	.03																			.13
HOLLIDAYSBURG				.03	.03	.02				.04	.01														.13
HUNTSDALE	.16	.03																							.19
JACKSON SUMMIT	.02					.02																			.04
JOHNSTOWN 2								.01	.01																.02
KANE 5 SE	.01	.01		.01																					.03
LAURELTON STATE VILLAGE	.30	.01	.04																						.35
LEBANON 3 SW	.01																								.01
LEHIGHTON	.01																								.01
LEWISTON	.09	.10	.05	.01																					.25

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A M Hour ending												P M Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CK HAVEN 2	.12	.08	.02		.01	.02	.01	.01		.01															.28
RIENVILLE								.03	.02																.05
RTINSBURG	.03		*	*	*	.20			.01	.01	.01	.01		.01											.28
RTINSBURG BLAIR CO AIRPORT 6	*	.03	*	*	*	*	*	.22	*	*	*	*	*	.05											
ADOW RUN PONDS	.04	.01																							.05
ADVILLE 1 S			.01			.01											.01	.01	.01						.05
LLERSBURG 2 E	.01																								.01
LLVILLE	.02	.04																.01							.07
NROE FURNACE	.06	.01	.04	.01						.01															.13
NTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNT UNION 1 NW //	*	*	*	*	*	*	*	*																	*
RRYSVILLE	.01		.01	.01																		.01			.04
FFS MILLS 4 NE	.04	.02	.01		.01																				.08
LMERTON	.02	.02	.01																						.05
RKERS LANDING 1 E						.01																			.01
RE PLACE 1 NW WB AIRPORT 6	*	.01																							
ILLIPSBURG 7 E AIRPORT	.01	.01	.01	.01		.01			.01		.01														.07
KES CREEK	.03	.02																							.05
NE GROVE MILLS 1 S	.06	.01	.04		.01																				.12
TTSBURGH 7 SE WB AIRPORT //	.01						.01															.01			.03
TTSBURGH WB CITY	.01																						.01	.01	.03
YMOND			.01					.01	.01	.01															.04
XTON	*	*	*	*	*	*	*	*	*	*	*	*	*	.88											1.24
ADE GAP	.15	.03	.02	.05	.03	.03	.03	.01	.02																.37
ETHPORT HGWY SHED																								.01	.01
ATE COLLEGE	.08	.07	.09	.03																					.27
NBURY	.02	.01	.01																						.04
NBURY AIRPORT 2 N 6	*	.04	*	*	*	*	*	.03																	
ONESTA 2 SE DAM //				.01													.02								.03
TUSVILLE			.02	.01	.01																				.04
WANDA	.01																								.01
MEHANNOCK 1 S	.04	.05																							.09
RONE 4 NE BALD EAGLE				.01		.03		.01																	.05
ION CITY 1 W																				.01	.01				.02
HINGTON	.01	.01	.01																						.03
YNESBURG 2 W											.01		.01												.02
BSTER MILLS 3 SW	.08	.07	.04	.05	.03	.04	.02		.05																.38
LLSBORO 2 E		.05	.03	.01																					.09
LLIAMSPORT	.13	.16	.07	.05			.01	.01	.02																.45
RE 2 S FILTER PLANT	.01	.01	.01	.01					.01	.01		.01													.07
UNGSVILLE				.01	.01			.01																.01	.04
													—7th—												
IOS																						.16	.22	.25	.63
LENS MILLS																								.09	.09
LENTOWN WB AIRPORT																								.01	.01
THLEHEM LEHIGH UNIV																		.02	.04	.02		.01	.01		.10
AIRSVILLE 6 ENE 6																					*	*	*	.02	
SWELL																								.07	.07
OOKVILLE AIRPORT 6																					*	*	*	.10	
CKSTOWN																								.21	.21
TLER SUBSTATION																					.06	.02			.08
ARLEROI										.01	.01						.01	.01		.08					.12
ARION 3 SW																					.09	.02	.02		.13
NFLUENCE DAM																					.01	.02	.01	.08	.12
NNELLSVILLE 4 N																						.02			.02
BOIS 7 E																								*	*
NLO																								.10	.10
PORIUM																							.01		.01
IE WB CITY																						.24	.29	.18	.71
RD CITY 4 S //																					.03	.06		.01	.10
NCOE																								.10	.10
ENSBURG 2 E HGWY SHED																				.02	.09				.11
LLIDAYSBURG																								.10	.10
DIANA 2 SE																						.02			.02
MESTOWN 2 NW																					.13		.35	.03	.51
HNSTOWN 2																								.08	.08
NE 5 SE																							.04		.04
RIENVILLE																							.05	.02	.07
RTINSBURG																						.01	.01	.01	.03
ADOW RUN PONDS																								.01	.01
ADVILLE 1 S																					.12	.06	.10	.34	.62
RCER HGWY SHED																					.08	.08		.08	.24
LLERSBURG 2E																				*	*	*	*	*	*
RRYSVILLE																					.04	.02			.06
W CASTLE 1 N																				.03	.07			.03	.13
RKERS LANDING 1 E																					.01	.06	.02	.01	.10
RE PLACE 1 NW WB AIRPORT 6																					*	*	*	.01	
ILADELPHIA WB CITY																						.01		.01	.02
TTSBURGH 7 SE WB AIRPORT //																					.04	.01	.01		.06
TTSBURGH WB CITY																					.05	.02			.07
NXSUTAWNEY 2																						.06	.01	.01	.08
NEYVILLE 2 SE																						.14			.14
YMOND	.01	.01		.01																					.03
DGWAY																								.07	.07
CHESTER 1 N		.01	.01	.01																.03	.02	.01	.01		.10
ANDIA																								.03	.03
EFFIELD 6 W CHERRY GROVE																								.10	.10
ETHPORT HWGY SHED				.01			.01															.01	.01	.03	.07
RING GROVE						.01			.01	.01															.03
ROUDSBURG																						.02	.01		.03
ONESTA 2 SE DAM //																						.05	.08	.02	.15
TUSVILLE																						.02	.09		.11
WNELTON //																						.09	.01		.10
ION CITY 1 W																						.06	.14		.20
NDERGRIFT 2 W																					.08				.08
SHINGTON																				.05	.13				.18
YNESBURG 2 W				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNGSVILLE				.01																				.12	.13
													—8th—												
BION	.05	.03	.09	.03	.05	.01									.45						.07	.03	.01	.01	.83
LENS MILLS		.01					.07	.13	.11	.01	.07	.09	.32	.09		.06			.01					.01	.98
LENTOWN WB AIRPORT	.03	.04	.01	.01			.02	.01					.03	.03	.02					.03	.01				.24
STINBURG 2 W				.02	.08	.07	.04	.05	.15	.13	.08	.15	.08	.34	.02										1.21
OCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.01	*	*	*	*	*	.08	*	*	*	*	*	.18	*	*	*	.01	
THLEHEM LEHIGH UNIV		.01												.01	.01					.02	.01				.06
AIN						.06	.02	.08	.03	.07	.03	.07		.10	.10	.10									.66
AIRSVILLE 6 ENE 6	*	.01	*	*	*	*	*	.36	*	*	*	*	*	.45	*	*	*	*	*	.30					
AKESLEE CORNERS		.02	.01	*	*	.03				.01	.01	.02	.08	.02	.05	.01	.04	.15	.11	.02	.01	.01			.60
SWELL	.01	*	*	.11	.14	.10	.03	.08	.10	.06	.32	.02				.21	.04		.05						1.27
OOKVILLE AIRPORT 6	*	.02	*	*	*	*	*	.28	*	*	*	*	*	.48	*	*	*	*	*	.01					

See reference notes following Station Index.

Table 4–Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BUCKSTOWN	.06	.09	.15	.04	.01	.10	.23	.20	.09	.02	.06	.07						.01	.01	.01					1.15
BUTLER SUBSTATION	.07	.08	.01	.01				.02	.26	.02						.06	.03	.01							.57
CANTON 1 NW									.01	.04	.11	.07	.03	.01	.06	.10	.04	.04							.51
CARTER CAMP			*	*	.18	.05	.02	.08	.15	.17	.08	.10	.05	.27	.03										1.18
CHAMBERSBURG					.06	.02	.10	.05	.10	.13	.02				.14	.01									.63
CHARLEROI						.02	.01		.06	.01		.01			.13			.05	.01						.30
CLARION 3 SW		.04	.02	.01	.01	.01		.01	.07		.22			.01	.04			.01							.45
COALPORT		.03	.07	.06	.04	.03	.21	.26	.08	.04	.05	.13	.28	.02				.13							1.43
COATESVILLE 1 SW							.01	.01			.01	.03	.02	.01	.01					.02	.01				.13
CONFLUENCE 1 SW	.02	.06	.01	.03	.08	.11	.06	.10	.02	.10	.18						.02			.01					.80
CONNELLSVILLE 4 N					.01	.08	.05	.13	.01		.15				.01	.08	.01	.01	.02	.01					.57
CRESSON 1 E SUMMIT	.10	.05	.10	.10	*	*	.15	.10	.20	.10	.04	.16					.10								1.20
CUPWENSVILLE 6 NW AIRPORT 6	*	.05	*	*	*	*	*	.31	*	*	*	*	*	1.12	*	*	*	*	*	.12	*	*	*	.04	
DINGMANS FERRY						.02	.05	.03						.02	.08	.01	.04	.01							.26
DRIFTWOOD					.02	.08		.05	.07	.06	.06	.02	.22	.32	.08	.02									1.00
DU BOIS 7 E	*	.02	.01	.03		.05	.11	.09	.09	.09	.02	.30	.07		.10		.05								1.03
DUNLO	.08	.07	.13	.02	.02	.08	.18	.28	.09	.02	.01	.13	.03		.02	.01			.01					.01	1.19
DUSHORE										.01	.14	.06	.05			.02	.16	.10	.04						.58
EAGLES MERE								.02	.08	.03	.19	.10	.09	.01		.29	.15	.14	.02					.01	1.13
EMPORIUM		.01	.01	.03	.04	.05	*	*	*	*	*	*	*	*	*	*	*	*	*	.95					1.09
ENGLISH CENTER						.02	.08	.03	.11	.10	.04	.08		.10	.16	.04									.76
ERIE WB CITY	.16	.02	.06	.02	.06	.02	.01									.15	.08	.01			.07	.04	.01	.02	.73
ERIE AIRPORT 6	*	.87	*	*	*	*	*	.22							*	*	*	*	*	.11					
EVERETT			.07	.10	.02	.01	.07	.13	.20	.10		.13													.83
FORD CITY 4 S //						.01	.04	.01		.04	.10			.04	.01	.12	.03								.40
FRANKLIN		*	*	.39	.04	.02	.09	.01	.07		.08								.03				.03		.76
GETTYSBURG 1 S	.01		.01	01	.01	.01	.03	.06	.07	.06	.12		.01		.01	*	*	*	*	*					*
GLENCOE	.10	.10	.20	.02	.03	.05	.10	.15	.17	.02	.03	.03													1.00
GLEN ROCK					.04	.01			.04	.05	.08	.07	.01					.13	.01						.44
GOOD SPRINGS 1 NW						.02			.03	.13	.12	.08			.05	.10	.35								.88
GREENSBURG 2 E HGWY SHED				*	*	.22	.08	.02		.10					.21	.01								.01	.65
HARRISBURG 3 SE WB AIRPORT				.01	.03	.04		.03	.05	.06	.13	.03					.13	.03							.54
HAWLEY 1 S WALLEN DAM								.02		.01		.01	.01	.03	.01			.01	.03	.01			.01	.01	.16
HEWITT 2 S		.03	.12		.03	.03	.11	.13	.15	.05		.15													.80
HOLLIDAYSBURG	.07	.13	.20	.02	.01	.02	.10	.20	.20	.10	.06	.19				.05									1.35
HOLTWOOD					.01	.02			.03	.04	.03	.11	.01												.25
HONESDALE 6 N TANNERS FALLS //								.04	.01	.01	.01		.10	.10					.03						.30
HUNTSDALE						.04	.03	.08	.04	.08	.08	.01	.01			.38	.05								.80
INDIANA 2 SE		.01			*	*	*	.31	.06	.02	.29	.08	.01	.01		.15	.04					.01			.99
JACKSON SUMMIT									.06	.08	.06	.08	.05	.04		.21	.06	.08							.72
JAMESTOWN 2 NW	.03	.09	*	*	.16								.01	.02	.02			.03	.02		.03	.02	.05		.48
JOHNSTOWN 2	.04	.06	.04	.03	.05	.15	.08	.08	.09	.01	.16	.01				.08	.01	.01	.01	.01					.92
KANE 5 SE				.05	.10	.04	.05	.08	.04	.10	.18	.32	.12	.01										.02	1.11
LANCASTER 2 NE FILTER PLANT					.02				.04	.06	.07	.11	.02					.30							.62
LAURELTON STATE VILLAGE				.02	.01	.02	.03	.07	.13	.10	.08	.02	.04	.06	.11	.14	.05	.01							.89
LEBANON 3 SW								.01	.05	.07	.16	.06	.01		.01	.01	.16	.10							.64
LEHIGHTON													.06	.08		.03	.02		.01	.06	.01				.27
LEWISTON					.02	.08	.02	.08	.08	.02	.03	.02		.17	.03	.05		.03							.63
LOCK HAVEN 2						.10	.05	.07	.11	.07	.06	.01	.01	.27	.10	.02	.01	.01							.89
MARIENVILLE	.01		.03		.05	.04	.01	.08	.02	.15	.05	.20	.02											.09	.75
MARTINSBURG	.06	.08	.10	.10		.02	.05	.13	.24	.14	.01	.08	.04												1.05
MARTINSBURG BLAIR CO AIRPORT 6	*	.08	*	*	*	*	*	.31	*	*	*	*	*	.72											
MEADOW RUN PONDS	.02	.03	.02						.01	.01	.01		.09		.01	.01	.01	.10	.08	.04					.44
MEADVILLE 1 S	.04	.14	.05	.03		.01		.07	.03					.01	.01				.02			.01	.01	.02	.45
MEDIX RUN		.01	.03	.01	.01	.02	.02	.10	.07	.08	.02	.03	.40	.08	.02	.09		.01							1.00
MERCER HGWY SHED	.05	.10				.06	.02	.05		.01		.01	.02				.01	.06							.39
MERWINSBURG		.05	.04	.01	.02			.02		.02		.01	.10	.09	.03	.05			.02	.05					.51
MILAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLERSBURG 2 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.71					.71
MILLVILLE								.02	.04	.07	.10	.05	.02	.01		.07	.20	.08	.02						.68
MONROE FURNACE		.01		.01	.04	.02	.01	.09	.11	.07	.03	.04	.11	.03	.01		.01							.09	.68
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT UNION 1 NW		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.56					2.20
MURRYSVILLE				.02	.01	.05				.12	.01	.02	.04		.01	.12		.01				.01	.01	.02	.45
NEFFS MILLS 4 NE		.01	.01	.03	.02	.02	.05	.07	.11	.07	.01	.01	.16											.02	.59
NEW CASTLE 1 N	.06	.08	.04	.01	.01	.04	.01	.02					.02				.09								.38
PALMERTON										*	*	*	*	.26											.26
PARKERS LANDING 1 E	*	*	.09	.01					.08	.11	.20														.49
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.02	*	*	*	*	*	.24	*	*	*	*	*	.40					
PHILADELPHIA WB AIRPORT														.03	.08						.01				.12
PHILADELPHIA POINT BREEZE														.02	.10						.01				.13
PHILADELPHIA WB CITY														.03	.09										.12
PHILLIPSBURG 7 E AIRPORT	.01	.12	*	*	.20	.04	.06	.10	.15	.07	.10	.21	.05				.10								1.21
PHOENIXVILLE 1 E PUMP STATION																.06	.04								.10
PIKES CREEK											.02	.15	.08	.07				.13	.10	.02					.57
PINE GROVE MILLS 1 S			.01		.03	.02	.02	.08	.08	.11	.04	.02	.03	.15										.05	.64
PITTSBURGH 7 SE WB AIRPORT //										.01			.01		.15	.03		.01						.01	.22
PITTSBURGH WB CITY										.10			.02		.07	.11					.01	.01	.01	.01	.34
PLEASANT MOUNT 1 W					.03	.05	.01	.03	.01	.02			.10	.08		.02	.02	.11	.10	.02					.60
PORT CLINTON										.02	.05	.05	.14	.01	.01	.02			.15	.03					.48
PUNXSUTAWNEY 2	.01	.01				.08	.14	.06	.02	.04	.26	.32		.06	.02		.03		.01		.01				1.07
PUTNEYVILLE 2 SE					.03	.09	.03	.04	.01		.20	.05	.01	.04		.01	.04								.55
RAYMOND		*	*	.02	.08	.01	.01	.08	.04	.08		.13	.47	.08	.01	.01									1.02
READING WB CITY											.01	.04	.07						.01	.02					.15
RENOVO 6 S STATE CAMP				.10	.02	.03	.05	.13	.10	.17	.10	.06	.24	.10	.03									.04	1.17
RIDGWAY						*	*	.13	.10	.01	.05	.24	.23	.15	.01	.01									.93
ROCHESTER 1 N		*	*	.34	.02	.01	.02	.07	.01				.05	.02					.07						.54
SAXTON				.04	.05	.03	.02	.08	.09	.23	.10		.02												.71
SCANDIA	.03	.01	.02	.07	.04	.06	.01	.09	.07	.07	.15	.19	.20												1.01
SCRANTON WB CITY			.01	.02	.02						.01	.02	.03	.02				.03	.05	.02					.23
SELLERSVILLE 2 NW														.02	.02										.04
SHADE GAP					.10			.12	.08	.08	.02		.10	.07	.07		.03								.67
SHEFFIELD 6 W CHERRY GROVE			.11		.02	.02	.05	.09	.09	.11	.19	.11													.79
SMETHPORT HGWY SHED			.02	.02	.01	.01	.10	.06	.04	.01	.09	.28	.19	.01											.84
SOUTH CANAAN 1 E	.01	.01					.06	.01	.01	.03	.01	.01		.01	.05	.05				.02	.05	.01			.34
SPRING GROVE			.02	.06	.01			.08	.07	.18	.02	.01					.14								.59
STATE COLLEGE			.01	.01	.01	.01	.02	.06	.07	.13	.04	.03		.14				.02						.01	.56
STRONGSTOWN	.01	.07	.03	.04	.06	.18	.07	.14	.14	.06	.26	.20				.09	.19								1.54
STROUDSBURG			.02	.05	*	.05																			.12
SUNBURY						.02	.01	.04	.04	.03	.07				.08	.12	.11	.01	.01						.54
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.04	*	*	*	*	*	.21	*	*	*	*	*	.41					
TAMAQUA 4 N STILL CREEK DAM								.01	.02	.02	.08	.03	.01	.05	.03		.22	.06							.53
TIONESTA 2 SE DAM		.01	.05	.01	.03			.02	.09		.20	.01	.01		.03		.01						.03		.50
TITUSVILLE	.08	.05	.09	.15		.09	.06	.11	.06	.05	.08			.04	.10			.10							1.06
TOWANDA									.05	.03	.12	.07	.03			.10	.10	.03	.01	.01					.55
TUNKHANNOCK 1 S											.01	.09	.06	.04				.18	.02	.03					.43
TUNNELTON //						.10	.06	.10		.01	.12	.02		.03		.14	.03								.61
TYRONE 4 NE BALD EAGLE		.07	.10	.10		.20	.02	.06	.10	.17	.07	.08	.20	.02	.01	.01	.04	.02	.01					.12	1.40
UNION CITY 1 W	.27	.08	*	*	*	.26	.04	.10	.08	.02					.13	.07									1.05
VANDERGRIFT 2 W					.01	.02				.14			.07		*	*	.20								.44
WASHINGTON	.01		.03	.07					.11			.01			.15		.09				.02				.49
WAYNESBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEBSTER MILLS 3 SW	.01	.01	.01		.10	.03	.02	.15	.06	.04	.05			.07	.13										.68
WELLSBORO 2 E						.01	.05	.03	.12	.12	.02	.02		.10	.08	.04	.02								.61
WILLIAMSPORT								.07	.11	.09	.05	.02	.01	.02	.40	.11	.04								.92
WIND GAP 3 SW			.02											.05	.03	.02				.01					.13

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A M Hour ending												P M Hour ending											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
YORK 2 S FILTER PLANT								.01	.07	.05	.20	.03	.01					.11						
YOUNGSVILLE	.03	.01	*	*	.16	.03		.04	.05	.10	.10	.20												
											-9th-													
ALBION	.02		.03	.02																				
AUSTINBURG 2 W																					.03			
BLAIRSVILLE 6 ENE 6	*	.01	*	*	*	*	*	.02																
BOSWELL		.01	.04																					
CANTON 1 NW													.01											
COALPORT								.01																
CONNELLSVILLE 4 N			.01	.01																				
DUNLO	.02	.01	.01	.01	.01			.01		.01	.01				.01									
EAGLES MERE					.01		.02																	
ERIE WB CITY	.01		.02	.02																				
ERIE AIRPORT 6	*	.17	*	*	*	*	*	.06																
GREENSBURG 2 E HGWY SHED	.02		.01																					
JACKSON SUMMIT																						.01		
JAMESTOWN 2 NW	.01								.01			.01												
JOHNSTOWN 2	.02	.01																						
KANE 5 SE													.01											
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.02																
MEADOW RUN PONDS																	.01	.01						
MEADVILLE 1 S	.01																							
MURRYSVILLE			.01	.01	.01																			
PITTSBURGH 7 SE WB AIRPORT //	.02																							
RENOVO 6 S STATE CAMP			.01																					
RIDGWAY	.01																							
ROCHESTER 1 N													.01	.01	.01									
TIONESTA 2 SE DAM	.01																							
TUNNELTON //	.01	.01																						
UNION CITY 1 W				.02																				
WILLIAMSPORT								.01		.01	.03	.01		.01										
											-10th-													
ALLENS MILLS									.01	.01		.01		.01		.01	.05				.08	.02	.01	.01
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.08	*	*	*	.06
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.20	*	*	*	*	*	.30		*	*	*	*	.04	*	*	*	.07
BLAKESLEE CORNERS																		.01	.01	.01				
BOSWELL					.05	.05	.03	.02	.01	.02	.06		.01											
BROOKVILLE AIRPORT 6															*	*	*	*	*	.08	*	*	*	.13
BUTLER SUBSTATION														.01	.01	.01	.02	.04	.02	.03	.06			
CANTON 1 NW																.01	.01	.03			.02	.03	.04	.01
CARTER CAMP																.03	.01	.01	.01		.03	.04	.02	.01
CHARLEROI					.08		.01	.02		.05									.01					
CLARION 3 SW															.01	.02				.04	.02			
COALPORT								.02				.01		.01	.01	.01	.03		.03	.04	.04	.01		
CONFLUENCE 1 SW				.09	.01																			
CONNELLSVILLE 4 N						.04																		
CRESSON 1 E SUMMIT					.01	.07	.03	.07	.10	.06	.02	.01	.01											
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.01	*	*	*	*	*	.23	*	*	*	.18
DINGMANS FERRY									.01		.01			.01										
DRIFTWOOD																	.01	.02	.01	.02	.09	.05	.01	.01
DU BOIS 7 E																.03	.02	.05	.10	.08	.01	.01		
DUNLO			*	*	*	.01		.01	.08	.01	.01	.01	.01	.01	.04	.01								
DUSHORE																.01	.04	.11	.14	.08	.12	.03	.03	
EAGLES MERE																	.05	.20	.07	.06	.24	.07	.03	
EMPORIUM																	.03	.03		.01	.01	.02	.02	.02
ENGLISH CENTER																	.02	.04	.04	.03	.05	.05	.05	.02
FORD CITY 4 S //											.03	.01			.01	.03	.01	.03	.10	.05				
GLENCOE		.02		.02																				
GREENSBURG 2 E HGWY SHED				.02	.09	.06	.06	.10	.08	.02	.07			.01			.01		.01					
HAWLEY 1 S WALLEN DAM																		.03	.04	.03	.01	.01		
HOLLIDAYSBURG						.03	.03	.02	.02	.02		.01		.01	.01									
HOME	-	-	-	-	-	-	-	-	-	-			.02	.03	.04									
HONESDALE 6 N TANNERS FALLS //																	.01	.04	.15	.12	.15	.04	.01	
INDIANA 2 SE						.02	.09	.15	.06	.01	.01	.01		.01		.01	.02	.01	.10	.01				
JACKSON SUMMIT																							.05	.01
JOHNSTOWN 2					.02	.14	.04	.08	.05	.03	.03	.02												
LAURELTON STATE VILLAGE																.01	.01							
LOCK HAVEN 2																.04	.11	.11	.15	.12	.01			
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.02	*	*	*	*	*	.02										
MEADOW RUN PONDS																.01	.02	.03	.07	.03				
MEDIX RUN																.02	.02	.02	.01	.05	.05	.01	.02	.02
MILAN	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLERSBURG 2 E											.02		.02			.01								
MILLVILLE																	.01	.02						
MONROE FURNACE																.01			.01					
MURRYSVILLE				.01	.04	.06	.09	.10	.11	.09	.04	.01						.01	.06	.02	.01			
PARKERS LANDING 1 E																.01			.02	.07	.06			
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.02				
PHILLIPSBURG 7 E AIRPORT														.01	.02	.03	.02	.03	.06	.03	.06	.01		
PIKES CREEK																.01	.05	.06	.06	.05	.01	.01		
PINE GROVE MILLS 1 S														.01	.01	.01				.01	.02			
PITTSBURGH 7 SE WB AIRPORT //				.03	.06	.08	.07	.11	.10	.07	.02	.01	.01					.02	.07	.02				.01
PITTSBURGH WB CITY					.03	.09	.10	.12	.14	.09	.02		.01					.10	.06	.08		.01		
PLEASANT MOUNT 1 W																	.05	.03	.14	.10	.33	.13	.01	
PUNXSUTAWNEY 2														.03	.02		.02	.08	.06	.07	.02		.01	.01
PUTNEYVILLE 2 SE															.02	.03	.01	.07	.05	.02	.02	.02	.01	
RAYMOND									.01								.01							
RENOVO 6 S STATE CAMP																	.05	.02	.06	.09	.08	.02		
ROCHESTER 1 N												.01						.02	.08		.04			.01
SCANDIA																			.01					
SCRANTON WB CITY																		.06	.06	.03	.05			
SMETHPORT HGWY SHED						.01	.01											.01	.01	.01				
SOUTH CANAAN 1 E																	.01	.01	.09	.04	.08		.02	
STATE COLLEGE														.02		.01	.01	.02			.02			
STRONGSTOWN					.01	.07	.09	.08	.09	.09	.01								.01	.05	.02			
SUNBURY																			.02					
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.03				
TOWANDA																	.01	.01		.02	.03	.01	.02	
TUNKHANNOCK 1 S																		.03	.03	.07	.15	.20		
TUNNELTON //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TYRONE 4 NE BALD EAGLE								.04	.02	.01												.02	.01	
VANDERGRIFT 2 W						.06	.09	.06		.03	.03	.02	.01		.01			.09	.10	.04				
WASHINGTON					.09	.01	.02	.04	.04		.02						.01	.06	.01					
WAYNESBURG 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WELLSBORO 2 E																					.02	.02	.01	.01
WILLIAMSPORT																	.07	.10	.05	.15	.18	.02		

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

—11th—

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ALBION									.02	.03	.05	.02	.02												.14
ALLENS MILLS		.02												.32	.03	.01									.38
AUSTINBURG 2 W															.03	.14									.17
AVOCA WILKES-BARRE SCRANTON AP 6																			.02		*	*	*	.12	
BLAIN																			*	.12					.02
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.01	*	*	*	*						.05	.05
BLAKESLEE CORNERS														.15	.05										.20
BOSWELL														.02											
BROOKVILLE AIRPORT 6	*	.02	*	*	*	*	*	.02	*	*	*	*	*	.02											.12
BUCKSTOWN															.12										.12
CANTON 1 NW	.01													.02	.01			.02	.14						.20
CARTER CAMP													.01	.01	.02	.16	.02								.22
CHAMBERSBURG																		.06	.01	.10	.09				.26
CHARLEROI											.01			.03											.04
CLARION 3 SW			.03	.03						.01	.01		.02	.01	.01										.12
COALPORT							.01	.04				.01			.04	.10									.20
CONFLUENCE 1 SW																.01									.01
CRESSON 1 E SUMMIT																.20									.20
CURWENSVILLE 6 NW AIRPORT 6	*	.01	*	*	*	*	*	.01	*	*	*	*	*	.02	*	*	*	*	*	.23					.30
DRIFTWOOD	.02	.02	.06													.03	.17								.15
DU BOIS 7 E	.01												.01	.03	.08		.01			.01					.20
DUNLO													.01	.01	.16	.02									.17
DUSHORE																			.07	.02	.08				.40
EAGLES MERE																		.14	.13	.13					.44
EMPORIUM	.01				.01			.01	.01	.01	.01					.34	.04								.20
ENGLISH CENTER						.01	.01	.01	.02	.02		.01			.01	.01	.01	.09	.01						.24
ERIE WB CITY				.01	.02	.01					.08	.02	.10												
ERIE AIRPORT 6			*	*	*	*	*	.05	*	*	*	*	*	.17											.03
EVERETT																	.03								.06
FORD CITY 4 S //														.06											.20
FRANKLIN		.03		.01		.01		.01		.01	.05		.08							*	*	*	*	*	*	
GETTYSBURG 1 S																								.01	.01
GLEN ROCK																					.01	.17	.11		.29
GOOD SPRINGS 1 NW																				.01		.11	.04		.16
HARRISBURG 3 S WB AIRPORT																						.01			.01
HAWLEY 1 S WALLEN DAM															.04		.01								.05
HEWITT 2 S											.01	.01			.04										.06
HOLLIDAYSBURG																			.06	.01	.11	.06			.24
HUNTSDALE													.01	.16											.17
INDIANA 2 SE																			.13						.13
JACKSON SUMMIT																									.44
JAMESTOWN 2 NW		.03	.02						.03	.04	.01	.29		.02											.20
JOHNSTOWN 2															.17	.03									.07
KANE 5 SE												.02	.04	.01										.03	.03
LANCASTER 2 NE FILTER PLANT																									.03
LAURELTON STATE VILLAGE	.01							.01		.01												.01	.05	.01	.07
LEBANON 3 SW																			.01	.01		.01	.01	.03	.07
LEHIGHTON																	.01	.09							.10
LEWISTOWN																	.10								.10
LOCK HAVEN 2										.01	.06	.03			.01										.11
MARIENVILLE																.13									.13
MARTINSBURG															*	*	*	*	*	.36					
MARTINSBURG BLAIR CO AIRPORT 6															.01	.01		.01						.02	.05
MEADOW RUN PONDS													.40												.46
MEADVILLE 1 S				.01	.02	.02	.01							.01	.02	.15									.23
MEDIX RUN	.02	.03																							.20
MERCER HGWY SHED	.03	.02								.02	.06		.07											.03	.03
MERWINSBURG																	.02	.05	.01						.08
MILAN																									
MILLERSBURG 2 E					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MILLVILLE																				.10		.30	.10		.50
MONROE FURNACE								.01								.02	.27	.01							.31
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOUNT UNION 1 NW //									.01		.01		.02	.02	.01										.07
MURRYSVILLE													.02	.07											.09
NEFFS MILLS 4 NE																.30	.01								.31
NEW CASTLE 1 N	.04	.01									.01	.01	.06									.03	.03		.13
PALMERTON																									.06
PARKERS LANDING 1 E	.02	.02								.01	.01	.01		.02	.01	.01					*	*	*	.06	.11
PARK PLACE 1 NW WB AIRPORT 6									*	*	*	*	*	.01											
PHILLIPSBURG 7 E AIRPORT																.27	.02								.29
PIKES CREEK		.01												*	*	*	*	*	*	*	*	*	*	*	*
PINE GROVE MILLS 1 S												.01				.05	.20								.26
PITTSBURGH 7 SE WB AIRPORT //														.02											.02
PITTSBURGH WB CITY													.06												.06
PLEASANT MOUNT 1 W																								.03	.03
PORT CLINTON																						.01	.03	.03	.07
PUNXSUTAWNEY 2		.01					.01		.02						.08	.01									.13
PUTNEYVILLE 2 SE														.08	.01										.09
RAYMOND															.03	.37									.40
READING WB CITY																							.01	.03	.04
RIDGWAY														.10	.09										.19
ROCHESTER 1 N		.01	.01	.01	.01			.01																	.05
SAXTON												.03	.05		.13	.06									.06
SCANDIA																								.09	.21
SCRANTON WB CITY																									.09
SELLERSVILLE 2 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHADE GAP																	.03	.10		.02	.02	.01			.18
SHEFFIELD 6 W CHERRY GROVE			.03							.02	.07	.02	.01	.13											.28
SMETHPORT HGWY SHED				.02						.01			.01	.08	.09										.21
SPRING GROVE																.05	.05				.08	.02	.02		.12
STATE COLLEGE														.03	.06	.01									.10
STRONGSTOWN												.01	.01	.01					.03	.10		.01			.17
SUNBURY									*	*	*	*	*	.01	*	*	*	*	*	.06	*	*	*	.24	
SUNBURY AIRPORT 2 N 6																							.02	.01	.03
TAMAQUA 4 N STILL CREEK DAM										.05	.01	.05		.14											.25
TIONESTA 2 SE DAM //										.02	.08	.01	.13	.01											.25
TITUSVILLE										.01			.01			.01		.01	.01		.01		.01		.08
TOWANDA								.01																.06	.06
TUNKHANNOCK 1 S																									
TUNNELTON //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TYRONE 4 NE BALD EAGLE																.16	.08								.24
UNION CITY 1 W			.01	.01		.01					.13	.05	.15												.36
VANDERGRIFT 2 W													.03												.03
WASHINGTON													.05												.05
WAYNESBURG 2 W														.05											.05
WELLSBORO 2 E																	.19	.05							.24
WILLIAMSPORT								.01								.01	.01	.17							.20
YORK 2 S FILTER PLANT						.01	.02			.01		.10		.15							.06	.04	.02	.02	.14
YOUNGSVILLE																									.29

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A.M. Hour ending												P.M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—12th—																									
ALBION																							.02	.14	.16
ALLENS MILLS											.01														.01
ALLENTOWN-BETHLEHEM-EASTON AIRPORT	.01	.02	.02																						.05
AVOCA WILKES-BARRE SCRANTON AP 6	*	.01																							
BAKESLEE CORNERS	.01																								.01
BUCKSTOWN																			.01	.08	.01				.10
CHARLEROI																		.06		.07					.13
CONNELLSVILLE 4 N																			.01	.04	.01				.06
DU BOIS 7 E								.01	.01																.02
DUNLO											.01	.01	.01												.03
ERIE WB CITY																				.06	.25	.12	.14	.06	.63
ERIE AIRPORT 6								*	*	*	*	*	*	.04	*	*	*	*	*	.01	*	*	*	*	
FETTYSBURG 1 S	*	*																							*
GLENCOE																					.07	.02		.01	.10
GLEN ROCK		.01																							.01
GRAWLEY 1 S WALLEN DAM	.01	.01																							.02
HOME																.01	.01	.03							.05
LANCASTER 2 NE FILTER PLANT	.03	.01	.01																						.05
LEHIGHTON	.03																								.03
MEADOW RUN PONDS	.03	.02																							.05
MILLERSBURG 2 E	*	.08																							.08
MIKES CREEK	*	*																							*
MOUNT 1 W	.05	.03																							.08
READING WB CITY	.02	.01	.01																						.04
SAXTON														.01	.01										.02
SCRANTON WB CITY	.03																								.03
SMETHPORT HGWY SHED																						.01			.01
SOUTH CANAAN 1 E		.04																.02	.02	.02					.10
SUNNELTON //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNION CITY 1 W																								.02	.02
WASHINGTON																			.03						.03
WAYNESBURG 2 W																				.07					.07
YORK 2 S FILTER PLANT								.01	.01	.02															.04
YOUNGSVILLE																								.03	.03
—13th—																									
ALLION	.01	.02								.03	.04	.08	.13	.01	.08				.04						.44
ALLENS MILLS									.01		.01			.04	.06	.01								.01	.14
AUSTINBURG 2 W											.02	.01	.04	.04	.01									.01	.13
AVOCA WILKES-BARRE SCRANTON AP 6														*	*	*	*	*	*	.02					
BLAIN																	.01	.01	.01						.02
CLAIRSVILLE 6 ENE 6														*	*	*	*	*	*	.10					
COSWELL																	.01	.01	.01						.02
BROOKVILLE AIRPORT 6			*	*	*	*	*	.02						*	*	*	*	*	*	.11	*	*	*	.01	
BUCKSTOWN													*	*	*	*	*	*	*	*	*	*	*	*	*
BUTLER SUBSTATION																.03									.03
CANTON 1 NW															.11	.05					.01				.17
CARTER CAMP													.02	.03	.05	.05									.15
CHAMBERSBURG																			.01						.01
CLARION 3 SW															.02	.03	.01								.06
COALPORT																	.02	.03							.05
COATESVILLE 1 SW																					.03	.02	.01		.06
CONFLUENCE 1 SW																		.22	.03	.04	.05	.01			.35
CONNELLSVILLE 4 N																	.05	.04			.01				.10
CRESSON 1 E SUMMIT																	.02	.03	.02					.01	.08
CURWENSVILLE 6 NW AIRPORT 6														*	*	*	*	*	*	.08					
DRIFTWOOD																.04	.06								.10
DU BOIS 7 E														.01	.02	.04	.02								.09
DUNLO																	.03	.02	.01	.03	.01	.01	.01		.12
DUSHORE																.01	.03	.01							.05
EAGLES MERE																.02	.03	.01	.01						.07
EMPORIUM														*	*	*	*	*	*	.25					.25
ENGLISH CENTER																.02	.02								.04
ERIE WB CITY	.21	.01	.01										.06	.09		*	*	.01							.42
ERIE AIRPORT 6	*	.48	*	*	*	*	*	.07	*	*	*	*	*	.10	*	*	*	*	*	.15	*	*	*	*	
EVERETT																		.05							.05
FORD CITY 4 S //																		.02					.01		.03
FRANKLIN													.05	.05	.01	.01				.01			.01	.03	.17
GETTYSBURG 1 S																				*	*	*	*	*	*
GLENCOE																	.02	.17	.03	.02	.05	.03			.32
GLEN ROCK																					.05				.05
GRAWLEY 1 S WALLEM DAM																	.02								.02
HEWITT 2 S																			.09	.01		.03			.13
HOLLIDAYSBURG																	.01	.01	.01						.03
HOLTWOOD																				.05	.02		.01		.08
INDIANA 2 SE																.03	.05	.01							.09
JACKSON SUMMIT														*	*	*	*	*	*	*	*	*	*	*	*
JAMESTOWN 2 NW												.10		.05		.01	.01	.06	.02			.01			.26
JOHNSTOWN 2																			.06	.04					.10
JUNE 5 SE				.02		.01	.01	.01		.01	.02		.03	.09	.01	.02		.01	.03					.04	.31
LAURELTON STATE VILLAGE																		.02							.02
LEBANON 3 SW																			.02	.01					.03
LEWISTOWN																		.01	.03						.04
LOCK HAVEN 2															.01	.03	.02								.06
MARIENVILLE												.09	.03	.09	.01					.05		.04		.01	.32
MARTINSBURG BLAIR CO AIRPORT 6														*	*	*	*	*	*	.01					
MEADVILLE 1 S			.03	.05	.01	.03		.01	.04	.01	.05	.02	.08	.02		.08	.24			.02	.01	.01			.71
MEDIX RUN																.03	.02	.02							.07
MERCER HGWY SHED															.08	.02				.03			.01	.01	.15
MILAN								.04						.01			.01	.01	.01	.02		.02			.12
MILLVILLE																		.03							.03
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURRYSVILLE																	.01	.03	.01						.05
NEFFS MILLS 4 NE																	.01	.01							.02
NEW CASTLE 1 N																								.01	.01
PARKERS LANDING 1 E															.02	.02									.04
PARK PLACE 1 NW WB AIRPORT 6																					*	*	*	.01	
PHILADELPHIA WB AIRPORT																					.01	.01	.06	.01	.09
PHILADELPHIA POINT BREEZE																						.04	.03		.07
PHILADELPHIA WB CITY																						.04	.03	•	.07
PHILLIPSBURG 7 E AIRPORT																.01	.04								.05
PHOENIXVILLE 1 E PUMP STATION																						.01			.01
PIKES CREEK														*	*	*	*	*	*	.12					.13
PITTSBURGH 7 SE WB AIRPORT //																			.02	.01					.03
PITTSBURGH WB CITY																		.02	.04						.06
PLEASANT MOUNT 1 W																.01	.03	.03							.07
PUNXSUTAWNEY 2															.01	.04									.05
PUTNEYVILLE 2 SE																.01	.04								.05
RAYMOND											.01			.04	.07	.01				.01		.01	.03	.03	.21
READING WB CITY																					.01	.02			.03
RENOVO 6 S STATE CAMP															.01	.07	.06								.14
RIDGWAY									.01			.01	.08	.06	.05	.02									.23

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4–Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ROCHESTER 1 N												.02	.02	.10	.07	.02	.01	.02	.01		.01		.01		.05
SCANDIA	.03	.02	.04	.02													.05	.12	.01		.01	.01	.06	.07	.67
SCRANTON WB CITY																	.01	.01							.02
SHEFFIELD 6 W CHERRY GROVE			.05							.01	.01	.01	.08	.02	.04			.01	.01	.03			.01	.04	.32
SMETHPORT HGWY SHED				.01	.03			.01		.01	.01	.01		.01	.05	.04			.01				.02	.07	.28
SPRING GROVE																		.02	.03	.04	.01				.10
STATE COLLEGE																	.01	.01							.02
STRONGSTOWN																	.01	.06							.07
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.01					
TIONESTA 2 SE DAM //										.01	.01	.24	.01	.08	.04	.01		.01	.02	.02	.07	.01	.01	.01	.55
TITUSVILLE				.01		.01		.01		.02	.02	.14	.07	.04	.03			.11	.09	.02	.02	.01	.04	.01	.65
TOWANDA															.02	.05	.02								.09
TUNNELTON //																.01	.04	.02	.01						.08
TYRONE 4 NE BALD EAGLE																	.03	.03							.06
UNION CITY 1 W	.05	.04		.01									.08	.02	.10	.05	.01	.17	.01		.04		.01		.59
VANDERGRIFT 2 W															.01	.02	.05		.01						.09
WASHINGTON																			.01	.04			.01		.06
WAYNESBURG 2 W																	.01			.01	.02	.01			.05
WEBSTER MILLS 3 SW																		.25	.01	.04					.30
WELLSBORO 2 E															.03	.01	.01								.05
WILLIAMSPORT																.02	.07	.01							.10
YORK 2 S FILTER PLANT																				.02					.02
YOUNGSVILLE	.02	.01	.06			.01	.01	.01	.01				.06	.03	.03	.02	.02	.06	.10					.01	.46

Table 4—Continued

HOURLY PRECIPITATION

Station	A M Hour ending												P M Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BROOKVILLE AIRPORT 6	*	.02	*	*	*	*	*	.14	*	*	*	*	*	.34	*	*	*	*	*	.40	*	*	*	19	
BUCKSTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	.13	.03	.16	.03	.11	.04	.02	.02	.06	.01		.61
BUTLER SUBSTATION	.01					.08		.02	.08	.03	.08	.02	.09	.10	.09	.10	.03	.04	.05	.01	.02	.06	.01		.92
CANTON 1 NW													.01	.10	.13	.17	.18	.12	.10	.10	.12				1.03
CARTER CAMP										.02		.09	.06	.07	.13	.10	.07	.07	.04	.04	.02	.06		.01	.78
CHAMBERSBURG																	.06	.25	.35	.14	.08	.10	.05	1	1.18
CHARLEROI									.02	.05	.03	.03	.10	.18	.17	.17	.10	.18	.11	.06	04	.04	.04	.02	1.34
CLARION 3 SW	.03			.01			.01	.03	.09	.08	.07	.06	.26		.16	.07	.06	.05		.03	.02	.04	.02		1.09
COALPORT														.01	.02	.07	.05	.05	.09	.11	.01	.01	.01		.43
COATESVILLE 1 SW																							.01	.01	.02
CONFLUENCE 1 SW														.01	.06	.07	.07	.06	.02	.01	.06	.04	.02	.01	.43
CONNELLSVILLE 4N										.03	.02	.02		.16	.19	.16	.13	.14	.09	.08	.10	.07	.03	.01	1.23
CRESSON 1 E SUMMIT														.03	.06	.05	.09	.05	.08	.02	.01	.02	.01	.01	.43
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.05	*	*	*	*	*	.33	*	*	*	.10	
DINGMANS FERRY																					.02	.08		.02	.12
DRIFTWOOD												.01	.03	.05	.06	.07	.09	.04	.04	.06	.03	.02	.01	.03	.54
DU BOIS 7 E											.01	.01	.08	.08	.11	.07	.05	.08	*	*	*	*	*	*	*
DUNLO								.		.02	.01	.01	.01	.06	.06	.07	.10	.04	.04	.05	.02	.02	.01		.52
DUSHORE														.05	.12	.16	.12	.26	.20	.14	.16	.02			1.23
EAGLES MERE												.02	.04	.04	.19	.17	.12	.18	.10	.09	.11	*	*	*	*
EMPORIUM				.02						.01		.02	.05	.03	.04	.04	.09	.08	.04	.03	.01	.02	.01	.01	.50
ENGLISH CENTER											.04	.03	.03	.20	.18	.17	.09	.08	.10	.18	.10	.05	.02	.01	1.28
ERIE WB CITY	.02	.05	.01	.01	.26	.23	.14	.03	.09	.08	.10	.07	.05	.01	.02	.08	.16	.12	.11	.04					1.68
ERIE AIRPORT 6			*	*	*	*	*	.64	*	*	*	*	*	.44	*	*	*	*	*	.55					
EVERETT																		.18	.05	.09	.10	.11	.13	.12	.78
FORD CITY 4 S //									.02	.02	.03	.02	.10	.10	.13	.12	.08	.09	.08	.02	.03	.03	.02	.02	.91
FRANKLIN	.01			.03		.02	.08	.11	.13	.10	.10	.04	.06	.09	.05	.06	.07	.03	.03	.06	.04	.03	.01		1.15
GETTYSBURG 1 S																			*	*	*	*	*	*	*
GLENCOE																	.02	.05	.01	.02	.07	.03			.20
GLEN ROCK																							.05	.05	.10
GOOD SPRINGS 1 N																		.03	.17	.25	.25	.20	.07	.08	1.05
GREENSBURG 2 E HGWY SHED									.03	.03	.05	.04	.05	.12	.18	.10	.11	.09	.05	.04	.02				.91
HARRISBURG 3 S WB AIRPORT																		.04	.08	.18	.16	.09	.05	.06	.66
HAWLEY 1 S WALLEN DAM																	.01		.01	.07	.16	.04	.03	.04	.36
HEWITT 2 S																				.06	.04	.05	.05	.05	.25
HOLLIDAYSBURG															.02	.04	.14	.12	.08	.07	.01	.01	.01		.50
HOLTWOOD																							.01	.02	.03
HOME										.01	.07	.02	.10	.10	.16	.08	.16	.12	.10	.03	.03	.02	.02		1.02
HONESDALE TANNERS FALLS //																			.08	.09	.10	05	.05	.10	.47
HUNTSDALE																		.20	.18	.15	.07	.14	.08	.13	.95
INDIANA 2 SE										.01	.09	.09	.08	.11	.10	.10	.12	.10	.09	.01	.05	.03	.01		.99
JACKSON SUMMIT								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
JAMESTOWN 2 NW	.01			.01	.10	.09	.10	.05	.13	.07	.10	.10	.06	.09	.05	.04	.03	.10	.03	.08	.01				1.25
JOHNSTOWN 2										.01				.01	.10	.12	.07	.02	.02	.07	.01	.01	.01	.01	.46
KANE 5 SE	.03	.01	.01	.01	.01	.01	.02	.11	.10	.10	.09	.01	.10	.10	.08	.01	.06	.04	.01	.01	.04	.03	.03	.03	1.05
LANCASTER 2 NE FILTER PLANT																						.01	.03	.08	.12
LAURELTON STATE VILLAGE																.12	.20	.15	.08	.05	.06	.09	.09	.03	.87
LEBANON 3 SW																		.02	.04	.19	.03	.07	.05	.03	.43
LEHIGHTON																				.03	.16	.04	.02	.05	.30
LEWISTOWN															.01	.11	.26	.13	.11	.13	.10	.10	.02	.08	1.05
LOCK HAVEN 2								.02	.03		.02		.01	.17	.12	.18	.13	.05	.12	.07	.05	.04	.02	.02	1.05
MARIENVILLE			.01	.01		.01	.02	.11	.14	.10	.10	.03	.07	.10	.09	.07	.04		.01	.02	.03	.04	.01	.01	1.02
MARTINSBURG																.10	.03	10	.07	.07	.11	.02	.01		.51
MARTINSBURG BLAIR CO AIRPORT 6									*	*	*	*	*	.01	*	*	*	*	*	.26	*	*	*	.26	
MEADOW RUN PONDS																				.10	.14	.09	.11	.07	.51
MEADVILLE 1 S	.02					.06	.06	.05	.05	.07	.03	.04	.03	.04	.04	.04	.04	.03	.03	.05	.46				1.14
MEDIX RUN												.01	.01		.07	.08	.10	.05	.03	.02	.03	.02		.02	.44
MERCER HGWY SHED			.01	.05	.01	.01	.10	.10	.10	.11	.10	.09	.05	.05	.08	.02	.05	.05	.04	.11	.05				1.18
MERWINSBURG																				.03	.19	.01	.05	.02	.30
MILAN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MILLERSBURG 2 E													.03				.01	.10	.39	.27	.12	.09	.07	.15	1.23
MILLVILLE													.07			.03	.20	.20	.20	.12	.16	.07	.05	1	1.30
MONROE FURNACE						.01						.03	.01		.01	.10	.09	.18	.10	.11	.06	.11	.04	.07	.92
MONTROSE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MOUNT UNION 1 NW //	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MUNTZVILLE											.04	.01	.10	.12	.16	.10	.11	.15	.14	.06	.02	.05	.03	.05	1.14
NEFFS MILLS 4 NE											.06				.06	.11	.08	.09	.10	.08	.08	.07	.10	.03	.86
NEW CASTLE 1 N	.01						.05	.13	.13	.10	.11	.08	.06	.04	.10	.07	.03	.05	.03	.03	.09	.01			1.12
PALMERTON																								.02	.02
PARKERS LANDING 1 E								.10	.10	.10	.10	.05	.03	.10	.10	.07	.01	.01	.02	.06		.08	.01	.01	.95
PARK PLACE 1 NW WB AIRPORT 6																*	*	*	*	.14	*	*	*	.63	
PHILLIPSBURG 7 E AIRPORT								.06			.03			.04	.05	.11	.03	.12	.14	.13	.11	.04	.05	.01	.92
PHOENIXVILLE 1 E PUMP STATION																						*	*	*	*
PIKES CREEK																	.07	.13	.12	.20	.12	.15	.11	.04	.94
PINE GROVE MILLS 1 S										.01	.03			.08	.16	.11	.15	.07	.08	.06	.04	.03	.03	.03	.88
PITTSBURGH 7 SE WB AIRPORT //	.02						.01		.01	.01	.04	.04	.07	.10	.16	.08	.13	.17	.13	.05	.03	.04	.03	.03	1.15
PITTSBURGH WB CITY						.03		.01	.02	.03	.04	.04	.10	.12	.14	.10	.12	.15	.12	.05	.05	.04	.04	.01	1.21
PLEASANT MOUNT 1 W															.10	.07	.06	.09	.11	.03	*	*	*	*	*
PORT CLINTON																			.08	.18	.10	.02	.06	.04	.48
PUNXSUTAWNEY 2			.01	.01				.01			.01		.10	.10	.18	.11	.05	.06	.04		.01	.01	.02		.72
PUTNEYVILLE 2 SE	.04	.02		.01				.03	.01	.03	.06	.03	.09	.08	.14	.11	.10	.07	.05	.03	.03	.02	.04	.01	1.00
RAYMOND									.01	.09	.09	.11	.01	.09	.08	.10	.05	.04	.01	.01	.01	.01	.03	.03	.77
READING WB CITY																					.03	.03	.05	.14	
RENOVO 6 S STATE CAMP												.01	.01	.09	.10	.09	.05	.08	.15	.15	.10	.05	.05	.06	.99
RIDGWAY	.01	.04	.01		.01		.02	.01	.05	.07	.08	.04	.08	.07	.10	.08	.04	.07	.01	.01		.06	.02	.01	.89
ROCHESTER 1 N					.01	.01	.01	.08	.09	.10	.08	.05	.13	.07	.08	.09	.02	.02	.06	.06	.05	.02	.01	.01	1.05
SAXTON		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SCANDIA							.10	.06	.07	.10	.08	.06	.04	.05	.09	.05	.05	.03	.02	.03	.03	.05			.91
SCRANTON WB CITY																			.06	.09	.16	.16	.20	.07	.74
SELLERSVILLE 2 NW	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SHADE GAP																.02	.03	.02	.03	.13	.10	.09	.08	.07	.08	.65
SHEFFIELD 6 W CHERRY GROVE	.01	.01		.01	.01	.04	.06	.12	.15	.10	.10	.01	.10	.11	.05	.07	.05	.03	.02	.01	.06	.03			1.15
SMETHPORT HGWY SHED	.01	.04		.01	.01	.01			.02	.11	.14	.07	.04	.06	.13	.06	.08	.01	.04	.01	.01	.02	.01	.01	.90
SOUTH CANAAN 1 E																				.03	.11	.09	.05	.05	.33
SPRING GROVE																					.03	.03	.06	.08	.20
STATE COLLEGE											.04				.10	.14	.14	.18	.07	.10	.08	.04	.08	.03	1.00
STRONGSTOWN									.01		.02	.05	.02	.02	.08	.06	.07	.06	.06	.05	.02	.04	.04	.02	.62
STROUDSBURG														*	*	*	*	*	*	*	*	*	*	*	*
SUNBURY												.02			.01	.02	.13	.20	.10	.19	.15	.06	.12	.08	1.08
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.51	*	*	*	.54	
TAMAQUA 4 N STILL CREEK DAM																		.04	.16	.20	.10	.10	.04	.03	.67
TIONESTA 2 SE DAM //		.01					.04	.13	.19	.13	.10	.05	.07	.10	.08	.07	03.	.02	.03	.02	.05	.02	.01		1.15
TITUSVILLE	.01				.01	.03	.08	.11	.08	.11	.11	.06	.03	.12	.06	.02	.02	.06	.02	.08	.04	.04	.02	.01	1.12
TOWANDA														.10	.08	.12	.12	.18	.10	.10	.15	.08	.04	.02	1.09
TUNKHANNOCK 1 S															.04	.01	.14	.10	.14	.09	.11	.07	.15	.10	.95
TUNNELTON //									.01	.02	.06	.03	.07	.10	.13	.10	.13	.11	.12	.05	.02	.04	.01	.05	1.05
TYRONE 4 NE BALD EAGLE								.05	.01		.01			.01	.10	.08	.05	.20	.10	.10	.01	.01	.05		.78
UNION CITY 1 W	.01	.01	.05	.03	.15	.30	.17	.12	.10	.11	.08	.08	.09	.05	.02	.04	.04	.09	.09	.04	.05	.01	.01		1.74
VANDERGRIFT 2 W							.02			.01	.02	.04	.09	.07	.16	.12	.08	.10	.10	.05	.05	.04	.02	.06	1.03
WASHINGTON								.04	.02	.03	.03	.08	.10	.12	.19	.10	.16	.13	.12	.08	.03	.07	.03		1.33
WAYNESBURG 2 W								.05	.05	.08			.12	.15	.17	.18	.10	*	*	*	*	*	*	*	*
WEBSTER MILLS 3 SW																		.15	.16	.01	.14	.10	.08	.11	.75
WELLSBORO 2 E											.01	.09	.17	.07	.14	.17	.13	.11	.11	.09	.07	.06	.03	.01	1.26
WILLIAMSPORT												.03		.05	.03	.12	.15	.10	.10	.10	.20	.12	.05	.01	1.06
WIND GAP 3 SW														*	*	*	*	*	*	*	*	*	*	*	*

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
YORK 2 S FILTER PLANT																					.05	.08	.04	.08	.25
YOUNGSVILLE	.08				.01	.16	.07	.10	.10	.08	.08	.04	.10	.07	.03	.01	.02	.04	.03	.02	.08	.01	.01		1.14
											—18th—														
ALBION	*	*	*	*	*	*	*	*	*	*	*	*	*	.50											2.31
ALLENS MILLS	.02																								.02
ALLENTOWN-BETHLEHEM-EASTON AIRPORT	.01	.05	.06	.05	.04	.04	.02	.01																	.28
AUSTINBURG 2 W	.01	.01																							.02
AVOCA WILKES-BARRE SCRANTON AP 6	*	.19	*	*	*	*	*	.43																	
BETHLEHEM LEHIGH UNIV	*	*	*	*	*	*	*	*	*	*	*	*	*	.40											.40
BLAIN	.16	.10	.05	.05	.10	.02				.01	.02	.01													.52
BLAIRSVILLE 6 ENE 6	*	.04	*	*	*	*	*	.10	*	*	*	*	*	.08											.36
BLAKESLEE CORNERS	.02	.04								.01	.10	.19													.15
BOSWELL															.05	.07	.02	.01							
BROOKVILLE AIRPORT 6	*	.03	*	*	*	*	*	.02	*	*	*	*	*	.02											.20
BUCKSTOWN	.01											.04	.06	.09											.28
CANTON 1 NW	.01	.03	.04	.02	.03	.01	.01	.03	.10																.02
CARTER CAMP	.01	.01																							.30
CHAMBERSBURG	.15	.06	.04	.03	.02																				.01
CHARLEROI	.01																								.02
CLARION 3 SW		.01							.01																.34
COATESVILLE 1 SW	.01	.02	.08	.06	.04	.10	.03																		.07
CONFLUENCE 1 SW	.02	.02	.01	.01	.01																				.07
CONNELLSVILLE 4 N	.01	.02	.01	.01			.01		.01																.07
CRESSON 1 E SUMMIT			.01		.01		.01				.03		.01												
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.03																	.45
DINGMANS FERRY	.04	.04	.05	.06	.09	.03	.07	.06	.01																.03
DRIFTWOOD	.01	.02																							.58
DU BOIS 7 E	*	*	*	*	*	*	*	*	.09																.18
DUNLO	.02										.02	.06	.06	.02											
DUSHORE			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
EAGLES MERE	*	*	*	*	*	*	*	.32																	1.38
ENGLISH CENTER	.02	.04	*	*	*	*	*	*	.06																.12
ERIE WB CITY							.01					.01		.01											.03
ERIE AIRPORT 6	*	.04							*	*	*	*	*	.06											
EVERETT	.07	.03	.10	.03	.01	.02	.02	.01	.01																.30
FORD CITY 4 S //	.01	.01	.01																						.03
FRANKLIN					.01		.01	.01	.01	.01	.05														.10
GETTYSBURG 1 S	*	*	*	*	*	*	*	.90																	.90
GLENCOE		.02	.02	.05	.01					.01	.01														.12
GLEN ROCK	.05	.07	.13	.15	.12	.09	.08																		.69
GOOD SPRINGS 1 NW	.07	.04	.01	.01	.02	.05	.05	.01	.09	.12															.47
HARRISBURG 3 S WB AIRPORT	.04	.11	.07	.03	.05	.02	.01																		.33
HAWLEY 1 S WALLEN DAM	.02	.06	.06	.06	.05	.10	.04																		.39
HEWITT 2 S	.08	.10	.03	.04	.10	.04																			.39
HOLTWOOD	.04	.07	.10	.11	.13	.10	.05																		.60
HOME		.01	.04																						.05
HONESDALE 6 N TANNERS FALLS //	.10	.04	.01			.01		.04	.06	.07	.08	.10													.51
HUNTSDALE	.22	.17	.06	.10	.07	.03		.01																	.66
INDIANA 2 SE		.01	.01		.01			.01			.01														.05
JACKSON SUMMIT	*	*	*	*	*	*	*	1.30																	1.30
JOHNSTOWN 2	.03	.05	.03	.06	.01	.02	.04	.06	.03																.33
LANCASTER 2 NE FILTER PLANT	.05	.05	.07	.10	.09	.09	.03	.01		.01	.01														.51
LAURELTON STATE VILLAGE	.10	.09	.02	.09	.04	.02																			.36
LEBANON 3 SW	.04	.11	.12	.06	.03	.01																			.37
LEHIGHTON	.01	.04	.09	.09	.05	.05	.04	.03	.01																.41
LEWISTOWN	.10	.05	.01	03	.01	.01																			.21
LOCK HAVEN 2	.05	.02	.03																						.10
MARTINSBURG	.01	.01	.02	.05																					.09
MARTINSBURG BLAIR CO AIRPORT 6	*	.01	*	*	*	*	*	.05																	.07
MEADOW RUN PONDS	.04												.03												.04
MEADVILLE 1 S										.04															.01
MEDIX RUN	.01																								.31
MERWINSBURG	.03	.03	.09	.06	.03	.05	.02																		
MILAN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MILLERSBURG 2 E	.10	.10	.04	.06	.10	.02																			.42
MILLVILLE	.12	.08		.03	.03	.02	.02																		.30
MONROE FURNACE	.03	.06	.02	.05	.03	.01	.01																		.21
MOUNT UNION 1 NW //	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MURRYSVILLE	.01	.01																							.02
NEFFS MILLS 4 NE	.09	.02	.03	.03	.01	.01	.01																		.20
PALMERTON	.13	.03	.02	.04	.01	.05	.09	.08	.03	.02	.03														.53
PARKERS LANDING 1 E					.01	.01		.01																	.03
PARK PLACE 1 NW WB AIRPORT 6	*	.23	*	*	*	*	*	.31																	.17
PHILADELPHIA WB AIRPORT				.02	.02	.05	.04	.03	.01																.17
PHILADELPHIA POINT BREEZE			.01	.03	.01	.04	.01	.05	.02																.20
PHILADELPHIA WB CITY			.01	.02		.06	.04	.07																	.04
PHILLIPSBURG 7 E AIRPORT	.01	.03																							.29
PHOENIXVILLE 1 E PUMP STATION	*	*	*	*	*	*	*	.29																	.37
PIKES CREEK	.03	.10	.04	.02	.03	.03	.01	.01		.01	.01	.01	.02	.01		.02	.01	.01							.05
PINE GROVE MILLS 1 S	.01	.01	.01	.01										.01											.01
PITTSBURGH WB CITY	.01																								1.27
PLEASANT MOUNT 1 W	*	*	*	*	*	*	.74	.02	.03	.01															.30
PORT CLINTON	.02	.08	.07	.03	.03	.04	.01	.01	.01																.01
PUNXSUTAWNEY 2							.01																		.05
PUTNEYVILLE 2 SE			.02	.02	.01																				.45
READING WB CITY	.04	.06	.06	.10	.07	.06	.04	.02																	.17
RENOVO 6 S STATE CAMP	.06	.02		.01	.01		.01	.01	.02	.02	.01														.01
ROCHESTER 1 N			.01																						.60
SAXTON	*	*	*	*	*	*	*	.60																	.05
SCANDIA									.05																.39
SCRANTON WB CITY	.05	.10	.04	.05	.04	.05	.04	.01	.01																
SELLERSVILLE 2 NW	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SHADE GAP	.10	.06	.02	.04	.01				.02	.04															.29
SHEFFIELD 6 W CHERRY GROVE				.01				.01	.03																.05
SMETHPORT HGWY SHED	.01																								.01
SOUTH CANAAN 1 E	.05	.03	.02							.02	.05	.06	.05	.06	.06	.05									.45
SPRING GROVE	.11	.14	.10	.09	.07	.04																			.55
STATE COLLEGE	.03	.02	.03	.01																					.09
STRONGSTOWN	.02	.01		.02	.03						.02														.10
STROUDSBURG	*	*	*	*	*	*	*	*	*	*	*	*	*	.50											.50
SUNBURY	.11	.09	.07	.03	.06	.04	.04																		.44
SUNBURY AIRPORT 2 N 6	*	.15	*	*	*	*	*	.28																	
TAMAQUA 4 N STILL CREEK DAM	.04	.02	.07	.03	.05	.05	.05	.08	.04																.43
TIONESTA 2 SE DAM //								.01	.01	.01		.02	.03												.08
TITUSVILLE	.01	.01										.02	.04												.08
TOWANDA	.01	.04	.04	.02	.04	.02	.04	.07	.06		.01	.01													.36
TUNKHANNOCK 1 S	.10	.08	.02	.06	.05	.04	.02	.03																	.40
TUNNELTON //	.05	.02	.02																						.09
TYRONE 4 NE BALD EAGLE		.03																							.03
UNION CITY 1 W	.01								.03	.02	.01	.01	.01	.01											.10
VANDERGRIFT 2 W	.02																								.02
WAYNESBURG 2 W	*	*	*	*	*	*	*	.42																	1.32
WEBSTER MILLS 3 SW	.15	.06	.02	.01	.01	.01																			.26

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A M Hour ending												P M Hour ending												
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ELLSBORO 2 E	.01	.03	.02	.01	.01																				.08
ILLIAMSPORT	.02	.01	.01	.01	.02																				.07
IND GAP 3 SW	*	*	*	*	*	*	*	.55																	.55
ORK 2 S FILTER PLANT	.10	.10	.08	.08	.04																				.40
												—19th—													
LBION																	.05				.01	.09	.02	.01	.18
ETHLEHEM LEHIGH UNIV																.01									.01
LAIN																								.01	.01
LAIRSVILLE 6 ENE 6																					*	*	*	.04	
OSWELL								.02	.03	.09	.09	.06									.06	.01	.04	.05	.45
UCKSTOWN																					.02			.04	.06
UTLER SUBSTATION																			.04						.04
ARTER CAMP										.01															.01
HARLEROI																				.07	.02				.09
LARION 3 SW																						.01		.01	.02
OALPORT																						.07			.07
OATESVILLE 1 SW								.02																	.02
ONFLUENCE 1 SW																					.05			.01	.06
ONNELLSVILLE 4 N																						.04			.04
URWENSVILLE 6 NW AIRPORT 6																					*	*	*	.01	
UNLO																					.03	.03	.01		.07
RIE WB CITY																	.11		.06	.07					.24
RIE AIRPORT 6														*	*	*	*	*	*	.09					
VERETT																							.01		.01
ORD CITY 4 S //																				.05	.02				.07
LENCOE																						.01	.01		.02
REENSBURG 2 E HGWY SHED																				.03					.03
AWLEY 1 S WALLEN DAM																		.01						.01	.02
OME											.01									.06					.07
AMESTOWN 2 NW																							.01		.01
OHNSTOWN 2																					.05	.03			.08
ANE 5 SE																			.03	.02					.05
ANCASTER 2 NE FILTER PLANT																			.01	.01					.02
EWISTOWN																	.01	.01			.01				.03
ARIENVILLE																						.06			.06
ARTINSBURG																							.02		.02
ARTINSBURG BLAIR CO AIRPORT 6																					*	*	*	.03	
EADVILLE 1 S																		.02		.01	.02	.13	.04		.22
ONROE FURNACE																								.10	.10
OUNT UNION 1 NW //																								.01	.01
URRYSVILLE																				.05					.05
EFFS MILLS 4 NE																								.06	.06
EW CASTLE 1 N																		.08							.08
ARKERS LANDING 1 E																			.05	.03				.02	.10
HILLIPSBURG 7 E AIRPORT																				.01	.01				.02
INE GROVE MILLS 1 S																							.03	.01	.04
ITTSBURGH 7 SE WB AIRPORT //																				.05	.01				.06
ITTSBURGH WB CITY																			.01	.05					.06
UNXSUTAWNEY 2																				.03					.03
UTNEYVILLE 2 SE																				.09					.09
AYMOND																					.03				.03
OCHESTER 1 N																		.06							.06
CANDIA																			.05		.03	.02	.01		.11
HADE GAP																	.02	.01	.02						.05
HEFFIELD 6 W CHERRY GROVE																			.03	.02	.01	.03			.09
TATE COLLEGE																					.05			.02	.02
TRONGSTOWN																									.05
TROUDSBURG	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
IONESTA 2 SE DAM //																					.04	.01		.03	.08
ITUSVILLE																		.03	.01		.04		.06		.14
UNNELTON //																				.04					.04
NION CITY 1 W																	.03	.03	.01		.01	.01		.01	.10
ANDERGRIFT 2 W																			.04	.01					.05
ASHINGTON																			.04						.04
AYNESBURG 2 W																				.03					.03
OUNGSVILLE																			.03		.03				.06
												—20th—													
LBION	.01	.04	.02	.01	.02	.03	.03																		.16
USTINBURG 2 W														.01	.02										.03
LAIN	.02	.01																							.03
OSWELL	.01	.01	.01	.01	.01					.02	.01	.01													.09
ROOKVILLE AIRPORT 6	*	.02																							
UCKSTOWN	.04	.02																							.06
UTLER SUBSTATION											.05		.02	.01											.08
ANTON 1 NW															.02										.02
LARION 3 SW					.01																				.01
OALPORT								.03																	.03
RESSON 1 E SUMMIT	.02																								.02
UNLO								,01	.04																.05
RIE WB CITY	.07	.01																							.08
ARRISBURG 3 S WB AIRPORT			.01																						.01
AWLEY 1 S WALLEN DAM																				.01					.01
ACKSON SUMMIT															.01	.01					.01	.01			.04
AMESTOWN 2 NW			.01	.03		.01																			.05
OHNSTOWN 2					.02																				.02
ANCASTER 2 NE FILTER PLANT				.01		.01	.01																		.03
EBANON 3 SW			.01	.01																					.02
EWISTOWN	.01		.01																						.02
ARIENVILLE								.01	.02	.01															.04
EADVILLE 1 S	.01		.01																						.02
ERCER HGWY SHED				.01					.01	.01	.05	.01	.01		.01										.11
ILAN																.01		.01							.02
ONROE FURNACE	.01																								.01
ONTROSE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
OUNT UNION 1 NW //	.07	.07	.05																						.19
HILADELPHIA WB CITY							.02																		.02
INE GROVE MILLS 1 S		.01																							.01
ITTSBURGH 7 SE WB AIRPORT //										.01															.01
ITTSBURGH WB CITY									.01																.01
LEASANT MOUNT 1 W								.01	.01	.01						.01									.04
AYMOND										.01		.01	.02	.01											.05
EADING WB CITY				.01	.01	.02																			.04
CANDIA		.01	.03																						.04
CRANTON WB CITY																			.01						.01
ELLERSVILLE 2 NW	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HEFFIELD 6 W CHERRY GROVE				.01		.01	.01	.01		.01															.05
TROUDSBURG	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
IONESTA 2 SE DAM //		.02	.01	.02																					.05
ITUSVILLE	.02	.04	.04																						.10
UNNELTON //				.01								.03		.02											.06
NION CITY 1 W	.01	.02																							.03
ANDERGRIFT 2 W											.05														.05

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4–Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
YOUNGSVILLE										.01	.01														.02
—21st—																									
HOME								.01	.01																.02
—23d—																									
ALLENTOWN-BETHLENEM-EASTON AIRPORT																		.02	.03						.05
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.01					.05
BETHLEHEM LEHIGH UNIV																	.01	.02	.02						.05
BLAIN											.01						.01					.01	.01	.01	.05
CANTON 1 NW															.01	.06	.03	.01							.11
CLARION 3 SW		.01																							.01
DRIFTWOOD																								.02	.02
DUNLO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DUSHORE														*	*	*	*	*	*	*	*	*	*	*	*
EAGLES MERE													.03	.07	.05	*	*	*	*	.20					.37
ENGLISH CENTER														*	*	*	*	*	*	*	*	*	*	*	*
ERIE WB CITY					.01	.01	.01																		.03
ERIE AIRPORT 6			*	*	*	*	*	.03																	
EVERETT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GETTYSBURG 1 S														.01											.01
GLEN ROCK										.10	.04	.01	.01	.08	.01	.04	.06								.35
GOOD SPRINGS 1 NW									.01				.01	.02	.04	.02	.09	.09	.05	.04	.02				.39
HARRISBURG 3 S WB AIRPORT											.02	.04					.04	.01				.01			.12
HAWLEY 1 S WALLEN DAM																				.01		.01			.02
HOLTWOOD												.03	.01		.02	.04	.01	.01	.06	.03	.01				.22
HUNTSDALE											.01	.04					.01	.02		.01			.01	.01	.11
JACKSON SUMMIT																		.02	.02	.06	.02	01		.01	.14
LANCASTER 2 NE FILTER PLANT													.01		.01	.08	.04	.04	.01						.19
LAURELTON STATE VILLAGE									.01					.02		.07	.01			.06			.01	.03	.21
LEBANON 3 SW								.04	.02	.01	.01		.01	.01	.05	.04	.07	.04	.02	.01					.33
LEWISTOWN																		.01	.01	.07	.12	.03	.01	.04	.26
LOCK HAVEN 2												.01	.05	.01	.02	.04	.04								.17
MEADVILLE 1 S								.01																	.01
MILAN								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.19
MILLERSBURG 2 E											.01	.01				.01	.01	.01	.03	.05	.01				*
MILLVILLE																				.01					.14
MONROE FURNACE																									.01
MONTROSE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MOUNT UNION 1 NW //	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.04	*	*	*	.04	.04
PHILADELPHIA WB AIRPORT								.06	.07																.13
PHILADELPHIA POINT BREEZE								.02	.03																.05
PHILADELPHIA WB CITY								.05	.02																.07
PHILLIPSBURG 7 E AIRPORT																				*	*	*	*	.02	.02
PHOENIXVILLE 1 E PUMP STATION								.02	.01																.03
PIKES CREEK												.01				.01		.01	.02	.02	.01	.01		.01	.10
PINE GROVE MILLS 1 S																					.01	.01		.03	.05
PORT CLINTON								.02										.01	.07	.03					.13
READING WB CITY												.01								.01					.02
RENOVO 6 S STATE CAMP																					.01	.08		.01	.10
SCRANTON WB CITY																		.01							.01
SELLERSVILLE 2 NW	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SPRING GROVE									.01	.02	.04		.01		.02	.05									.15
STATE COLLEGE																						.07	.08	.01	.16
SUNBURY													.08	.02	.02	.01	.02			.02	.02	.01			.20
SUNBURY AIRPORT 2 N 6									*	*	*	*	*	.07	*	*	*	*	*	.09	*	*	*	.04	.04
TAMAQUA 4 N STILL CREEK DAM																				.01	.01		.01		.03
TOWANDA																	.03	.03	.01	.01	.01				.09
TUNKHANNOCK 1 S																			.01	.01	.03				.05
WEBSTER MILLS 3 SW																							.03	.03	.06
WELLSBORO 2 E																.04	.05	.03	.01	.01		.04	.01		.19
WILLIAMSPORT															.05	.08	.05	.02	.04				.01	.02	.27
YORK 2 S FILTER PLANT									.01	.01	.04	.02		.01	.04	.05	.01								.19
—24th—																									
BLAIN					.01	.01	.01																		.03
BUCKSTOWN						.03	.02																		.05
CRESSON 1 E SUMMIT	.02		.02	.01		.01				.01	.01														.08
DRIFTWOOD				.01																					.01
DUNLO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DUSHORE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ENGLISH CENTER	*	*	*	*	*	*	*	.32																	.32
EVERETT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GLEN ROCK			.01		.01	.01	.01		.01																.05
HOLLIDAYSBURG			.01	.01	.03	.01																			.06
HUNTSDALE	.01																								.01
JACKSON SUMMIT	.01																								.01
LEWISTOWN	.03	.01		.01		.01																			.06
LOCK HAVEN 2				.01	.01			.01																	.03
MARTINSBURG			.04	.01	.02	.01																			.08
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.08																	.28
MILLERSBURG 2 E	*	.28																							.17
MONROE FURNACE		.04	.11	.02																					
MONTROSE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MOUNT UNION 1 NW //	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NEFFS MILLS 4 NE		.07	.04	.01																					.12
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.04																	.38
PHILADELPHIA WB AIRPORT												.01	.02	.04	.03	.02	.06	.09	.08	.02	.01				.34
PHILADELPHIA POINT BREEZE													.01	.04	.03	.06	.07	.06	.05	.01				.01	.38
PHILADELPHIA WB CITY													.02	.04	.04	.06	.05	.09	.06	.01	.01				.06
PHOENIXVILLE 1 E PUMP STATION														*	*	*	*	*	*	*	*	*	*	.06	.06
PIKES CREEK				.01				.01																	.02
PINE GROVE MILLS 1 S	.12	.07	.01											.01											.21
RENOVO 6 S STATE CAMP	.01																								.01
SAXTON	*	*	*	*	*	*	*	.04																	.04
STATE COLLEGE	.02																								.02
SUNBURY						.01		.02	.02																.05
SUNBURY AIRPORT 2 N 6	*	.01																							
WEBSTER MILLS 3 SW	.01	.01			.01	.01																			.04
WILLIAMSPORT	.03																								.03
—25th—																									
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.06	*	*	*	*	*	.05											.06
BLAKESLEE CORNERS						.02	.02	.01	.01																.52
DUSHORE	*	*	*	*	*	*	*	.52																	.05
HAWLEY 1 S WALLEN DAM		.02	.03																						.06
HONESDALE 6 N TANNERS FALLS //								.03	.01	.02															.06
LEBANON 3 SW			.03	.02		.01																			.03
LEHIGHTON			.01	.01		.01																			.16
MEADOW RUN PONDS		.01	.04	.01	.01		.02	.05	.01		.01														

See reference notes following Station Index.

Table 4—Continued

HOURLY PRECIPITATION

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PARK PLACE 1 NW WB AIRPORT 6									*	*	*	*	*	.05											
PHILADELPHIA WB AIRPORT								.01	.04	.05	.01														.11
PHILADELPHIA POINT BREEZE								.01	.03	.01															.05
PHILADELPHIA WB CITY								.02	.02	.01															.05
PIKES CREEK					.01	.01		.01	.02	.02		.01													.08
PLEASANT MOUNT 1 W					.08	.05	.02	.01																	.16
PORT CLINTON		.01	.05	.03	.04	.03																			.16
SCRANTON WB CITY				.01	.02	.01		.03	.02	.01															.10
SELLERSVILLE 2 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH CANAAN 1 E			.01	03				.02	01		01	01													.09
STROUDSBURG	-	-	-	-	-	-	-	-	-		-	-	-			-									
TAMAQUA 4 N STILL CREEK DAM			.03	.02																					.05
TUNKHANNOCK 1 S						.02																			.02
													—27th												
WEVERETT										.01															.01
													—28th—												
WEVERETT			.01		.01			01																	.03
													—31st—												
ALBION																									
ALLENS MILLS														.01	.01										.02
CLAIRSVILLE 6 ENE 6																		.01	01	01	.09	.09	.01		.22
COSWELL																					*	*	*	.36	
BROOKVILLE AIRPORT 6																			.01	.04	.10	.02	.01	.08	.26
BUCKSTOWN														*	*	*	*	*	*	.10	*	*	*	.14	
BUTLER SUBSTATION																			.01	.05	.02	.06	.02	.01	.17
CHAMBERSBURG																				.02	.02			.01	.05
CHARLEROI																						.01	.02	.01	.04
CLARION 3 SW																	.01	.02	.08	.01	.02	.04	.04	.01	.23
COALPORT																		.06	.05	.08	.02	.01			.22
CONFLUENCE 1 SW																						.02	.13	.02	.17
CONNELLSVILLE 4 N																		.01	.03	.02	.02		.01		.09
CRESSON 1 E SUMMIT																			.01	.08	.04	.01	.13	.09	.36
CURWENSVILLE 6 NW AIRPORT 6																						.02	.06	.02	.10
CRIFTWOOD																					*	*	*	.09	
DU BOIS 7 E																					.01	.07	.02	.01	.11
DUNLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02	.04	.02	.01	.01		.10
EMPORIUM																									
ERIE AIRPORT 6																				.01	.01	.02		.01	.05
EVERETT														*	*	*	*	*		.01					
FORD CITY 4 S //																					.01	.02	.01	.01	.05
FRANKLIN																				.06	.05	.02	.02		.15
GLENCOE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.03	.05	.06	.02	.02		.01		.01	.20
GOWITT 2 S																									
HOLLIDAYSBURG																			.02	.01	.04			.02	.09
HOME																							.07	.03	.10
HUNTSDALE																			.02	.01	.08	.04	.05	.01	.21
INDIANA 2 SE																								.01	.01
JAMESTOWN 2 NW																			.08	.01	.05	.16	.18	.03	.51
JOHNSTOWN 2													.01	.01	.05		.02	.07	.07						.23
LANE 5 SE																		.01	.01	.01	.02	.04	.02	.06	.17
LARIENVILLE																		.01	.01						.02
LARTINSBURG																		.01	.08	.04	.02	.01	.01		.17
LARTINSBURG BLAIR CO AIRPORT 6																				.01		.01	.01	.03	.06
LEADVILLE 1 S																					*	*	*	.03	
LEDIX RUN														.07	.06	.01.	.10	.10	.04						.38
LERCER HGWY SHED															.01	.02	.06	.02	.01	.02	.03	.01			.14
LONROE FURNACE																								.01	.18
LURRYSVILLE																			.01	.04	.17	.18	.05		.01
LEFFS MILLS 4 NE																								.01	.45
LEW CASTLE 1 N																									.01
LARKERS LANDING 1 E																.01	.01	.17	.03	.01		.02			.25
LHILLIPSBURG 7 E AIRPORT																	.05	.02	.07	.04	.02				.20
LINE GROVE MILLS 1 S																								.10	.10
LITTSBURGH 7 SE WB AIRPORT //																								.02	.02
LITTSBURGH WB CITY																			.05	.05	.05	.08	.05	.01	.29
LUNXSUTAWNEY 2																			.03	.03	.05	.07	.06	.06	.30
LUTNEYVILLE 2 SE																					.01	.05	.07	.05	.18
LIDGWAY																					.06	.02	.02	.01	.11
LOCHESTER 1 N																			.03	.03	.07	.01			.14
LSHEFFIELD 6 W CHERRY GROVE																								.01	.01
LSMETHPORT HGWY SHED																	.01	.02	.02	.01					.06
LSTATE COLLEGE																	.01	.02	.02	.01	.01	.01			.08
LSTRONGSTOWN																								.02	.02
LSTONESTA 2 SE DAM //																		.05	.08	.02			.05	.10	.08	.23
LSTUSVILLE																									.15
LSUNNELTON //																	.02	.04	.01	.02	.03	.04			.16
LSYRONE 4 NE BALD EAGLE																				.01	.04	.09	.11	.05	.30
LTHION CITY 1 W																							.05	.10	.15
LVANDERGRIFT 2 W													.01	.01.	.06	.05	.01	.01	.01					.01	.17
LWASHINGTON														*	*	*	*	*	*	*	*	*	*	.40	.40
WAYNESBURG 2 W															.01	.01	.01	.10	.02	.01	.02	.03	.01		.22
WEBSTER MILLS 3 SW																	.07	.03	.03	.03	.01	.01	.02	.01	.21
WORK 2 S FILTER PLANT																							.01	.01	.02
YOUNGSVILLE											.01			.01		.01	.04	.01		.01	.01			.01	.02
																									.10

DAILY TEMPERATURES

Table 5

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALLENTOWN BETH EAST AP	MAX	74	74	66	69	52	68	70	62	62	64	64	65	64	65	63	66	72	49	52	54	53	54	57	57	63	69	69	62	72	68	65	63.4
	MIN	59	53	44	36	43	47	48	52	43	41	51	47	42	41	40	32	43	32	25	34	28	25	40	46	44	44	40	34	36	30	32	40.4
ALLENTOWN GAS CO	MAX	67	76	72	66	61	55	71	69	62	64	65	65	66	63	58	65	67	72	50	53	54	54	55	58	59	62	70	69	64	72	68	63.6
	MIN	58	55	52	37	44	46	51	54	47	43	50	50	44	43	43	34	38	38	28	33	30	26	34	43	47	45	41	34	37	34	32	41.6
ALTOONA HORSESHOE CURVE	MAX	72	76	62	57	48	54	66	60	59	58	63	59	55	57	60	67	69	44	53	51	50	49	52	63	61	57	63	62	67	64	59	59.3
	MIN	56	57	49	33	39	39	43	42	43	41	46	38	39	42	39	33	44	33	24	35	25	33	42	44	39	34	38	36	40	36	36	39.3
ARENDTSVILLE	MAX	73	78	79	60	57	50	60	65	59	63	70	63	65	62	69	63	66	73	51	53	53	53	51	54	62	62	66	70	65	71	64	62.9
	MIN	59	55	54	38	43	42	41	54	42	42	52	41	39	41	40	32	42	37	27	33	29	33	38	44	49	39	38	38	42	38	34	41.2
AVOCA WILKES BARRE AP	MAX	71	70	58	62	51	69	71	65	59	58	63	61	55	58	61	64	67	43	47	50	49	54	56	57	56	61	58	60	65	65	62	59.5
	MIN	57	55	40	33	42	44	51	58	45	49	51	45	44	43	41	40	52	30	26	40	30	31	43	42	43	43	40	34	36	36	36	41.9
BAKERSTOWN 4 WNW	MAX																																
	MIN	48	45	48	34	35	35	43	47	36	34	34	36	40	37	32	34	45	30	23	31	26	33	40	42	37	38	39	34	32	33	34	36.6
BEAVERTOWN	MAX	75	77	72	62	56	65	68	63	62	58	64	62	57	59	65	66	62	57	53	51	52	49	52	61	62	65	71	62	66	63	59	61.8
	MIN	56	54	52	30	42	42	49	48	43	47	46	37	41	43	40	29	51	37	26	36	26	27	37	41	47	35	34	31	34	30	29	39.4
BELLEFONTE ROCKVIEW FARM	MAX	74	73	76	62	59	50	61	63	57	61	55	64	60	55	56	62	67	65	48	50	48	50	51	55	60	60	66	68	65	68	67	60.5
	MIN	55	58	36	28	33	40	43	53	41	45	46	40	45	44	41	29	36	32	26	30	23	26	29	44	45	31	32	31	34	31	30	37.3
BERWICK	MAX	75	77	70	63	61	73	70	68	62	61	66	65	58	58	65	68	67	58	52	53	53	57	56	64	61	68	65	62	66	66	60	63.5
	MIN	60	55	53	31	44	44	48	53	44	48	49	41	39	42	41	30	51	37	27	36	28	28	44	41	47	34	32	35	36	36	30	40.8
BETHLEHEM LEHIGH UNIV	MAX	74	76	67	60	50	70	68	59	62	66	64	67	62	56	66	66	72	46	52	52	52	53	55	57	61	69	70	65	73	70	66	62.8
	MIN	57	57	44	38	43	46	51	50	44	45	52	52	46	44	44	36	45	32	28	39	32	31	41	45	45	45	47	39	39	37	36	42.9
BLAIRSVILLE 6 ENE	MAX	65	70	59	56	44	52	67	55	57	53	60	52	52	51	58	72	66	41	49	43	50	51	57	57	52	49	60	68	66	66	65	56.9
	MIN	56	54	41	37	37	36	44	41	39	40	43	41	40	38	40	42	35	29	28	32	29	37	36	40	38	32	34	46	48	47	47	39.6
BRADFORD 4 W RES NO 1	MAX	69	64	61	58	56	54	67	63	56	54	58	57	52	54	60	71	69	44	49	47	47	55	54	59	53	61	66	68	68	69	64	58.9
	MIN	48	51	40	25	34	41	38	46	40	31	35	38	35	41	35	28	40	31	28	32	24	18	34	34	42	32	29	31	29	28	28	34.4
BROOKVILLE AIRPORT	MAX	66	73	62	57	50	59	68	55	58	50	59	54	50	55	60	73	62	43	49	47	50	54	55	60	55	62	61	68	70	69	62	58.6
	MIN	55	54	35	29	39	43	43	45	45	44	45	39	42	41	34	34	36	26	24	34	25	29	41	37	32	34	32	27	30	28	30	36.5
BURNT CABINS 2 NE	MAX	77	78	60	60	47	61	66	58	64	70	65	62	59	59	64	65	72	50	51	49	55	49	53	59	60	59	65	69	72	67	68	61.7
	MIN	54	53	38	28	40	40	42	42	42	43	46	33	37	35	30	29	41	24	19	26	19	28	38	44	41	30	27	25	32	28	28	34.9
BURGETTSTOWN 3 W	MAX	74	70	77	61	60	49	53	70	59	67	55	61	58	60	59	62	77	60	45	54	51	52	59	63	60	54	56	66	67	70	63	61.0
	MIN	51	45	49	36	41	41	38	42	39	41	41	35	39	33	31	31	35	32	21	29	21	24	35	35	32	27	29	27	27	26	29	34.3
BUTLER	MAX	73	71	75	75	61	52	67	67	56	65	65	60	57	56	58	72	54	60	53	52	50	55	58	65	63	59	63	67	68	75	76	62.8
	MIN	59	56	39	34	44	43	47	47	42	43	46	39	45	42	38	31	48	34	25	35	26	35	45	40	42	32	34	29	32	28	31	39.1
CANTON 1 NW	MAX	67	71	73	54	57	49	64	60	55	57	62	59	59	53	55	59	63	57	43	48	47	48	51	53	57	52	60	65	66	62	63	57.7
	MIN	52	52	42	29	34	36	42	45	41	40	40	36	39	36	41	37	42	31	26	27	28	23	30	39	39	36	37	36	38	31	32	36.7
CARLISLE	MAX	80	79	72	60	54	64	67	62	65	71	71	66	63	64	66	68	74	68	54	54	53	50	50	64	64	66	70	64	67	70	62	64.6
	MIN	55	54	53	32	40	39	46	50	41	39	37	39	36	46	39	28	46	34	25	34	25	28	36	40	46	35	37	31	35	30	29	38.2
CHAMBERSBURG	MAX	76	81	62	59	47	63	67	61	63	69	66	64	63	62	64	66	74	50	53	55	55	51	54	63	65	65	69	66	70	66	65	63.6
	MIN	57	54	45	36	42	42	43	47	45	46	51	40	41	41	36	33	45	35	25	37	26	34	41	46	44	42	33	33	39	35	34	40.3
CLARION 3 SW	MAX	66	73	63	60	51	59	70	60	62	59	58	58	52	55	64	76	60	45	53	48	52	56	59	63	57	63	67	69	72	73	61	60.6
	MIN	52	52	48	27	37	39	44	43	42	36	40	35	37	39	35	32	42	30	24	31	26	26	39	37	41	29	32	28	28	26	27	35.0
CLAYSVILLE	MAX	68	75	60	58	51	53	70	61	66	68	61	57	59	68	62	75	61	44	54	50	54	56	60	60	52	52	66	64	71	72	62	61.0
	MIN	55	48	51	39	42	40	42	45	44	42	44	39	42	34	31	37	40	27	23	30	24	39	42	36	33	29	29	31	30	30	36	37.3
COATESVILLE 1 SW	MAX	70	77	76	63	59	55	66	65	61	64	72	65	66	64	59	64	66	72	52	53	55	54	54	59	55	62	67	70	63	72	67	63.2
	MIN	53	54	51	35	42	46	47	46	38	42	54	52	39	42	43	31	34	36	24	27	30	28	37	45	49	44	39	35	36	36	30	40.2
COLUMBIA	MAX	80	81	68	60	51	68	67	66	67	73	68	69	62	61	62	69	75	67	55	57	57	53	53	64	63	68	72	64	70	67	64	65.2
	MIN	59	55	54	34	45	44	44	56	43	45	54	45	45	43	39	34	49	39	29	40	33	32	32	43	49	41	46	36	39	35	35	42.2
CONFLUENCE 1 SW	MAX	77	70	74	61	56	45	52	66	63	62	70	66	57	59	54	63	75	67	42	53	45	54	50	58	58	54	57	70	73	71	70	61.4
	MIN	56	55	54	42	43	41	41	43	44	45	48	45	45	43	38	31	34	32	24	26	28	29	30	33	36	36	34	33	34	32	32	38.4
CORRY	MAX	66	64	57	62	52	55	68	62	59	57	56	55	49	55	61	68	60	41	50	45	51	56	52	56	50	60	62	66	70	70	61	57.4
	MIN	56	53	45	28	40	44	45	44	42	38	41	42	44	42	43	35	41	32	30	34	24	26	42	37	40	31	32	29	28	30	31	37.4
COUDERSPORT	MAX	68	68	59	60	52	62	69	62	53	55	61	57	52	54	62	69	54	44	49	47	51	55	55	59	55	64	68	68	71	71	67	59.4
	MIN	51	52	40	23	33	39	44	45	34	38	43	38	35	39	37	38	33	25	25	27	22	19	38	39	37	30	30	29	26	25	29	34.1
CURWENSVILLE 6 NW AIRPORT	MAX	66	70	58	53	46	53	64	52	54	49	58	52	47	52	57	68	60	42	47	43	46	50	51	57	55	60	62	65	67	64	64	55.6
	MIN	53	53	36	33	37	40	47	41	41	40	39	37	39	38	37	36	34	22	22	28	24	30	39	40	33	30	33	39	42	39	39	36.4
DERRY	MAX	71	74	62	60	52	55	70	60	63	58	65	56	56	56	62	75	69	44	53	48	53	56	57	59	57	53	64	67	70	70	67	60.4
	MIN	58	56	53	43	42	41	46	46	42	43	48	44	44	42	38	45	43	36	27	36	25	28	38	41	37	34	29	30	35	31	35	39.2
DONEGAL	MAX	66	71	58	54	44	48	66	66	58	65	63	54	54	49	59	72	72	37	50	40	57	50	56	54	50	50	64	68	64	67	65	57.5
	MIN	52	52	44	38	35	36	45	39	32	40	35	38	38	31	31	32	32	21	21	25	17	33	34	32	28	24	24	26	30	26	28	32.2
DONORA	MAX	76	72	79	63	63	53	68	72	72	67	67	67	58	60	59	71	78	55	50	56	53	55	60	61	61	57	52	64	67	57	68	63.4
	MIN	61	54	55	44	46	44	46	52	46	46	52	46	44	39	37	35	51	32	29	36	33	50	51	46	49	37	34	40	41	39	55	44.4
EAGLES MERE	MAX	65	66	68	53	54	48	61	65	59	53	54	57	55	47	53	55	59	52	38	44	46	45	49	50	56	50	57	62	63	63	62	55.6
	MIN	51	51	48	30	32	38	41	48	41	41	43	39	39	38	38	38	40	31	25	25	28	29	32	39	39	35	35	40	45	39	43	38.8
EAST WATERFORD 3 E	MAX	71	72	61	55	45	56	63	54	54	58	56	56	49	50	58	60	63	43	48	45	48	42	46	55	54	57	62	63	67	64	65	56.4
	MIN	57	55	46	35	38	38	48	45	41	47	47	44	41	40	40	43	43	32	28	34	29	35	39	42	41	36	41	48	50	47	48	41.8
EBENSBURG	MAX	72	65	72	61	56	44	63	66	55	55	51	60	51	50	55	62	71	57	39	48	43	51	51	52	58	54	51	64	66	69	67	57.4
	MIN	54	54	46	31	38	36	42	51	40	38	45	38	38	38	37	35	52	31	23	32	25	34	38	41	37	31	32	36	40	39	41	38.2
EMPORIUM	MAX	76	74	74	62	63	55	60	73	58	56	61	63	60	51	58	65	74	63	60	54	48	55	58	57	63	56	67	68	68	73	70	62.6
	MIN	54	52	46	24	31	38	46	48	45	37	45	37	40	40	36	26	54	32	24	29	25	21	26	41	44	29	31	32	28	31	32	36.6
EPHRATA	MAX	75	79	63	61	59	66	67	63	65	71	65	66	64	58	69	67	72	61	56	60	59	53	57	60	66	72	75	65	73	71	66	65.4
	MIN	57	57	53	36	45	44	48	56	43	46	46	46	42	42	41	35	48	38	27	38	32	34	44	42	43	42	44	48	38	38	35	42.2
ERIE WB CITY	MAX	69	62	54	61	57	59	69	56	63	54	58	57	53	56	59	74	63	42	52	48	51	60	58	52	49	57	61	61	62	56	63	57.4
	MIN	61	53	43	39	46	50	50	47	45	46	48	47	47	49	47	48	42	36	36	40	36	38	44	49	40	39	43	45	42	41	53	44.4
EVERETT	MAX	73	73	60	56	45	55	65	62	61	68	68	63	57	56	61	66	74	46	51	47	52	49	55	51	60	60	66	65	70	55	64	59.9
	MIN	56	54	41	34	40	42	50	45	44	46	43	36	43	45	32	29	40	25	22	29	23	33	40	45	42	39	32	29	29	30	31	37.4
FARRELL SHARON	MAX	66	63	62	58	54	55	63	56	62	58	56	57	55	56	59	66	65	47	58	43	59	54	52	55	51	56	57	54	59	61	50	57
	MIN																			31	30	22	30	44	39	31	29	33	30	31	30	32	
FORD CITY 4 S	MAX	74	70	76	63	60	46	55	70	58	63	50	62	57	58	57	62	77	61	45	54	48	53	55	59	62	57	60	63	68	40	72	59
	MIN	55	53	52	32	42	40	43	46	41	42	39	38	42	40	38	29	31	32	23	31	27	28	35	41	39	37	30	31	29	30	29	36

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

PENNSYLVANIA

OCTOBER 1948

Station		Day of month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FRANKLIN	MAX	74	67	71	61	66	51	57	69	55	62	54	58	59	51	57	62	75	55	44	53	49	54	56	58	61	45	45	67	69	72	75	60.6
	MIN	57	57	51	32	32	41	45	48	43	42	43	42	42	43	40	34	35	33	28	31	30	28	31	39	40	33	34	32	32	31	31	38.1
FREDERICKSVILLE 1 SE	MAX	72	79	61	58	53	66	66	61	61	67	65	65	55	54	62	66	72	65	57	53	52	53	55	55	59	66	67	65	70	67	65	62.3
	MIN	54	53	52	47	40	44	50	55	41	46	51	45	42	40	41	44	50	36	24	38	31	31	41	45	48	44	48	42	50	46	43	43.9
FREELAND	MAX	77	74	61	65	51	69	67	59	56	56	57	59	51	51	60	60	63	55	49	50	50	50	51	53	54	60	62	69	65	67	65	59.3
	MIN	55	53	44	32	31	39	49	50	40	47	47	40	40	39	40	38	46	30	27	34	27	25	37	30	40	37	40	41	43	30	46	39.3
GEORGE SCHOOL	MAX	77	78	67	62	52	65	70	64	59	70	64	68	65	60	65	68	74	60	53	55	55	55	56	54	58	69	71	63	73	69	65	64.0
	MIN	59	56	52	36	42	45	50	55	41	47	53	52	42	41	40	30	45	34	23	38	30	27	42	44	44	42	39	36	35	40	31	41.6
GETTYSBURG	MAX	73	78	80	61	58	52	60	66	61	65	73	65	64	61	60	65	67	73	51	54	53	54	52	54	63	63	67	71	68	73	67	63.6
	MIN	60	58	55	38	45	43	49	55	46	50	53	45	47	44	42	33	48	37	29	35	31	34	40	46	50	41	43	36	42	37	35	43.5
GORDON	MAX	72	72	65	55	52	66	67	60	55	58	63	61	59	55	60	64	67	65	52	50	49	50	53	59	57	63	63	65	66	66	65	60.5
	MIN	58	48	50	30	40	40	45	50	38	40	46	38	32	40	40	27	43	32	21	36	24	24	40	40	46	35	32	30	31	28	27	37.1
GREENSBURG 2 S FILTER STA	MAX	70	75	65	60	49	54	61	61	64	59	64	67	58	56	61	77	66	45			54	57	60	60	56	51	64	68	70	70	64	61.6
	MIN	59	49	53	33	42	40	38	47	40	43	44	36	44	40	33	30	44	35			23	33	36	31	32	28	30	28	30	27	28	37.1
GREENVILLE	MAX	68	64	61	62	53	58	68	64	64	61	56	58	52	58	63	76	63	45	53	46	54	59	56	60	57	62	65	67	70	71	58	60.4
	MIN	55	50	38	28	37	43	43	45	39	38	42	38	44	42	33	35	42	32	25	32	25	27	41	35	44	30	33	29	29	27	32	36.5
HANOVER	MAX	79	77	63	58	48	61	66	61	67	72	67	64	63	60	64	66	75	50	55	54	54	51	52	62	63	66	71	66	72	67	65	63.2
	MIN	57	56	52	36	45	43	47	54	42	46	55	45	42	40	38	37	47	37	27	33	29	35	38	44	45	38	38	35	39	35	40	41.8
HARRISBURG 3 S WB AIRPORT	MAX	77	79	63	58	52	65	66	61	63	71	67	64	60	59	63	67	74	50	53	52	53	50	52	62	60	64	68	62	68	66	61	62.3
	MIN	58	58	47	37	44	45	52	48	45	49	53	44	45	46	41	36	46	36	30	39	33	33	44	48	48	44	44	38	40	40	35	43.4
HAWLEY	MAX	71	70	63	61	51	69	71	59	60	60	61	65	57	57	63	64	68	47	51	49	52	55	57	56	58	66	61	66	69	68	70	61.1
	MIN	57	48	38	26	34	41	41	47	42	42	48	43	39	36	36	25	43	27	22	33	24	18	34	37	43	37	30	33	33	28	26	35.8
HAWLEY 1 S WALLEN DAM	MAX	62	70	67	58	60	50	68	69	59	58	59	61	59	55	54	59	62	66	41	49	47	49	59	55	54	56	62	57	62	66	67	58.7
	MIN	53	46	43	21	23	30	35	35	38	40	43	39	39	36	37	20	20	28	17	20	19	14	16	28	32	35	29	27	26	22	22	30.1
HEWITT 2 S	MAX	77	79	66		56	54	51	63	63	71	69	63	57	70	74	60	62		76	56	53	50				65	71	66		72	62	64.2
	MIN	54	48	49		40	41	46	44	45	39	49	34	40	48	50	29	40		26	46	41	32				28	21	26		27	35	39.1
HOLTWOOD	MAX	73	75	63	60	52	66	64	63	66	72	66	64	61	57	63	64	72	50	54	52	52	54	54	59	61	64	66	60	66	64	59	61.8
	MIN	61	59	48	43	48	50	55	52	45	46	57	54	49	46	44	41	50	38	34	42	38	38	48	48	50	46	46	45	46	43	41	46.8
HUNTINGDON	MAX	69	75	79	64	61	50	63	72	72	63	62	70	62	58	62	67	72	63	49	55	51	55	52	56	64	63	65	71	65	72	69	63.6
	MIN	54	56	54	28	29	42	45	46	46	45	46	40	40	47	31	31	32	39	24	26	24	26	32	46	45	35	33	30	32	32	34	37.7
INDIANA 2 SE	MAX	69	75	65	60	49	57	68	61	61	58	63	56	55	56	62	75	66	50	52	47	54	53	58	61	58	52	63	68	71	70	67	60.6
	MIN	54	52	52	31	40	40	43	46	41	42	45	38	39	41	32	36	48	34	23	34	25	36	42	41	33	28	28	28	32	29	32	37.6
INDIANA	MAX	70	73	70	64	55	56	69	64	61	60	63	56	55	56	61	73	68	44	51	48	53	52	57	60	58	58	62	68	69	70	66	61.0
	MIN	57	55	52	46	42	41	48	46	42	41	46	41	42	42	36	43	43	33	26	34	30	41	44	43	41	30	30	38	39	42	43	41.2
IRWIN	MAX	69	70	65	61	57	57	66	66	64	64	59	59	54	54	65	74	65	44	52	50	52	55	60	58	58	54	56	62	70	68	62	60.3
	MIN	47	52	52	38	43	40	39	47	42	42	47	39	43	40	36	37	42	33	26	34	25	38	41	35	39	29	30	30	32	30	35	38.2
JAMESTOWN 2 NW	MAX	76	63	59	62	52	54	67	60	65	56	56	59	50	58	61	76	52	45	53	48	52	58	55	58	55	62	67	66	68	70	57	59.4
	MIN	53	49	47	29	34	42	44	45	39	40	40	37	38	42	30	32	42	32	26	33	27	27	37	35	38	29	32	29	28	28	32	36.0
JOHNSTOWN 1	MAX	78	70	77	63	61	48	57	70	64	63	61	67	59	56	57	64	77	66	46	56	47	55	51	58	62	58	57	66	70	73	75	62.3
	MIN	59	60	54	36	45	42	43	52	46	45	48	44	47	45	40	32	44	35	28	37	30	35	41	47	45	32	33	33	35	34	35	41.4
KANE 1 NW	MAX	67	67	56	59	50	53	66	54	54	53	57	53	46	53	58	70	58	41	48	43	48	54	55	58	54	60	65	67	57	67	65	56.6
	MIN	53	49	21	20	33	43	44	41	40	30	41	36	38	34	29	28	34	22	22	28	18	20	31	32	29	30	29	24	26	24	26	31.5
LANCASTER 2 NE PUMP STA	MAX	73	75	68	58	57	66	65	63	64	69	66	64	64	60	61	65	71	67	53	56	53	54	56	61	63	66	70	61	69	65	64	63.5
	MIN	55	51	49	31	40	42	47	54	40	44	53	47	42	40	39	30	41	37	25	37	28	29	42	43	47	38	34	32	36	31	30	39.8
LANCASTER 3 NE EXP FARM	MAX	70	76	67	57	58	52	56	64	57	64	70	59	53	61	52	52	65	72	51	53	44	44	46	55	59	63	61	70	62	70	67	59.7
	MIN	56	56	54	35	44	44	50	55	41	47	49	42	42	42	41	33	45	38	27	33	29	30	39	45	48	39	40	35	36	35	33	41.4
LAWRENCEVILLE	MAX	78	72	60	63	52	68	72	64	62	62	66	64	54	56	63	68	61	45	54	48	53	58	60	60	54	64	66	71	65	71	67	62.0
	MIN	54	52	42	27	33	43	40	42	42	34	47	32	37	41	39	26	42	33	30	28	25	21	40	41	44	37	41	32	33	35	29	36.8
LEBANON	MAX	76	77	64	60	54	66	66	60	64	70	67	65	61	58	64	66	71	52	54	54	55	52	52	62	61	65	70	63	71	69	65	63.0
	MIN	55	53	55	35	45	43	50	54	41	44	47	44	40	42	42	34	44	36	28	33	29	33	36	43	48	42	42	36	36	36	34	41.3
LEWISTON	MAX	73	78	81	65	61	50	64	70	60	62	60	67	62	63	62	68	70	60	52	56	53	55	50	56	63	63	68	71	63	68	68	63.3
	MIN	58	56	56	33	36	43	45	54	45	46	48	40	39	46	43	34	35	37	27	28	27	27	34	46	46	36	34	34	34	34	35	39.9
LOCK HAVEN 1	MAX	75	78	78	64	64	50	60	72	58	67	63	68	64	55	58	67	71	57	53	54	52	55	55	57	62	66	60	69	65	70	66	63.0
	MIN	57	55	52	30	30	40	45	48	45	44	46	40	41	43	40	32	32	38	28	28	26	27	28	44	45	32	34	33	34	34	29	38.1
MARCUS HOOK	MAX	74	84	84	68	62	59	68	69	65	70	77	65	64	68	66	69	69	75	59	55	62	59	58	62	60	66	74	75	64	74	67	67.5
	MIN	59	62	58	44	52	50	56	58	50	54	57	60	49	46	48	43	52	41	35	44	39	41	45	48	52	49	50	45	47	49	42	49.2
MARTINSBURG BLAIR CO AP	MAX	72	74	60	55	47	54	64	60	60	60	66	58	53	56	61	66	68	44	51	48	50	48	53	59	60	57	66	63	68	65	63	59.0
	MIN	56	57	40	33	39	40	42	46	45	45	45	40	43	43	39	39	40	28	25	32	26	38	40	44	41	33	35	34	39	35	35	39.3
MAUCH CHUNK 1 SW	MAX	69	69	66	58	58	65	66	66	52	58	58	61	62	58	58	65		55	47	50	48	51	54	55	57	60	62	63	65	65	63	59.5
	MIN	57	52	51	31	38	42	45	52	38	38	47	42	35	39	43	27		35	27	34	29	21	38	44	45	42	40	32	32	30	27	38.4
MEADVILLE 1 S	MAX	75	65	63	59	64	52	57	68	59	64	55	56	59	47	58	63	74	50	44	53	49	53	58	59	58	54	63	66	69	71	71	59.9
	MIN	55	55	47	29	36	42	45	47	41	32	39	41	44	43	35	33	46	32	26	33	27	28	35	34	41	30	33	32	30	32	32	37.3
MERCER HGWY SHED	MAX	72	67	65	58	56	55	67	64	63	61	57		58	56	60	75	69	45	50	45	51	56	56	59	59	60	65	65	69	70	59	60.4
	MIN	60	50	49	33	42	42	46	48	39	39	44		38	41	32	39	43	32	26	33	27	36	42	40	43	28	31	32	32	32	32	38.4
MIDDLETOWN OLMSTED FIELD	MAX	76	76	64	59	52	67	67	61	64	70	67	64	61	60	63	66	72	49	52	53	54	52	51	64	61	66	69	61	69	66	62	62.5
	MIN	59	56	43	36	45	46	52	50	46	50	53	43	46	47	38	35	43	31	30	37	32	33	44	50	47	43	40	38	38	37	32	42.6
MIDLAND DAM NO 7 LOWER	MAX	68	72	61	61	51	55	69	57	65	54	62	58	58	58	60	75	63	43	53	50	54	58	60	61	56	58	58	62	64	65	55	59.5
	MIN	56	53	58	42	45	43	48	48	44	44	48	44	46	42	40	40	40	32	30	37	33	40	44	42	40	33	36	32	35	35	37	41.5
MONTROSE 3 E HGWY SHED	MAX	62	72	67	53	60	49	71	69	56	57	61	59	60	50	52	58	62	55	39	48	46	48	53	51	57	53	57	54	63	61	64	57.0
	MIN	49	54	40	27	28	39	43	46	40	41	43	39	39	36	38	36	37	30	25	27	25	27	30	35	38	37	37	33	35	31	31	36.0
NEWBURG 3 W	MAX	68	72	56	52	43	59	64	54	56	65	56	54	48	52	58	58	64	42	42	42	46	42	40	54	58	59	64	52	65	58	59	54.9
	MIN	48	50	36	33	36	38	40	41	38	39	40	30	30	37	28	26	32	22	18	22	20	24	34	38	42	37	36	32	34	33	32	33.7
NEW CASTLE 1 N PUMP STA	MAX	66	69	61	61	50	58	70	58	66	50	60	61	61	58	63	76	63	45	53	49	54	60	60	63	58	62	62	69	71	70	56	60.7
	MIN	56	50	41	31	42	43	41	46	41	43	43	39	43	40	35	33	39	29	28	30	27	31	45	38	33	32	34	30	33	28	32	37.3
NEWELL	MAX	76	74	78	65	64	54	55	74	59	65	65	54	58	60	58	72	75	50	43	55	56	55	57	59	59	56	51	62	64	52	60	60.8
	MIN	51	55	56	45	47	46	44	50	44	44	47	43	44	40	35	35	52	34	27	34	29	41	33	37	40	34	32	45	37	34	33	40.9

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5–Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEWPORT	MAX	69	78	80	66	62	52	66	71	66	65	64	66	64	61	61	67	68	71	50	54	54	55	51	50	63	63	66	70	64	68	68	63.6
	MIN	55	53	52	30	33	39	44	48	41	40	45	37	35	37	34	26	29	29	23	23	21	23	33	38	39	27	28	34	34	34	28	35.2
PALMERTON	MAX	73	73	63	60	50	69	69	60	62	60	65	64	62	57	63	64	69	50	50	53	54	54	56	60	60	66	69	64	70	67	65	62.0
	MIN	59	52	40	33	41	44	45	51	42	44	50	46	43	39	38	30	45	32	26	38	29	27	40	45	47	46	42	37	37	36	31	40.5
PARK PLACE 1 NW WB AP	MAX	69	70	53	57	46	64	63	54	56	55	58	58	55	51	57	60	63	41	47	46	46	47	49	54	54	59	61	65	64	65	64	56.5
	MIN	54	51	36	32	37	37	50	41	40	45	46	41	39	39	38	38	37	28	24	32	27	30	38	39	41	35	39	43	43	43	45	39.0
PHILADELPHIA FRANKL INST	MAX	78	77		65	58	66	68	68	71		74	69	66	60	65	64		78	52			56	59		61	62	70	66	62	68		66.0
	MIN	62	61	57		44	50	58	58	40	53		57	50	46	47	45	53		33	42			36	49		47	50	46	48	46	42	48.8
PHILADELPHIA WB AIRPORT	MAX	78	77	63	60	55	68	69	65	64	73	66	68	64	58	63	67	76	56	53	56	53	56	61	57	60	70	69	62	70	65	61	64.0
	MIN	61	60	47	43	50	50	56	54	47	51	59	51	48	44	45	39	49	37	31	43	35	36	48	49	49	47	46	42	42	44	39	46.5
PHILADELPHIA PT BREEZE	MAX	78	77	64	60	56	68	70	66	64	74	68	69	64	56	63	69	78	50	52	56	53	57	59	56	61	73	72	66	74	68	61	64.6
	MIN	61	60	48	45	50	51	58	57	47	52	61	54	47	45	49	46	52	39	36	43	37	40	48	49	51	48	52	48	47	48	40	48.7
PHILADELPHIA SHAWMONT	MAX	77	72	65	62	57	66	68	65	65	70	69	67	63	60	65	66	75	69	57	65	55	55	59	56	61	70	69	63	70	63	64	64.8
	MIN	60	54	56	37	45	48	51	57	54	49	56	55	53	42	44	37	58	39	39	41	33	32	45	48	43	46	43	38	39	40	35	45.7
PHILADELPHIA WB CITY	MAX	78	78	65	60	56	65	67	64	63	72	65	66	62	58	65	66	75	58	52	56	55	55	57	55	59	72	71	63	74	66	61	63.8
	MIN	68	63	50	45	50	50	56	57	50	54	60	57	50	47	48	49	51	39	37	44	38	41	48	50	51	47	51	49	52	48	47	49.9
PHILLIPSBURG 7 E AP	MAX	67	72	58	57	47	56	63	54	56	53	62	55	50	54	59	63	65	42	47	47	47	45	52	59	56	63	62	62	66	62	68	57.1
	MIN	50	49	34	28	37	39	45	40	41	38	35	35	39	36	29	40	38	24	16	25	14	23	35	38	34	31	27	23	30	26	29	33.2
PHOENIXVILLE 1 E PUMP STA	MAX	85	84	72	67	58	67	73	74	72	77	70	74	68	67	65	67	76	79	70	60	55	55	58	60	64	71	78					69.1
	MIN	58	52	40	32	42	48	46	56	40	45	53	54	35	37	37	39	31	29	24	40	28	27	42	43	48	44	46	31	31	33	28	40.0
PITTSBURGH 7 SE WB AIRPORT	MAX	68	76	60	59	48	52	70	60	65	57	62	56	57	56	58	76	65	44	52	49	51	55	59	60	55	55	61	66	69	68	63	59.7
	MIN	58	55	47	40	41	42	49	46	43	41	48	44	41	41	43	45	36	33	30	34	31	42	43	42	42	36	33	38	44	42	44	41.7
PITTSBURGH WB CITY	MAX	70	76	62	61	51	54	70	60	65	58	63	58	60	58	60	75	65	44	54	50	54	57	59	62	55	57	60	67	70	68	63	60.8
	MIN	61	55	48	42	44	45	53	47	46	44	48	48	44	44	42	40	39	36	34	38	33	44	46	45	44	37	38	36	40	38	41	43.2
PORT CLINTON	MAX	68	74	73	62	60	55	67	63	60	61	63	65	62	60	57	62	61	69	50	51	53	52	52	54	60	60	62	67	61	70	59	61.1
	MIN	53	52	53	31	35	44	45	52	37	38	47	43	35	38	40	29	33	35	24	28	29	24	30	42	40	42	37	32	32	33	35	37.7
PUTNEYVILLE 2 SE	MAX	75	78	64	75	59	46	58	69	55	60	50	60	57	55	55	40	75	60	44	51	49	51	54	59	61	56	61	61	65	70	69	59.4
	MIN	49	47	47	25	38	35	38	42	38	37	36	34	36	35	30	32	38	28	18	24	22	22	37	33	34	23	29	22	25	24	25	32.4
QUAKERTOWN	MAX	72	73	68	59	53	67	67	61	61	67	63	63	61	56	60	64	72	67	50	53	50	54	58	56	63	68	66	63	68	64	64	62.3
	MIN	54	48	49	31	43	41	43	51	37	39	51	46	40	40	40	27	44	30	21	39	26	23	40	45	48	44	43	30	32	30	28	38.8
READING WB CITY	MAX	75	77	65	60	52	67	66	62	64	70	68	65	64	58	66	66	72	54	53	56	55	55	57	61	63	70	72	64	72	66	66	63.9
	MIN	57	59	48	39	46	49	54	52	47	50	58	51	47	46	43	36	46	38	31	41	34	32	45	46	49	46	47	39	39	40	37	44.9
RETREAT FARMS	MAX	72	73	60	60	53	69	71	62	59	59	66	64	58	57	60	64	66	58	49	51	49	54	56	61	58	63	58	59	63	63	62	60.5
	MIN	59	51	50	30	39	45	43	55	42	43	40	42	39	41	38	33	47	33	25	33	26	24	41	39	45	34	32	35	47	36	29	39.2
RIDGWAY	MAX	75	70	74	61	61	52	57	71	55	51	51	55	58	49	58	64	59	59	44	52	48	50	59	58	63	57	67	68	71	75	69	60.0
	MIN	52	49	49	25	27	37	44	48	44	36	38	37	41	39	34	27	30	31	22	26	24	20	22	34	38	30	31	30	29	29	30	34.0
SCRANTON WB CITY	MAX	71	68	58	63	53	71	71	62	59	60	65	62	56	57	61	67	69	44	50	50	51	57	57	59	57	62	59	61	65	65	63	60.4
	MIN	61	57	41	34	44	47	54	48	46	50	52	47	45	44	41	37	36	30	28	39	31	33	44	43	43	43	39	36	38	37	35	42.0
SELINSGROVE AIRPORT	MAX	76	79	64	60	52	70	69	70	62	61	65	65	58	62	64	67	64	53	52	53	56	53	55	65	60	67	71	62	69	64	65	63.0
	MIN	55	50	50	29	39	41	46	45	43	46	45	35	36	42	40	29	50	27	24	33	24	24	39	40	46	34	30	38	32	36	29	38.0
SHIPPENSBURG	MAX	80	82	70	62	55	63	68	64	65	72	70	62	62	61	67	70	73	69	54	53	55	50	48	63	65	68	72	68	73	67	67	65.1
	MIN	57	54	48	34	42	41	46	53	47	49	51	40	45	44	39	34	47	36	28	36	28	33	41	46	43	38	37	36	40	37	35	41.9
SOMERSET WATER WORKS	MAX	68	73	60	58	47	49	62	62	59	67	63	55	54	52	60	74	64	42	51	49	50	46	55	58	55	55	68	72	71	70	68	59.3
	MIN	50	53	51	37	38	38	37	44	41	43	45	36	40	40	32	28	42	30	19	32	21	31	33	36	38	31	23	24	30	26	25	35.3
SPRINGS 1 SW	MAX	66	71	58	49	42	46	57	60	56	66	62	51	55	50	58	72	64	36	50	42	47	45	53	53	52	58	66	71	68	69	67	56.8
	MIN	49	51	45	37	34	36	39	40	42	45	43	36	39	38	34	30	34	27	17	30	21	33	29	36	38	35	26	30	33	32	31	35.2
STATE COLLEGE	MAX	71	74	61	58	50	59	66	58	58	58	64	58	55	57	61	66	65	45	50	48	50	49	54	60	60	65	67	65	69	64	61	59.5
	MIN	56	58	40	33	40	41	51	44	44	45	45	41	43	44	41	39	42	32	27	32	26	30	44	44	42	35	38	36	38	37	37	40.2
STROUDSBURG SUBSTATION	MAX	66	75	77	69	65	55	73	74	60	63	65	66	67	64	60	68	67	72	49	52	55	56	57	60	59	63	71	70	65	71	69	64.6
	MIN	57	55	56	37	39	44	46	47	44	44	44	50	44	42	37	33	35	38	27	28	27	27	29	38	47	49	36	37	35	35	32	40.0
SUNBURY 2 N AIRPORT	MAX	74	77	65	60	52	72	69	61	62	60	65	60	55	60	65	66	63	50	53	52	55	53	55	64	62	68	69	62	67	64	60	61.9
	MIN	54	55	41	32	43	44	46	47	46	50	49	41	43	43	35	34	42	33	28	33	28	30	43	43	42	37	36	38	39	36	34	40.2
TAMARACK 2 S FIRE TOWER	MAX	65	70	70	56	56	47	57	64	51	52	62	58	58	47	54	60	64	58	41	49	43	41	51	52	56	53	61	63	64	68	65	56.9
	MIN	51	55	42	30	34	37	41	48	41	40	41	37	39	38	37	39	39	30	24	25	27	26	29	40	40	30	30	38	45	41	42	37.3
TIONESTA 2 SE DAM	MAX	73	68	71	60	60	54	58	68	53	60	54	58	58	49	56	64	75	55	41	52	43	53	56	60	62	55	61	66	70	73	71	59.8
	MIN	53	54	49	29	31	39	43	47	43	39	40	35	40	40	30	31	38	34	25	30	28	25	30	40	40	33	37	31	31	29	28	36.2
TITUSVILLE 2 S	MAX	66	64	59	60	53	55	64	63	58	58	54	57	52	52	59	75	67	42	51	46	50	55	58	59	49	58	63	66	67	66	57	58.2
	MIN	53	53	46	27	38	41	47	45	40	37	40	37	42	39	36	36	41	31	25	32	22	28	41	35	42	30	31	27	28	27	30	36.4
TOWANDA	MAX	76	75	59	64	53	70	73	61	62	67	65	63	57	59	64	69	62	48	55	54	54	58	56	63	57	64	64	57	65	63	61	61.9
	MIN	53	54	38	27	34	43	41	48	44	41	48	34	40	36	39	29	43	32	25	33	31	20	40	40	42	40	29	35	35	38	28	37.4
TUNKHANNOCK 1 S	MAX	66	74	73	59	64	53	72	74	61		64	64	63	56	57	62	65	59	47	52	54	52	57	55	61	58	62	59	58	65	65	61.6
	MIN	54	49	47	26	34	40	37	50	44		46	37	42	39	37	26	50	38	38	36	26	19	35	39	41	40	30	33	35	36	26	37.7
UNIONTOWN	MAX	70	75	60	59	50	54	72	62	63	69	67	58	60	56	59	76	67	44	55	50	57	57	60	59	54	51	65	62	63	68	65	60.8
	MIN	59	55	54	47	43	42	51	47	46	46	45	45	45	42	35	40	37	31	28	33	29	44	42	39	38	34	32	35	37	33	35	40.5
WARREN	MAX	73	70	71	65	55	59	71	59	59	58	53	64	48	56	65	75	63	47	55	45	54	59	62	63	65	66	69	73	73	73	60	62.2
	MIN	53	55	35	28	37	43	44	43	42	37	40	39	41	41	39	35	40	30	29	31	27	25	40	37	39	35	35	33	35	29	35	37.1
WAYNESBURG 1 E	MAX	69	77	67	59	55	54	73	66	66	69	66	58	62	59	64	76	68	45	55	51	56	57	60	61	55	49	69	70	72	75	63	62.1
	MIN	54	47	52	41	42	40	39	45	47	45	42	35	40	34	30	28	41	30	20	27	20	35	30	31	31	27	27	28	32	26	28	35.3
WELLSBORO	MAX	72	73	73	58	61	51	67	72	57	59	64	66	60	55	58	64	58	58	45	53	51	53	55	59	57	54	64	70	70	67	72	61.1
	MIN	55	50	43	21	22	34	36	41	43	37	40	31	31	40	40	24	28	32	26	28	19	18	42	42	34	28	28	27	27	26	32	32.0
WELLSVILLE	MAX	76	77	72	57	53	63	65	62	64	70	66	65	60	59	63	65	73	64	52	54	53	51	51	64	62	66	70	64	69	65	64	63.3
	MIN	56	52	53	31	42	44	45	54	42	40	51	40	37	40	39	30	41	38	23	32	26	30	42	46	50	42	34	31	36	31	30	39.4
WEST CHESTER	MAX	77	76	62	60	50	66	65	62	65	72	64	68	64	58	62	68	75	60	54	56	54	55	60	58	61	68	70	62	70	68	65	63.2
	MIN	55	55	47	38	45	46	50	51	42	45	55	48	43	40	42	37	46	36	28	39	33	34	44	46	48	43	45	45	41	42	40	43.1
WILLIAMSPORT 4 E WB AP	MAX	75	77	62	62	53	70	70	63	62	63	63	61	56	59	64	65	58	48	54	54	54	52	54	62	60	66	69	60	70	65	57	61.4
	MIN	53	54	37	28	39	44	46	44	44	42	49	40	40	41	34	30	39	29	25	32	29	25	44	43	41	37	32	36	37	35	30	38.1
WILLIAMSTOWN	MAX	74	78	72	61	56	64	67	62	63	62	65	62	57	58	64	66	69	67	53	53	53	50	50	63	61	65	70	65	70	66	66	63.3
	MIN	55	54	52	32	40	42	45	52	41	44	48	39	34	44	44	30	48	35	22	36	27	26	43	46	47	40	42	32	33	30	30	39.6
YORK 3 SW PUMPING STATION	MAX	80	82	76	63	56	66	67	63	67	74	70	66	64	61	66	69	76	71	55	55	56	53	53	66	65	68	72	67	73	70	69	66.6
	MIN	57	53	53	32	43	45	50	56	40	47	53	45	40	40	35	31	50	39	26	33	27	32	41	42	50	40	32	32	38	32	33	40.1

See reference notes following Station Index.

TABLE 7
DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
HIGH																																			
LEHIGHTON	9	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4	2.6	2.4	2.4	2.5	2.1	2.4	2.4	2.1	2.4	2.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	2.1	2.0	2.1			
SCHUYLKILL																																			
READING	13	3.8	3.5	3.4	3.3	3.2	3.7	3.8	3.4	4.5	3.6	3.4	4.3	3.3	3.2	3.2	3.1	3.0	3.1	3.6	3.1	2.9	2.9	3.6	3.1	3.1	3.1	3.2	2.8	3.2	3.1	3.2	3.2	3.2	3.2
PHILADELPHIA		6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.9	6.0	5.9	5.9	5.8	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.9	5.8
DELAWARE																																			
EASTON	22	0.8	1.0	0.8	0.4	0.7	0.5	0.9	0.8	0.8	0.8	0.4	0.2	0.7	0.8	0.8	0.7	0.6	0.4	0.4	0.8	1.3	1.3	0.8	0.7	0.4	0.4	0.7	0.8	0.8	0.8	0.1	0.1	1.1	2.1
WEST BRANCH																																			
RENOVO	16	-0.2	0.2	-0.2	0.2	0.2	-0.2	0.2	0.2	0.0	0.5	0.5	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.2	1.1
WILLIAMSPORT	20	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.6	0.7	0.8	0.7	0.6	0.5	0.5	0.8	1.2	1.0	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.4	0.3	0.2	0.2	1.2	1.9	2.1
LAME CREEK																																			
CEDAR RUN	12	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	2.3	2.2	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3	1.7	1.4
JUNIATA																																			
NEWPORT	22	3.3	3.3	3.2	3.2	3.0	3.2	3.4	3.4	3.6	3.7	3.8	4.2	3.5	3.5	3.7	3.5	3.3	3.5	3.7	3.6	3.7	3.4	3.4	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.2	3.0
SUSQUEHANNA																																			
TOWANDA	16	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	1.1	1.1	1.1	1.0	0.9	0.7	0.7	0.8	0.6	0.3	0.6	1.1	1.2	0.2
SUNBURY	16	0.6	0.6	0.6	0.6	0.5	0.6	0.7	0.6	0.6	0.7	0.6	0.8	0.8	0.8	0.8	0.8	0.7	0.9	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.7	1.2	1.9	0.5
WILKES BARRE	22	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.3	1.2	1.2	1.3	1.1	1.5	1.8	1.9	1.8	2.1	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.4	1.4	2.1	2.2	0.9
HARRISBURG	17	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.2	3.3	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.3	3.0	2.9
TIONESTA																																			
NEWMOUGH																																			
SEWARD	18	2.7	2.7	2.7	2.6	2.7	2.8	2.7	2.9	3.0	3.0	3.1	3.0	3.0	3.0	2.8	2.8	2.8	2.9	3.0	3.1	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.7	3.1	2.6	2.4
ALLEGHENY																																			
WARREN	14	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.7	1.6	1.6	1.8	1.6	1.5	1.5	1.3	1.6	3.7	4.4	3.9	3.5	3.2	2.8	2.7	2.6	2.4	2.3	2.2	2.2	2.2	2.1	4.4	1.2	1.1
FRANKLIN	17	2.1	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.2	2.2	2.4	2.4	2.4	2.5	2.6	2.8	2.9	4.1	5.8	5.5	4.8	4.3	3.8	3.6	3.4	3.2	3.1	3.0	2.9	2.9	2.8	5.8	1.9	0.5
PARKERS LANDING	20	1.1	1.2	1.1	1.0	1.0	1.3	1.0	1.0	1.3	1.2	1.2	1.6	1.8	1.6	1.4	1.6	2.0	2.2	4.1	4.7	3.9	3.5	2.8	2.5	2.3	2.1	2.0	1.9	1.8	2.1	1.7	4.7	1.0	0.4
SCHENLEY LOCK 5 LOWER	24	11.4	11.0	11.4	11.4	11.4	11.4	11.5	11.5	11.5	11.9	11.9	11.8	11.9	12.0	11.8	11.7	11.7	12.1	12.5	13.4	13.3	13.0	12.7	12.4	12.3	12.1	12.0	12.0	11.9	11.9	11.9	13.5	11.0	2.0
SCHENLEY LOCK 5 UPPER	24	11.0	11.0	11.0	11.0	10.9	10.9	11.0	11.0	11.0	11.0	11.2	11.1	11.3	11.3	11.2	11.2	11.2	11.6	12.0	13.1	13.0	12.5	12.2	12.0	11.9	11.6	11.6	11.5	11.4	11.4	11.4	13.2	10.9	5.4
MOSGROVE LOCK 8 LOWER	24	10.9	10.9	10.9	10.8	10.8	10.9	10.9	10.9	10.9	11.0	11.0	11.2	11.1	11.3	11.1	11.1	11.2	11.5	12.4	13.3	13.0	12.5	12.2	12.0	11.8	11.6	11.5	11.4	11.4	11.3	11.3	13.3	10.8	4.4
MOSGROVE LOCK 8 UPPER	24	14.4	14.3	14.3	14.3	14.3	14.4	14.3	14.3	14.4	14.4	14.5	14.7	14.6	14.7	14.5	14.5	14.6	14.8	15.6	16.1	15.9	15.6	15.3	15.2	15.0	14.9	14.9	14.8	14.7	14.8	14.7	18.1	14.3	2.4
NATRONA LOCK 4 LOWER	24	10.3	10.4	10.4	10.4	10.4	10.3	10.4	10.4	10.4	10.6	10.7	10.6	10.8	10.9	10.7	10.6	10.6	10.9	11.2	12.4	12.2	11.8	11.3	11.2	11.0	10.9	10.9	10.7	10.7	10.7	10.7	12.4	10.4	3.1
NATRONA LOCK 4 UPPER	24	9.1	9.2	9.2	9.2	9.2	9.1	9.2	9.2	9.2	9.5	9.5	9.5	9.6	9.6	9.5	9.4	9.4	9.8	10.1	11.1	10.9	10.6	10.4	10.2	9.5	9.8	9.8	9.7	9.6	9.4	9.4	11.1	9.1	1.4
ACMETONIA LOCK 3 LOWER	25	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.9	13.1	13.0	13.0	13.2	13.1	13.0	13.0	13.2	13.5	14.5	14.4	14.1	13.8	13.6	13.4	13.4	13.3	13.2	13.2	13.1	13.1	14.5	12.7	1.4
ACMETONIA LOCK 3 UPPER	25	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.6	12.7	12.6	12.6	12.7	12.6	12.6	12.6	12.7	13.1	14.0	13.8	13.5	13.3	13.1	13.0	12.9	12.8	12.7	12.7	12.7	12.7	14.0	12.4	1.4
KISKIMINETAS																																			
SALTSBURG	16	1.0	1.0	1.0	1.0	0.9	1.0	1.2	1.3	1.7	1.9	1.7	1.7	1.7	1.6	1.3	1.2	1.2	1.5	1.8	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.1	1.9	1.0	0.9
VANDERGRIFT		3.3	3.3	3.3	3.3	3.2	3.4	3.6	3.9	3.9	4.4	4.5	4.5	4.8	4.4	3.9	3.7	3.6	4.4	4.8	4.6	4.4	4.2	4.0	3.9	3.8	3.8	3.7	3.7	3.7	3.6	3.6	4.8	3.4	3.2
YOUGHIOGHENY																																			
CONFLUENCE	12	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.5	3.6	2.9	2.7	2.6	2.6	2.6	2.6	2.6	2.5	2.8	2.7	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.4	2.4	2.4	2.4	2.4	3.6	2.3	2.5
SUTERSVILLE	20	3.5	3.5	3.5	3.4	3.4	3.5	3.6	3.7	3.9	4.4	4.0	3.8	3.7	3.7	3.7	3.7	3.6	4.4	4.4	4.0	3.9	3.7	3.6	3.6	3.5	3.5	3.5	3.6	3.5	3.5	3.5	4.4	3.4	4.4
CONNELLSVILLE	16	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.4	3.3	2.9	2.6	2.5	2.5	2.5	2.4	2.4	2.9	2.8	2.7	2.5	2.4	2.4	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	3.3	2.2	1.4
MONONGAHELA																																			
CHARLEROI LOCK 4 LOWER	30	11.8	11.5	11.4	11.2	11.1	11.5	11.2	11.4	12.5	12.2	11.3	11.2	11.3	11.3	11.3	11.3	11.3	12.3	12.3	12.2	12.1	12.0	12.4	11.6	11.4	11.9	11.7	11.3	11.3	11.4	11.2	12.5	11.1	5.5
CHARLEROI LOCK 4 UPPER	30	15.2	15.1	15.0	14.7	14.6	15.1	14.7	15.1	16.1	15.5	14.6	15.0	15.0	15.1	15.0	15.3	14.8	15.8	15.8	15.7	15.6	15.6	15.8	15.0	14.8	15.6	15.2	14.8	15.0	15.1	14.8	15.8	14.6	6.5
GREENSBORO LOCK 7 LOWER	30	10.9	10.9	10.9	10.6	10.6	10.6	10.7	10.8	12.2	10.9	10.3	10.7	10.6	10.8	11.0	10.6	11.5	11.4	11.3	11.4	11.2	11.2	10.9	10.8	11.2	11.0	10.7	10.9	10.9	10.8	12.2	9.1	10.3	3.1
GREENSBORO LOCK 7 UPPER	30	11.2	11.4	11.3	11.1	11.2	11.0	11.2	11.2	12.4	11.0	11.0	11.1	11.1	11.1	11.1	11.1	11.5	11.7	11.7	11.6	11.5	11.4	11.4	11.4	11.5	11.4	11.3	11.5	11.4	11.5	12.4	9.1	11.0	6.4
MC KEESPORT	12	3.5	2.9	2.9	2.6	2.6	2.9	2.9	2.9	3.5	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.9	3.6	3.6	3.5	3.5	3.4	3.3	3.0	3.0	2.9	2.6	2.9	2.9	3.9	3.9	2.6	4.4
OHIO																																			
CORAOPOLIS	26	10.0	9.9	9.8	9.7	9.6	9.8	9.7	9.7	10.0	10.4	10.0	9.8	9.8	10.0	10.0	9.9	9.9	10.4	10.6	11.0	11.0	10.7	10.6	10.3	10.1	10.1	10.1	10.0	10.0	9.9	9.9	11.0	9.6	5.5
PITTSBURGH	25	h16.8	h16.6	h16.6	h16.6	h16.7	h16.7	h16.6	h16.6	h16.7	h16.7	h16.8	h16.6	h16.7	h16.6	h16.6	h16.6	h16.6	h16.6	h16.5	h16.8	h16.8	h16.7	h16.6	h16.6	h16.6	h16.7	h16.7	h16.6	h16.6	h16.8	h16.7	16.8	16.3	18.1
MIDLAND DAM NO 7 LOWER	30	9.6	9.4	9.2	9.5	9.3	9.4	9.3	9.4	9.5	10.1	9.5	9.2	9.8	9.6	9.5	9.5	9.6	10.1	10.4	10.8	10.8	10.2	10.3	9.8	9.6	9.3	9.8	9.6	9.6	9.5	9.7	10.8	9.2	3.4
MIDLAND DAM NO 7 UPPER	30	15.6	15.7	15.5	15.7	15.6	15.7	15.6	15.6	15.7	15.6	15.5	15.5	15.6	15.7	15.5	15.7	15.7	15.4	15.3	15.5	15.5	15.7	15.6	15.7	15.4	15.4	15.7	15.5	15.6	15.6	15.7	15.7	15.3	19.1

The following reference notes apply only to Table 7 - Daily River Stages:

Readings are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a Obstructed by rough ice.
b Frozen but open at gage.
c Upper surface of smooth ice.
d Ice gorge above gage.
e Ice gorge below gage.
f Shore ice.
g Floating ice.
h Pool stage.
i Dry at gage.
j Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
ACMETONIA LOCK 3 LOWER	0022	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST		7A		44		U S E P B G	3 7
ACMETONIA LOCK 3 UPPER	0023	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST						U S E P B G	7
ALBION	0062	ERIE	LAKE ERIE	41 53	80 22	900	EST	7A	7A	4	4		ALBION HIGH SCHOOL	2 3 4 5
ALLENS MILLS	0099	JEFFERSON	ALLEGHENY	41 12	78 54	1590	EST		MID		10		CHARLES H ALLEN	3 4
ALLENTOWN-EAST-BETH WB AP	0106	LEHIGH	LEHIGH	40 39	75 26	381	EST	MID	MID	10	8		U S WEATHER BUREAU	2 3 4 5
ALLENTOWN GAS CO	0111	LEHIGH	LEHIGH	40 36	75 28	254	EST	7A	7A	27	37		ALLENTOWN-BETH GAS CO	2 3 5
ALTOONA HORSESHOE CURVE	0134	BLAIR	JUNIATA	40 30	78 29	1500	EST	6P	6P	53	64		ALTOONA WATER BUREAU	2 3 5
ARENDTSVILLE	0229	ADAMS	SUSQUEHANNA	39 55	77 18	710	EST	8A	8A	26	26		PA STATE COLL EXP STA	2 3 5
AUSTINBURG 2 MI W	0313	TIOGA	CHEMUNG	42 00	77 32	1590	EST		MID		12		U S E BALTO MD	3 4
AVOCA WILKES-BARRE SCRANTON AP	0319	LUZERNE	SUSQUEHANNA	41 21	75 43	950	EST	MID	MID	1	1		CIVIL AERO ADM	2 3 5
BAKERSTOWN 4 MI WNW	0355	ALLEGHENY	ALLEGHENY	40 40	80 00	1200	EST	7A	7A	1	1		A H BURKE	3
BARNES	0409	WARREN	ALLEGHENY	41 40	79 01	1310	EST		7A		8		U S E P B G	3
BEAR GAP	0457	NORTHUMBERLAND	SUSQUEHANNA	40 50	76 30	843	EST		MID		3		ROARING CREEK WTR CO	3
BEAVER FALLS	0475	BEAVER	BEAVER	40 46	80 19	760	EST		7A		40		HOWARD J KEMP	3 7
BEAVERTOWN	0482	SNYDER		40 45	77 10	640	EST	5P	5P				JAMES F KEEN	2 3 5
BELLEFONTE ROCKVIEW FARM	0530	CENTER	WEST BRANCH	40 52	77 47	1060	EST	8A	8A	20	32		WESTERN STATE PEN'TRY	2 3 5
BERWICK	0611	COLUMBIA	SUSQUEHANNA	41 03	76 14	570	EST	6P	6P	3	3		AMER CAR & FOUNDRY CO	2 3 5
BETHLEHEM RIVER STATION	0629	NORTHAMPTON	LEHIGH	40 37	75 22	390	EST		7A	8	8		BETHLEHEM STEEL CORP	3
BETHLEHEM LEHIGH UNIV	0634	NORTHAMPTON	LEHIGH	40 36	75 23	450	EST	MID	MID	47	64		LEHIGH UNIVERSITY	2 3 4 5
BLAIN	0725	PERRY	SUSQUEHANNA	40 20	77 31	720	EST		MID		11		PENNA DEPT F & W	3 4
BLAIRSVILLE 6 MI ENE	0736	INDIANA	ALLEGHENY	40 27	79 09	2048	EST	MID	MID	3	12		U S WEATHER BUREAU	2 3 4 5
BLAKESLEE CORNERS	0743	MONROE	LEHIGH	41 06	75 36	1670	EST		MID		11		HAROLD WILDRICK	3 4
BLOSERVILLE 1 MI N	0763	CUMBERLAND	SUSQUEHANNA	40 16	77 22	650	EST		5P		36		MRS B M WILLDERS	3
BOSWELL	0820	SOMERSET	ALLEGHENY	40 11	79 08	2684	EST		MID		11		FRANK J HOUPT	3 4
BRADDOCK LOCK 2	0861	ALLEGHENY	MONONGAHELA	40 24	79 52	725	EST		7A		14		U S E P B G	3
BRADFORD CITY HALL	0867	MC KEAN	ALLEGHENY	41 58	78 39	1500	EST		8A	22	1		BRADFORD DIS FLD COM	3
BRADFORD 4 MI W RESERVOIR 1	0868	MC KEAN	ALLEGHENY	41 57	78 44	1680	EST	4P	4P		31		BRADFORD WATER DEPT	2 3 5
BRADFORD 5 S	0869	MC KEAN					EST		11A				GEORGE STRAND	3
BREEZEWOOD	0905	BEDFORD	JUNIATA	40 00	78 14	1352	EST	MID	MID	7	7		PA TURNPIKE COMM	3
BROOKVILLE AIRPORT	1002	JEFFERSON	ALLEGHENY	41 09	79 06	1407	EST	MID	MID	36	57		CIVIL AERO ADM	2 3 4 5
BRUCETON	1033	ALLEGHENY	OHIO	40 19	79 59	1000	EST		7A		13		RAY WILSON	3
BUCKSTOWN	1073	SOMERSET	CONEMAUGH	40 04	78 51	2480	EST		MID		11		RUSSELL L LAMBERT	3 4
BUFFALO MILLS	1087	BEDFORD	JUNIATA	39 58	78 39	1318	EST		7A		24		NELLIE R BROWN	3
BURGETTSTOWN 3 MI W	1105	WASHINGTON	OHIO	40 23	80 26	980	EST	7A	7A	1	1		LANGLOTH WATER CO	3
BURNT CABINS 2 MI NE	1115	HUNTINGDON	JUNIATA	40 05	77 52	990	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3 5
BUTLER	1130	BUTLER	BEAVER	40 52	79 54	1100	EST	4P	4P	25	35		BUTLER EAGLE	2 3 5
BUTLER SUBSTATION	1135	BUTLER	BEAVER	40 51	79 53	1140	EST		MID		11		WEST PENN POWER CO	3 4
CAMP HILL	1198	CUMBERLAND	SUSQUEHANNA	40 15	76 56	461	EST		8A		3		JOSEPH N HOBART	3
CANTON 1 MI NW	1215	BRADFORD	SUSQUEHANNA	41 40	76 52	1450	EST	8A	8A	5			MILDRED L SPENCER	2 3 4 5
CARLISLE	1234	CUMBERLAND	SUSQUEHANNA	40 12	77 11	473	EST	6P	6P	80	60		PROF CHAS E MILLER	2 3 5
CARROLLTOWN	1255	CAMBRIA	WEST BRANCH	40 36	78 42	2165	EST		7A		5		NED R WESTRICK	3
CARTER CAMP	1262	POTTER	WEST BRANCH	41 38	77 45		EST		MID		10		IRVING E GRESSEL	3 4
CEDAR RUN	1301	LYCOMING	WEST BRANCH	41 31	77 28	800	EST		7A		30		CHARLES R NIVISON	3
CHADDS FORD	1342	DELAWARE	DELAWARE	39 52	75 35	180	EST		8A		3		HERBERT W GUEST	3
CHAMBERSBURG	1354	FRANKLIN	POTOMAC	39 56	77 39	640	EST	8P	10P	48	53		CHARLES A BENDER	2 3 4 5
CHARLEROI	1372	WASHINGTON	MONONGAHELA	40 08	79 55	1040	EST		MID		11		WEST PENN POWER CO	3 4
CHARLEROI LOCK 4 LOWER	1377	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST		7A		63		U S E P B G	3
CHARLEROI LOCK 4 UPPER	1378	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST						U S E P B G	
CLARION 3 MI SW	1485	CLARION	ALLEGHENY	41 12	79 26	1114	EST	8P	7A	6	41		PA ELECTRIC CO	2 3 4 5
CLAUSSVILLE	1505	LEHIGH	LEHIGH	40 37	75 39	670	EST		9A		3		VERNA A DOTTERER	3
CLAYSVILLE	1512	WASHINGTON	OHIO	40 07	80 25	1170	EST	7P	7P	45	45		WALTER B PAGET	2 3 5
CLEARFIELD	1519	CLEARFIELD	WEST BRANCH	41 01	78 27	1140	EST		7A	32	40		WILLIAM H WITHEROW	3
COALDALE GREENWOOD RESERVOIR	1572	SCHUYLKILL	SCHUYLKILL	40 50	75 56	1026	EST		7A		26		PANTHER VALLEY WTR CO	3
COALPORT	1581	CLEARFIELD	WEST BRANCH	40 45	78 32	1480	EST		7A		4		ADAM I NEFF	2 3 4 5
COATESVILLE 1 MI SW	1589	CHESTER	DELAWARE	39 58	75 50	342	EST	8A	8A	61	61		PHILA ELECTRIC CO	2 3 4 5
COATESVILLE	1594	CHESTER	DELAWARE	39 59	75 48	431	EST		7A		2		EDWARD O BEIDEMAN	3
COGAN STATION 2 MI N	1631	LYCOMING	WEST BRANCH	41 21	77 05	650	EST		10A				WILLIAM R WOLFE	3
COLUMBIA	1675	LANCASTER	SUSQUEHANNA	40 02	76 30	300	EST	ss	ss	6	6		JAMES H RUST	2 3 5
CONFLUENCE 1 MI SW	1705	SOMERSET	YOUGHIOGHENY	39 48	79 22	1490	EST	8A	8A	3	3		U S E P B G	3 4 6
CONFLUENCE 1 MI NW	1710	SOMERSET	YOUGHIOGHENY	39 50	79 22	1331	EST		7A		74		JOHN L REID	3
CONNELLSVILLE	1723	FAYETTE	MONONGAHELA	40 01	79 36	990	EST		7A		10		EMERY C STEWART	3
CONNELLSVILLE 4 MI N	1728	FAYETTE	MONONGAHELA	40 04	79 34	1145	EST		MID		11		GEORGE BAER	3 4
CONSHOHOCKEN	1737	MONTGOMERY	DELAWARE	40 04	75 19	70	EST		8A		25		PHILA ELECTRIC CO	3
CORAOPOLIS DAM 2	1773	ALLEGHENY	OHIO	40 31	80 10	720	EST		7A		40		U S E P B G	3
CORRY	1790	ERIE	ALLEGHENY	41 55	79 38	1427	EST	6P	6P	33	33		GEORGE P MULDERICK	2 3 5
COUDERSPORT	1804	POTTER	ALLEGHENY	41 46	78 01	1653	EST	5P	5P	18	23		POTTER ENTERPRISE	2 3 5
COUDERSPORT 8 MI E	1809	POTTER	ALLEGHENY	41 46	77 53	2425	EST		8A		2		ROBERT B KEITH	3
COVINGTON	1832	TIOGA	SUSQUEHANNA	41 45	77 05	1193	EST		7A		10		GROVER D CLEVELAND	3
CREEKSIDE	1881	INDIANA	ALLEGHENY	40 41	79 12	1035	EST		7A		8		U S E P B G	3
CRESSON 1 MI E SUMMIT	1894	CAMBRIA	WEST BRANCH	40 28	78 34	2300	EST		MID		11		PENNA EDISON CO	3
CURWENSVILLE 6 MI NW AIRPORT	1966	CLEARFIELD	WEST BRANCH	41 03	78 35	2215	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4 5
CUSTER CITY 2 MI W SONGBIRD	1978	MC KEAN	ALLEGHENY	41 55	78 41	2120	EST		8A		1		BRADFORD DIS FLD COM	3
DANVILLE	2013	MONTOUR	SUSQUEHANNA	40 58	76 37	460	EST		7A		8		JAMES A BRYAN	3
DAUPHIN 3 MI N	2029	DAUPHIN	SUSQUEHANNA	40 25	76 56	1300	EST		7A		8		JOHN HEPFORD	3
DERRY	2108	WESTMORELAND	CONEMAUGH	40 20	79 18	1150	EST	6P	6P	51	51		MRS N D WINEMAN	2 3 5
DINGMANS FERRY	2160	PIKE	DELAWARE	41 13	74 52	360	EST		7A		11		A JORGENSON	3 4
DONEGAL	2183	WESTMORELAND	CONEMAUGH	40 06	79 23	1746	EST	MID	MID	5	5		PENNA TURNPIKE COMM	2 3 5
DONORA	2190	WASHINGTON	MONONGAHELA	40 11	79 51	761	EST	MID	MID	22	22		DONORA ZINC WORKS	2 3 5
DOYLESTOWN	2221	BUCKS	DELAWARE	40 18	75 08	370	EST		5P		58		GEORGE HART	3
DRIFTWOOD	2245	CAMERON	WEST BRANCH	41 20	78 08	820	EST		MID		11		SIDNEY KENNEDY	3 4
DU BOIS 7 MI E	2265	CLEARFIELD	WEST BRANCH	41 06	78 38	1670	EST		7A		11		CITY OF DU BOIS	3 4
DUNLO	2298	CAMBRIA	CONEMAUGH	40 17	78 44	2440	EST		MID		11		MRS D L WHITE	3 4
DUSHORE	2323	SULLIVAN	WEST BRANCH	41 32	76 24		EST		MID		11		KENNETH MOSIER	3 4
EAGLES MERE	2343	SULLIVAN	SUSQUEHANNA	41 24	76 35	2020	EST	7A	7A	6	12		CARL E BIGGER	2 3 4 5
EASTON	2423	NORTHAMPTON	DELAWARE	40 42	75 12									

STATION INDEX — Continued

STATION	INDEX NO	COUNTY	DRAINAGE	LAT ° ′	LONG ° ′	ELEV (FT)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP	PRECIP	TEMP	PRECIP	EVAP		
EAST WATERFORD 3 MI E	2459	PERRY	JUNIATA	40 21	77 33	2125	EST	8P	7A	5	12		U S WEATHER BUREAU	2 3 5
EBENSBURG	2466	CAMBRIA	CONEMAUGH	40 29	78 44	2170	EST	8A	8A	31	31		JOHN L MC GOUGH	2 3 5
ELIZABETHTOWN	2560	LANCASTER	SUSQUEHANNA	40 08	76 37	460	EST		8A		3		MASONIC HOME	3
EMPORIUM	2633	CAMERON	WEST BRANCH	41 30	78 13	1100	EST	8A	8A	09	09		RUSSEL E PALMETEER	2 3 4 5
ENGLISH CENTER	2644	LYCOMING	WEST BRANCH	41 26	77 17	881	EST		MID		9		WILLIAM SUDERS	3 4
EPHRATA	2662	LANCASTER	SUSQUEHANNA	40 10	76 10	470	EST	6P	6P	16	55		WM W HALLIGAN	2 3 5
EQUINUNK	2669	WAYNE	DELAWARE	41 51	75 13	920	EST		7A		3		ROSE H NEILSON	3
ERIE WB CITY	2677	ERIE	LAKE ERIE	42 07	80 05	655	EST	MID	MID	74	74		U S WEATHER BUREAU	2 3 4 5
ERIE AIRPORT	2682	ERIE	LAKE ERIE	42 05	80 12	732	EST	MID	MID	4	4		CIVIL AERO ADM	3 4
EVERETT	2721	BEDFORD	JUNIATA	40 00	78 23	1020	EST	MID	7A	28	28		PENNA TURNPIKE COMM	2 3 4 5
FARRELL SHARON	2814	MERCER	BEAVER	41 14	80 30	855	EST	5P	8A	36	37		CARNEGIE ILL STL CORP	2 3 5
FORD CITY 4 MI S	2942	ARMSTRONG	ALLEGHENY	40 43	79 30	950	EST	8A	8A	5	5	3	U S E P B G	2 3 4 5 6
FRANKLIN	3028	VENANGO	ALLEGHENY	41 23	79 49	987	EST	7A	7A	74	75		WM K FULLER	2 3 4 5 7
FREDERICKSVILLE 1 MI SE	3047	BERKS	SCHUYLKILL	40 27	75 41	800	EST	SS	8A	6	11		HENRY H ROHRBACK	2 3 5
FREELAND	3056	LUZERNE	SUSQUEHANNA	41 01	75 54	1970	EST	6P	8A	34	34		ANDREW B EVANSHA	2 3 5
GALETON	3130	POTTER	WEST BRANCH	41 44	77 39	1330	EST		6P		18		W GALE LUSH	3
GEIGERTOWN	3189	BERKS	SCHUYLKILL	40 12	75 50	380	EST		8A		3		WALTER C WOLF	3
GEORGE SCHOOL	3200	BUCKS	DELAWARE	40 13	74 56	160	EST	7P	7P	42	42		GEO M HART	2 3 5
GETTYSBURG	3218	ADAMS	POTOMAC	39 50	77 14	500	EST	8A	8A	72	74		HUGH C MC ILHENNY	2 3 5
GETTYSBURG 1 MI S	3223	ADAMS	POTOMAC	39 48	77 14	570	EST		MID		11		NATL MILITARY PARK	3 4
GIFFORD	3237	MC KEAN	ALLEGHENY	41 51	78 36	2220	EST		8A		1		BRADFORD DIS FLD COM	3
GLENCOE	3298	SOMERSET	POTOMAC	39 49	78 51	1620	EST		8A		11		C E SANDERS	3 4
GLEN ROCK	3330	YORK	SUSQUEHANNA	39 48	76 44	620	EST		MID		7		MRS E C MC WILLIAMS	3 4
GLEN WILLARD DASHIELDS DAM	3343	ALLEGHENY	OHIO	40 33	80 14	1025	EST		7A		4		WM H MC CONNELL	3
GOOD SPRINGS 1 MI W	3372	SCHUYLKILL	SUSQUEHANNA	40 38	76 30	1500	EST		MID		11		PA POWER & LIGHT CO	3 4
GORDON	3379	SCHUYLKILL	SUSQUEHANNA	40 45	76 20	900	EST	5P	5P	45	45		MRS S M JOHNSON	2 3 5
GOULDSBORO	3394	WAYNE	LEHIGH	41 15	75 27	1850	EST		7A	17	33		L H ELLENBERGER	3
GRANTVILLE 2 MI SW	3422	DAUPHIN	SUSQUEHANNA	40 22	76 41	520	EST		SS		11		EDW N RHOADS	3
GRATERFORD	3435	MONTGOMERY	SCHUYLKILL	40 14	75 27	160	EST		7A		33		CLAUDE K KULP	3
GREENSBORO LOCK NO 7 LOWER	3503	GREENE	MONONGAHELA	39 47	79 55	808	EST		7A		67		U S E P B G	3 7
GREENSBORO LOCK NO 7 UPPER	3504	GREENE	MONONGAHELA	39 47	79 55	808	EST						HARRY MAPLE	7
GREENSBURG 2 MI S FILTER STA	3510	WESTMORELAND	MONONGAHELA	40 16	79 33	977	EST	6P	6P	41	41		WESTMORELAND WATER CO	2 3 5
GREENSBURG 2 MI E HWY SHED	3515	WESTMORELAND	MONONGAHELA	40 18	79 30	1225	EST		MID		10		PENNA DEPT HIGHWAYS	3 4
GREENSBURG 3 MI SE UNITY RES	3516	WESTMORELAND	MONONGAHELA	40 17	79 30	1245	EST		6P	35	40		WESTMORELAND WATER CO	3
GREENVILLE	3526	MERCER	BEAVER	41 25	80 23	930	EST	6P	6P	50	50		C EARL MILLER	2 3 5
HANOVER	3662	YORK	SUSQUEHANNA	39 48	76 59	600	EST	8A	8A	45	45		HANOVER EVENING SUN	2 3 5
HARRISBURG 3 MI S WB AIRPORT	3699	YORK	SUSQUEHANNA	40 13	76 51	335	EST	MID	MID	60	60		U S WEATHER BUREAU	2 3 4 5 7
HARRISBURG NORTH	3704	DAUPHIN	SUSQUEHANNA	40 16	76 53	350	EST		9A		31		GEO S BEAL	3
HAWLEY	3758	WAYNE	DELAWARE	41 29	75 10	980	EST	8P	8A	30	39		MRS D M PENNELL	2 3 5
HAWLEY 1 MI S WALLEN DAM	3859	WAYNE	DELAWARE	41 28	75 11	1180	EST	8A	8A	13	17	13	PA POWER & LIGHT CO	2 3 4 5 6
HEWITT 2 MI S	3897	BEDFORD	POTOMAC	39 44	78 32	840	EST	SS	SS	4	8		MISS M E ROLAND	2 3 4 5
HOLLIDAYSBURG	4001	BLAIR	JUNIATA	40 26	78 24	1000	EST		MID		11		JOHN M RINGLER	3 4
HOLLISTERVILLE	4008	WAYNE	DELAWARE	41 23	75 26	1360	EST		8A		21		PA POWER & LIGHT CO	3
HOLTWOOD	4019	LANCASTER	SUSQUEHANNA	39 50	76 20	200	EST	MID	8A	29	34		PA WATER & POWER CO	2 3 4 5
HOME	4027	INDIANA	ALLEGHENY	40 45	79 06	1260	EST		MID		11		H J MC ELHOES	3 4
HONESDALE 4 MI NW	4043	WAYNE	DELAWARE	41 37	75 19	1445	EST		9A		3		GEO C WILLIAMS	3
HONESDALE 6 MI N TANNERS FLS	4044	WAYNE	DELAWARE	41 39	75 17	1100	EST		MID		7		LESLIE E WALTER	3 4
HOOVERSVILLE	4058	SOMERSET	CONEMAUGH	40 10	78 53	1660	EST		7A		10		PENNA ELECTRIC CO	3
HOP BOTTOM 2 MI S	4066	SUSQUEHANNA	SUSQUEHANNA	41 43	75 43		EST		7A		4		JOSEPH J SANAUSKAS	3
HUNTINGDON	4159	HUNTINGDON	SUSQUEHANNA	40 29	78 01	620	EST	8A	8A	61	61		HUNTINGDON BROADTOP RR	2 3 5
HUNTSDALE	4166	CUMBERLAND	SUSQUEHANNA	40 06	77 19	620	EST		7A		8		T J DINGLE	3 4
HYNDMAN	4190	BEDFORD	POTOMAC	39 49	78 43	900	EST		7A		36		W J EMERICK	3
INDIANA 2 MI SE	4214	INDIANA	CONEMAUGH	40 36	79 07	1102	EST	6P	6P	46	49		CLYMER WATER CO	2 3 4 5
INDIANA	4219	INDIANA	CONEMAUGH	40 37	79 10	1300	EST	5P	5P	10	10		STATE TEACHERS COLL	2 3 5
IRWIN	4276	WESTMORELAND	MONONGAHELA	40 20	79 42	1090	EST	5P	5P	46	52		WESTMORELAND WATER CO	2 3 5
JACKSON SUMMIT	4304	TIOGA	SUSQUEHANNA	41 57	77 01	1700	EST		MID		12		ARCHIE LAIN	3 4
JAMESTOWN 2 MI NW	4325	MERCER	BEAVER	41 30	80 28	1050	EST	8A	8A	7	9	7	PA DEPT FRST & WTRS	2 3 4 5 6
JOHNSTOWN 1	4385	CAMBRIA	CONEMAUGH	40 20	78 55	1214	EST	9A	9A	55	67		JOHNSTOWN TRIBUNE	2 3 5
JOHNSTOWN 2	4390	CAMBRIA	CONEMAUGH	40 19	78 55	1130	EST		MID		10		CITY OF JOHNSTOWN	3 4
JUNIATA HOUSE	4425	HUNTINGDON	JUNIATA	40 22	77 49	560	EST		8P		3		J EARL MC VEY	3
KANE 1 MI NW	4432	MC KEAN	ALLEGHENY	41 41	78 48	1750	EST	MID	MID	3	33		SPRING WATER CO	2 3 5
KANE 5 MI SE	4437	ELK	ALLEGHENY	41 36	78 46	2010	EST		MID		7		U S FOREST SERVICE	3 4
KARTHAUS	4450	CLEARFIELD	WEST BRANCH	41 07	78 07	860	EST		7A		8		MRS E M SHULTZ	3
KIRKWOOD 1 MI SW	4597	LANCASTER	SUSQUEHANNA	39 51	76 05	430	EST		MID		8		SOIL CONSERV SERVICE	3 4
KREGAR 4 MI SE	4667	WESTMORELAND	YOUGHIOGHENY	40 06	79 14	2470	EST		MID		7		PENNA TURNPIKE COMM	3
KRESGEVILLE 3 MI W	4672	CARBON	LEHIGH	40 54	75 34	825	EST		8A		6		CITY OF BETHLEHEM	3
LAFAYETTE MC KEAN PARK	4706	MC KEAN	ALLEGHENY	41 48	78 40	2130	EST		8A		1		BRADFORD DIS FLD COMM	3
LAKEVILLE 1 MI N	4733	WAYNE	DELAWARE	41 27	75 16	1480	EST		8A		21		MRS REVEL JENKINS	3
LAMPETER SCS 1A	4750	LANCASTER	SUSQUEHANNA	39 59	76 14	405	EST		MID		8		SOIL CONSERV SERVICE	3 4
LANCASTER 2 NE PUMP STATION	4758	LANCASTER	SUSQUEHANNA	40 03	76 17	255	EST	5P	5P	47	61		LANCASTER WATER BUR	2 3 5
LANCASTER 2 NE FILTER PLANT	4763	LANCASTER	SUSQUEHANNA	40 03	76 17	270	EST		MID		11		LANCASTER WATER BUR	3
LANCASTER 3 MI NE EXP FARM	4768	LANCASTER	SUSQUEHANNA	40 04	76 17	360	EST	8A	8A	3	3		DR ORMAN E STREET	3
LANSFORD	4804	CARBON	SCHUYLKILL	40 50	75 53	1030	EST		8A		43		LEHIGH NAVIG COAL CO	3
LANSFORD FOREMANS SHOP	4809	CARBON	SCHUYLKILL	40 50	75 53	1040	EST		7A		15		PANTHER VALLEY WTR CO	3
LATROBE	4832	WESTMORELAND	CONEMAUGH	40 19	79 23	1030	EST		7A		6		WEST PENN POWER CO	3
LAURELTON STATE VILLAGE	4853	UNION	SUSQUEHANNA	40 54	77 13	880	EST		MID		8		PENNA DEPT OF WELFARE	3 4
LAWRENCEVILLE	4873	TIOGA	SUSQUEHANNA	42 00	77 08	996	EST	6P	6P	51	51		CARLOS P DARLING	2 3 5
LEBANON	4891	LEBANON	SUSQUEHANNA	40 20	76 26	469	EST	8A	8A	60	65		LEBANON VALLEY GAS CO	2 3 5
LEBANON 3 MI SW	4896	LEBANON	SUSQUEHANNA	40 19	76 28	490	EST		MID		11		LEBANON COUNTRY CLUB	3 4
LECONTES MILLS 5 NW	4904	CLEARFIELD	WEST BRANCH	41 09	78 20	2320	EST		7A		6		PA DEPT FRST & WTRS	3
LEHIGHTON	4934	CARBON	LEHIGH	40 50	75 43	580	EST		7A		14		GOODWIN DE FREHN	3 4 7
LE ROY	4972	BRADFORD	SUSQUEHANNA	41 40	76 43		EST		6P		12		DIMMIS M BAILEY	3
LEWIS RUN 3 MI S	4984	MC KEAN	ALLEGHENY	41 50	78 39	1700	EST		7A		1		BRADFORD DIS FLD COMM	3
LEWISTOWN	4992	MIFFLIN	JUNIATA	40 35	77 35	480	EST	7A	7A	10	10		AMERICAN VISCOSE CO	3 4
LINESVILLE 6 MI NW PENN LINE	5050	CRAWFORD	BEAVER	41 42	80 31	1015	EST		8A		31		MRS R M CRUMB	3

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION ZONE	TIME OF OBSERVATION TEMP.	TIME OF OBSERVATION PRECIP.	YEARS OF RECORD TEMP.	YEARS OF RECORD PRECIP.	YEARS OF RECORD EVAP.	OBSERVER	REFER TO TABLES
LOCK HAVEN 1	5104	CLINTON	WEST BRANCH	41 08	77 28	680	EST	7A	7A	57	57		SAMUEL C DICKEY JR	2 3 5
LOCK HAVEN 2	5109	CLINTON	WEST BRANCH	41 08	77 27	620	EST		MID		11		HUGH F PARKER	3 4
LONG POND	5160	MONROE	LEHIGH	41 03	75 30	1860	EST		8A		2		THOMAS MECKES	3
LYCIPPUS 1 MI E	5259	WESTMORELAND	YOUGHIOGHENY	40 14	79 24	1380	EST		5P	53	57		WESTMORELAND WATER CO	3
MAPLE GLEN	5368	MONTGOMERY	DELAWARE	40 11	75 11	370	EST		8A		3		L F SCHEIBNER JR	3
MAPLETON DEPOT	5381	HUNTINGDON	JUNIATA	40 24	77 56	580	EST		7A		10		MRS I S BUCHANAN	3
MARCUS HOOK	5390	DELAWARE	DELAWARE	39 48	75 25	12	EST	8A	8A	22	22		SUN OIL CO	2 3 5
MARIENVILLE	5400	FOREST	ALLEGHENY	41 28	79 07	1780	EST		MID		9		U S FOREST SERVICE	3 4
MARION CENTER 2 MI SE	5408	INDIANA	CONEMAUGH	40 45	79 02	1610	EST		7A		6		U S E P B G	3
MARSHBURG	5435	MC KEAN	ALLEGHENY	41 51	78 46	2120	EST		8A		1		BRADFORD DIS FLD COMM	3
MARTINSBURG	5453	BLAIR	JUNIATA	40 18	78 20	1360	EST		MID		11		BLUE MT CANNERIES	3 4
MARTINSBURG BLAIR CO AIRPORT	5454	BLAIR	JUNIATA	40 19	78 19	1460	EST	MID	MID	6	6		CIVIL AERO ADM	2 3 4 5
MATAMORAS	5470	PIKE	DELAWARE	41 22	74 42	455	EST		8A		44		HARRY BISLAND	3
MAUCH CHUNK 1 MI SW	5479	CARBON	LEHIGH	40 51	75 46	800	EST	4P	4P	56	56		HENRY S HAAK	2 3 5
MAYBURG	5490	FOREST	ALLEGHENY	41 36	79 13	1150	EST		7A		3		OPAL LITTLEFIELD	3
MC CONNELLSBURG	5526	FULTON	POTOMAC	39 56	78 00	910	EST		7A		16		RUTH L ROETTGER	3
MC CONNELLSTOWN 4 MI NW	5534	HUNTINGDON	JUNIATA	40 30	78 08	2340	EST		7A		8		PA DEPT FRST & WTRS	3
MC KEESPORT	5573	ALLEGHENY	ALLEGHENY	40 21	79 52	800	EST		7A		20		NATL TUBE CO	3
MEADOW RUN PONDS	5601	LUZERNE		41 13	75 40	2000	EST		MID				JOSEPH L HART	3 4
MEADVILLE 1 MI S	5606	CRAWFORD	ALLEGHENY	41 37	80 10	1065	EST	8A	8A	54	55		CITY OF MEADVILLE	2 3 4 5
MEDIX RUN	5627	ELK	WEST BRANCH	41 17	78 23	1125	EST		MID		7		MRS E M SNYDER	3 4
MERCER 5 MI NE WB AIRPORT	5649	MERCER	BEAVER	41 17	80 12	1296	EST	MID	MID	9	9		U S WEATHER BUREAU	CLOSED
MERCER HIGHWAY SHED	5654	MERCER	BEAVER	41 14	80 15	1240	EST		MID		9		PENNA DEPT HIGHWAYS	3 4
MERCERSBURG	5662	FRANKLIN	POTOMAC	39 50	77 54	605	EST		8A				ROLLIN P GILBERT	3
MERWINSBURG	5676	NORTHAMPTON		40 57	75 27	840	EST		MID				ROBERT G GOULD	3 4
MEYERSDALE	5684	SOMERSET	YOUGHIOGHENY	39 49	79 02	1980	EST		8A		10		LOUIS M WELD	3
MIDDLETOWN OLMSTED FIELD	5703	DAUPHIN	SUSQUEHANNA	40 11	76 46	303	EST	MID	MID	18	18		U S AIR FORCE	2 3 5
MIDLAND DAM NO 7 LOWER	5710	BEAVER	OHIO	40 38	80 28	780	EST	11P	7A	11	12		PERRY P CAMPBELL	2 3 5
MIDLAND DAM NO 7 UPPER	5711	BEAVER	OHIO	40 38	80 28	780	EST						PERRY P CAMPBELL	
MILAN	5731	BRADFORD	SUSQUEHANNA	41 55	76 32	820	EST		MID		11		W S ROBERTS	3 4
MILANVILLE	5738	WAYNE	DELAWARE	41 40	75 04	750	EST		8A		3		CHAS W DAVIS	3
MILLERSBURG 2 MI E	5775	DAUPHIN	SUSQUEHANNA	40 32	76 56	545	EST		MID		11		WM H NOVINGER	3 4
MILLVILLE	5816	COLUMBIA	SUSQUEHANNA	41 08	76 32	820	EST		MID		11		RUSSELL SHEPLEY	3 4
MILROY	5825	MIFFLIN	JUNIATA	40 43	77 35	770	EST		8A		6		DAVID S NACE	3
MONROE FURNACE	5884	HUNTINGDON	JUNIATA	40 42	77 54	1200	EST		MID		7		PENNA STATE COLLEGE	3 4
MONROETON 2 MI S	5889	BRADFORD	SUSQUEHANNA	41 42	76 28	2200	EST		7A		8		PA DEPT FRST & WATERS	3
MONTROSE 3 MI E HIGHWAY SHED	5915	SUSQUEHANNA	SUSQUEHANNA	41 50	75 49	1175	EST	8A	8A	43	43		HARRY S FANCHER	2 3 5
MONTROSE	5920	SUSQUEHANNA	SUSQUEHANNA	41 50	75 52		EST		MID		11		CONSUMERS WATER CO	3 4
MOSGROVE LOCK 8 LOWER	5987	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST		7A		24		U S E P B G	■
MOSGROVE LOCK 8 UPPER	5988	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST						U S E P B G	
MOUNT POCONO 2 MI N WB AP	6055	MONROE	DELAWARE	41 08	75 22	1914	EST	MID	MID	41	43		U S WEATHER BUREAU	2 3 4 5
MOUNT UNION 1 MI NW	6067	MIFFLIN	JUNIATA	40 24	77 53	800	EST		MID		11		MT UNION WATER WORKS	3 4
MURRYSVILLE	6111	WESTMORELAND	MONONGAHELA	40 26	79 42	903	EST		MID		8		WM MC WILLIAMS	3 4
MYERSTOWN	6126	LEBANON	SCHUYLKILL	40 23	76 18	520	EST		8A		8		JOHN W WANDELL	3
NATRONA LOCK NO 4 LOWER	6151	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST		7A		21		U S E P B G	3
NATRONA LOCK NO 4 UPPER	6152	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST						U S E P B G	
NEFFS MILLS 4 MI NE	6174	HUNTINGDON	JUNIATA	40 40	77 55	960	EST	8A	8A	8	8	8	PENNA STATE COLLEGE	2 3 4 5
NESHAMINY FALLS	6194	BUCKS	DELAWARE	40 09	74 57	40	EST		5P	27	33		PHILA SUB WATER CO	3
NEWBURG 3 MI W	6225	FRANKLIN	SUSQUEHANNA	40 09	77 37	745	EST	MID	MID	7	7		PENNA TURNPIKE COMM	2 3 5
NEW CASTLE 1 MI N PUMP STA	6233	LAWRENCE	BEAVER	41 01	80 22	900	EST	11P	11P	65	62		NEW CASTLE WATER CO	2 3 4 5
NEWELL	6246	FAYETTE	MONONGAHELA	40 05	79 53	800	EST	MID	NOON	35	27		GENERAL CHEMICAL CO	2 3 5
NEW PARK	6289	YORK	SUSQUEHANNA	39 44	76 31	780	EST		6P		24		CLINTON J ALLEN	3
NEWPORT	6297	PERRY	JUNIATA	40 29	77 08	400	EST	7A	7A	1	18		MRS FRANCES FRY	3
NEW TRIPOLI	6326	LEHIGH	LEHIGH	40 42	75 46	580	EST		6P		10		FRED C OSWALD	3
NORRISTOWN	6370	MONTGOMERY	SCHUYLKILL	40 07	75 20	48	EST		8A				GEORGE H BOONE	3
ORWELL 3 MI N	6621	BRADFORD	SUSQUEHANNA	41 55	76 16	1620	EST		6P		5		WM I BROWN	3
PALM	6681	MONTGOMERY	SCHUYLKILL	40 26	75 32	380	EST		8A		7		FRED C ESCHBACK	3
PALMERTON	6689	CARBON	LEHIGH	40 48	75 37	435	EST	MID	MID	31	32		NEW JERSEY ZINC CO	2 3 4 5
PARKERS LANDING	6719	ARMSTRONG	ALLEGHENY	41 06	79 40	1100	EST		7A		64		JANNETTE E SCHULTZ	3
PARKERS LANDING 1 MI E	6724	CLARION	ALLEGHENY	41 06	79 41	870	EST		MID		10		PAUL M NEELY	3 4
PARK PLACE 1 NW WB AIRPORT	6734	SCHUYLKILL	SCHUYLKILL	40 51	76 06	1952	EST	MID	MID	5	5		U S WEATHER BUREAU	2 3 4 5
PAUPACK	6762	PIKE	DELAWARE	41 24	75 12	1523	EST		8A		32		MISS L VETTERLINE	■
PECKS POND	6786	PIKE	DELAWARE	41 17	75 05	1380	EST		8A		3		CARRIE NESS	3
PHILADELPHIA DREXEL INST TECH	6879	PHILADELPHIA		39 57	75 11	30	EST	MID	MID				FRANCIS K DAVIS JR	2 3 5
PHILADELPHIA FRANKLIN INST	6884	PHILADELPHIA	DELAWARE	39 58	75 10	100	EST	10A	10A	7	7		FRANKLIN INSTITUTE	
PHILADELPHIA WB AIRPORT	6889	PHILADELPHIA	DELAWARE	39 53	75 14	20	EST	MID	MID	7	7		U S WEATHER BUREAU	2 3 4 5
PHILADELPHIA POINT BREEZE	6899	PHILADELPHIA	DELAWARE	39 55	75 12	85	EST	MID	MID	24	24		ATLANTIC REFINING	2 3 4 5
PHILADELPHIA SHAWMONT	6904	PHILADELPHIA	DELAWARE	40 02	75 15	70	EST	7P	7P	32	53		SCHUYLKILL NAVIG CO	2 3 5
PHILADELPHIA WB CITY	6909	PHILADELPHIA	DELAWARE	39 57	75 09	174	EST	MID	MID	77	77		U S WEATHER BUREAU	2 3 4 5
PHILLIPSBURG 7 MI E AIRPORT	6916	CENTRE	JUNIATA	40 54	78 05	1914	EST	MID	MID	6	■		CIVIL AERO ADM	3 4
PHOENIXVILLE 1 MI E PUMP STA	6927	CHESTER	SCHUYLKILL	40 07	75 30	105	EST	ss	8A	37	39		PHILA SUB WATER CO	2 3 4 5
PIKES CREEK	6939	LUZERNE	SUSQUEHANNA	41 18	76 06	1250	EST		MID		11		ANDREW STELTZ	3 4
PINE GROVE 1 MI NE	6954	SCHUYLKILL	SUSQUEHANNA	40 34	76 22	515	EST		8A		24		PA POWER & LIGHT CO	3
PINE GROVE MILLS 1 MI S	6962	HUNTINGDON	JUNIATA	40 43	77 54	2060	EST		MID		6		PENNA STATE COLLEGE	3
PITTSBURGH 7 MI SE WB AP	6992	ALLEGHENY	MONONGAHELA	40 21	79 56	1273	EST	MID	MID	18	18		U S WEATHER BUREAU	2 3 4 5
PITTSBURGH WB CITY	6997	ALLEGHENY	OHIO	40 26	80 00	914	EST	MID	MID	78	78		U S WEATHER BUREAU	2 3 4 5
PLEASANT MOUNT 1 MI W	7029	WAYNE	DELAWARE	41 44	75 27	1810	EST		7A		27		PENNA GAME COMM	3 4
PORT ALLEGANY	7103	MC KEAN	ALLEGHENY	41 48	78 17	1500	EST		7A		6		RALPH MC CONNELL	3
PORT ALLEGANY 3 MI SW	7108	MC KEAN	ALLEGHENY	41 47	78 19	1580	EST		7A		■		CRYSTAL SPG TROUT HCY	3
PORT CLINTON	7116	SCHUYLKILL	SCHUYLKILL	40 35	76 02	430	EST	8A	8A	10	10		EARL E RARICK	2 3 4 5
PORTLAND	7127	NORTHAMPTON	DELAWARE	40 55	75 06	297	EST		8A		5		JOINT BRIDGE COMM	3
POTTSTOWN	7149	MONTGOMERY	SCHUYLKILL	40 15	75 39	180	EST		8A		57		MILES E SMITH	3
POTTSVILLE	7156	SCHUYLKILL	SCHUYLKILL	40 41	76 12	820	EST		8A		66		POTTSVILLE WATER CO	3
POTTSVILLE PALO ALTO BRIDGE	7161	SCHUYLKILL	SCHUYLKILL	40 41	76 11	640	EST		7A		5		JOHN M SMITH	3
PUNXSUTAWNEY 1	7217	JEFFERSON	ALLEGHENY	40 57	78 59	1220	EST		7A		28		JOHN VOLANSKY	3

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
PUNXSUTAWNEY 2	7222	JEFFERSON	ALLEGHENY	40 56	78 58	1360	EST		MID		8		PENNA ELEC CO	3
PUTNEYVILLE 2 SE DAM	7229	ARMSTRONG	ALLEGHENY	40 55	79 17	1270	EST	8A	8A	5	5		U S E P B G	2 3 4 5
QUAKERTOWN	7239	BUCKS	DELAWARE	40 26	75 20	480	EST	5P	5P	62	64		JOHN E BENNER	2 3 5
RAYMOND	7310	POTTER	ST LAWRENCE	41 52	77 52	2220	EST		MID		10		ARTHUR LENGAN	3 4
READING WB CITY	73 18	BERKS	SCHUYLKILL	40 20	75 56	266	EST	MID	MID	51	79		U S WEATHER BUREAU	2 3 4 5 7
RENOVO	7409	CLINTON	WEST BRANCH	41 19	77 46	645	EST		7A		51		MRS C W BAIRD	3 7
RENOVO 6 MI S STATE CAMP	7410	CLINTON	WEST BRANCH	41 14	77 46	2035	EST		MID		11		PA DEPT FRST & WATERS	3 4
RETREAT FARMS	7417	LUZERNE	SUSQUEHANNA	41 11	76 06	560	EST	6P	6P	16	16		THEO J SAMPSON	2 3 5
REW	7425	MC KEAN	ALLEGHENY	41 54	78 32	2250	EST		8A		1		BRADFORD DIS FLD COMM	3
RICES LANDING LOCK NO 6	7443	GREENE	MONONGAHELA	39 57	80 00	775	EST		7A		14		U S E P B G	3
RIDGWAY	7477	ELK	ALLEGHENY	41 26	78 44	1385	EST	7A	7A	33	42		WEST PENN POWER CO	2 3 4 5
RINGTOWN 1 MI SW	7497	SCHUYLKILL	SUSQUEHANNA	40 51	76 15	1115	EST		ss		58		BORO SHENANDOAH	2 3 5
ROCHESTER 1 MI N	7540	BEAVER	BEAVER	40 43	80 18	935	EST		MID				DUQUESNE LIGHT CO	3 4
RUSH 6 MI S	7694	SUSQUEHANNA	SUSQUEHANNA	41 42	76 03		EST		8A		4		M MAUDE MC CAIN	3
SAFE HARBOR DAM	7732	LANCASTER	SUSQUEHANNA	39 56	76 23	180	EST		NOON		10		PA WATER & POWER CO	3
SAGAMORE 1 MI SE	7739	INDIANA	ALLEGHENY	40 46	79 14	1320	EST		7A		8		U S E P B G	3
SALTSBURG	7796	INDIANA	KISKIMINETAS	40 29	79 27	849	EST		8A		54		WALTER B SULLIVAN	3 7
SAXTON	7846	BEDFORD	WEST BRANCH	40 13	78 15	800	EST		7A		8		HUNTINGDON BROADTOP RR	3 4
SCANDIA	7855	WARREN	ALLEGHENY	41 55	79 02	2040	EST		MID		8		U S E P B G	3 4
SCHENLEY LOCK 5 LOWER	7863	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST		7A		70		U S E P B G	3 7
SCHENLEY LOCK 5 UPPER	7864	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST						U S E P B G	7
SCRANTON WB CITY	7902	LACKAWANNA	SUSQUEHANNA	41 25	75 40	805	EST	MID	MID	48	48		U S WEATHER BUREAU	3 4
SELINSGROVE AIRPORT	7931	SNYDER	SUSQUEHANNA	40 49	76 52	460	EST	5P	5P	58	58		EUGENE H STEESE MGR	2 3 5
SELLERSVILLE 2 MI NW	7938	BUCKS	SCHUYLKILL	40 23	75 20	530	EST		MID		11		SELLERSVILLE WATER CO	3 4
SEWARD	7956	WESTMORELAND	CONEMAUGH	40 25	79 01	1122	EST		7A		10		EDW L STUTZMAN	3 7
SHADE GAP	7965	HUNTINGDON	JUNIATA	40 11	77 52	940	EST		MID		10		MRS HELEN L PYLE	3 4
SHAMOKIN	7978	NORTHUMBERLAND	SUSQUEHANNA	40 47	76 34	750	EST		8A		44		ROARING CREEK WTR CO	3
SHARPSVILLE	8000	MERCER	BEAVER	41 16	80 29	951	EST		7A		10		MRS M J KELLEY	3
SHEFFIELD 6 MI W CHERRY GROVE	8026	WARREN	ALLEGHENY	41 42	79 09	1940	EST		MID		11		L N HANSON	3 4
SHIPPENSBURG	8073	CUMBERLAND	SUSQUEHANNA	40 03	77 32	709	EST	4P	4P	16	20		STATE TEACHERS COLL	2 3 5
SMETHPORT HIGHWAY SHED	8190	MC KEAN	ALLEGHENY	41 48	78 27	1510	EST		MID		11		PENNA DEPT OF HWYS	3 4
SOMERSET WATER WORKS	8249	SOMERSET	YOUGHIOGHENY	40 01	79 05	2100	EST	6P	6P	79	65		D L GROVE	2 3 5
SOMERSET 2 MI E SUBSTATION	8254	SOMERSET	YOUGHIOGHENY	40 01	79 03	2280	EST		7A		13		PENNA ELECTRIC CO	3
SOUTH CANAAN 1 MI E	8275	WAYNE		41 31	75 24	1380	EST		MID				EUGENE M COOK	3 4
SOUTH MOUNTAIN	8308	FRANKLIN	POTOMAC	39 51	77 30	1600	EST		7A		9		PENNA DEPT OF HEALTH	3
SPRING GROVE	8379	YORK	SUSQUEHANNA	39 52	76 52	470	EST		4P		8		P H GLATFELTER CO	3 4
SPRINGS 1 MI SW	8395	SOMERSET	YOUGHIOGHENY	39 44	79 10	2500	EST	8P	8P	29	29		ALLEN E YODER	2 3 5
SPRUCE CREEK	8405	HUNTINGDON	JUNIATA	40 36	78 08	760	EST		7A		2		MRS C E SEIBER	3
STATE COLLEGE	8449	CENTRE	WEST BRANCH	40 48	77 52	1175	EST	MID	MID	61	64		PENNA STATE COLLEGE	2 3 4 5
STRAUSSTOWN	8570	BERKS	SCHUYLKILL	40 30	76 11	600	EST		8A		8		ROBT B HIESTER	8
STRONGSTOWN	8589	INDIANA	CONEMAUGH	40 33	78 55	1880	EST		MID		8		HARRY F BENNETT	3 4
STROUDSBURG 2 MI E SUBSTATION	8596	MONROE	DELAWARE	41 00	75 09	327	EST	9A	9A	31	31		METROPOLTN EDISON CO	3
STROUDSBURG	8601	MONROE	DELAWARE	40 59	75 11	390	EST		MID		10		SEWAGE TREATMENT WKS	3 4
STUMP CREEK	8610	JEFFERSON	ALLEGHENY	41 01	78 50	1320	EST		7A		8		U S E P B G	3
SUNBURY	8668	NORTHUMBERLAND	SUSQUEHANNA	40 51	76 48	440	EST		7A		26		CHAS W BAYLER	3 4 7
SUNBURY AIRPORT 2 MI N	8673	NORTHUMBERLAND	SUSQUEHANNA	40 54	76 47	454	EST	MID	MID	3	3		CIVIL AERO ADM	2 3 5
SUSQUEHANNA	8692	SUSQUEHANNA	SUSQUEHANNA	41 57	75 36	1000	EST		7A		14		LAURA BENSON	3
SUTERSVILLE	8699	WESTMORELAND	YOUGHIOGHENY	40 14	79 48	770	EST		7A		8		J H CRUMRINE	3 7
TAMAQUA	8758	SCHUYLKILL	SCHUYLKILL	40 48	75 58	800	EST		7A		7		MARY L ROBERTS	3
TAMAQUA 4 MI N STILL CRK DAM	8763	SCHUYLKILL	SCHUYLKILL	40 51	76 00	1120	EST		7A		16		PANTHER VALLEY WTR CO	3 4
TAMARACK 2 MI S FIRE TOWER	8770	CLINTON	WEST BRANCH	41 24	77 51	2200	EST		7A	6	8		JAMES E SCHWARTZ	2 3 5
TIONESTA 2 MI SE DAM	8873	FOREST	ALLEGHENY	41 29	79 26	1200	EST	8A	8A	5	12		U S E P B G	2 3 5
TITUSVILLE 2 MI S	8880	VENANGO	ALLEGHENY	41 36	79 40	1550	EST	5P	5P	5	5		U S WEATHER BUREAU	2 3 5
TITUSVILLE	8885	CRAWFORD	ALLEGHENY	41 38	79 40	1200	EST		MID		10		PENNA ELECTRIC CO	3 4
TOWANDA	8905	BRADFORD	SUSQUEHANNA	41 46	76 26	755	EST	7P	7P	54	54		MRS M O PARKS	2 3 4 5
TOWER CITY 5 SW	8910	DAUPHIN	SUSQUEHANNA	40 32	76 37	725	EST		ss		3		HARRISBURG WATER DEPT	3
TUNKHANNOCK 1 MI S AIRPORT	8982	WYOMING	SUSQUEHANNA	41 32	75 57	639	EST	9A	9A	3	7		J D CHAMBERS MGR	2 3 4 5
TUNNELTON	8989	INDIANA	CONEMAUGH	40 27	79 23	900	EST		MID		8		W D WEIMER	3 4
TYRONE 4 MI NE BALD EAGLE	9024	BLAIR	JUNIATA	40 43	78 11	1080	EST		MID		11		FRED L FRIDAY	3 4
UNION CITY 1 MI W	9041	ERIE	ALLEGHENY	41 54	79 52	1280	EST		MID		11		PENNA ELECTRIC CO	3 4
UNIONTOWN	9050	FAYETTE	MONONGAHELA	39 54	79 44	1040	EST	6P	6P	59	60		WM W MARSTELLAR	2 3 5
VANDERGRIFT	9128	WESTMORELAND	KISKIMINETAS	40 36	79 33	800	EST		7A		9		UNITED ENG & FNDRY CO	3 7
VANDERGRIFT 2 MI W	9133	WESTMORELAND	KISKIMINETAS	40 36	79 36	995	EST		MID		10		EUGENE R YOUNG	3 4
VIRGINVILLE	9196	BERKS	SCHUYLKILL	40 31	75 52	230	EST		8A		3		IRENE M WERLEY	3
WARREN	9298	WARREN	ALLEGHENY	41 50	79 09	1190	EST	7P	7A	52	60		MERRELL L JORDAN	2 3 5 7
WASHINGTON	9312	WASHINGTON	OHIO	40 11	80 14	1200	EST		MID		10		PENNA DEPT OF HWYS	3 4
WATROUS 9 MI S LEE FIRE TOWER	9340	TIOGA	WEST BRANCH	41 37	77 33	2425	EST		7A		5		PA DEPT FRST & WTRS	3
WATSONTOWN	9345	NORTHUMBERLAND		41 05	76 52	490	EST		6P				WILLIAM H BIRD	8
WAYNESBURG 2 MI W	9362	GREENE	MONONGAHELA	39 54	80 13	980	EST	6P	7A	19	21		MFRS LIGHT & HEAT CO	3 4
WAYNESBURG 1 MI E	9367	GREENE	MONONGAHELA	39 54	80 10	940	EST		MID		10		RALPH M AMOS	2 3 5
WEBSTER MILLS 3 MI SW	9380	FULTON	POTOMAC	39 50	78 05	920	EST		MID		7		WM D COVER	3 4
WELLSBORO	9407	TIOGA	WEST BRANCH	41 45	77 17	1319	EST	7A	7A	69	78		M S BLISS	2 3 5
WELLSBORO 2 MI E	9412	TIOGA	WEST BRANCH	41 45	77 15	1610	EST		MID		12		IDA S MAYNARD	3 4
WELLSVILLE	9420	YORK	SUSQUEHANNA	40 03	76 57	500	EST	5P	5P	2	2		D D HOOVER	2 3 5
WERNERSVILLE	9430	BERKS	SCHUYLKILL	40 20	76 05	400	EST		7P		11		J H THOMPSON	3
WEST CHESTER	9464	CHESTER	DELAWARE	39 57	75 36	400	EST	7P	7P	93	98		CLYDE T SAYLOR	2 3 5
WEST GROVE 1 MI SE	9503	CHESTER	DELAWARE	39 48	75 49	452	EST		8A		19		CONRAD-PYLE CO	3
WHITESBURG	9655	ARMSTRONG	ALLEGHENY	40 45	79 24	1530	EST		7A		8		U S E P B G	8
WILKES-BARRE	9702	LUZERNE	SUSQUEHANNA	41 15	75 52	700	EST		7A		63		MRS MARY G MIRMAK	8 7
WILLIAMSPORT 4 SE	9723	LYCOMING	WEST BRANCH	41 13	76 57	1990	EST		7A		8		PA DEPT FRST & WATERS	3
WILLIAMSPORT 4 E WB AIRPORT	9728	LYCOMING	WEST BRANCH	41 14	76 56	580	EST	MID	MID	8	8		U S WEATHER BUREAU	2 3 4 5
WILLIAMSPORT	9733	LYCOMING	WEST BRANCH	41 15	77 01	540	EST		7A	55	62		ROBERT KEYSER	3 4 7
WILLIAMSTOWN	9741	DAUPHIN	SUSQUEHANNA	40 35	76 38	775	EST	5P	7A	33	14		GORDON E LOWER	2 3 5 5
WIND GAP 3 MI SW	9781	NORTHUMBERLAND	DELAWARE	40 49	75 20	730	EST		MID		3		GEO R HARTZ	3 4
YORK 3 MI SW PUMP STATION	9933	YORK	SUSQUEHANNA	39 55	76 45	390	EST	5P	5P	50	61		CLAYTON L BOTT	2 3 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
YORK 2 MI S FILTER PLANT	9938	YORK	SUSQUEHANNA	39 56	76 44	640	EST		MID		11		YORK WATER CO	3 4
YORK HAVEN	9950	YORK	SUSQUEHANNA	40 06	76 43	300	EST		8A		28		METROPOLTN EDISON CO	3
YOUNGSVILLE	9966	WARREN	ALLEGHENY	41 51	79 19	1205	EST		MID		8		HIRAM C LYONS	3 4
ZIONSVILLE 1 MI SW	9994	LEHIGH	SCHUYLKILL	40 28	75 31	820	EST		6P		17		HORACE MILLER	3

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24-hours ending at time of observation. See the Station Index for observation time.

- \- No record.
- , And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with windshield.
- 6 No recording gage, precipitation is measured at 6-hourly intervals.
- a, b, c, through i Number of days missing. a indicates one day missing, b indicates two days missing, etc.
- ss This entry in time of observation column in Station Index means sunset.
- r Station equipped with recording gage only. All amounts in Table 3 are from the non-recording gages, except for stations with this reference.
- x Daily precipitation totals in Table 3 are for the 24-hours ending at 1:30 A.M., E.S.T., of the following day.
- z Hourly amounts from recording gage at the same site may be found in Table 4.
- T Trace, an amount too small to measure.

Data in Table 4 were formerly published in the Hydrologic Bulletins for North Atlantic District and Ohio River District. Amounts in this table are from recording gages. Traces are not shown.

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W. B. O., Washington, D. C. - - 1-27-49--- 1275

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

PENNSYLVANIA

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NOVEMBER 1948

Volume LIII No. 11



ALBANY: 1949

PENNSYLVANIA - NOVEMBER 1948

L. F. Conover, Section Director - Harrisburg

GENERAL SUMMARY

November provided a warm wet introduction to approaching winter. The month averaged nearly 5 degrees above normal and tied with 1896 for the fifth warmest of record. Precipitation averaged 1.64 inches above normal, making it the tenth wettest of record. A snowstorm on the 28th and 29th deposited up to 9 inches of snow in the mountains and proved that winter was approaching.

Temperatures rose to the seventies on one or more days during the month, except for a dozen or so stations in the mountain sections of the state. A heat wave on the 5th and 6th sent temperatures into the mid-eighties in the extreme southwestern counties. The entire state reported above normal temperatures for November, although Everett barely made it with a +0.2 departure. Temperatures averaged 7 degrees or more above normal from Luzerne to Susquehanna Counties and near Lake Erie. Five stations, Erie, Pittsburgh, Philadelphia, Marcus Hook and Holtwood reported no temperatures below freezing. This is the first month since April in which temperatures for the state averaged above normal and only the third month this year. Above normal temperatures for 5 consecutive weeks are reflected in below normal coal consumption which has resulted in reduced production at some mines.

Pittsburgh recorded a new record maximum temperature for the month when the Airport station reported 80 degrees on the 5th. The maximum of 77 degrees at Harrisburg on the 6th equalled the November record maximum. Philadelphia registered a new record maximum of 78 degrees on the 6th. This was the second warmest November of record at Philadelphia, and Pittsburgh reports that it is the warmest of record at the Airport station there.

This is the first month since June which has recorded an excess of precipitation for the state and only the fourth so far this year. Corry and Warren marred the record of having every station show above normal precipitation totals. Nearly the whole Appalachian and Pocono Mountain areas averaged over 2.00 inches above normal, while Gordon and Gettysburg reported excesses of 3.95 and 4.02 inches respectively. Rains up to 4 times normal during the first week replenished ground water supplies with some moderate rises shown on rivers. A touch of winter with falling temperatures and general snow on the night of the 28th left 3 to 9 inches of snow in central counties, and 1 to 6 inches in the northeastern counties by the night of the 29th when snow ended. Very little snow was recorded in the counties southeast of the mountains and in the western tier of counties. The heaviest snowfall for the month occurred in the area from Juniata to Cambria and Clearfield Counties.

The main features of the weather maps during the month were the repeated development of high pressure off the Atlantic coast and the fact that many storm centers moved north-northeastward to the west of Pennsylvania. Both of these situations made it very favorable for southerly winds to maintain warm temperatures in Pennsylvania and to bring much moisture laden air against the Appalachians.

TEMPERATURE

The average temperature for the State as deduced from the reports of 75 stations was 46.0, which is 4.6° above the 61-year normal for November. The highest monthly mean was 54.3° at Philadelphia Franklin Institute and the lowest was 38.9° at Newburg, 3 W. Extremes ranged from a maximum of 85° at Uniontown on the 5th to a minimum of 13° at Everett on the 30th.

PRECIPITATION

The average precipitation for the State, as deduced from the observations at 306 stations, was 4.56 inches, which is 1.64 inches above the 61-year normal for November. The greatest monthly amount was 7.67 inches at Meadow Run Ponds, while the least was 2.42 inches at Beaver Falls. The greatest amount recorded in any 24 consecutive hours was 2.54 inches at Williamsport, 4 SE on the 20th.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin serie contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. Th Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m p h				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E S T	7:30 a E S T	1:30 p. E S T	7:30 a E S T	Percent of possible	
ALLENTOWN-BETHLEHEM EASTON AP	30.49	8	29.61	20					84	89	60	74		530
ERIE WB CITY	30.42	8	29.38	20	10.3	29	SW	17	75	78	65	71	21	487
HARRISBURG WB AIRPORT	30.46	8	29.58	20	6.9	30	W	13	80	84	59	70	47	504
PHILADELPHIA WB CITY	30.47‡	8	29.62‡	20	7.5	24	NE	29	84‡	90‡	61‡	74‡	56	376
PITTSBURGH WB AIRPORT	30.42	8	29.44	20	10.6	33	SW	13	73	77	58	66	42	511
READING WB CITY	30.47	8	29.60	20	11.2	40	[illegible]	6		81			41	439
SCRANTON WB CITY	30.49	8	29.54	20	6.1	21	NW	13		82	62		35	520

‡ Airport Data

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1888	42.2	79	4	3.37	2.1	11
1889	41.8	73	10	6.72	0.7	15
1890	41.8	78	10	1.49	0.5	8
1891	39.7	76	6	2.65	1.2	9
1892	39.0	80	10	4.34	8.6	12
1893	39.2	68	- 4	2.93	2.4	8
1894	38.2	74	6	2.50	5.3	9
1895	42.9	78	6	2.48	0.5	10
1896	46.0	83	12	3.55	1.1	10
1897	41.6	76	2	5.28	2.6	14
1898	40.0	73	8	4.03	6.9	11
1899	41.5	72	7	2.66	1.2	7
1900	43.5	79	7	4.10	3.1	12
1901	36.0	76	9	2.56	3.1	8
1902	47.3	78	0	1.53	1.5	8
1903	36.9	78	2	2.18	1.4	7
1904	38.8	79	- 4	1.14	3.5	6
1905	39.1	68	5	2.47	0.9	9
1906	41.5	80	9	1.48	4.0	8
1907	39.8	70	4	3.60	2.9	10

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1908	41.2	75	- 2	0.90	5.0	5
1909	46.4	80	15	1.40	1.9	7
1910	36.8	68	9	2.45	8.5	11
1911	37.8	77	7	2.84	3.7	10
1912	43.0	81	7	2.17	1.9	7
1913	43.9	79	10	3.05	4.5	11
1914	40.6	81	- 2	1.76	1.5	6
1915	42.1	79	13	2.18	1.3	10
1916	41.3	79	4	2.27	1.6	9
1917	37.6	69	- 5	0.63	1.4	5
1918	42.1	76	11	2.03	T	7
1919	41.2	76	11	5.35	2.3	12
1920	40.3	75	5	3.54	4.5	11
1921	42.3	80	3	5.75	1.4	16
1922	42.9	73	12	1.21	1.8	8
1923	40.7	70	10	2.83	0.3	10
1924	40.7	78	- 9	1.54	2.9	7
1925	39.5	71	4	3.56	2.2	10
1926	40.4	79	- 1	4.49	0.9	10
1927	46.2	85	10	4.95	1.8	14

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1928	43.4	81	4	2.32	2.3	12
1929	41.1	81	-10	3.39	1.9	12
1930	42.0	75	-15	1.48	2.3	9
1931	49.2	80	12	1.52	2.9	9
1932	39.4	75	- 2	4.75	0.3	10
1933	38.1	83	-11	1.55	7.0	11
1934	44.9	80	6	3.61	1.8	12
1935	44.4	85	5	3.84	2.5	12
1936	38.6	78	8	2.40	3.4	8
1937	40.7	79	- 3	2.56	2.0	11
1938	42.7	87	-13	3.10	10.9	10
1939	39.7	76	11	0.97	1.6	5
1940	41.3	78	9	4.04	5.8	13
1941	44.1	83	9	2.48	0.2	7
1942	41.8	82	0	3.35	1.8	14
1943	38.7	79	7	2.87	2.2	9
1944	41.6	78	7	2.81	3.2	12
1945	42.0	85	5	5.25	2.4	16
1946	44.7	83	11	1.26	T	9
1947	38.3	71	0	4.22	3.5	13
1948	46.0	85	13	4.56	2.5	15
Period	41.4	87	-15	2.92	2.7	10

CLIMATOLOGICAL DATA

Table 2

Station	Temperature						No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
ATLANTIC DRAINAGE																		
ALLENTOWN-BETHLEHEM EASTON AP	47.3	5.3	78	6	26	26+		9	4.41	1.56	.70	6	T			17	9	
ALLENTOWN GAS CO	48.5	5.9	78	7	27	30		6	4.75	1.84	1.25	7	1.0	1.0	29	13	6	2
ALTOONA HORSESHOE CURVE	44.7	4.2	67	5+	27	26		10	4.71	2.30	.93	6	7.5	6.0	29	14		
ARENDTSVILLE	47.0	4.2	78	6	26	26		10	5.73	2.65	1.51	20	1.0	T	29	14	6	2
AVOCA WILKES-BARRE SCRANTON AP	46.3		74	[illegible]	29	26+		4	5.33		2.07	[illegible]	1.0			12	6	2
BEAVERTOWN	45.8		69	10	24	26		13	5.89				0.3	T	29	16		
BELLEFONTE ROCKVIEW FARM	44.9 m		72	7	25	26		15	5.09	2.81	1.70	7	4.1	4.0	29	10	5	3
BERWICK	48.4		77	6	27	26+		10	4.43		2.05	7				12	6	1
BURNT CABINS 2 NE	43.0		70	6	22	16+		18	5.81		1.85	19	1.0	1.0	29	14	7	2
CANTON 1 NW	43.6		68	7	27	14+		15	5.46		1.80	7	2.6	3.0	29	12	6	2
CARLISLE	46.5	4.9	78	6	23	26+		16	5.92	2.82	0.96	7	3.0	2.0	29	17	8	
CHAMBERSBURG	46.1	3.6	76	[illegible]	26	26+		9	4.50	1.71	1.28	19	1.5	1.0	28	14	7	1
COALPORT	42.2		70	6	21	26		22	4.62		1.00	7	6.0			13		1
COATESVILLE 1 SW	47.6	4.6	78	7	25	26		12	4.41	1.17	1.01	29				13	6	1
COLUMBIA	49.1		76	6	26	30		[illegible]	4.08		0.92	29				16	6	
CURWENSVILLE 6 NW AIRPORT	40.7		65	[illegible]	22	25		19	4.32		0.91	19	5.3	3.0	28+	18	6	
EAGLES MERE	42.5		65	6	25	14+		14	6.36	2.08	2.12	20	3.5	4.0	[illegible]	11	9	2
EAST WATERFORD 3 E	44.2		65	[illegible]	27	30		[illegible]	5.57	2.25	1.58	20	8.9	7.0	29+	13	5	2
EMPORIUM	43.5	4.2	71	[illegible]	22	26		19	4.43	1.49	1.07	20				14	9	1
EPHRATA	49.0	5.5	77	[illegible]	29	26+		3	4.72	2.08	1.26	7				14	7	1
EVERETT	40.9 m	0.2	68	5	13	30		20	4.83	2.72	1.49	7				13	4	1
FREDERICKSVILLE 1 S	48.4		75	6	26	26		9	4.65		1.10	7	1.4	1.0	[illegible]	13	6	1
FREELAND	44.7	7.2	67	1+	27	30		9	7.09	3.32	2.10	7	6.9	6.0	[illegible]	14	5	1
GEORGE SCHOOL	48.3	4.3	79	[illegible]	23	30		12	4.06	1.00	1.41	29				12	5	1
GETTYSBURG	48.2	5.6	76	7	27	26+		7	6.86	4.02	2.03	7	0.5	T	28	19	8	2
GORDON	45.2	5.1	72	7	23	27		17	7.35	3.95	2.40	7				18	8	2
HANOVER	49.0	4.0	78	[illegible]	27	30		7	4.62	2.13	1.02	29	0.3			17	6	1
HARRISBURG 3 S WB AIRPORT	48.2	5.4	77	6	30	26+		[illegible]	4.57	2.31	1.10	[illegible]	2.2	T	[illegible]	15	7	1
HAWLEY	44.0	4.7	75	[illegible]	21	19+		19	3.81	0.82	1.42	7	1.8	1.0	29	11	5	2
HEWITT 2 S	44.1m		75	[illegible]	21	17		22	4.76		1.80	6				10	5	1
HOLTWOOD	49.8	4.5	74	[illegible]	34	26+			4.08	1.62	1.23	7	T			13	5	1
HUNTINGDON	45.3	3.6	73	7	21	16		19	5.82	3.36	1.75	7	1.5	2.0	29	13	5	2
LANCASTER 2 NE PUMP STATION	48.4	6.2	76	[illegible]	24	30		10	4.72	2.07	1.31	7				18	6	1
LANCASTER 3 NE EXP STATION	47.9		72	7	27	16		7	4.67		1.12	7	T			17	6	1
LAWRENCEVILLE	45.8	6.6	71	6	23	26		12	3.76	1.46	1.32	6	T			11	5	1
LEBANON	47.9	5.2	77	10	27	30		7	4.57	1.62	1.35	7				14	6	1
LEWISTOWN	47.2		76	7	26	26+		11	4.89		1.44	20	T	T	29	11	6	2
LOCK HAVEN 1	45.4		75	7	25	26		16	4.69		1.80	7				11	2	2
MARCUS HOOK	53.8	5.7	79	7	34	30			4.45	1.30	1.28	29				15	6	1
MARTINSBURG BLAIR CO AIRPORT	44.4		68	[illegible]	23	30		10	4.45		1.06	[illegible]	3.8	1.0	28	15	6	2
MAUCH CHUNK 1 SW	45.2	4.1	70	6+				14	6.26	2.58						15		
MIDDLETOWN OLMSTED FIELD	47.7	4.3	76	[illegible]	28	18+		6	6.13	3.34	1.86	6	2.0			17	7	1
MONTROSE 3 E HIGHWAY SHED	43.4m	7.9	68	7	22	30		16	5.09	2.32	1.67	7	2.5	2.0	29+	14	7	1
NEFFS MILLS 4 NE	44.2		71	6+	19	26		19	5.70		1.65	7	3.0			12		2
NEWBURG 3 W	38.9		64	6	18	26		19	4.79		1.38	19	1.5	2.0	28	13	7	1
NEWPORT	44.6		77	7	20	26		19	5.76	2.56	1.97	20				12	6	1
PALMERTON	47.2	5.5	76	[illegible]	25	26		10	4.26	1.20	0.90	19	0.3	T	29	14	6	
PARK PLACE 1 NW WB AIRPORT	43.7		67	[illegible]	26	14+		10	5.70		1.71	7	3.1	3.0	29	16	6	1
PHILADELPHIA DREXEL INST TECH	52.6		78	6	34	30			4.88		1.02	7				16	7	1
PHILADELPHIA FRANKLIN INST	54.3m		80	6	32	30		1	4.38							15		
PHILADELPHIA WB AIRPORT	50.9		79	[illegible]	30	26		2	4.79	2.09	0.92	7				16	7	
PHILADELPHIA POINT BREEZE	52.3		82	[illegible]	32	30		1	4.66		0.97	7				14	6	
PHILADELPHIA SHAWMONT	50.2	5.1	79	6	29	26		3	4.31	1.25	1.20	29				13	5	1
PHILADELPHIA WB CITY	52.6	6.9	78	6	35	30			4.42	1.72	0.83	29				16	7	
PHILLIPSBURG 7 E AP	40.1		66	5+	19	16		21	4.54		1.20	[illegible]	4.8	3.0	29	17	6	1
PHOENIXVILLE 1 E PUMP STATION	49.7m	5.8			24	29												
PORT CLINTON	46.4	4.6	74	7	24	26		16	5.87	3.06	1.15	7	0.5	T	[illegible]	16	6	2
QUAKERTOWN	48.0	6.6	77	[illegible]	21	16		10	3.95	0.70	1.01	7				14	6	1
READING WB CITY	50.4	6.5	77	[illegible]	32	30		2	4.27	1.54	0.70	6	T			14	7	
RETREAT FARMS	46.0		76	6+	24	26+		13	5.44		1.83	7				14	7	2
SCRANTON WB CITY	47.7	7.2	75	6	29	26		4	4.59	1.82	1.81	[illegible]	T			11	4	2
SELINSGROVE AIRPORT	46.1	4.3	76	[illegible]	22	25		17	5.68	2.84	1.21	7				15	6	2
SHIPPENSBURG	48.0	4.9	77	6	26	26		7	4.68	1.58	0.84	29	3.5	2.0	29	15	7	
STATE COLLEGE	45.4	5.3	70	5+	29	24+		8	5.28	2.78	1.83	[illegible]	4.5	3.0	29	16	8	1
STROUDSBURG SUBSTATION	47.4	6.3	78	7	22	30		[illegible]	6.42	2.68	2.01	20		1.0	29	13	6	2
SUNBURY 2 N AIRPORT	46.4		75	6	29	26+		[illegible]	5.55		1.26	[illegible]	1.0			17	7	2
TAMARACK 2 S FIRE TOWER	41.2		65	[illegible]	25	14+		15	4.61		1.26	7	4.2	4.0	29	14	7	1
TOWANDA	45.7	5.8	73	[illegible]	24	18+		12	3.90	1.65	1.18	20	0.5			14	5	1
TUNKHANNOCK 1 S	45.4 m		74	7	21	19		16	5.06		1.72	7	0.9	1.0	28			2
WELLSBORO	42.7	5.1	70	1	21	26		21	4.18	1.58	1.63	7	2.5	2.0	29	11	4	2
WELLSVILLE	47.1m		75	6	24	26+		15	5.32		1.80	7	1.0			16	7	1
WEST CHESTER	49.7	6.4	77	6	29	30		2	4.58	1.04	0.95	7				15	7	
WILLIAMSPORT 4 E WB AIRPORT	45.5m		73	6	26	26		14	6.49		1.89	6	1.1					2
WILLIAMSTOWN	46.8m	4.6	73	10	26	26+		13	6.76	2.90	1.83	7				12	9	2
YORK 3 SW PUMPING STATION	49.7	6.3	80	[illegible]	26	30		8	5.31	2.70	1.39	7				19	6	2
DIVISION	46.5	4.5							5.04	2.19								
OHIO DRAINAGE																		
BAKERSTOWN 4 WNW	43.3		79	6	23	25+		21	3.90		0.60	19+	T			13	8	
BLAIRSVILLE 6 ENE	44.5		75	5	27	25		12	3.69	0.66	0.53	1	5.1	5.0	29	16	7	
BRADFORD 4 W RESERVOIR NO 1	42.7	3.9	71	5	22	26		14	4.03	0.53	0.70	20	2.5	1.0	29	18	[illegible]	
BROOKVILLE AIRPORT	43.3	5.6	73	5	23	18		19	3.55	0.49	0.65	6	4.0	1.0	28+	16	[illegible]	
BURGETTSTOWN 3 W	44.1		83	6	19	25		21	3.22		0.65	29	5.0			15		
BUTLER	46.8	5.6	77	[illegible]	24	16+		13	3.53	0.69	0.58	27	2.0	T	29	16	5	
CLARION 3 SW	43.2		74	5	22	18+		16	3.92	1.02	0.74	7	2.5	2.0	29	16		
CLAYSVILLE	46.4	4.3	83	5	21	25		13	3.37	0.89	0.52	29	1.0			12	8	
CONFLUENCE 1 SW	44.4		75	6	24	26		17	3.74		0.93	29	0.5	T	29	15	5	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2—Continued

Station	Temperature								Precipitation									
							No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
CORRY	44.7	6.0	75	5	27	18		8	3.89	- 0.05	0.81	27	1.0			15	6	
COUDERSPORT	41.9	5.1	70	1	21	18		17			1.28	6	1.0					
DERRY	48.1	5.8	81	5	27	16+		10	3.88	1.06	0.76	29	1.5	T	29	13	8	
DONEGAL	41.3		78	5	20	25		22	3.61		0.52	22	2.0	2.0	29	16	8	
DONORA	51.3	6.1	84	6	31	25		[illegible]	3.08	0.65	0.67	28				14	5	
EBENSBURG	42.7	4.1	68	6	26	11+		14	4.65	1.60	0.78	20	7.4	7.0	29	17	7	
FARRELL SHARON	45.0	3.4	66	5	27	8+		[illegible]	3.40	1.02	0.77	27				11	6	
FORD CITY 4 S	43.3		78	6	22	16+		21	3.61		0.73	29	1.0	1.0	29	16	5	
FRANKLIN	44.9	5.3	76	6	25	23		15	4.14	1.03	0.90	27	T	T	29	17	6	
GREENSBURG 2 S FILTR STATION	45.8	3.0	83	5	21	26		16	3.32	0.73	0.59	29				12	7	
GREENVILLE	45.7	5.6	77	5	22	25		10	4.03	1.06	0.72	27				17	7	
INDIANA 2 SE	45.1		76	5	22	28		14	3.86		0.78	29	2.7	T	29	12	7	
INDIANA	47.0	5.7	74	5	27	25		7	4.57	1.64	1.04	29	2.5	2.0	29	16	9	1
IRWIN	46.8	4.6	77	5+	26	24		11	3.46	1.00	0.65	29	1.0			15	5	
JAMESTOWN 2 NW	43.8		77	[illegible]	23	25		15	3.29	0.71	0.68	27				16	5	
JOHNSTOWN 1	47.0	5.0	75	6	27	26		8	3.79	0.82	0.68	29	2.0	1.0	29	15	6	
KANE 1 NW	40.8		70	[illegible]	21	18		20	4.13	0.66	0.94	19	2.4	2.0	28	16	[illegible]	
MEADVILLE 1 S	44.2	5.2	76	6	23	25		14	3.85	0.45	1.03	20	0.3			16	6	1
MERCER HIGHWAY SHED	45.3		76	5	24	26		14	3.46		0.71	26				15	6	
MIDLAND DAM NO 7 LOWER	47.0	4.8	78	5	28	25		8	3.17	0.68	0.68	29	T	T	29	15	5	
NEW CASTLE 1 N PUMP STATION	46.2	5.7	80	[illegible]	26	18+		14	3.15	0.69	0.42	[illegible]				15	6	
NEWELL	48.6	4.8	84	6	[illegible]	25+		[illegible]								15		
PITTSBURGH 7 SE WB AIRPORT	48.0		80	5	31	14+		7	2.60		0.38	6	0.8	T	28	14	4	
PITTSBURGH WB CITY	49.5	6.3	81	5	33	25			3.43	1.14	0.58	28				13	7	
PUTNEYVILLE 2 SE	41.2m		74	5	19	28		21	3.51		0.70	20		4.0	29	15	6	
RIDGWAY	42.4	4.4	67	1+	22	18+		20	3.82	0.89	0.83	20	2.0	2.0	29	15	6	
SOMERSET WATER WORKS	43.0	4.3	75	5	20	18+		15	4.51	1.28	0.54	29	3.1	2.0	29	16	8	
SPRINGS 1 SW	42.1	3.6	71	5	24	18+		18	4.81	1.76	0.78	30	3.0	3.0	29	20	7	
TIONESTA 2 SE DAM	43.9		75	6	23	18		2	3.58	0.55	0.58	20	1.5	1.0	29	17	5	
TITUSVILLE 2 S	44.0		75	5	24	8+		11	4.08		0.88	27	1.7	T	10+	17	6	
UNIONTOWN	48.5	4.6	85	5	28	25		9	4.30	1.24	0.79	10	T			15	8	
WARREN	45.3	6.0	75	5	24	18+		12	3.19	-0.28	0.83	20				16	3	
WAYNESBURG 1 E	45.6		84	5	20	25+		16	3.05		0.77	29				15	4	
DIVISION	45.0	4.1							3.70	0.87								
LAKE DRAINAGE																		
ALBION	43.6m		73	5	23	25		14	3.62		1.10	19				10	4	1
ERIE WB CITY	48.9	7.5	77	5	36	11+			3.99	0.69	0.66	10				16	7	
DIVISION	46.2	7.5							3.80	0.69								
STATE	46.0	4.6							4.56	1.64								

See reference notes following Station Index.

DAILY PRECIPITATION

PENNSYLVANIA

NOVEMBER 1948

Table 3

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ACMETONIA LOCK 3 LOWER	.36	.10		.36		.10	.50			T	.15		.04	.16			.05		.05	.44			.20				.60		.60	.02		3.73
ALBION z	.15					.58				.24	.23		*	.31	.12				1.10				.05			.84					3.62
ALLENS MILLS r	.09		.26			.67	.03		.02	.28			.23						.92	.25		.17				.12	.28	.12	.19			3.63
ALLENTOWN BETH EAST AP z			.06	.50		.70	.41		T	.29	.01	.01	.11				.12		.58	.44		.37	.02			.01	.34	.07	.37			4.41
ALLENTOWN GAS CO				.54	T	T	1.25			.01	.21		.12	.10			.05			1.20	T		.35				.29	.01	.56	.06		4.75
ALTOONA HORSESHOE CURVE	.33		.43	.19		.93			.17	.13			.12				.24		.50	.40		.27					.16	*	.84			4.71
ARENDTSVILLE	.07	.07	.05	.59	.03		1.42			.46	.11		.11				.13			1.51		T	.31				.11		.76			5.73
AUSTINBURG 2 W r			.15			.91	.01		.03	.37							.02		.26	.28		.21				.01	.07	.03	.16			2.51
AVOCA WILKES-BARRE AP			.07	1.10	T	2.07	.52		.10	T	T	T	.02		T		.04		.40	.41		.32	T			T	.16	T	.12			5.33
BAKERSTOWN 4 WNW	*	.30		.30		.20	.30			*	.24		.05						.60	.38			.60				.54		.39			3.90
BARNES	.17	.11		.21		.11	.63				.44		.19	.25	.07		.22		.91	.92	.10		.29				.56		.06			4.11
BEAR GAP	.03		.24	.54		2.00	.08		.59	.08							.22		.91	.12		.51					.17	.17	.40			6.06
BEAVER FALLS	.05	.23		.12	T	.16	.14			.02	.26		.06	.02	.01		.02		.02	.36			.06				.46		.39	.04		2.42
BEAVERTOWN	.04		*	.15		*	1.59		.06	*	.52		.01				.26		*	1.87		*	.51				.18		.70			5.89
BELLEFONTE ROCKVIEW FARM		1.16	T	.31	T		1.70	.04		.08	.09	T		T			.17			1.06			.07						.41			5.09
BERWICK			T	.67			2.05		.04	.03	.05		T				.11		.29	.29		.27	.06				.11		.46			4.43
BETHLEHEM RIVER STATION				.46	.01	T	1.35			T	.19		.06	T			.06			1.03			.26				.23	.01	.54	.01		4.21
BLAIN r	.06		.42	.08		.76	.02	.08	.22	.15	.03		.05				.16		1.32	.18		.42				.09	.13	.24	.59	.03		5.03
BLAIRSVILLE 6 ENE	.53	T	.36			.36	.04		.01	.41		T	.12			.12	.01		.39	.21		.42				.08	.26	.16	.21			3.69
BLAKESLEE CORNERS r	.02	.03	.18	.49	.04	1.56	.24		.22			.01	.07				.12		.91	.82		.36					*	*	.42			5.49
BLOSERVILLE 1 N	.05	.05	.10	.35		.65			.04	.30	.12		.02				.13		1.02	.61		.51					.18	.04	.84			5.01
BOSWELL r	.48	.08	.01	.74			.56			.07	.37		.01	.21		.09			.03	.99		.02	.39				.28					4.33
BRADDOCK LOCK NO 2	.39	.15		.35		.07	.38			.03	.14		.17	.37			.02		.01	.30			.11				.48		1.01	.04		4.02
BRADFORD CITY HALL	.01	.05	.03	.09		.27	.45			.07	.35		.15	.30	.03		.15			.99			.25	T			.32		.17	T		3.68
BRADFORD 4 W RES NO 1	.07	T	.03	.09		.67	.04			.44	.02		.42	.12	.11	.01	.11		.31	.70	T	.24	.05	T			.41		.19			4.03
BRADFORD 5 S		-		-		*	.58			-	-		*	*	*	*	*			1.80			-				-		-			-
BREEZEWOOD	.05	T	.50			1.30			.16	.20			.08				.09		1.32	.21		.32				T	.12	.14	.45			4.94
BROOKVILLE AIRPORT	.15		.16			.65	.02			.28		T	.23	T	T	.06	.12		.60	.26		.25	.01			.12	.31	.18	.15	T		3.55
BRUCETON	.29	.27		.39		*	.35			T	*	T	*	.36					.08	.23			.06				*	*	1.13	T		3.16
BUCKSTOWN r	.11		.60			.71			.19	.11			.23			.14	.03		.60	.12		.27				-	-	.50	.36			-
BUFFALO MILLS	.08			.83			.85			.15				*			.26			.96		.11	.36				.09		.84	.18		4.71
BURGETTSTOWN 3 W	*	.32	.01	.16		.33	.16			.06	.25		.06	.12			T		.15	.45			.05				.45		.65	T		3.22
BURNT CABINS 2 NE	.07		.29	.04		1.29			.20	.10			.05				.13		1.85	.45		.38					.19	.39	.38			5.81
BUTLER	.13		.02	.24		.65		.03		.32	.05		.09		T		.10		.15	.32		.03	.04	.02			.68		.66			3.53
BUTLER SUBSTATION r	.07		.28			.59				.28			.10			.05	.05		.26	.12		.07	.01			.35	.29	.33	.32			3.17
CAMP HILL				.43			1.23			.38			.13	.08			.28			.90			.43				.70		.85			5.41
CANTON 1 NW z		.21		.30			1.80			.10	.34			.07		.08	.15			1.57			.42				.17		.25	T		5.46
CARLISLE	.17	.04	.16	.48	T	T	.96		.25	.30	.23		.09				.13		.88	.50		.51	.03				.17	.08	.94			5.92
CARROLLTOWN	.29			.45			.72			.24	.08		.04	.20					.23	.83				T			.54		.85	.02		4.49
CARTER CAMP z	T			.46			1.53			.17	.33		T	.17		T	.26			.90			.41				.32		.22			4.77
CEDAR RUN				.31			1.61			.21	.27			.02		T	.27			1.30			.42				.18		.30			4.89
CHADDS FORD				.33			.61				.13			.12			.10			.53			.22		.33		.60		1.30	.10		4.37
CHAMBERSBURG z	.13		.30	.06		.70			.29	.11			.10				.11		1.28	.04		.47				T	.16	.41	.34			4.50
CHARLEROI z	.20		.41			.31				.11			.16			.05	.02		.18	.11		.15				*	*	*	1.12			2.82
CHARLEROI LOCK 4 LOWER	.20	.06		.43		.04	.31			.01	.10		.02	.18			.07		.01	.30			.16				.37		.85	.01		3.12
CLARION 3 SW z	.20	.22		.24		.05	.74			*	.32		.20	.08	T		.11		.01	.50			.23				.57		.43	.02		3.92
CLAUSSVILLE				.63	.03		1.08			.04	.03		.11	.10			.22			1.18			.52				.34		.53	T		4.81
CLAYSVILLE	.10		.21			.39				.34			.29						.29	.30		.08				.08	.38	.39	.52			3.37
CLEARFIELD	.14	.02		.49		.02	.69			.10	.22		T	.09			.25			.95			.41				.32		.47	.02		4.19
COALDALE 2 NW				.83	.18	.09	1.60			.30	.03		.02	.02			.33			1.67			.54				.26		.49	.05		6.41
COALPORT z	.25			.42			1.00				.10		*	.36			.24		*	.88		*	.50				.27		.60			4.62
COATESVILLE 1 SW z	T	T		.50	.03	.01	.79				.14		.17				.09			.76			.35	T	.09		.42	T	1.01	.05		4.41
COATESVILLE	T	.02		.45	.02		.77			T	.13		.18	T			.10			.66			.34	.01	.10		.44	.01	1.13	.07		4.43
COGAN STATION 2 N		-		-			1.03			*	*			*			.54			*		*	*				1.03		1.14			-
COLUMBIA	.10		.18	.29		.02	.90		.03		T		.25				.11		.48	.15		.32	T		.02		.22	.07	.92	.02		4.08
CONFLUENCE 1 SW z	.16	.10	T	.55		T	.39			.15	.02		.09	.12			.11		.17	.44		.06	.25				.20	T	.93	T		3.74
CONFLUENCE 1 NW	.17	.06		.66			.31			.11	.03		.06	.15			.09		.12	.60		.07	.25				.27		.92	.04		3.91
CONNELLSVILLE	.35	.16		.08		T	.44				.18		T	.10			.02		T	.20		T	.25				.38		.72	.02		2.90
CONNELLSVILLE 4 N r	.25		.22			.48	.02			.15			.07		.03				.18	.20		.31					.34	.42	.39			3.06
CONSHOHOCKEN			.16	.50			.70				.17		.07	.05			.11			.61			.23				.60		1.10			4.30
CORAOPOLIS DAM 2	.20	.27		-		.25	.16			.05	.24		.06	.02			T		.10	.31	.01		.04				.45		.71			-
CORRY	.14		.10			.50	.06			.54			.33		.10		.13		.40	.51		.01	.06			.01	.81		.19			3.89
COUDERSPORT			.16	.24		1.28			*	.71	.03		.29		.09		.25		.18	.94		.24	.08					.34	.09			4.92
COVINGTON				.09			1.25			.16	.14									1.05			.28						.08	T		3.05
CREEKSIDE	.35	.06		.45			.31			.07	.18		.07							.77			.30				.39		.95	.04		4.08
CRESSON 1 E SUMMIT r	.20		.60	.04	.97			.07	.01	.20			.09			.11	.10		*	*		.91				.06	.16	*	.77			4.29
CURWENSVILLE 6 NW AP	.03	T	.51		.01	.56	.04		.02	.41		T	.14	T	T	.09	.14		.91	.23		.34	.01			.17	.21	.31	.19	T		4.32
CUSTER CITY 2 W SONGBIRD	T			.09	T	.07	.61			.01	.40		.15	.25	.02	.08	.11			1.07			.26				.36		.20			3.68
DANVILLE		.07		.48	.02		1.45			.41	.15						.20			1.36			.46				.17		.42	.05		5.24
DAUPHIN 3 N	.11	T		.59	.02	.02	1.48			.39	.15		T	.05			.17			1.14			.47				.18		.94			5.71
DERRY	.49		.39			.32			T	.30			.16				.13		.20	.29		.26	.04				.39	.15	.76			3.88
DINGMANS FERRY z				.72	.16	T	1.15				.59		.10	.05			.10	T		1.50			.35				.20		.32	.03		5.27
DONEGAL	.20		.27			.40	.04		.04	.31		T	.19			.10	.03		.27	.02		.52			.09	.37	.41	.35			3.61
DONORA	.30		.41			.36				.18			.17			.03	.01		.18	.11		.10			.21	.10	.67	.25			3.08
DOYLESTOWN			.01	1.03		T	.64			.26			.12	T			.08		.17	.58		.16	T			.57		.62			4.24
DRIFTWOOD r			.39			.92			.05	.40			.17			*	*		*	*		1.58				*	*	*	.70			4.21
DU BOIS 7 E z	.18	T	.18	.06		.67	.05		T	.31			.06	.14	T		.23		.36	.51		.23	.06				.37	T	.44			3.85
DUNLO r		.05	.54			.77			-	-			-			.02	.23		.53	.18		.25			.06	.17	-	-			-
DUSHORE r			.10	.10		1.53	.02		*	.40							.12		*	1.69		.17				*	*	*				-
EAGLES MERE z		.03		.28	.15	T	1.75			.36	.38			T		T	.28			2.12			.41				.32		.28	T		6.36
EAST WATERFORD 3 E	.07	T	.01	.53	T	T	1.02			.20	.18		T	.06			.18	T	T	1.58		T	.52	T			.17		.86	.19		5.57
EBENSBURG	.38	.02	.02	.54	.02	.02	.61			.15	.14		.08	.12			.23		.18	.78			.27				.35		.74			4.65
ELIZABETHTOWN	.02	.31		.75	.01	.03	.97			.25	.02		.16	.05			.16			.55			.35				.22		.88			4.73
EMPORIUM z	T			.36		.35	.63			.25	.48		.05	.11	.02	.02	.27			1.07			.33				.27		.22			4.43
ENGLISH CENTER r	.20		.40			1.50			.08	.30	.02						.17		1.26	.59		*	.28			.03	.11	.06	.33			5.33
EPHRATA	.05	.12		.78			1.26		.04	T	.02		.29				.13		.50	.11		.35					.27	.05	.75			4.77
EQUINUNK				.34	.24		1.90			.20	.03			.04		.03	.05			.87			.45				.16		.25	T		4.56
ERIE WB CITY z	.33		T		.04	.54	.03			.66		T	.39	T	.05	.01	.01		.44	.46		.08		T		.56	.26	.07	.06	T		3.99
ERIE AIRPORT	.24		.05		.06	.54	.04			.48		T	.36	.04	.18	.04	T		.98	.13		.02		T		.47	.16	.13	.03			3.99
EVERETT z	.13			.57			1.49			.10	.14		.02	.08			.12			.93		.05	.32				.07		.81			4.83
FARRELL SHARON	.49	.01		.19		.43				.01	.23								.33	.49			.03				.77		.42			3.46
FORD CITY 4 S z	.24	.04		.30		.18	.38				.15	.06	.03	.02			.17		.09	.40			.22				.55		.73	.05		3.65
FRANKLIN z	.20	.25		.14		.40	.12			.12	.29		.15	.20	.07		.03		.05	.71			.06	T			.90		.43	.02		4.19
FREDERICKSVILLE 1 SE			T	.66	T	T	1.10			.03	.20	.19		.03			.14			.90			.32				.29	.03	.70	.06		4.62
FREELAND				1.40	.20	.06	2.10	.18		.20	.02		.02	T						1.45	.20		.41				.16		.63	.06		7.05
GALETON		T	T	T	.30		1.09	.20		T	.41	.04		.22	.02	.08	T			.09	.69		.29	.01				.28		.27			3.96
GEIGERTOWN					.63			.89				.18			.02					.97			.32				.38		.92			4.40
GEORGE SCHOOL		.02		.06	.69			.77			.29		.08				.10		.06	.31		.21						.06	1.41			4.00
GETTYSBURG		.04	.07	T	.55	.02	T	2.03			.38	.09	.14	.01			.15	.27	.03	1.29		.04	.27	.27		.10	.24		.94	.03		6.86
GETTYSBURG 1 S r	*	*	*	.55	.07	2.20			.34	.07		.11	.06				.10		1.19	.20		.32					.08	.52	.41			6.33
GIFFORD			.05	.11		.06	.62			.10	.41		.13	.15	*	.22	.20			1.05			.26				.35		.20			3.93
GLENCOE r	-	-	.25			.60			*	*			.40			.05	.05		.58	.22		.30				.05	.06	.40	.62			-
GLEN HAZEL	.06	T		.12		*	.70		.03	.13	.21		*	.42			.16		.02	.72			.24				*		.62			3.42
GLEN ROCK r	*	*	*	.54		.57	.15		.06	.02		.09	.08				.05		.57	.08		.28		.05	.17	.02	.25	.61	.42			4.01
GLENWILLARD DASHIELDS DAM	.18	.43		.25		.18	.30			.03	.25		.04	.11			T		.05	.42	T		.03				.43		.46	T		3.14
GOOD SPRINGS 1 NW r	.10		.46	.61		2.38	.08		.41	.09			.03			.02	.17		1.10	.20		.51					.17	*	.43			6.70
GORDON			.05	.95	.02	.05	2.40		.05	.33	.02		.07	.02			.22		.55	1.33		.47	.11				.01	.26	.44			7.23
GOULDSBORO				.56	.08	.07	1.59			.21	.02		.02	.09			.11			1.67			.41				.18		.21	.05		5.27
GRANTVILLE 2 SW	.07	.05	.03	.55		.04	1.43		.27	.21	T		.09				.24		.55	.20		.56	.03				.38		.77			5.41
GRATERFORD		.08		.21	.12		.91			.03	.09			.19			.08			.67			.31				.18		.81	.28		3.99
GREENSBORO LOCK 7 LOWER	.24			.25		.01	.45			.01	.16		.02	.08			T		.05	.42		T	.22				.39		.89	.03		3.22
GREENSBURG 2 S FILT STA	.36		.36			.34			T	.13			.15	T			.08		.13	.25		.35	T			T	.37	.21	.59	T		3.33
GREENSBURG 2 E HGWY SHED r	.36		.24			.32				.12			.13			.10			.24	.15		.35				.14	.16	.49	.21			3.00
GREENSBURG 3 SE UNITY RES	.43	.03	.42			.39				.10			*				.40		*	.58		.26					*		.73			3.33
GREENVILLE	.46		.16		.07	.45	.02			.32		T	.21	.02	.01		.11		.33	.58		.08	.03			.07	.72		.39			4.00

See reference notes following Station Index.

DAILY PRECIPITATION

PENNSYLVANIA

NOVEMBER 1948

able 3—Continued

Station	Day of Month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOVER	.06	.01		.42	.01	T	.78			.38	.04		.19	.01			.06		T	.97		T	.27	.01	.12		.22		1.02	.05		4.62
RRISBURG 3 S WB AP z	.02	T	.51	.12	T	1.10	.01		.38	T		.03	.04				.18		.80	.10		.44				T	.13	.36	.35			4.57
RRISBURG NORTH	.04	.01		.43	T	T	1.29			.40	.07		.03	.05			.24		T	1.04		.08	.47				.24		.82	.01		5.22
WLET				.42	.09	T	1.42			.10	.01			T		T	.01			1.03			.33				.11		.29	.04		3.81
WITT 2 S z			.71			1.80			.24											.75			.30				*	.90	.06			4.76
LLIDAYSBURG r	.06		.61	.03	.05	1.20			.16	.11	.02	.05	.07			.01	.15		.88	.14		.33	.03			.01	.07	*	.96			4.94
LLISTERVILLE				.59	.15	T	1.83			.10	.02		T	T		T	.01			.92			.24				.09		.26	T		4.21
LTWOOD z	.06	.05	T	.53	T	T	1.23			T	T		.15	T			.03			.45			.22	.01	.09		.26		.95	.05		4.08
ME r	.01		.38			.35	.05		.02	.23			.09			.12	.07		.50	.20		.28				.20	.20	.16	.47			3.33
NESDALE 4 NW				.76	.09	T	1.47			.32	T			T			T			1.04			.46				.24		.23			4.61
NESDALE 6 W TNRS FALLS r			.04	.65		.94	.35		.33										.74	.29		.40					.10		.30			4.14
OVERSVILLE	.26	.03	.04	.43		.02	.26			.09	.16		.01	.08			.07		.09	.62		.06	.23				.13		.58	.03		3.20
P BOTTOM 2 S				.41	.42		1.52			.20	.03			.05			.02	T		.84			.47				.07		.19	.02		4.24
NTINGDON	.16			.43			1.75			.16	.24		.10	.03			.24			1.33			.41				.14		.74	.09		5.82
NTSDALE z	.15	T	T	.49	T		.50			.25	.19		.04				.15		T	1.40		T	.38				.08		*	.92		4.55
NDMAN	.13			.78	T		.58			.13	.04			.10			.10		T	.76		.06	.23				.11		.69	.08		3.80
DIANA 2 SE z	.70		.41	T		.44				.15			.20				.05		.30	.24		.25	.03				.31	T	.78			3.86
DIANA	.55		.51	.02		.42			.01	.22			.28	.03	T		.14		.26	.36		.25	.08				.38	.02	1.04			4.57
WIN	.48	.02	.33			.44	.03		T	.14		T	.15				.04		.13	.20		.24	.01			T	.43	.16	.65			3.46
CKSON SUMMIT r	.24		.13	.01		1.33			.07	.37	.02				.04		.09		.68	.51		.35	.01				.11	.01	.15			4.12
MESTOWN 2 NW z	.50	.05		.12		.43	.01			.03	.21		.12	.08	T		.03		.08	.61			.01	.01			.68		.32			3.29
HNSTOWN 1	.33		.01	.48		.01	.49			.05	.10		.02	.19			.15		.15	.60		T	.29				.24		.68			3.79
HNSTOWN 2 r	.15		.45			.48				.05			.24			.10	.04		.60	.10		.27				.09	.13	.32	.34			3.36
NE 1 NW	.06	T	.17			.70	T			.50			.40		.07	.04	.15		.94	.21	T	.28	.03			.13	.26	.12	.07			4.13
NE 5 SE z	.02		.14			.68	.02			.40			.38		.03	.10	.10		.89	.13		.28				.14	.30	.11	.07			3.80
RTHAUS	.10	.19	T	.70		T	1.33			.15	.30		T	.15		T	.34			1.05			.43				.34		.44	.02		5.54
EGAR 4 SE	.24		.64			.52	.06		.12	.39		.14	.28			.11	.09		.63	.66		.72	T			.17	.26	.35	.39			5.77
SGEVILLE 3 W		T		.97	.02		1.33			.10		T		.13			.18			1.40			.74				.23		.49	.03		5.62
FAYETTE MC KEAN PARK	.01	.02	T	.12		.29	.45			.15	.36		.21	.25	.11	.05	.16			.97	T		.29				.34		.17			3.95
KEVILLE 1 N				.52	.05	.03	1.56			.09	.02		T	T	T	T	.03	T		1.43			.33				.08		.30	.02		4.46
NCASTER 2 NE PUMP STA	.07	.06	.06	.53		.02	1.31		.02		.03		.23				.11		.36	.23		.30	.04		.02		.32	.04	.97			4.72
NCASTER 2 NE FILT PLT r	.11	.03	.19	.33		.87	.34					.03	.24				.12		.38	.10		.28		.02			.23	.43	.47			4.17
NCASTER 3 NE EXP FARM	.07	.10	.01	.75	.02	.02	1.12			.05	.02		.20	.02			.11			.58			.37				.32		.86	.05		4.67
NSFORD				1.04	.25	.11	1.40			.27	.03		.02	T			.12	T		1.56			.56				*		.85	T		6.21
NSFORD FOREMANS SHOP				.87	.29	.09	1.41			.26	.04		.03				.24			1.58			.53				.28		.39	.07		6.08
TROBE	.33	.11		.28		T	.26			T	.16		.11				.09	T		.33			.32				.37	T	.65	.01		3.02
URELTON STATE VILLAGE r	.05	.22	.48	.01		1.70			.05	.14			.03						1.50	.68		.41	.04			.05	.13	.08	.47			6.04
WRENCEVILLE		.30		.20		1.32	.12		T	.40					T				.25	.88		.24	.05				.05		.15			3.76
BANON	.08	.01		.36	T	T	1.35	T		.17	.02	.08	.08	.01			.13	T		.68			.48				.38		.76	.06		4.57
BANON 3 SW r			.43	.02		1.22	.05		.15			.08	.03			.02	.18		.62	.05		.41				.01	.24	.30	.41			4.22
CONTES MILLS 5 NW	.07	.06		.47		.01	.77			.14	.28		T	.10	T	.01	.23			1.17			.38	T			.26		.48	T		4.43
EIGHTON z				1.00	.03	.05	1.13			.12	T		.10				.17			1.03		T	.45				.23		.46	T		4.77
HOY		.10				*	1.98			*	*						.20		.80	1.75		.25						.04				5.12
WIS RUN 3 S	T		T	.09	T	.06	.65	T		T	.42	T	.18	.25	.06	.08	.14			1.00	T	T	.24	T	T	T	.32	T	.16			3.65
WISTOWN z	.12			.28			1.37			.09	.08						.36			1.44			.28				.20		.60	.07		4.89
NESVILLE 6 NW PENN LINE	.18			.14	.01	.61	T			.10	.28		.22	T	.05	.04	.06		.16	.78			.03	T			.72		.24			3.62
CK HAVEN 1	T	.08		.20			1.80			.08	.15			.05			.17			1.63			.24				.09		.20			4.69
CK HAVEN 2 r	.09		.25	.05		1.59			.10	.14			.03			.01	.14		1.12	.36		.20			.04	.08	.08	.12	.27			4.69
NG POND				.85	.14	.10	1.55			.40	.03		.04	.04			.18	T		1.86			.40				.20		.20	.02		6.01
CIPPUS 1 E	.56		.42	T		.40		T	T				.41						.44			-						.54			-
PLE GLEN				1.24			.68			.15	.03		.08				.09			.48		T	.17				.59		.89	T		4.40
PLETON DEPOT	.11			.29			2.16			.13	.18		T				.17			1.50		T	.29				.11		.74	.12		5.80
RCUS HOOK				.22	.02		.73			T	.24		.15	.07			.17	T		.27			.26	.03	.30	.01	.60		1.28	.10		4.45
RIENVILLE r	.03		.31			.65	.03			.25			.57			.09	.02		.62	.19		.28				.15	.29	.16	.11			3.75
RION CENTER 2 SE	.28	.03		.36			.48			.09	.20		.06	.02			.17		T	.64			.32	T			.38	T	.79	T		3.82
RSHBURG	.08	.11		.10		*	.66			.08	.38	.06	.19	.21		*	.12			1.02			.28	T			.35		-			-
RTINSBURG	.05		.54			.90			.20	.16			.11			.05	.18		1.01	.10	.03	.37	.02		.05	.07	.08	*	.73			4.65
RTINSBURG BLAIR CO AP	.10	T	.41	T		1.06			.19	.15			.14			.01	.26		1.04	.16		.39		T		.04	.05	.18	.27			4.45
TAMORAS				.67	.19		1.03				.58		.04				.05			.92			.45		-		.08		.09			4.10
UCH CHUNK 1 SW			*	1.15	.03	.10	1.25		T	.14	.02		*	1.08					*	1.41		.15	.30				.12		.51			6.26
YBURG	.15	.07		.40		.40	.15				.42		.25		.30					.80			.25				.50		.10			3.79
CONNELLSBURG	T		T	.22		T	1.00			.10	.15		T	T			T			1.75		T	.34				.10		.58	.13		4.38
CONNELLSTOWN 4 NW	.15			.57			1.17			.17	.20		.02	.02			.27			.82	T		.32	.01			.15		1.19	.04		5.10
KEESPORT	.21	.25		.30	T	*	*				.53		.08	.17			.08		.13	.24			.13				.45		.60	.05		3.22
ADOW RUN PONDS r			.07	1.32		1.39	.26		.15				.17				.29		1.45	.56		.75	.05			.01	.51		.69			7.67
ADVILLE 1 S z	.42	.02		.08		.41	.02			.06	.33		.13	.03	.02	T	.03		.08	1.03	T		.08	T			.85		.28			3.85
DIX RUN r	.01		.17			.78				.42			.13			.05	.27		.50	.20		.25				.15	.15	*	.47			3.55
RCER HGWY SHED r	.05		.12			.51	.02			.41	.05	.01	.13						.42	.39		.04				.71	.24	.31	.05			3.46
RCERSBURG	.08	T		.28		.02	.56			.22	.03		.05	.07			.09			1.39			.47				.14		.88			4.28
RWINSBURG r			.14	.71		.70	.47		.05			.08	.07				.13		1.10	.31		.41					.17		.36			4.70
YERSDALE	.12	.04	.05	.52			.70			.02	.14		.02	.20			.10			.02	.69		.11	.25			.10		.85			3.93
DDLESTOWN OLMSTED FLD	.06	.03	.48	.05	.02	1.86	T		.43	T		.08	.05				.22			.88	.19		.57		T		.04	.15	.32	.68			6.13
DLAND DAM NO 7 LOWER	.18	.23		.31		.28	.17			.02	.18		.07	.03			.01			.04	.40		.07					.50		.68			3.17
LAN r	.10	.02	*	*		*	1.46			.34										*	*			1.83			*	*	*	.45			4.20
LANVILLE				.50	.18	*	1.29			.13				.09		T	.11	T		1.25			.41	T				.24	T	.26	.04		4.50
LLERSBURG 2 E r	.02		*	*		*	1.92		.31	*	.14					*	*		*	1.46		*	*				*	.57	*	.79			5.21
LLVILLE r	.12	.02	.27	.13		1.35	.05		.30	.13			.03				.12		.99	.48		.35	.01				.12		.09	.19			4.63
LROY	.12	T	T	.35			1.77			.13		T	.10				.43			1.50			.45				.26		*	.61		5.72
NROE FURNACE r	.16		.44			1.74			.16	.27	.03		.08				.40		.85	.41	.03	.25				.07	.14	.39	.37			5.79
NROETON 2 S				.33	.01	.03	1.41			.13	.44			T	T	.02	.09			1.35			.30				.08		.48	.01		4.68
NTROSE 3 E HGWY SHED		.44		.51	.03	.04	1.67			.25	.14			.03		.01	.03			.89			.57				.20		.28	T		5.09
NTROSE r	*	*	*	*		*	2.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNT UNION 1 NW// r			.33			*	1.73	*		.40				*					*	2.22						*	*	*	.85			5.53
RRYSVILLE r	.10		.34			.35	.02			.14			.10			.05	.03		.21	.12		.15	.01			.30	.15	.43	.47	.02		2.99
TERSTOWN				-	-		1.09			.20	.01			.04		.05	-			.60			.44				.34		.82	.08		-
TRONA LOCK 4	.24	.11		.36		.06	.48			T	.14		.01	.07			.16		.01	.44			.15				.57		.69	.04		3.53
FFS MILLS 4 NE z	*	*		.71			1.65			.22	.14			.18			.38			1.15			.28	T			.22		.76			5.70
SHAMINY FALLS	.02		.22	.41		T	.75			.31	.14		.08				.10		.08	.25	.02	.55	.10				.03	T	1.08			4.14
WBURG 3 W		.04	.45	.06		.63			.40	.22							.02		1.38	.47		.42				T	.21	.47	.02			4.79
W CASTLE 1 N z	.24		.18			.42	.02			.35			.13	.01		T			.30	.33		.04	.01			.38	.35	.19	.20			3.15
WELL	.27	.07	.10	.34		-	-		.05	.10			-			*	.09		.10	-		.25	.08			*	.35	*	.95			-
W PARK	.04		.56				1.08						.22						.44	.34		.51			.05		.40	.15	1.15			4.94
WPORT	.20	T		.37	T	.02	.87			.32	.24		T	T			.22			1.97		T	.58				.18		.72	.07		5.76
W TRIPOLI			.27	.69	.01	.04	1.16		.07	.01			.17				.25		.64	.31		.47	.15				.24		.65			5.13
RRISTOWN		T		.65	T		.70				.12		.06	.05			.09			.45			.21		.04		.50		1.02	.07		3.96
WELL 3 N		.16		.20	.01		1.30			.04	.29						.11			1.14			.55				.08		.19	.05		4.12
LM				.55			-			.05	.25		.20				.22			1.20			.33				-		.45			-
LMERTON z			.16	.53		.80	.41		.06			.07	.04				.17		.90	.20		.36	T			T	.18	.08	.30			4.26
RKERS LANDING	.23			.26		*	.31			*	.20		.45	.05			.01		*	.40							.74		.90			3.55
RKERS LANDING 1 E r	.03		.29			.61				.21			.24			.06	.09		.22	.19		.11				.28	.31	*	.53			3.17
RK PLACE 1 NW WB AP			.03	.88	.01	.06	1.71		.15	.12	.02		.01				.19		.65	.89		.39	.02				.20	T	.37			5.70
UPACK				.45	.07	.04	1.78			.13	.02						.10			1.10			.22				.10		.33			4.34
CKS POND				.65	.01	.02	1.35			.16	.07		.02	T			.07			1.71			.40				.09		.26	T		4.81
ILADELPHIA DREXEL INST	T		.14	.47	.02	.10	1.02		T	.26			.14				.10		.20	.07		.26		.01	.09		.56	.54	.90			4.88
ILADELPHIA FRANKLIN INS				.47	.02	.01	.84			.06	.33		.15			.03	.20			.36			.29		.10		.52		*	1.00		4.38
ILADELPHIA WB AIRPORT z	T	T	.02	.39	.02	.25	.92			.24	T		.13				.12		.12	.21		.25		.03	.18	T	.63	.58	.70			4.79
ILADELPHIA PT BREEZE z			.08	.45	T	.05	.97			.30			.12				.12		.11	.17		.23		T	.09		.57	.56	.84			4.66
ILADELPHIA SHAWMONT	.02		.09	.48		T	.85		T	.24		T	.10				.07		.18			.33	.17		.05	T	.53	T	1.20			4.31
ILADELPHIA WB CITY m			.10	.33	.01	.08	.68			.31			.14				.12		.21	.14		.25		.01	.08		.59	.54	.83			4.42
ILLIPSBURG 7 E AP r	.07	.06	.58	.02		1.20	.01		.12	.45			.12	T	T	T	.32		.66	.28		.21	T			.09	.12	.04	.18			4.54
OENIXVILLE 1 E PUMP ST z		T		.22			1.05				.04									.55			.24				.44	T	-			-
KES CREEK r			.28	.46		*	1.90	.02	.48	.03			.09			.03	.24		.62	.24	.03	.26					.26		.30			5.24
NE GROVE 1 NE	.04			.85	.08	.04	2.20			.36			.08	.04			.31	T		1.39			.59				.30		.25	.02		6.55
NE GROVE MILLS 1 S r	.33	.08	.41			1.98	-		-	-			.05			.24			.75	.33		.21				.09	.11	*	.85			-
TTSBURGH 7 SE WB AP z	.16		.35	T		.38	.02		T	.17		T	.18	T	T	T	.01		.20	.15		.08				.31	.11	.33	.15	T		2.60

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		Day of Month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PITTSBURGH WB CITY	z	.34		.31			.46				.27			.10			.01			.23	.16		.07				.34	.11	.58	.45	T		3.43
PLEASANT MOUNT 1 W	z				.58	.60		1.58			.08							.06			.86			.47				.19		.21			4.63
PORT ALLEGANY		.01	.04		.09		.18	.68			.01	.62		.12	.25	.02	.03	.11			.75	.01		.25				.30		.22			3.69
PORT CLINTON	z				.79	.06	.05	1.15			.18	.05		.11	.12			.24	.24	*	1.11		T	.59				.31		.81	.06		5.87
PORTLAND					.56	.06		1.23			T	.53		.17	.05			.16			1.22			.49				.20		.50			5.17
POTTSTOWN					.54		.02	.86		T		.27		.16	.14			.14			.96			.21				.54	.02	.87	.03		4.76
POTTSVILLE		T			.84	.05	.03	1.50			.26			.02	T			.24	T		1.79			.56				.20		.50	.03		6.02
PUNXSUTAWNEY 1		.24	.01		.29		.29	.62			T	.25		.01	.04			.14		T	1.02			.28				.39		.76			4.34
PUNXSUTAWNEY 2	r	.02		.31			.53	.04			.21			.06			.09	.10		.82	.17		.24				.15	.18	*	.71			3.63
PUTNEYVILLE 2 SE	z	.16	.14		.31		.17	.55			.02	.28		.07	.06					.05	.70			.24				.48		.27	.01		3.51
QUAKERTOWN				.05	.53	T	.04	1.01		.01	.16			.20				.13		.30	.29		.15	.11				.33		.64			3.95
RAYMOND	r			.29			1.54			.03	.79			.15				.17		.32	.29		.23	.02			.07	.21	.08	.15			4.34
READING WB CITY	z			.19	.41		.70	.40		.01	T		.01	.09				.12		.69	.17		.26				T	.20	.33	.69			4.27
RENOVO		.03	.20		.46		.02	1.08			.12	.30			.06			.20			.86			.35				.24		.35	.03		4.30
RENOVO 6 S STATE CAMP	r		.05	.51	.01		1.30			.33	.31			.13				.36		.98	.17		.40				.12	.18	.15	.36			5.36
RETREAT FARMS				.10	1.16		.02	1.83	.01	.04	.11	.06		.12						.65	.33		.42					.32		.27			5.44
REW			.07	T	.11		.06	.65				.43		.18	.20	.05	.08	.17			1.05			.28				.34		.15			3.82
RICES LANDING LOCK 6		.32			.31		.06	.22				.19		.03	.14			.02		.04	.46			.16				.31	.01	.82	.02		3.11
RIDGWAY	z	.16	.02		.19		.02	.62			T	.43		.18	.15		T	.15			.83			.29	.02	.01		.42		.33			3.82
RINGTOWN 1 SW				*	1.40		*	1.90		*	.30									.70	.60		1.50					*		1.10			7.50
ROCHESTER 1 N	r	.19		.16			.37				.30			.09						.31	.14						*	*	*	1.10			2.66
RUSH 6 S			.17		.29	.08	.03	1.38			.09	.20						.10			1.04			.52				.08		.31			4.29
SAGAMORE 1 SE		.27	.03		.33	T		.47			T	.21		.02	.02			.13		T	.60			.25				.38		.74	T		3.45
SALTSBURG		.36	.10		.41		.06	.21			T	.11		.02	.02			.09		.03	.43			.31				.32		.83	T		3.30
SAXTON	z	.07			.38			1.74			.11	.16			-			.11			1.13			.43				.07		.67			-
SCANDIA	r	.08		.15			.55	.07			.58			.39	.14	.13	.03	.11		.66	.26		.20				.25	.35	*	.15			4.10
SCHENLEY LOCK 5		.18	.16		.38		.03	.55			T	.15		.02	.02	T		.10		T	.43	T		.15				.56		.64	.05		3.42
SCRANTON WB CITY	r			.04	1.20		1.81	.21		.11	T			T		T		.03		.31	.31		.22	T			T	.13		.22			4.59
SELINSGROVE AIRPORT			.03	.07	.35	T	T	1.21		.20	.22	.12		.03				.17		.89	1.01		.60	.05				.15		.58			5.68
SELLERSVILLE 2 NW	r			.03	.05		.30	.30			.18			.13				.10		.38	.24		.17					.42	.09	.41			2.80
SEWARD		.54	.10	.46	.31			.52			.05	.34		.06	.12			.14		.89	.44			.34				*		1.10			5.41
SHADE GAP	r		.08	.20	.07	.03	1.30	.04		.10	.07			.03				.08		1.48	.49		.29	.03			.06	.06	*	.56			4.97
SHAMOKIN		.06			.75	.12	.02	2.12			.38	.06						.14			1.14			.60				.19		.52	.02		6.12
SHARPSVILLE		.36	.14		.18		.40	.02			.01	.32		.18	.11	.01				.10	.65			.04	.01			.75		.58			3.86
SHEFFIELD 6 W CHRY GRVE	r	.10		.19			.50	.05			.50			.47		.05	.04	.06		.67	.20		.20	.02			.19	.26	.16	.03			3.68
SHIPPENSBURG		.05	T	.10	.28		.02	.68		.08	.25	T		.11				.11		.91	.66		.41	.02			.06	.26	.10	.11			4.68
SMETHPORT HGWY SHED	r			.17			.70				.37			.31		.10	.10	.08		.80	*	*	*	.35				.21	.11	.64			3.51
SOMERSET WATER WORKS		.50	T	.47	.07		.51	.03		.12	.11			.31				.11		.55	.31		.34	.12				.21		.64			4.51
SOMERSET 2 E SUBSTATION		.34			.67			*			.74	.10		.05				.08		-	-		.20	.15				.20		.58			-
SOUTH CANAAN 1 E	r			.10	.61		1.07	.33		.19				.04				.02		*	1.10		.29	.02				.17		.16			4.10
SOUTH MOUNTAIN		.16	.05	.06	.43			.85			.19	.15		.18				.10			1.26			.23				.18		.95	.10		4.89
SPRING GROVE	z	.08	.07	.05	.44			.72		.15	.12	.05	.21	.03				.06		.24	.33		.23	T	T	.10		.12	.06	1.02			4.08
SPRINGS 1 SW		.16	.05	.72	.01	.01	.57	.04		.21	.10	.01		.21	.01			.15		.54	.27		.40	.05				.21	.31	.78			4.81
SPRUCE CREEK		.02	.17		.55			.12			.25	.24		T	.09			.25			.93			.32	T			.17		1.02	.04		4.17
STATE COLLEGE	z	.32	.02	.41	T		1.83	T		.11	.29			.02	T	T		.20		.69	.44		.17	.01			.06	.12	.28	.31			5.28
STRAUSSTOWN		.01			.67	.09		1.20			.16	.05		.08	.02			.21	.01		.88			.57				.29		.41	.14		4.79
STRONGSTOWN	r	.15		.44			.50				.25			.13			.16	.05		.70	.13		.30	.02			.13	.24	*	.45			3.65
STROUDSBURG SUBSTATION					.65	.01		1.91			.08	.38		.12	.01			.13			2.01			.39				.19		.49	.05		6.42
STROUDSBURG	r			.38	.19		1.53	.20		.11	.37		.08	.07			.04	.10		1.21	.69		.32				.02	.17	.14	.29			5.91
STUMP CREEK		.10	.14		.20			.53				.28						.14			.68			.25				.35		.31			2.98
SUNBURY	z	.04	.03		.34	.02	T	1.28			.38	.19		T	.03			.20			1.84			.58				.15		.36	.19		5.63
SUNBURY 2 N AIRPORT		.09	.03	.29	.13	T	1.26	.05		.39	.17		T	.05				.16		1.13	.68		.49	.01			T	.10	.20	.32			5.55
SUSQUEHANNA					.27	.14	.01	1.45			.18	.06			.05		.04	.06			.60			.48	.01			.24		.16	.02		3.77
SUTERSVILLE		.28	.13		.30		.08	.14			T	.13		T	.06			.04		T	.30		T	.19				.30		.66	.02		2.63
TAMAQUA					.88	.11		1.42			.27			.06				.21			1.58			.57				.14		.41	.05		5.70
TAMAQUA 4 N STL CR DAM	z				1.28	.34	.05	1.78			.31	.05		.01	.03			.20			1.68			.27				.27		.42	.06		6.95
TAMARACK 2 S FIRE TOWER		.02	.05		.71	T	.01	1.26			.14	.28		T	.06	T	T	.25			.97	T		.35	T			.19		.30	.02		4.61
TIONESTA 2 SE DAM	z	.19	.07		.20	.01	.35	.15			.12	.29		.22	.19	.08	T	.06		.03	.58			.15	T			.56		.33			3.58
TITUSVILLE 2 S		.18		.18	.02		.51	.05			.50			.36	.02	.09		.08		.26	.60		.06	.04			.03	.88		.22			4.08
TITUSVILLE	r	.01		.11			.47				.42			.50		.03	.05	.05		.45	.39						.60	.32	.08	.07			3.55
TOWANDA	z		T	.03	.19		.86	.38		T	.32	.06		T	T	.04	T	.05		.19	1.18		.15	.11				.04		.30	T		3.90
TOWER CITY 5 SW		.11		.04	.77			2.13		.25	.16			.08				.26		.82	.60		.75	.02					.26	.66			6.91
TUNKHANNOCK 1 S	z				.55		.73	1.72	.01		.39	.06			.01			.06	T		1.01			.17				.04		.31			5.06
TUNNELTON //	r	.16		.47			.26				.14			.07			.10	.01		.29	.18		.27				.18	.17	.35	.41	.01		3.07
TYRONE 4 NE BALD EAGLE	r	.10	.17	.46			.90			.25	.15			.13			.01	.30		.56	.14	.01	.26	.01				.10	.10	.17	.10			3.92
UNION CITY 1 W	r	.02		.05			.39				.34		.01	.29	.01	.10				.60	.06		.03	.04			.53	.26	.12	.07			2.92
UNIONTOWN		.26	.02	.17			.56			T	.79			.20			T	.03		.17	.35		.34	.02			.05	.40	.45	.49			4.30
VANDERGRIFT		.32	.10		.32	T	.12	.40				.10	*	.08	T			.12		T	T	T		.35				.44		1.00			3.35
VANDERGRIFT 2 W	r	.40		.33			.50				.14			.12			*	.15		.22	.14		.16				.37	.13	*	.67			3.33
VIRGINVILLE					1.06	.01		1.35			.03	T		.15	.06	T		.26			.88			-				.36		.47	.02		-
WARREN		.10	.07		.12		.05	.02			.11	.31		.21	.20	T	.03	.18			.83	.23		.13				.45		.15			3.19
WASHINGTON	r		.06	.26			.48	.01		.05	.22			.22						.22	.20						.24	.11	.71	.14			2.92
WATROUS 9 S LEE FIRE TWR		T			.44			1.38			.16	.34			.24	T	.02	.25			.85			.30				.24		.28			4.50
WATSONTOWN		.01	.11	.02	.51	T	.77	1.11		.06	.35	.18		T	T			.25		.80	.96		.30	.03				.10		.47			6.03
WAYNESBURG 2 W	r	.03		.22			.30				.20			.26						.20	.18		.14				.20	.14	.64	.15			2.66
WAYNESBURG 1 E		.22	.07		.22		.11	.28			.04	.16		.01	.21				T	.03	.48			.06				.37		.77	.02		3.05
WEBSTER MILLS 3 SW	r	.05		.25			.77			.05	.09								.07	1.15	.26		.31					.08	.11	.63			3.82
WELLSBORO		T			.24		T	1.63			.13	.35			.02	T	.04	.10			1.12			.20	T			.10		.25	T		4.18
WELLSBORO 2 E	r			.22			1.53			.13	.30					.04		.10		.74	.36		.17					.10	.01	.23			3.93
WELLSVILLE		.04		.03	.52	T	T	1.80		.27	.09	.05		*	.12			.14		.64	.28		.29					.19	.09	.77			5.32
WERNERSVILLE		.02		.06	.73	T	.05	1.19		.02	.01	.01		.24				.15		.72	.22		.46	.01				.27	.05	.74			4.95
WEST CHESTER		T		.03	.40	.02		.95		T	.07	.01		.09				.12		.25	.45		.23	T		.17	T	.61	.43	.75			4.58
WEST GROVE 1 SE			T		.50		.05	.95				.11		.12	.03				.22	.15	.24			.33	.02	.33		.68		1.26	.08		5.07
WHITESBURG		.25	.05		.34		.15	.38			T	.18		T	T			.20		.10	.40	T		.32				.48		.90	T		3.75
WILKES-BARRE					.44	.42	T	1.96			.08	.03			T		T	.22			.59	T		.23					.22	T	.22	.02		4.43
WILLIAMSPORT 4 SE			.44		.58			1.87			.15	.28						.20	T		2.54			.32				.21		.06			6.65
WILLIAMSPORT 4 E WB AP		.09	.25	.40	.02	T	1.89	.01		.04	.35			.05		T		.26		1.46	.89		.27	T			.05	.12	.10	.24			6.49
WILLIAMSPORT	z		.88		.38			2.30			.08	.42			.08			.27			1.69			.26				.22		.48	.03		7.09
WILLIAMSTOWN		.15			.60	.12		1.83			.37	.13			T			.33	T		1.63			.48				.38		.48	.26		6.76
WIND GAP 3 SW	r			.07	.66	.01	.50	.55		.04	.33		.02	.13				.20		1.10	.51		.49				*	*	*	.65			5.26
YORK 3 SW PUMPING STATION		.03	.02	.07	.53	.01		1.38		.20	.02	.40		.21				.08		.38	.13		.28	.02		.10		.15	.09	1.20			5.31
YORK 2 S FILTER PLANT	r	.08	.08	.71	.03		*	1.38		*	=	.62	*	.21				.10		.52	.04		.38		.01	.10	.03	.16	.50	.39			5.33
YORK HAVEN		.05	.01		.65			.97			.31	.01		.15	.06			.18			.99			.33				.20		.87	.05		4.83
YOUNGSVILLE	r	.04		.14			.42	.05			.35			.44	.03	.05	.02	.09		.63	.12		.05				.31	.21	.09	.04			3.08
ZIONSVILLE 1 SW				.02	.55			1.10			.25			.20				.12		.40	.90		.25	.15				.35		.70			4.99

See reference notes following Station Index.

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
												—1st—													
ALBION				.07	.02	.01																			.10
ALLENS MILLS	.01			.01							.05	.02													.09
ALLAIN	.01	.01		.03	.01																				.06
ALLAIRSVILLE 6 ENE 6	*	.19	*	*	*	*	*	.21	*	*	*	*	*	.12	*	*	*	*	*	.01					
ALLAKESLEE CORNERS																						.01		.01	.02
BOSWELL	.09	.03	.02	.05	.02	.01						.01	.01	.01	.03										.28
BROOKVILLE AIRPORT 6	*	.01	*	*	*	*	*	.02	*	*	*	*	*	.12											
BUCKSTOWN	.07	.01	.01	.01		.01																			.11
BUTLER SUBSTATION						.01	.01	.01	.02	.02															.07
CHAMBERSBURG	.01	.02	.01	.02	.01																				.07
CLARION 3 SW									.22	.03															.25
COALPORT	.01					.01				.01		.01				.01									.05
COATESVILLE 1 SW																.01								.01	.02
CONFLUENCE 1 SW	.02	.02												.02	.03		.01								.10
CONNELLSVILLE 4 N	.02	.01										.03	.14	.03	.01	.01									.25
CRESSON 1 E SUMMIT	.06	.04	.05	.04	.01																				.20
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.01	*	*	*	*	*	.02											
DU BOIS 7 E		.01		.01								.02	.03	.01											.08
EAGLES MERE																				.01			.02	.01	.04
EMPORIUM		.01																							.01
ENGLISH CENTER																					.01	.06	.13		.20
ERIE WB CITY					.01	.12	.18	.02																	.33
ERIE AIRPORT 6			*	*	*	*	*	.24																	
EVERETT	.03	.02	.03																						.08
FORD CITY 4 S //	.01	.02								.01	.01														.05
FRANKLIN				.01				.02	.09	.10	.01														.23
GETTYSBURG 1 S		*	*	*	*	*	*	*																	*
GLEN ROCK	*	*	*	*	*	*	*	*																	*
GOOD SPRINGS 1 NW		.01	.06	.03																					.10
GREENSBURG 2 E HGWY SHED	*	*	*	*	*	*	*	*	*	*	*	*	.36												.36
HARRISBURG 3 S WB AIRPORT		.01	.01																						.02
HEWITT 2 S	.02	.01																							.03
HOLLIDAYSBURG		.02	.01	.03																					.06
HOLTWOOD				.02	.03	.01		.01	.01	.01													.01		.10
HOME	.01																								.01
HUNTSDALE	.01	.01	.02																						.04
INDIANA 2 SE	.07	.01	.01	.01						.01	.04	.01													.16
JACKSON SUMMIT																				.16	.06	.02			.24
JAMESTOWN 2 NW					.02	.04	.04	.06	.12	.02															.30
JOHNSTOWN 2	.05	.03	.05	.01		.01																			.15
KANE 5 SE													.02												.02
LANCASTER 2 NE FILTER PLANT				.01	.04	.01				.01		.01											.02	.01	.11
LAURELTON STATE VILLAGE	.01	.01		.03																					.05
LEWISTOWN			.02	.04	.01																				.07
LOCK HAVEN 2																						.01	.08		.09
MARIENVILLE			.02	.01																					.03
MARTINSBURG	.03	.02																							.05
MARTINSBURG BLAIR CO AIRPORT 6	*	.04	*	*	*	*	*	.06																	
MEADVILLE 1 S						.04	.01	.03	.01	.01															.10
MEDIX RUN	.01																								.01
MERCER HGWY SHED				.01				.02	.01	.01															.05
MILAN																					.09	.01			.10
MILLERSBURG 2 E	.01	.01																							.02
MILLVILLE																							.01	.11	.12
MONROE FURNACE	.03	.08	.03	.01		.01																			.16
MONTROSE																						*	*	*	*
MURRYSVILLE		.02	.01							.01		.03	.02	.01											.10
NEFFS MILLS 4 NE	.08	.05	.03	.01		.01								.01		.01		.01	.01	.01				.01	.24
NEW CASTLE 1 N		.02					.01	.09	.10																.22
PARKERS LANDING 1 E						.01		.02																	.03
PHILLIPSBURG 7 E AIRPORT	.02	.01	.02	.01	.01																			.04	.11
PINE GROVE MILLS 1 S	.08	.04	.02		.01	.01				.01												.03	.09	.04	.33
PITTSBURGH 7 SE WB AIRPORT //									.03	.02	.03	.01	.01	.01											.16
PITTSBURGH WB CITY	.06	.04	.04	.02	.01					.02	.02	.02	.02	.04	.03	.01	.01								.34
PUNXSUTAWNEY 2	.01	.01																							.02
PUTNEYVILLE 2 SE											.04	.06	.01												.11
RIDGWAY																.02									.02
ROCHESTER 1 N	.04	.01		.01		.01	.01	.04	.05	.02															.19
SCANDIA			.01	.02					.01	.02	.02														.08
SHEFFIELD 6 W CHERRY GROVE													.10												.10
SPRING GROVE				.01	.05	.01	.01																		.08
STATE COLLEGE	.10	.01	.01	.01	.01																		.03	.15	.32
SUNBURY	.03	.01			.01	.01	.01	.01	.01																.09
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.09																	
TIONESTA 2 SE DAM //									.01	.05	.01														.07
TITUSVILLE	.01																								.01
TUNNELTON //											.01	.11	.04												.16
TYRONE 4 NE BALD EAGLE	.06	.03	.01																						.10
UNION CITY 1 W				.01			.01																		.02
VANDERGRIFT 2 W	*	*	*	*	*	*	*	*	*	*	*	*	*	.40											.40
WAYNESBURG 2 W	.03																								.03
WEBSTER MILLS 3 SW	.01	.01	.02	.01																					.05
WILLIAMSPORT																							.22	.40	.62
YORK 2 S FILTER PLANT		.01	.01	.05		.01																			.08
YOUNGSVILLE									.01		.01	.02													.04
												—2d—													
BLAKESLEE CORNERS						.01												.01	.01						.03
CANTON 1 NW		.11	.02												.05										.18
COATESVILLE 1 SW																.01				.01				.01	.03
DUNLO																	.01		.01	.01	.01			.01	.05
HOLTWOOD		.01																							.01
HUNTSDALE		.01	.01	.01		.01		.01				.01		.01										.01	.08
LANCASTER 2 NE FILTER PLANT	.03																								.03
LAURELTON STATE VILLAGE	.18	.04																							.22
MILAN	.01	.01																							.02
MILLVILLE	.02																								.02
NEFFS MILLS 4 NE	.03																								.03
PHILLIPSBURG 7 E AIRPORT	.07	.05	.02																						.14
PINE GROVE MILLS 1 S	.04	.03	.02																						.09
RENOVO 6 S STATE CAMP		.02	.02	.01																					.05
SHADE GAP															.02	.04		.01	.01						.08
SPRING GROVE				.07																					.07
STATE COLLEGE	.02																								.02
SUNBURY AIRPORT 2 N 6	*	.03																							
TYRONE 4 NE BALD EAGLE	.05	.10	.02																						.17
WASHINGTON																		.01	.01	.01	.01	.01	.01		.06
WILLIAMSPORT	.20																								.20
YORK 2 S FILTER PLANT			.02	.06																					.08

See reference notes following Station Index.

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
												—3d—													
ALBION														.01	.02	.02									.05
ALLENS MILLS												.01	.01	.02	.06	.08	.06	.01	.01						.26
ALLENTOWN-BETHLEHEM-EASTON WB AP																.03				.03					.06
AUSTINBURG 2 W																		.01	.04	.01		.01	.03	.05	.15
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.04	*	*	*	.03	
BLAIN												.01	.01	.01	.01	.03	.01	.10	.04	.07	.09	.01	.02	.01	.42
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.07	*	*	*	*	*	.28	*	*	*	.01	
BLAKESLEE CORNERS															.01	.02	.02	.02	.01	.01			.03	.06	.18
BOSWELL											.01	.03	.13	.09	.17	.12	.04	.04	.01	.09					.73
BROOKVILLE AIRPORT 6									*	*	*	*	*	.01	*	*	*	*	*	.15					
BUCKSTOWN											.01	.04	.06	.06	.14	.17	.03	.04	.02	.01	.02				.60
BUTLER SUBSTATION												.01	.03	.13	.04	.06	.01								.28
CANTON 1 NW													.01						.02	.09	.02		.04	.02	.20
CARTER CAMP												.01			.05	.02	.02	.10	.07	.02	.01	.02	.08	.07	.47
CHAMBERSBURG																.01	.06	.03	.09	.08	.02	.02	.01	.01	.33
CLARION 3 SW														.03	.04	.08	.10	.01							.26
COALPORT														.02	.04	.11	.11	.05			.02	.02	.03	.02	.42
COATESVILLE 1 SW		.01	.01	.01		.01		.01					.01	.01	.01						.02	.07	.10	.10	.37
CONFLUENCE 1 SW												.09	.14	.08	.11	.04	.01		.01	.01					.49
CONNELLSVILLE 4 N											.02	.03	.07	.07	.03										.22
CRESSON 1 E SUMMIT													.02	.02	.06	.19	.13	.03	.03	.02	.08	.02			.60
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.04	*	*	*	*	■	.42	*	*	*	.05	
DINGMANS FERRY																				.02	.01	.04		.01	.08
DRIFTWOOD														.03	.02	.05	.10	.08	.02		.01	.06	.02		.39
DU BOIS 7 E														.01	.06	.06	.05	.02							.20
DUNLO								.04				.01	.01	.03	.07	.16	.08	.04	.03	.02	.02	.02		.01	.54
DUSHORE																				.01	.01	.02	.05	.01	.10
EAGLES MERE																.01				.01	.01	.01	.01	.02	.07
EMPORIUM														.02	.03	.01	.03	.08	.04	.05	.01	.03	.05		.35
ENGLISH CENTER																		.07	.13	.10	.02	.03	.02	.03	.40
ERIE AIRPORT 6															*	*	*	*	*	.05					
EVERETT											.01	.02	.01	.01	.03	.07	.17	.06	.02	.04	.04	.08	.01		.57
FORD CITY 4 S //													.02	.05	.07	.11	.01								.26
FRANKLIN													.02	.03	.04	.01									.10
GOOD SPRINGS 1 NW														.01	.02	.01	.01		.01	.02	.02	.15	.05	.16	.46
GREENSBURG 2 E HGWY SHED												.07	.08	.09											.24
HARRISBURG 3 S WB AIRPORT															.05			.01		.01	.11	.06	.13	.14	.51
HAWLEY 1 S WALLEN DAM																.02	.01	.01	.01	.01	.01	.01		.01	.09
HEWITT 2 S													.02	.09	.05	.15	.05	.01	.02	.03	.02	.02			.46
HOLLIDAYSBURG														.05	.05	.18	.15	.05	.01	.05	.05	.02			.61
HOLTWOOD														.02						.01	.07	.01	.01	.25	.37
HOME													.08	.05	.08	.11	.05	.01							.38
HONESDALE 6 N TANNERS FALLS //																						.03	.01		.04
HUNTSDALE						.01				.01		.01	.03	.03	.01	.01	.01	.07	.03	.09	.02	.01	.01	.02	.37
INDIANA 2 SE												.01	.06	.05	.10	.16	.01								.39
JACKSON SUMMIT																			.03	.08		.01		.01	.13
JAMESTOWN 2 NW											.01	.01	.04	.02	.06										.14
JOHNSTOWN 2												.01	.02	.06	.05	.13	.10	.01	.01	.04	.02				.45
KANE 5 SE														.01	.01	.09	.01	.01	.01						.14
LANCASTER 2 NE FILTER PLANT															.02							.01	.01	.15	.19
LAURELTON STATE VILLAGE																.02	.02	.06	.10	.03	.05	.13	.04	.03	.48
LEBANON 3 SW												.01	.01	.01				.01	.01	.01	.10	.06	.04	.17	.43
LEHIGHTON															.01	.01	.06	.01		.01	.01	.01	.06	.09	.27
LEWISTOWN														.01	.01	.02	.01	.03	.07	.03		.01	.01	.01	.21
LOCK HAVEN 2																.01	.01	.15	.03	.01		.02	.01	.01	.25
MARIENVILLE													.02	.02	.08	.09	.06	.04							.31
MARTINSBURG												.01	.01	.04	.05	.13	.13	.03	.02	.03	.04	.05			.54
MARTINSBURG BLAIR CO AIRPORT 6									*	*	*	*	*	.02	*	*	*	*	*	.39					
MEADOW RUN PONDS																.01	.01	.01					.01	.03	.07
MEADVILLE 1 S														.01	.02	.04									.07
MEDIX RUN															.01	.03	.04	.04	.02			.02		.01	.17
MERCER HGWY SHED												.01	.01	.06	.04										.12
MERTINSBURG																.01	.01	.01	.01		.03		.03	.04	.14
MILAN													*	*	*	*	*	*	*	*	*	*	*	*	*
MILLERSBURG 2 E														*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE																				.02	.05	.01	.10	.09	.27
MONROE FURNACE														.02	.03	.03	.12	.14	.02		.01	.03	.02	.02	.44
MOUNT UNION 1 NW //								*	*	*	*	*	*	.33											.33
MURRYSVILLE												.01	.07	.08	.11	.05	.01	.01							.34
NEFFS MILLS 4 NE															.02	.01	.09	.16	.03	.01	.01	.02	.03	.02	.40
NEW CASTLE 1 N											.01	.07	.02	.07	.01										.18
PALMERTON																			.01	.02					.03
PARKERS LANDING 1 E												.01	.01	.06	.05	.13	.02	.01							.29
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.03	*	*	*	*	
PHILADELPHIA WB AIRPORT													.01	.01											.02
PHILADELPHIA POINT BREEZE													.03		.04	.01									.08
PHILADELPHIA WB CITY													.02	.01	.05		.01						.01		.10
PHILLIPSBURG 7 E AIRPORT											.01	.01	.01	.05	.02	.08	.21	.11	.02	.01	.06	.07	.01	.01	.68
PHOENIXVILLE 1 E PUMPING STATION																.07	.01					.01	.04	.25	.38
PIKES CREEK																				.01	.01	.02	.09	.15	.28
PINE GROVE MILLS 1 S														.01	.03	.02	.10	.16	.03	.01	.01	.01	.02	.01	.41
PITTSBURGH 7 SE WB AIRPORT //												.01	.05	.14	.13	.01	.01								.35
PITTSBURGH WB CITY												.02	.04	.06	.08	.08	.03								.31
PLEASANT MOUNT																		.01	.06	.01	.02	.01	.03	.04	.18
PORT CLINTON		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PUNXSUTAWNEY 2	.01	.02	.01	.01								.01	.01	.01	.05	.08	.08	.01		.01					.31
PUTNEYVILLE 2 SE														.03	.07	.10	.07	.01	.01						.29
RAYMOND															.02	.02	.05	.07	.03	.01		.03	.05	.01	.29
READING WB CITY																.01				.01	.01	.04	.04	.08	.19
RENOVO 6 S STATE CAMP													.01	.02	.05	.04	.11	.13	.03	.01	.03	.06	.02		.51
RIDGWAY															.01	.05	.07	.01	.05	.01					.20
ROCHESTER 1 N												.01	.06	.03	.04	.01	.01								.16
SAXTON												.01	.01	.01	.12	.10	.03	.01	.01	.03	.04	.01			.38
SCANDIA																.04	.05	.01	.03	.01	.01				.15
SCRANTON WB CITY																					.02	.01		.01	.04
SHADE GAP																	.01	.09	.02	.03	.04		.01		.20
SHEFFIELD 6 W CHERRY GROVE														.01	.05	.03	.05	.05							.19
SMETHPORT HGWY SHED																.01	.06	.09	.01						.17
SOUTH CANAAN 1 E																	.02	.01	.01	.01	.01	.02		.02	.10
SPRING GROVE													.01	.01				.01	.01	.01	.11		.18	.07	.41
STATE COLLEGE														.01	.03	.04	.08	.15	.05		.01	.02	.01	.01	.41
STROUDSBURG															.01	.01	.01			.01	.03	.02	.01	.27	.38
SUNBURY								.01														.02	.08		.21
SUNBURY AIRPORT 2 N 6																		.01	.01	.01	.08	.02	.08		
TAMAQUA 4 N STILL CREEK DAM																*	*	*	*	.09	*	■	*	.20	
TIONESTA 2 SE DAM //																.02	.04	.01				.03	.06	.11	.27
TITUSVILLE													.01	.01	.01	.04	.04	.09	.01	.02					.19
TOWANDA														.02	.06	.03									.11
TUNKHANNOCK 1 S																				.03	.05	.02	.02	.01	.13
TUNNELTON //																					.01	.02	.07	.12	.22
TYRONE 4 NE BALD EAGLE													.05	.10	.12	.13	.06	.01							.47
UNION CITY 1 W														.01	.01	.09	.12	.09	.01	.06	.03	.04			.46
VANDERGRIFT 2 W																.05									.05
WASHINGTON												.01	.03	.03	.07	.14	.04	.01							.33
										.03	.04	.06	.10	.03											.26

See reference notes following Station Index.

Station	A M Hour ending												P M Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AYNESBURG 2 W		.01						.01		.01	.05	.02	.07	.03	.01	.01									.22
EBSTER MILLS 3 SW															.02	.01	.13	.02	.01	.01	.02	.01	.01	.01	.25
ELLSBORO 2 E																		.09	.07	.01		.01	.02	.02	.22
ILLIAMSPORT																		.01	.13	.07	.01	.04	.03	.02	.31
IND GAP 3 SW																	.03	.01		.01		.01	.01		.07
ORK 2 S FILTER PLANT														.02		.01	.02	.01		.04	.08	.02	.42	.09	.71
OUNGSVILLE															.01	.05	.04	.01	.01			.01		.01	.14
—4th—																									
LLENTOWN-BETHLEHEM-EASTON WB AP	.24	.04	.12	.04			.03	.02	.01																.50
VOCA WILKES-BARRE SCRANTON AP 6	*	.05	*	*	*	*	*	.58	*	*	*	*	*	.42	*	*	*	*	*	.05					
LAIN	.01	.01	.01	.01	.01	.01	.01	.01																	.08
LAKESLEE CORNERS	.15	.06	.01		.01	.02	.06	.09	.02			.01	.02	.04											.49
ANTON 1 NW	.01							.01		.01			.03		.02										.08
HAMBERSBURG	.01	.01		.01			.01		.01																.05
OATESVILLE 1 SW	.03	.05	.01	.02																					.11
RESSON 1 E SUMMIT										.01															.01
INGMANS FERRY		.01	.03	.32	.08	.12		.02	.15	.01	.01														.75
USHORE	.07	.03																							.10
AGLES MERE	.01	.01	.01					.01		.01	.02	.04		.01	.04	.01									.17
VERETT										.01															.01
ETTYSBURG 1 S	*	*	*	*	*	*	*	.55																	.55
LEN ROCK	*	*	*	*	*	*	*	.54																	.54
OOD SPRINGS 1 NW	.41	.01	.01	.01	.04	.01	.01	.02	.01	.01	.03	.04													.61
ARRISBURG 3 S WB AIRPORT	.05				.01	.05										.01									.12
AWLEY 1 S WALLEN DAM	.13	.08	.06	.01		.01	.01	.06	.02	.01		.01			.01										.41
OLLIDAYSBURG								.01						.01										.01	.03
OLTWOOD		.01			.15																				.16
ONESDALE 6 N TANNERS FALLS //	.03	.09	.11	.17	.01	.02		.02	.08	.05	.04	.03													.65
UNTSDALE	.02	.01		.01	.01	.06																			.12
ACKSON SUMMIT		.01																							.01
ANCASTER 2 NE FILTER PLANT	.21			.01	.02	.07		.01				.01													.33
AURELTON STATE VILLAGE	.01																								.01
EBANON 3 SW	.01	.01																							.02
EHIGHTON	.12	.29	.01	.01		.01	.16	.05	.07	.01															.73
EWISTOWN	.01	.01								.01		.01													.04
OCK HAVEN 2		.01		.01		.01			.01						.01										.05
EADOW RUN PONDS	.08	.16	.10	.03	.01		.27	.27	.17	.16	.02		.01	.02					.02						1.32
ERWINSBURG	.16	.14	.06	.09	.01		.18	.03	.01		.01	.02													.71
ILLVILLE	.11	.02																							.13
EFFS MILLS 4 NE	.01																								.01
ALMERTON	.01		.02	.10	.09	.11	.01	.03	.01	.02	.19	.07													.66
ARK PLACE 1 NW WB AIRPORT 6	*	*	*	*	*	*	*	.67	*	*	*	*	*	.20	*	*	*	*	*	.01					
HILADELPHIA WB AIRPORT	.31	.01		.01	.03	.03																			.39
HILADELPHIA POINT BREEZE	.38	.01			.04	.02																			.45
HILADELPHIA WB CITY	.26	.01			.04	.02																			.33
HILLIPSBURG 7 E AIRPORT	.01	.01																							.02
HOENIXVILLE 1 E PUMPING STATION	.18																								.18
IKES CREEK	.06	.09	.10	.01	.04					.03	.01	.01	.09	.02											.46
LEASANT MOUNT 1 W	.02	.10	.14	.10		.01	.06	.11	.13	.05	.20	.03	.09	.02	.03	.01									1.10
EADING WB CITY	.11	.01				.16	.13																		.41
ENOVO 6 S STATE CAMP			.01																						.01
AXTON						.01	.01																		.02
CRANTON WB CITY	.01	.09	.16	.01			.22	.14	.23	.15	.14	.04			.01										1.20
ELLERSVILLE 2 NW	.02	.03																							.05
HADE GAP		.01		.01						.01						.01				.02				.01	.07
OUTH CANAAN 1 E	.03	.10	.08	.14				.04	.07	.06	.07	.01		.01											.61
PRING GROVE	.02	.01		.01																					.04
TROUDSBURG	.05	.09	.01			.01		.01		.01		.01													.19
UNBURY						.02	.08	.01																	.11
UNBURY AIRPORT 2 N 6	*	.02	*	*	*	*	*	.05	*	*	*	*	*	.06											
AMAQUA 4 N STILL CREEK DAM	.18	.03	.01	.01	.27	.48	.12	.13	.07				.01	.01											1.32
OWANDA	.06																								.06
UNKHANNOCK 1 S	.04	.17	.05	.01			.02		.01		.01	.01	.07	.01	.01										.41
ILLIAMSPORT	.03																								.03
IND GAP 3 SW	.19	.16	.04	.14	.02	.01	.03	.03	.02										.01					.01	.66
ORK 2 S FILTER PLANT	.01		.01	.01																					.03
—5th—																									
LBION												.02	.02	.01				.01		.01		.01			.05
LAKESLEE CORNERS															.01										.04
ANTON 1 NW																								.01	.01
RESSON 1 E SUMMIT						.01		.01		.01		.01													.04
URWENSVILLE 6 NW AIRPORT 6																					*	*	*	.01	
RIE WB CITY													.04												.04
RIE AIRPORT 6									*	*	*	*	*	.05							*	*	*	*	
ETTYSBURG 1 S				.01	.01	.01	.02	.01	.01																.07
OLLIDAYSBURG			.01	.01		.01	.02																		.05
UNTSDALE																		.01						.01	.02
EADVILLE 1 S												.01	.02												.03
ARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.01	*	*	*	*	
HILADELPHIA WB AIRPORT						.01	.01																		.02
HILADLEPHIA WB CITY									.01																.01
HILLIPSBURG 7 E AIRPORT																						.01		.01	.02
HADE GAP		.01		.01				.01																	.03
IND GAP 3 SW	.01																								.01
—6th—																									
LBION					.05	.28	.05	.04					.01		.01								.01	.01	.46
LLENS MILLS								.08	.20	.12	.11	.09	.06	.01											.67
LLENTOWN-BETHLEHEM-EASTON WB AP									.01											.05	.03	.02	.37	.22	.70
USTINBURG 2 W									.03	.19	.15	.14	.13	.09	.02	.11	.03	.02							.91
VOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.01							*	*	*	*	*	.01	*	*	*	2.05	
LAIN											.01	.01	.01					.51	.08	.09	.05				.76
LAIRSVILLE 6 ENE 6			*	*	*	*	*	.01	*	*	*	*	*	.25	*	*	*	*	*	.10					
LAKESLEE CORNERS					.02	.04	.02	.02											.01	.06	.48	.42	.24	.25	1.56
OSWELL							.01	.01	.08	.03	.06	.03	.09	.10	.02	.05									.48
ROOKVILLE AIRPORT 6			*	*	*	*	*	.04	*	*	*	*	*	.61											
UCKSTOWN										.09	.12	.11	.03	.10	.14	.11	.01								.71
UTLER SUBSTATION						.09	.22	.08	.15	.01		.02	.01	.01											.59
ANTON 1 NW	.01	.01			.01		.01							.06	.18	.24	.32	.38	.27	.11	.01	.07	.01		1.69
ARTER CAMP								.01	.02	.28	.29	.21	.18	.08	.16	.10	.02	.05	.01						1.41
HAMBERSBURG																		.21	.11	.20	.10				.62
LARION 3 SW							.05	.22	.15	.22	.03		.01												.68
OALPORT									.02	.02	.29	.28	.10	.03	.19	.10									1.03
OATESVILLE 1 SW																			.01	.05	.01	.04	.27	.11	.49
ONFLUENCE 1 SW										.06	.04	.01	.03	.07	.02	.03									.26
ONNELLSVILLE 4 N							.03	.02	.02	.06	.10	.09	.04	.07	.05										.48
RESSON 1 E SUMMIT								.01	.01	.07	.16	.18	.26	.01	.16	.02	.09								.97
URWENSVILLE 6 NW AIRPORT									*	*	*	*	*	.50	*	*	*	*	*	.06					
INGMANS FERRY																				.01	.02		.36	.15	.54
RIFTWOOD							.03	.01	.17	.11	.20	.13	.11	.05	.09			.01	.01						.92
U BOIS 7 E									.07	.06	.23	.14	.09	.01	.02										.62

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4–Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DUNLO										.03	.11	.14	.23	.08	.07	.03	.08								.77
DUSHORE																		.70	.29	.26	.07	.16	.02	.03	1.53
EAGLES MERE																				.40	.39	.44	.15	.08	1.46
EMPORIUM							.01	.01	.19	.11	.10	.20	.18	.05	.08	.01	.01	.03							.98
ENGLISH CENTER											.01	.09	.35	.33	.02	.25	.24	.17	.04						1.50
ERIE WB CITY					.05	.32	.12	.01														.02	.02		.54
ERIE AIRPORT 6	*	.01	*	*	*	*	*	.48													*	*	*	*	
EVERETT								*	*	*	*	*	*	*	*	*	*	*	*	*					*
FORD CITY 4 S //								.15	.07	.10	.06	.08													.46
FRANKLIN						.12	.22	.06		.01															.41
GETTYSBURG 1 S																		.02	.77	.71	.48	.20	.02		2.20
GLEN ROCK																				.01	.03	.22	.13	.18	.57
GOOD SPRINGS 1 NW					.05	.01										.01		.03	.16	.91	.59	.33	.19	.10	2.38
GREENSBURG 2 E HGWY SHED							.02	.08	.02	.05	.03	.05	.04	.03											.32
HARRISBURG 3 S WB AIRPORT																				.67	.19	.15	.06	.03	1.10
HAWLEY 1 S WALLEN DAM																			.01	.02	.25	.13	.24	.20	.85
HEWITT 2 S												.12	.01	.17	.24	.21	.22	.01	.04						1.02
HOLLIDAYSBURG									.01	.01	.17	.09	.45	.05	.03	.20	.18	.01							1.20
HOLTWOOD							.01	.11	.02	.09	.05	.07									.05	.14	.33	.40	.92
HOME																					.04	.43	.18	.29	.35
HONESDALE 6 N TANNERS FALLS //																									.94
HUNTSDALE				.01																					.55
INDIANA 2 SE								.03	.03	.09	.10	.10	.02	.02	.05	.01									.45
JACKSON SUMMIT												.01	.18	.15	.25	.06	.36	.20	.08	.04					1.33
JAMESTOWN 2 NW		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
JOHNSTOWN 2									.01	.06	.10	.06	.02	.06	.11		.06								.48
KANE 5 SE					.03	.01	.25	.13	.20	.06		.01													.69
LANCASTER 2 NE FILTER PLANT																						.15	.25	.47	.87
LAURELTON STATE VILLAGE														.02	.04	.04	.82	.41	.30	.01	.06				1.70
LEBANON 3 SW																		.01		.18	.56	.26	.16	.05	1.22
LEHIGHTON					.01	.01														.03	.02	.44	.17	.16	.84
LEWISTOWN																	.49	.43	.26	.03	.07	.01	.01	.01	1.31
LOCK HAVEN 2											.01	.01	.26	.30	.14	.38	.24	.19	.02	.04					1.59
MARIENVILLE				.01		.02	.18	.18	.19	.07															.65
MARTINSBURG											.08	.08	.12	.03	.08	.07	.34	.07	.02	.01					.90
MARTINSBURG BLAIR CO AIRPORT 6									*	*	*	*	*	.37	*	*	*	*	*	.69					
MEADOW RUN PONDS																					.48	.25	.34	.32	1.39
MEADVILLE 1 S					.01	.17	.17	.04	.01																.40
MEDIX RUN							.01		.04	.09	.17	.16	.18	.06	.05	.01		.01							.78
MERCER HGWY SHED					.08	.23	.12	.05	.01														.01	.01	.51
MERWINSBURG																			.01	.03		.34	.15	.17	.70
MILLVILLE																		.02	.56	.42	.10	.20	.03	.02	1.35
MONROE FURNACE										.01	.01	.07	.17	.55	.13	.23	.29	.25	.01	.01	.01				1.74
MOUNT UNION 1 NW //								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MURRYSVILLE							.05	.08	.03	.11	.08														.35
NEFFS MILLS 4 NE												.10	.40	.08	.40	.12	.34	.17	.01	.01		.01		.01	1.65
NEW CASTLE 1 N					.01	.12	.19	.04	.03	.01											.02	.01			.43
PALMERTON										.01														.03	.04
PARKERS LANDING 1 E							.12	.20	.10	.16	.02	.01													.61
PARK PLACE 1 NW WB AIRPORT 6	*	*	*	*	*	*	*	.03							*	*	*	*	*	.03	*	*	*	*	
PHILADELPHIA WB AIRPORT																								.25	.25
PHILADELPHIA POINT BREEZE																								.05	.05
PHILADELPHIA WB CITY																								.08	.08
PHILLIPSBURG 7 E AIRPORT	.01	.01						.01	.04	.18	.20	.10	.24	.16	.05	.06	.08	.09		.01	.01		.49	.23	1.25
PHOENIXVILLE 1 E PUMPING STATION																			.02	*	*	*	*	*	.72
PIKES CREEK								.03																	*
PINE GROVE MILLS 1 S											.03	.29	.43	.04	.36	.18	.42	.15		.08					1.98
PITTSBURGH 7 SE WB AIRPORT //						.01	.09	.06	.07	.06	.07	.02													.38
PITTSBURGH WB CITY						.02	.08	.10	.06	.06	.06	.06		.01	.01										.46
PLEASANT MOUNT 1 W								.04	.08	.09	.18	.07	.07								.60	.29	.24	.18	1.31
PUNXSUTAWNEY 2								.11	.12	.13	.08	.10	.01												.53
PUTNEYVILLE 2 SE																									.55
RAYMOND							.01	.01	.08	.45	.26	.26	.22	.15	.06	.02	.01	.01							1.54
READING WB CITY																				.02	.03	.29	.17	.19	.70
RENOVO 6 S STATE CAMP									.01	.16	.15	.25	.23	.18	.09	.05	.04	.12	.01		.01				1.30
RIDGWAY							.01	.09	.11	.08	.11	.11	.06	.01											.58
ROCHESTER 1 N					.02	.08	.16	.02	.07	.02															.37
SAXTON											.14	.17	.05	.59	.12	.43	.15	.01	.01					.01	1.68
SCANDIA						.03	.04	.28	.12	.05	.01			.01		.01									.55
SCRANTON WB CITY																					.82	.46	.34	.19	1.81
SELLERSVILLE 2 NW																							.20	.10	.30
SHADE GAP																.43	.03	.64	.03	.07	.09			.01	1.30
SHEFFIELD 6 W CHERRY GROVE					.01	.01	.13	.22	.04	.08	.01														.50
SMETHPORT HGWY SHED							.07	.01	.17	.11	.14	.08	.11	.01											.70
SOUTH CANAAN 1 E																					.33	.29	.18	.27	1.07
SPRING GROVE																	.01	.02	.01	.01	.25	.15	.17	.06	.68
STATE COLLEGE										.02	.01	.09	.21	.30	.17	.43	.26	.32	.01	.01					1.83
STROUDSBURG																			.12	.06	.47	.22	.42	.24	1.53
SUNBURY																		.40	.30	.20	.20	.02	.07	.01	1.20
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.01							*	*	*	*	*	.71	*	*	*	.54	
TAMAQUA 4 N STILL CREEK DAM					.01	.06	.01												.05	.15	.70	.18	.25	.16	1.57
TIONESTA 2 SE DAM //							.09	.26	.05	.04	.01														.45
TITUSVILLE				.04		.21	.17	.03	.02																.47
TOWANDA															.08	.03	.40	.21	.14	.12	.02	.08	.02		1.10
TUNKHANNOCK 1 S								.05	.04	.05	.07	.02	.01	.02				.01	.02	.54	.36	.35	.15	.06	1.49
TUNNELTON //										.05	.15	.23	.11	.13	.07	.02	11	.03							.26
TYRONE 4 NE BALD EAGLE																									.90
UNION CITY 1 W	.02				.01	.19	.13	.03	.01																.39
VANDERGRIFT 2 W								.13	.16	.01	.02	.15	.03												.50
WASHINGTON					.02	.03	.13	.06	.10	.05	.04	.03								.01				.01	.48
WAYNESBURG 2 W						.01	.07	.01	.04	.07	.07	.03													.30
WEBSTER MILLS 3 SW															.02	.05	.17	.24	.11	.13	.04	.01			.77
WELLSBORO 2 E									.01	.02	.16	.12	.25	.23	.19	.35	.14	.03	.03						1.53
WILLIAMSPORT															.42	.40	.58	.40	.26	.03	.07	.03	.01		2.20
WIND GAP 3 SW																				.01	.06	.01	.26	.16	.50
YORK 2 S FILTER PLANT														*	*	*	*	*	*	*	*	*	*	*	*
YOUNGSVILLE					.01	.06	.22	.12	.01																.42
ALLENS MILLS		.01		.01	.01																				.03
ALLENTOWN BETHLEHEM EASTON WB AP	.16	.17	.08																						.41
AUSTINBURG 2 W							.01																		.01
AVOCA WILKES BARRE SCRANTON AP 6	*	.35	*	*	*	*	*	.17																	
BLAIN								.01		.01															.02
BLAIRSVILLE 6 ENE 6	*	*	*	*	*	*	*	.04																	
BLAKESLEE CORNERS	.06	.08	.10																						.24
BOSWELL			.02	.01																					.03
BROOKVILLE AIRPORT 6			*	*	*	*	*	.02																	
CANTON 1 NW									.01		.01														.02
CARTER CAMP						.01	.01																		.02
CLARION 3 SW	.01	.02	.01																						.04
COATESVILLE 1 SW	.15	.11	.02	.01																					.29
CONFLUENCE 1 SW			.02	.04	.02																				.08
CONNELLSVILLE 4 N			.02																						.02

–7th–

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A M Hour ending												P M Hour ending												
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.04																	
DINGMANS FERRY	.24	.17	.12	.05	.01																				.59
DU BOIS 7 E					.05																				.05
DUSHORE	.02																								.02
EAGLES MERE	.10	.02	.03	.01																					.16
ERIE WB CITY			.03																						.03
ERIE AIRPORT 6	*	.06	*	*	*	*	*	.04																	
FORD CITY 4 S									.04																.04
FRANKLIN	.01	.01	.01																						.03
GLEN ROCK	.08	.04	.02			.01																			.15
GOOD SPRINGS 1 NW	.05	.03																							.08
HARRISBURG 3 S WB AIRPORT		.01																							.01
HAWLEY 1 S WALLEN DAM	.13	.06	.08	.10		.01				.02															.40
HOLTWOOD	.23	.09																							.32
HOME			.04	.01																					.05
HONESDALE 6 N TANNERS FALLS //	.17	.03	.08	.07																					.35
JAMESTOWN 2 NW	*	*	*	*	*	*	*	.45																	.45
KANE 5 SE				.02																					.02
LANCASTER 2 NE FILTER PLANT	.30	.03	.01																						.34
LEBANON 3 SW	.01	.04																							.05
LEHIGHTON	.07	.12	.09																						.28
LEWISTOWN				.01	.01																				.02
MARIENVILLE			.02	.01																					.03
MEADOW RUN PONDS	.08	.05	.11	.02																					.26
MERCER HGWY SHED	.01	.01																							.02
MIDDLESBORO	.19	.16	.08	.04																					.47
MILAN	*	*	*	*	*	*	*	1.46																	1.46
MILLERSBURG 2 E	*	1.92																							1.92
MILLVILLE	.04	.01																							.05
MONTROSE	*	*	*	*	*	*	*	2.45																	2.45
MOUNT UNION 1 NW //	*	*	*	*	*	*	*	1.73																	1.73
MURRYSVILLE		.02																							.02
NEFFS MILLS 4 NE						.01		.01		.01															.03
PALMERTON		.33	.20	.21	.15	.19	.07	.02																	1.17
PARK PLACE 1 NW WB AIRPORT 6	*	*	*	*	*	*	*	1.71																	
PHILADELPHIA WB AIRPORT	.22	.54	.08	.06	.02																				.92
PHILADELPHIA POINT BREEZE	.33	.41	.13	.10																					.97
PHILADELPHIA WB CITY	.12	.37	.10	.09																					.68
PHOENIXVILLE 1 E PUMPING STATION	.28	.11	.09	.01																					.49
PIKES CREEK	*	*	*	*	*	*	*	1.85																	1.90
PINE GROVE MILLS 1 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PITTSBURGH 7 SE WB AIRPORT //		.02																							.02
PLEASANT MOUNT	.11	.02	.07	.06																					.26
PORT CLINTON	*	*	*	*	*	*	*	1.90																	1.90
PUNXSUTAWNEY 2			.01	.02	.01																				.04
PUTNEYVILLE 2 SE														.02	.01										.03
READING WB CITY	.20	.17	.03																						.40
RIDGWAY			.02																						.02
SCANDIA			.01	.03	.03																				.07
SCRANTON WB CITY	.08	.03	.07	.03																					.21
SELLERSVILLE 2 NW	.15	.08	.07																						.30
SHADE GAP								.02	.01	.01															.04
SHEFFIELD 6 W CHERRY GROVE				.04		.01																			.05
SOUTH CANAAN 1 E	.12	.03	.07	.06							.05														.33
SPRING GROVE	.01	.01																							.02
STROUDSBURG	.15	.04	.01																						.20
SUNBURY AIRPORT 2 N 6	*	.04	*	*	*	*	*	.01																	
TAMAQUA 4 N STILL CREEK DAM	.02	.10	.07																						.19
TIONESTA 2 SE DAM //		.02	.02																						.04
TOWANDA	.01							.01	.01																.03
TUNKHANNOCK 1 S	.07	.01	.05	.01					.02																.16
WASHINGTON	.01																								.01
WIND GAP 3 SW	.18	.21	.11	.04	.01																				.55
YORK 2 S FILTER PLANT	*	*	*	*	*	*	*	1.39																	1.39
YOUNGSVILLE	.03			.02																					.05
—8th—																									
BLAIN				.01	.01	.02	.01	.01	.01		.01														.08
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEFFS MILLS 4 N				.01		.01		.01		.01															.04
PIKES CREEK																			.01				.01	.02	
—9th—																									
ALLENS MILLS														.01				.01							.02
AUSTINBURG 2 W															*	*	*	*	*	.09	*	.01	*	.02	.03
AVOCA WILKES BARRE SCRANTON AP 6																								.01	
BLAIN													.01	.01	.01	.02	.01	.11	.05						.22
BLAIRSVILLE 6 ENE 6															*	*	*	*	.01						
BLAKESLEE CORNERS																.02	.01	.06	.02	.06	.03	.01	.01		.22
BOSWELL													.01	.05	.02										.08
BUCKSTOWN												.02	.01	.07	.07				.01	.01					.19
CANTON 1 NW																	.01	.01		.01			.01	.01	.05
CARTER CAMP																.01	.07	.02		.04	.05	.01			.20
CHAMBERSBURG												.07		.01			.07	.08	.05	.01					.29
COALPORT															.05	.01		.01							.07
CONFLUENCE 1 SW														.09	.09										.18
CRESSON 1 E SUMMIT															.02	.02		.01		.01				.01	.07
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.02					
DRIFTWOOD																.01	.01	.01	.02						.05
DU BOIS 7 E															.01	.01				.01		.02		.02	.07
DUNLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUSHORE														*	*	*	*	*	*	*	*	*	*	*	*
EAGLES MERE																						.09	.10	.01	.20
ENGLISH CENTER																.02	.02	.03			.01				.08
EVERETT								*	*	*	*	*	*	*	*	*	*	*	*	1.59					1.59
FRANKLIN																			.01	.01		.01	.01		.04
GETTYSBURG 1 S										.01	.01		.03	.05	.03	.08	.07	.03	.03						.34
GLEN ROCK																	.01	.03	.01	.01					.06
GOOD SPRINGS 1 NW														.02	.04	.11	.03	.07	.09	.02		.03			.41
HARRISBURG 3 S WB AIRPORT														.09	.08	.06	.03	.04	.07	.01					.38
HAWLEY 1 S WALLEN DAM																.01	.02	.02	.01	.02	.01				.10
HEWITT 2 S										.02	.08	.03	.06	.03	.01										.23
HOLLIDAYSBURG															.03	.10	.02	.01							.16
HOME															.01	.01									.02
HONESDALE 6 N TANNERS FALLS //																		.03	.13	.09	.03	.04		.01	.33
HUNTSDALE											.01	.03	.01	.01	.02	.01	.08	.04	.01	.01			.01		.24
INDIANA 2 SE															.01	.01									.02
JACKSON SUMMIT																		.02	.05						.07
LAURELTON STATE VILLAGE															.01	.01	.01	.02							.05
LEBANON 3 SW													.01		.01	.07	.04	.01	.01						.15
LEHIGHTON													.01				.01	.09		.02				.01	.14

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LEWISTOWN														.05	.01	.01	.01							.01	.09
LOCK HAVEN 2																.01	.02	.04	.01	.02					.10
MARTINSBURG													.01	.02	.01	.07	.05	.01	.01	.01	.01				.20
MARTINSBURG BLAIR CO AIRPORT 6								*					*	.04	*	*	*	*	*	.15					
MEADOW RUN PONDS																.02	.02	.03	.05	.01	.01	.01			.15
MERWINSBURG																					.05				.05
MILLERSBURG 2 E															.01	.02	.02	.10	.12	.01	.03				.31
MILLVILLE																	.01		.10	.16	.01	.01	.01		.30
MONROE FURNACE														.01	.04	.04	.02	.04						.01	.16
MOUNT UNION 1 NW //								*	*	*	*	*	*	*	*	*	*	*	*	*					*
NEFFS MILLS 4 NE								.01	.01	.01		.01		.01	.01	.03	.05	.02							.16
PALMERTON																						.02			.02
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.15	*	*	*	*	
PITTSBURGH 7 SE WB AIRPORT //														.01	.02	.05	.04	.01		.01		.01			.15
PIKES CREEK		.01			.01			.01								.01	.01	.02	.07	.22	.11		.01		.48
PINE GROVE MILLS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLEASANT MOUNT 1 W																		.01	.02	.02	.03	.01	.01		.10
RAYMOND																.01	.01		.01						.03
READING WB CITY																	.01								.01
RENOVO 6 S STATE CAMP												.03	.05	.01	.01	.12	.16	.02	.01	.01				.01	.33
SAXTON																.01	.01		.01		.01		.01	.01	.16
SCRANTON WB CITY																		.05	.05	.01					.11
SHADE GAP										.01		.01	.01	.04	.01			.01	.01						.10
SOUTH CANAAN 1 E																			.02	.13	.04				.19
SPRING GROVE												.01	.03		.03	.05	.10		.02			.01			.25
STATE COLLEGE															.02	.04	.02	.03							.11
STROUDSBURG															.01				.01	.07	.02				.11
SUNBURY															.01	.07	.01	.10	.15	.04	.01	.01			.40
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.34	*	*	*	.05	
TAMAQUA 4 N STILL CREEK DAM															.01	.08	.01	.08	.04	.06		.02			.30
TOWANDA																				.04	.02		.01		.07
TUNKHANNOCK 1 S																		.01	.04	.15	.10	.02	.01	.02	.35
TYRONE 4 NE BALD EAGLE													.01	.01	.12	.05	.04	.01	.01						.25
WASHINGTON																		.01	.02	.01	.01				.05
WEBSTER MILLS 3 SW											.01	.01	.02	.01											.05
WELLSBORO 2 E																	.04	.03	.04	.01	.01				.13
WILLIAMSPORT																	.01	.01		.01					.03
WIND GAP 3 SW																			.01	.03					.04
YORK 2 S FILTER PLANT								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

—10th—

ALBION					.04	.06	.02	.02	.01	.05	.07	.07	.07	.03											.44
ALLENS MILLS		.01		.01	.02	.01	.01	.02	.09	.03	.03	.02	.01	.01	.01										.28
ALLENTOWN BETHLEHEM EASTON WB AP												.20	.09												.29
AUSTINBURG 2 W											.06	.06	.04	.01	.04	.04	.08	.03	.01						.37
BLAIN		.01		.02		.01		.01							.01	.02		.04	.01	.02					.15
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.31	*	*	*	*	*	.10					
BOSWELL									.03	.06	.01	.07	.03	.05	.06	.03									.34
BROOKVILLE AIRPORT 6	*	*	*	*	*	*	*	.02	*	*	*	*	*	.24	*	*	*	*	*	.02					
BUCKSTOWN												.01	.05	.02	.02	.01									.11
BUTLER SUBSTATION						.01	.05	.01	.03	.03	.04	.06	.03	.01		.01									.28
CANTON 1 NW	.01									.01			.01	.01		.01	.06	.10	.03	.05				.01	.30
CARTER CAMP								.01		.01	.08	.03		.01	.02	.08	.06	.01							.31
CHAMBERSBURG																.01			.02	.02	.02				.07
CLARION 3 SW								.05	.06	.04		.03	.04	.03	.01	.01									.27
COALPORT								.01		.02	.04	.03	*	*	*	*	*	*	*	*					*
COATESVILLE 1 SW											.02	.11													.13
CONFLUENCE 1 SW	.02																								.02
CONNELLSVILLE 4 N									.02	.03	.02	.02	.03	.02	.01										.15
CRESSON 1 E SUMMIT								.01			.01	.01	.04	.04	.02	.05	.01		.01						.20
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.03	*	*	*	*	*	.29	*	*	*	*	*	.09					
DINGMANS FERRY											.04	.06	.24	.15	.04	.01	.01								.55
DRIFTWOOD									.01	.05	.10	.01	.02	.02	.07	.09	.03								.40
DU BOIS 7 E							.01	.01	.08	.08	.03	.01		.01	.01	.01									.25
DUNLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUSHORE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40					.40
EAGLES MERE														.02	.01			.01	.03	.02	.08	.10			.27
EMPORIUM								.03	.04	.09	.11	.03	.02	.04	.07	.06	.01								.50
ENGLISH CENTER															.01	.12	.10	.06	.01						.30
ERIE WB CITY				.03	.17	.07	.06	.02	.03	.06	.06	.08	.05	.02	.01										.66
ERIE AIRPORT 6			*	*	*	*	*	.19	*	*	*	*	*	.26	*	*	*	*	*	.02	*	*	*	*	
EVERETT										.01	.01		.03	.03	.01			.04	.01	.01					.06
FORD CITY 4 S //																									.09
FRANKLIN					.01	.03	.06	.04	.02	.03	.03	.05	.05	.02											.34
GETTYSBURG 1 S																						.04	.03		.07
GLEN ROCK																						.01	.01		.02
GOOD SPRINGS 1 NW			.01	.01	.02	.02	.01	.01	.01																.09
GREENSBURG 2 E HGWY SHED	.01	.01						.01	.04	.02	.01				.02										.12
HAWLEY 1 S WALLEN DAM																.01	.02	.02	.02	.01	.01	.01		.01	.01
HOLLIDAYSBURG									.08	.02	.07		.02	.01	.02	.01									.11
HOME															.01	.01	.02	.05	.01	.01	.03				.23
HUNTSDALE				.01		.01		.01																	.17
INDIANA 2 SE								.01	.09	.01		.02	.04	.02	.02										.21
JACKSON SUMMIT												.03	.03	.03	.01	.02	.11	.07	.05	.02					.37
JAMESTOWN 2 NW								.02	.02	.02	.04	.07	.02	.01											.20
JOHNSTOWN 2									.01	.01	.01					.02									.05
KANE 5 SE								.03	.07	.10	.08	.02		.01	.07	.02									.40
LAURELTON STATE VILLAGE																		02	.08	.02	.01	.01			.14
LEWISTOWN																	.01	.01	.02	.02	.01	.02			.11
LOCK HAVEN 2						.01			.01								.01	.04	.08	.01					.14
MARIENVILLE						.03	.04	.03	.03	.01	.02	.02	.02	.02	.02	.02	.01								.25
MARTINSBURG		.01										.01	.01	.02	.02	.04	.01	.02	.02						.16
MARTINSBURG BLAIR CO AIRPORT 6									*	*	*	*	*	.01	*	*	*	*	*	.14					
MEADVILLE 1 S					.03	.01	.02	.06	.02	.04	.05	.08	.05	.04											.40
MEDIX RUN								.02	.04	.13	.10	.01	.02	.01	.03	.04	.01	.01							.42
MERCER HGWY SHED					.06	.01	.07	.03	.05	.03	.03	.05	.02	.01	.01	.02								.02	.41
MILAN								.02	.07	.04	.04				.01		.01	.01		*	*	*	*	.14	.34
MILLERSBURG 2 E								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE		.01																		.05	.06	.01			.13
MONROE FURNACE												.04	.03	.06	.05	.07	.01	.01							.27
MOUNT UNION 1 NW //								*	*	*	*	*	*	*	*	*	*	*	*	.40					.40
MURRYSVILLE										.02	.03	.02	.05	.01	.01										.14
NEFFS MILLS 4 NE												.01	.01	.01	.01	.03	.03	.03	.02				.01	.01	.17
NEW CASTLE 1 N					.03	.04	.02	.01	.02	.04	.04	.06	.03	.02	.01										.32
PALMERTON	.04						.01	.02	.06	.01		.01	.08	.01		.01									.04
PARKERS LANDING 1 E							*	.12														.01	*	*	.21
PARK PLACE 1 NW WB AIRPORT 6	*	*	*	*	*	*			.03	.10	.03	.01	.01		.06										.24
PHILADELPHIA WB AIRPORT										.17	.03	.02	.02	.01	.05										.30
PHILADELPHIA POINT BREEZE										.15	.04	.03	.05		.04										.31
PHILADELPHIA WB CITY											.06	.07	.03	.07	.10	.06	.06	.05							.50
PHILLIPSBURG 7 E AIRPORT									.03	.04	.01														.08
PHOENIXVILLE 1 E PUMPING STATION																						.02	.01		.03
PIKES CREEK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PINE GROVE MILLS																									

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A M Hour ending												P M. Hour ending											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
PITTSBURGH 7 SE WB AIRPORT //							.01	.01	.03	.01	.01	.04	.03	.02	.01									
PITTSBURGH WB CITY						.01	.02	.02	.03	.03	.03	.07	.04	.02										
PORT CLINTON																							.02	.07
PUNXSUTAWNEY 2							.01	.01	.05	.05		.01	.05	.02	.01									
PUTNEYVILLE 2 SE									.04	.07	.01	.04	.04	.01	.01									
RAYMOND							.03	.05	.07	.10	.06	.08	.06	.12	.11	.07	.02	.01						
RENOVO 6 S STATE CAMP		.02	.01								.01	.02		.02	.05	.06	.07	.02	.02	.01				
RIDGWAY								.02	.15	.08	.02	.01	.03	.06	.02	.01								
ROCHESTER 1 N					.01	.02	.01	.05	.03	.01	.07	.03	.02	.03	.02									
SAXTON		.01	.01	.01								.01	.01	.01	.02	.07	.01							
SCANDIA							.04	.11	.07	.08	.04	.02	.06	.08	.04	.01	.01	.02						
SELLERSVILLE 2 NW										.02	.07	.01	.01	.02	.02	.01	.01	.01						
SHADE GAP											.01			.01		.01		.01	.01	.01	.01			
SHEFFIELD 6 W CHERRY GROVE							.12	.07	.03	.08	.01	.05	.06	.08										
SMETHPORT HGWY SHED								.01	.06	.15	.02	.01	.04	.03	.03	.02								
SPRING GROVE																				.01	.01	.01	.01	.01
STATE COLLEGE													.04	.01	.04	.05	.08	.05	.02					
STROUDSBURG											.02	.26	.06	.03										
SUNBURY																		.02	.07	.01	.01		.01	.02
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.11	*	*	*	.06
TAMAQUA 4 N STILL CREEK DAM																							.01	.01
TIONESTA 2 SE DAM //		.01	.01				.05	.03	.03	.03	.01	.06	.08	.05	.02	.01								
TITUSVILLE						.03	.02	.08	.05	.02	.02	.03	.10		.04	.03								
TOWANDA		.01	.01												.03	.04	.01	.04	.07	.01				
TUNKHANNOCK 1 S																				.01	.01	.01		
TUNNELTON //			.03							.02	.02	.01	.03	.02	.01									
TYRONE 4 NE BALD EAGLE								.01		.02					.04	.04	.03	.01						
UNION CITY 1 W					.01	.03	.06	.04	.02	.03	.03	.03	.06	.02	.01									
VANDERGRIFT 2 W									.01	.05	.03	.01	.02		.01	.01								
WASHINGTON						.01	.01	.01	.01	.01	.07	.03	.06	.01										
WAYNESBURG 2 W				.02		.01	.04		.03	.05	.01	.02	.01	.01										
WEBSTER MILLS 3 SW														.02	.01		.02	.03	.01					
WELLSBORO 2 E													.01	.04	.02	.03	.11	.06	.02	.01				
WILLIAMSPORT		.01		.01		.01		.01						.01	.02	.03	.09	.10	.09	-	-	-	-	-
WIND GAP 3 SW												.15	.12	.04	.02									
YOUNGSVILLE							.05	.03	.06	.01		.02	.08	.05	.02	.02	.01							
—11th—																								
ALLENTOWN BETHLEHEM EASTON WB AP	.01																							
BLAIN				.01		.01		.01																
CANTON 1 NW										.01														
EAGLES MERE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ENGLISH CENTER										.01	.01													
ERIE AIRPORT 6	*	.01																						
EVERETT													-	-	-	-	-	-	-	-	-	-	-	-
HOLLIDAYSBURG									.01									.01						
HUNTSDALE									.01															
JACKSON SUMMIT										.01	.01													
MERCER HGWY SHED	.01		.01	.01				.01	.01															
MILLERSBURG 2 E	.14																							
MONROE FURNACE														.01				.01		.01				
NEFFS MILLS 4 NE		.01																						
PARK PLACE 1 NW WB AIRPORT 6	*	*	*	*	*	*	*	.02																
PORT CLINTON	.01											.09												
YORK 2 S FILTER PLANT	*	.62																						
—12th—																								
ALLENTOWN BETHLEHEM EASTON WB AP																							.01	.01
BLAKESLEE CORNERS																							.01	.01
CHAMBERSBURG																						.02		.02
COATESVILLE 1 SW												.02										.01	.04	.07
DINGMANS FERRY																						.01	.02	.03
GETTYSBURG 1 S																					.01	.10		.11
GLEN ROCK																						.01	.08	.09
HARRISBURG 3 S WB AIRPORT																							.03	.03
HOLLIDAYSBURG			.01			.01	.01	.01			.01													.05
HOLTWOOD																							.02	.02
LANCASTER 2 NE FILTER PLANT																						.01	.02	.03
LEBANON 3 SW																					.01	.03	.04	.08
LEHIGHTON																					.01	.01	.06	.08
MERCER HGWY SHED																							.01	.01
MERWINSBURG																						.02	.06	.08
READING WB CITY																							.01	.01
SPRING GROVE																					.02	.05	.06	.13
STROUDSBURG																						.03	.05	.08
UNION CITY 1 W																							.01	.01
WIND GAP 3 SW																							.02	.02
YORK 2 S FILTER PLANT																				*	*	*	*	*
—13th—																								
ALBION			.02	.05	.02	.02	.01	.02	.12	.01	.04			.01										
ALLENS MILLS						.02	.03	.03	.01	.04	.05	.01							.02	.02				
ALLENTOWN BETHLEHEM EASTON WB AP	.04		.02	.02										.03										
AVOCA WILKES BARRE SCRANTON AP 6									*	*	*	*	*	.02										
BLAIN										.01	.01	.03												
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.01	*	*	*	*	*	.11										
BLAKESLEE CORNERS		.01						.01	.01			.01	.02	.01										
BOSWELL						.02	.02	.02	.01	.01	.03		.05	.06	.02									
BROOKVILLE AIRPORT 6			*	*	*	*	*	.08	*	*	*	*	*	.07	*	*	*	*	*	.08				
BUCKSTOWN		.01		.01	.02	.02	.01	.02		.02	.03	.01	.04	.03	.01									
BUTLER SUBSTATION	*	*	*	*	*	*	*	*	*	*	*	*	*	.10										
CANTON 1 NW														.04										
CARTER CAMP								.01		.01	.03	.01	.03											
CHAMBERSBURG			.01									.01	.01											
CLARION 3 SW		.03	.02		.06	.07	.03		.02	.05										.03				
COALPORT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.17	
COATESVILLE 1 SW	.03	.04	.02	.02	.01	.01																		
CONFLUENCE 1 SW					.04	.03	.06	.02	.01	.01	.07		.01	.02										
CONNELLSVILLE 4 N						.01		.01	.01	.01	.01		.01			.01								
CRESSON 1 E SUMMIT						.02		.01	.01		.04			.01										
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.03	*	*	*	*	*	.04	*	*	*	*	*	.01	*	*	*	.06
DINGMANS FERRY	.02																							
DRIFTWOOD								.01		.01	.02						.06		.02	.04	.01			
DU BOIS 7 E							.01	.01	.01	.02	.02						.03		.09	.01				
DUNLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPORIUM							.02						.02	.02				.02	.01	.01	.01			
ERIE WB CITY			.08	.09	.01	.01		.04	.11	.03								.02						
ERIE AIRPORT 6			*	*	*	*	*	.15	*	*	*	*	*	.18	*	*	*	*	*	.03				
FORD CITY 4 S //									.01	.04														
FRANKLIN	.02	.03	.01	.03	.03	.01	.01	.03	.05	.01								.07						
GETTYSBURG 1 S												.02	.04											
GLEN ROCK	.02	.02		.02						.01	.01													

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4–Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GOOD SPRINGS 1 NW												.03													.03
GREENSBURG 2 E HGWY SHED		*	*	*	*	*	*	*	*	*	*	*	*	.13											.13
HARRISBURG 3 S WB AIRPORT			.01	.01									.02												.04
HOLLIDAYSBURG						.01			.01		.05														.07
HOLTWOOD	.03	.04	.03	.01	.02									.01											.14
HOME							.01	.01	.02	.01	.03	.01													.09
INDIANA 2 SE					.01	.02	.01	.02	.04	.16	.01														.27
JAMESTOWN 2 NW			.07	.01	.01		.01	.03	.05	.01	.01							.02							.22
JOHNSTOWN 2					.02	.01	.03	.01	.01	.01	.05	.06		.02	.02										.24
KANE 5 SE		.01	.03	.01	.07	.08		.02	.05	.03							.01	.02	.01	.04					.38
LANCASTER 2 NE FILTER PLANT	.09	.06	.01	.01		.01	.01	.01	.02		.02								.02	.01					.24
LAURELTON STATE VILLAGE																									.03
LEBANON 3 SW			.01			.01		.01																	.03
LEHIGHTON	.02																								.02
LEWISTOWN								.01		.01		.01													.03
LOCK HAVEN 2																	.01	.02							.03
MARIENVILLE		.02	.03	.01	.20	.02	.02	.05	.10	.02						.09	.01								.57
MARTINSBURG									.01	.01		.04	.04		.01										.11
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.01	*	*	*	*	*	.11	*	*	*	*	*	.02					.17
MEADOW RUN PONDS									.02	.02			.01	.12											.14
MEADVILLE 1 S				.05	.04	.01	.01	.01									.01	.01							.13
MEDIX RUN							.02	.01		.01	.03						.01	.04	.01						.13
MERCER HGWY SHED	.01	.01	.04	.05			.01	.01																	.07
MERWINSBURG	.04	.01												.02											.03
MILLVILLE													.03												.03
MONROE FURNACE											.06	.01	.01												.08
MURRYSVILLE								.01		.09															.10
NEFFS MILLS 4 NE											.17	.01	.01												.19
NEW CASTLE 1 N	.01	.03	.03	.03			.01	.01	.02	.01															.15
PALMERTON			.01	.06	.04																				.11
PARKERS LANDING 1 E		.01	.01	.01	.08	.07	.01	.01	.01	.01	.02														.24
PARK PLACE 1 NW WB AIRPORT 6									*	*	*	*	*	.01											.13
PHILADELPHIA WB AIRPORT			.02	.01	.03	.01	.01	.02	.01						.02										.12
PHILADELPHIA POINT BREEZE			.01	.01	.01	.01	.02	.03	.03																.14
PHILADELPHIA WB CITY			.01	.01	.02	.01	.02	.03	.02						.02										.17
PHILLIPSBURG 7 E AIRPORT						.01		.01	.01	.01	.05	.01						.01	.01	.01	.03	.01			.10
PHOENIXVILLE 1 E PUMPING STATION	.01	.04	.04	.01				.01	.01			.01	.05	.01											.09
PIKES CREEK											.04	.01													.05
PINE GROVE MILLS 1 S						.01		.02		.09			.06												.18
PITTSBURGH 7 SE WB AIRPORT //										.01															.10
PITTSBURGH WB CITY					.02		.02	.01	.04	.01	.04	.01													.06
PUNXSUTAWNEY 2										.01															.07
PUTNEYVILLE 2 SE					.02	.01			.01	.03							.02	.01		.03			.03	.01	.15
RAYMOND						.01	.03			.01															.09
READING WB CITY	.05	.02	.01					*	*	*	*	*	*	.01	*	*	*	*	*	*	*	*	*	.13	.13
RENOVO 6 S STATE CAMP																									.21
RIDGWAY					.01	.02	.04	.01	.01	.02							.01	.07		.01	.01				.09
ROCHESTER 1 N				.01	.02	.01		.01	.01	.01	.02														.09
SAXTON											.01		.07		.01										.39
SCANDIA		.01	.03	.03	.13	.02		.02	.05	.10															.13
SELLERSVILLE 2 NW		.05		.04		.01						.01	.01	.01											.03
SHADE GAP															.02	.01				.08					.47
SHEFFIELD 6 W CHERRY GROVE		.02	.04	.03	.09	.02	.02	.06	.07	.03	.01														.31
SMETHPORT HGWY SHED					.02	.09	.03	.01	.01	.04	.02	.05					.01	.01		.01		.01			.04
SOUTH CANAAN 1 E											.01	.01			.01	.01									.09
SPRING GROVE	.03			.01			.01	.01					.02	.01											.02
STATE COLLEGE											.01	.01													.07
STROUDSBURG	.05	.01		.01																					
SUNBURY AIRPORT 2 N 6													*	*	*	*	*	*	*	.01					.03
TAMAQUA 4 N STILL CREEK DAM								.02	.01																.37
TIONESTA 2 SE DAM //		.01	.02	.01	.07	.02		.03	.08	.02	.01					.01	.04	.02	.01	.01	.01				.50
TITUSVILLE	.02	.04	.01	.13		.02	.02	.03	.09	.01	.03				.03	.07									.01
TUNKHANNOCK 1 S															.01										.07
TUNNELTON //										.05	.02														.13
TYRONE 4 NE BALD EAGLE								.02		.05	.04											.02			.29
UNION CITY 1 W		.01	.02	.03	.03	.02	.01	.03	.07	.01							.05	.01							.12
VANDERGRIFT 2 W									.01	.10	.01														.22
WASHINGTON				.01	.03	.01	.01	.01	.01	.06		.03		.05											.26
WAYNESBURG 2 W							.01	.01		.12	.01	.06	.03	.01	.01										.08
WILLIAMSPORT								*									*	.08							.13
WIND GAP 3 SW	.05	.06	.02																						.21
YORK 2 S FILTER PLANT	*	*	*	*	*	*	*	*	*	*	*	*	*	.21											.44
YOUNGSVILLE		.01	.01	.01	.10	.01	.01	.01	.06	.05	.02	.03			.01		.04	.06		.01					
–14th–																									
ERIE AIRPORT 6																					*	*	*	*	
SCANDIA			.02	.02						.02	.02	.04	.02												.14
UNION CITY 1 W																						.01			.01
YOUNGSVILLE										.01										.01				.01	.03
–15th–																									
ALBION							.01	.02	.04	.02	.03	.03	.03	.01											.19
CONNELLSVILLE 4 N												.01		.01			.01								.03
EMPORIUM						.01	.01	.03	.03																.08
ERIE WB CITY								.04	.01																.05
ERIE AIRPORT 6	*	.04							*	*	*	*	*	.18											
JACKSON SUMMIT								.01				.03													.04
KANE 5 SE					.01	.01	.01																		.03
MEADVILLE 1 S			.02																						.02
MILLERSBURG 2 E			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NEFFS MILLS 4 NE		.01		.01		.01																			.03
PORT CLINTON	-	-	-	-	-	-	-	-																	-
SCANDIA			.02	.02	.04						.03		.01		.01										.13
SHEFFIELD 6 W CHERRY GROVE						.01	.01			.01	.01	.01													.05
SMETHPORT HGWY SHED				.01		.01		.02		.01		.04		.01											.10
TITUSVILLE	.01	.01	.01																						.03
UNION CITY 1 W	.02	.01		.01	.01						.01	.02		.01		.01									.10
WELLSBORO 2 E																	.02	.01		.01					.04
YOUNGSVILLE		.01	.01		.01	.01			.01																.05
–16th–																									
ALBION																							.01		.01
BLAIRSVILLE 6 ENE 6																					*	*	*	.12	
BOSWELL																					.01	.02	.04	.07	
BROOKVILLE AIRPORT 6																					*	*	*	.06	
BUCKSTOWN																							.06	.08	.14
BUTLER SUBSTATION																						.01	.01	.03	.05
CLARION 3 SW																							.03	.05	.08
COATESVILLE 1 SW																							.01	.01	.02
CONFLUENCE 1 SW																							.02	.08	.10
CRESSON 1 E SUMMIT																							.01	.10	.11
CURWENSVILLE AIRPORT 6																					*	*	*	.09	

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DRIFTWOOD																				*	*	*	*	*	*
DU BOIS 7 E																			.01				.01	.11	.13
DUNLO																								.02	.02
ERIE WB CITY																							.01		.01
FORD CITY 4 S //																							.07	.03	.10
GOOD SPRINGS 1 NW																							.01	.01	.02
GREENSBURG 2 E HGWY SHED																						.02	.05	.03	.10
HEWITT 2 S																								.03	.03
HOLLIDAYSBURG																								.01	.01
HOME																							.01	.11	.12
INDIANA 2 SE																							.08	.10	.18
JAMESTOWN 2 NW																				*	*	*	*	*	*
JOHNSTOWN 2																							.06	.04	.10
KANE 5 SE																						.01	.04	.05	.10
LEBANON 3 SW																				.01				.01	.02
LEHIGHTON																						.01			.01
LEWISTOWN																		.01				.01		.01	.03
LOCK HAVEN 2																								.01	.01
MARIENVILLE																							.03	.06	.09
MARTINSBURG																								.05	.05
MARTINSBURG BLAIR CO AIRPORT 6																					*	*	*	.01	
MEDIX RUN																								.05	.05
MOUNT UNION 1 NW //																				*	*	*	*	*	*
MURRYSVILLE																							.05		.05
PARKERS LANDING 1 E																							.04	.02	.06
PARK PLACE 1 NW WB AIRPORT																					*	*	*	*	*
PHILLIPSBURG 7 E AIRPORT																							.01	.04	.05
PIKES CREEK																		.01		.01		.01			.03
PITTSBURGH WB CITY																						.01			.01
PUNXSUTAWNEY 2																							.01	.08	.09
PUTNEYVILLE 2 SE																							.04	.08	.12
RIDGWAY																								.04	.04
SAXTON																								.08	.08
SCANDIA																								.03	.03
SHEFFIELD 6 W CHERRY GROVE																								.04	.04
SMETHPORT HGWY SHED																							.01	.09	.10
STROUDSBURG																	.01	.01		.01		.01			.04
TIONESTA 2 SE DAM //																							.01	.02	.03
TITUSVILLE																								.05	.05
TUNNELTON //																							.03	.07	.10
TYRONE 4 NE BALD EAGLE																								.01	.01
VANDERGRIFT 2 W																				*	*	*	*	*	*
YOUNGSVILLE																								.02	.02
ALBION	.02	.01	.01			.01	.04	.07																	.04
ALLENTOWN BETHLEHEM EASTON WB AP																									.12
AUSTINBURG 2 W				.01				.01																	.02
AVOCA WILKES BARRE SCRANTON AP 6			*	*	*	*	*	.04																	
BLAIN	.04	.08	.03	.01																					.16
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.01																	
BLAKESLEE CORNERS			.01	.03	.07	.01																			.12
BOSWELL	.01		.01	.01	.01																				.04
BROOKVILLE AIRPORT 6	*	.04	*	*	*	*	*	.08																	
BUCKSTOWN				.01	.01	.01																			.03
BUTLER SUBSTATION	.01	.01	.02	.01																					.05
CANTON 1 NW			.01	.03	.01		.03		.01	.02															.11
CARTER CAMP	.12	.07	.03		.03	.03	.01																		.29
CHAMBERSBURG	.02	.07	.01																						.10
CLARION 3 SW			.04	.02																					.06
COALPORT	.13	.01	.01	.01	.03			.01	.01																.21
COATESVILLE 1 SW	.01	.02	.03	.03																					.09
CRESSON 1 E SUMMIT	.01		.01	.06	.02																				.10
CURWENSVILLE 6 NW AIRPORT 6	*	.11	*	*	*	*	*	.03																	
DINGMANS FERRY			.01	.04	.02	.01																			.08
DU BOIS 7 E	.06	.01	.01	.01	.02																				.11
DUNLO	.12	.02		.01	.02	.05	.01																		.23
DUSHORE		*	*	*	*	*	*	.12																	.12
EMPORIUM	.17	.04	.02	.02	.01	.03																			.29
ENGLISH CENTER	.01	.10	.04	.01	.01																				.17
ERIE WB CITY	.01																								.01
ERIE AIRPORT 6	*	.04																							
EVERETT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									-
FORD CITY 4 S //		.01	.03	.01																					.05
GETTYSBURG 1 S		.01	.04	.05																					.10
GLEN ROCK		.01	.02	.01	.01																				.05
GOOD SPRINGS 1 NW		.01	.03	.08	.03	.02																			.17
HARRISBURG 3 S WB AIRPORT		.03	.11	.03	.01																				.18
HAWLEY 1 S WALLEN DAM				.01		.01		.01																	.03
HEWITT 2 S	.02																								.02
HOLLIDAYSBURG	.11	.01	.01		.01	.01																			.15
HOLTWOOD				.01	.02	.01																			.04
HOME		.01	.01	.03	.01	.01																			.07
HUNTSDALE	.02	.08	.01																						.11
JACKSON SUMMIT												.07						.01		.01					.09
JAMESTOWN 2 NW		.03																							.03
JOHNSTOWN 2				.03	.01																				.04
KANE 5 SE	.02	.03	.01	.04																					.10
LANCASTER 2 NE FILTER PLANT		.02	.03	.01	.03	.03																			.12
LEBANON 3 SW		.07	.04	.06	.01																				.18
LEHIGHTON			.01	.06	.02	.07	.03																		.19
LEWISTOWN	.11	.15	.07	.03	.01	.01	.01	.01	.01											.01				.01	.43
LOCK HAVEN 2	.02	.07	.03			.01		.01																	.14
MARIENVILLE	.01		.01																						.02
MARTINSBURG	.12	.01	.01	.02		.01	.01																		.18
MARTINSBURG BLAIR CO AIRPORT 6	*	.20	*	*	*	*	*	.06																	
MEADOW RUN PONDS		.01	.01	.06	.07	.10	.01	.01	.02																.29
MEADVILLE 1 S	.02	.01																							.03
MEDIX RUN	.12	.01	.01	.01	.10	.02																			.27
MERWINSBURG				.04	.04	.05																			.13
MILLVILLE			.06	.01	.04			.01																	.12
MONROE FURNACE	.23	.06	.07	.01	.01	.01		.01																	.40
MURRYSVILLE		.01	.01	.01																					.03
NEFFS MILLS 4 NE	.05	.09	.07	.01	.01	.01																			.24
PALMERTON							.02	.05	.05	.03	.02														.17
PARKERS LANDING 1 E	.01		.06	.02																					.09
PARK PLACE 1 NW WB AIRPORT 6	*	*	*	*	*	*	*	.19																	
PHILADELPHIA WB AIRPORT				.02	.04	.03	.03																		.12
PHILADELPHIA POINT BREEZE				.02	.03	.02	.04	.01																	.12
PHILADELPHIA WB CITY				.02	.03	.02	.04	.01																	.12
PHILLIPSBURG 7 E AIRPORT	.20	.01		.01		.01		.01	.01																.25
PHOENIXVILLE 1 E PUMPING STATION				.08	.01	.01	.01	.01																	.12
PIKES CREEK			.02	.05	.06	.05	.01				.01						.01	.01		.01				.01	.24
PINE GROVE MILLS 1 S	.13	.05	.03	.01		.02																			.24

—17th—

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PITTSBURGH WB CITY					.01																				.01
PLEASANT MOUNT				.01	.01	.07	.01																		.10
PORT CLINTON	.01	.07	.03	.08	.02																				.21
PUNXSUTAWNEY 2	.03			.03	.02	.02																			.10
PUTNEYVILLE 2 SE		.01	.02	.07	.02																				.12
RAYMOND			.10	.02		.01		.01		.01	.01	.01													.17
READING WB CITY		.01	.02	.03	.02	.03	.01																		.12
RENOVO 6 S STATE CAMP	.07	.17	.05	.01	.03			.02	.01																.36
RIDGWAY	.07	.02	.01	.04	.01																				.15
SAXTON	.02																								.02
SCANDIA	.01		.02	.08																					.11
SCRANTON WB CITY				.01	.01	.01																			.03
SELLERSVILLE 2 NW				.02	.01	.05	.01	.01																	.10
SHADE GAP	.08																								.08
SHEFFIELD 6 W CHERRY GROVE	.01		.01	.02				.01	.01																.06
SMETHPORT HGWY SHED	.03		.01	.04																					.08
SOUTH CANAAN 1 E					.01	.01																			.02
SPRING GROVE			.03	.02																					.05
STATE COLLEGE	.08	.10	.02																						.20
STROUDSBURG				.04	.03	.03																			.10
SUNBURY		.06	.04	.01	.01																				.12
SUNBURY AIRPORT 2 N 6			M	*	*	*	*	.16																	.20
TAMAQUA 4 N STILL CREEK DAM			.02	.08	.09	.01																			.01
TIONESTA 2 SE DAM //	.01																								.05
TITUSVILLE			.03	.02																					.03
TOWANDA			.02	.01																					.06
TUNKHANNOCK 1 S				.06																					.01
TUNNELTON //				.01																					.30
TYRONE 4 NE BALD EAGLE	.20	.02	.01	.02	.01	.01	.10																		.15
VANDERGRIFT 2 W	*	*	*	*	*	*	*	.15																	.07
WEBSTER MILLS 3		.04	.01	.01	.01																				.10
WELLSBORO 2 E		.06	.01	.01		.01	.01																		.21
WILLIAMSPORT		.15	.04	.02																					.20
WIND GAP 3 SW			.01	.05	.06	.05	.03																		.10
YORK 2 S FILTER PLANT	.01	.04	.03	.01		.01																			.09
YOUNGSVILLE		.01	.07	.01																					

—19th—

ALBION								.09	.06	.02				.01	.02	.01	.01	.05	.05	.06	.17	.02	.02	.01	.60
ALLENS MILLS						.01	.01		.01	.05	.12	.08	.02	.01	.01	.02			.07	.09	.06	.28	.02	.06	.92
ALLENTOWN BETHLEHEM EASTON WB AP														.01	.01	.17	.07	.22	.02		.01		.06	.01	.58
AUSTINBURG 2 W												.04	.07	.02		.01				.01	.01	.04		.06	.26
AVOCA WILKES BARRE SCRANTON AP 6															*	*	*	*		.15	*	*	*	.25	
BLAIN									.05	.05	.17	.13	.10	.02				.03	.02	.35	.25	.05	.08	.02	1.32
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.20	*	*	*	*	*	.17	*	*	*	.02	
BLAKESLEE CORNERS												.01	.03	.04	.13	.10	.16	.03	.01		.04	.15	.13	.08	.91
BOSWELL							.04	.08	.14	.04	.02		.01			.01	.08	.10	.10	.02	.03	.01	.01		.69
BROOKVILLE AIRPORT 6									*	*	*	M	*	.25	*	*	*	*	*	.22	M	*	*	.13	
BUCKSTOWN								.10	.04	.09	.02	.05	.01	.01			.02	.08	.10		.02	.06			.60
BUTLER SUBSTATION						.01	.01	.04	.05	.01	.03						.01	.01	.05	.01	.02	.01			.26
CANTON 1 NW										.01		.01	.06	.10	.12	.07					.06	.24	.11	.18	.96
CARTER CAMP											.17	.07	.15	.03	.01				.06	.09	.09	.01	.04	.05	.77
CHAMBERSBURG									.10	.10	.18	.16	.14	.13				.03	.03	.12	.21	.02	.06	.01	1.29
CLARION 3 SW							.01	.01	.11	.04	.10						.02	.05	.03					.02	.39
COALPORT									.01	.08	.11	.01	.05	.02			.01	.02	.06	.09	.02	.03	.01		.52
COATESVILLE 1 SW													.01	.18	.18	.03				.02	.04	.04	.08	.02	.60
CONFLUENCE 1 SW						.10			.07	.01							.04	.05	.03			.01		.01	.32
CONNELLSVILLE 4 N							.03	.02	.02	.01		.01					.01	.01	.03	.01	.01	.01		.01	.18
CRESSON 1 E SUMMIT								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.45	*	*	*	*	*	.31	*	*	*	.15	
DINGMANS FERRY														.01	.06	.14	.08	.13	.09	.10			.09	.05	.75
DU BOIS 7 E									.08	.10	.11	.03	.03				.02	.03	.13	.09	.01	.02	.02	.01	.68
DUNLO							.01	.01	.10	.06	.05	.01	.02	.01			.01	.03	.04	.09	.03	.01	.04	.01	.53
DUSHORE								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
EMPORIUM										.13	.10	.18	.04						.10	.13	.15	.02		.04	.01	.90
ENGLISH CENTER							.01	.01		.01	.14	.09	.11	.09	.06		.01		.01	.01	.11	.22	.27	.10	.01	1.26
ERIE WB CITY							.02	.02	.07	.01						.01			.03	.06	.04	.10	.06	.02	.44
ERIE AIRPORT 6									*	*	*	*	*	.15	*	*	*	*	*	.14	*	*	*	M	
EVERETT								.09	.10	.20	.09	.09	.01				.01	.01	.11	.07	.01	.08	.02		.89
FORD CITY 4 S //							.02	.07	.09	.02							.04	.01	.01	.04					.30
FRANKLIN							.02	.08	.10	.06	.01						.02	.07	.04	.02	.02	.01			.45
GETTYSBURG 1 S									.06	.03	.06	.11	.33	.30				.03	.04	.12	.01		.06	.04	1.19
GLEN ROCK										.01	.01	.04	.02	.23	.11	.07	.01	.01	.01	.02	.01	.01		.01	.57
GOOD SPRINGS 1 NW											.05	.05	.07	.10	.16	.17	.03	.01	.03	.03	.12	.08	.06	.14	1.10
GREENSBURG 2 E HGWY SHED							.01	.04	.02	.01				.01		.01	.01	.02	.05	.04		.01		.01	.24
HARRISBURG 3 S WB AIRPORT										.02	.06	.02	.06	.26	.21	.01	.01		.02	.02	.06	.01	.02	.02	.80
HAWLEY 1 S WALLEN DAM												.01	.01	.03	.03	.10	.10	.12	.02			.01	.05	.07	.55
HEWITT 2 S							.05	.07	.03	.04	.07	.06			.01	.01	.01	.03	.02	.02	.01	.01			.44
HOLLIDAYSBURG				.01		.01		.05	.10	.11	.04	.11	.08	.01			.01	.07	.05	.16	.01	.04	.02		.88
HOLTWOOD									.01					.03	.14	.14						.02			.34
HOME									.08	.06	.05	.01					.03	.07	.08	.08	.02	.01		.01	.50
HONESDALE 6 N TANNERS FALLS //															.02	.06	.10	.07	.25	.11		.02	.01	.10	.74
HUNTSDALE								.01	.02	.07	.10	.17	.21	.28	.02			.01	.05	.14	.07	.04	.09	.02	1.30
INDIANA 2 SE								.09	.01	.16	.01	.01					.03	.07	.03		.02				.43
JACKSON SUMMIT										.05	.07	.01	.09							.08	.24	.10	.04		.68
JAMESTOWN 2 NW							.03	.04	.04	.01	.01	.01			.01	.01	.01	.03	.02	.08	.10	.02	.01		.43
JOHNSTOWN 2							.03	.06	.10	.08	.03	.02		.01		.02	.04	.08	.04	.04	.02	.02	.01		.60
KANE 5 SE									.01	.09	.12	.02					.01	.07	.10	.02	.26	.03	.15	.01	.84
LANCASTER 2 NE FILTER PLANT										.01	.01	.02	.02	.02	.20	.03	.01	.01	.01		.01	.03			.38
LAURELTON STATE VILLAGE											.17	.15	.10	.05	.04		.01	.01	.05	.17	.41	.22	.10	.02	1.50
LEBANON 3 SW								.01		.03	.02	.03	.10	.12	.04	.12	.02		.03	.01	.04	.04	.01		.62
LEHIGHTON												.01	.02	.03	.03	.14	.17	.18	.12	.01	.01	.04	.11	.03	.90
LEWISTOWN			.01					.01	.04	.11	.11	.10	.04	.01			.01	.02	.02	.40	.10	.10	.09	.01	1.18
LOCK HAVEN 2									.01	.04	.16	.11	.11	.14		02			.02	.10	.23	.08	.10		1.12
MARIENVILLE								.02	.08	.11	.09	.01					.05	.06	.08	.01	.09	.01	.01		.62
MARTINSBURG								.02	.11	.19	.10	.17	.04				.02	.06	.10	.09	.01	.06	.03	.01	1.01
MARTINSBURG BLAIR CO AIRPORT 6									*	*	*	*	*	.71	*	*	*	*	*	.19	*	*	*	.14	
MEADOW RUN PONDS												.02	.04	.10	.11	.25	.07	.36	.10	.02	.01		.17	.20	1.45
MEADVILLE 1 S							.03	.07	.06	.06						.01	.01	.03	.04	.15	.15	.03	*	*	*
MEDIX RUN									.01	.09	.05	.05	.02				.01	.02	.03	.11	.02	.01	.07	.01	.50
MERCER HGWY SHED							.01	.10	.05	.03	.01	.01					.01	.02	.17	.01					.42
MERWINSBURG														.02	.08	.30	.23	.14	.05	.01	.02	.01	.16	.08	1.10
MILAN								*	*	*	*	*	*	*	*	*	*	M	*	*	*	*	*	*	*
MILLVILLE											.02	.13	.10	.15	.25	.09		.01			.10	.09	.01	.04	.99
MONROE FURNACE									.03	.14	.18	.07	.11	.01				.01	.05	.10	.04	.09		.02	.85
MURRYSVILLE							.02	.06	.04	.03						.01	.01	.01		.02					.21
NEFFS MILLS 4 NE																				*	*	*	*	*	*
NEW CASTLE 1 N					.01	.02	.05	.05	.03	.02								.03		.08				.01	.30
PALMERTON																		.03	.07	.27	.23	.04	.02		.66
PARKERS LANDING 1 E								.01	.09	.01							.01	.06	.03					.01	.22
PARK PLACE 1 NW WB AIRPORT 6									*	*	*	*	*	.12	*	*	*	*	*	.53	*	*	*	*	
PHILADELPHIA WB AIRPORT														.01	.01	.05								.04	.01	.12
PHILADELPHIA POINT BREEZE																.07		.01						.02	.01	.11
PHILADELPHIA WB CITY														.03	.04	.04						.02	.05	.03	.21

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HILLIPSBURG 7 E AIRPORT									.01	.08	.03	.17	.03			.01	.01	.03	.06	.08	.01	.03	.07	.01	.63
HOENIXVILLE 1 E PUMPING STATION														.02	.06	.05	.16	.01		.02	.01	.01	.01	.02	.37
IKES CREEK												.03	.02	.11	.27	.08		.01		.01	.01	.01	.02	.05	.62
INE GROVE MILLS									.01	.11	.13	.07	.11	.02					.02	.11	.06	.01	.10		.75
ITTSBURGH 7 SE WB AIRPORT //							.04	.05	.01	.02						.01	.05	.02							.20
ITTSBURGH WB CITY							.05	.04	.01	.04						.01	.05	.03							.23
LEASANT MOUNT															.01	.03	.07	.04	.01	*	*	*	*	*	*
ORT CLINTON								.01		.01		.01	.01	.09	.29	.12	.29	.01		.07	.02	.04	.05	.01	1.03
UNXSUTAWNEY 2								.02	.11	.10	.11	.07	.02			.01	.04	.07	.07	.09	.01	.08	.01	.01	.82
UTNEYVILLE 2 SE								.02	.18	.02	.03						.05	.05	.03	.07	.02	.01	.01	.01	.50
AYMOND												.02	.08	.09	.01	.02					.02	.05	.02	.01	.32
EADING WB CITY											.01		.03	.02	.19	.24	.08	.02				.05	.03	.02	.69
ENOVO 6 S STATE CAMP									.06	.22	.10	.10	.10	.10				.01	.09	.12	.07	.01	.08	.02	.98
IDGWAY									.07	.08	.02							.03	.09	.07	.17	.02	.04	.02	.61
OCHESTER 1 N							.01	.09	.02	.01		.01	.01	.01			.04	.04	.02	.01	.01	.01	.01	.01	.31
AXTON								.07	.18	.23	.09	.09					.01	.07	.09	.04	.07	.03	.01	.02	1.00
CANDIA								.01	.01	.11	.10	.03	.01					.10	.08	.05	.03	.07	.04	.02	.66
CRANTON WB CITY														.01	.07	.08	.03		.05		.01		.04	.02	.31
ELLERSVILLE 2 NW																.12	.08	.13		.01	.01	.01	.01	.01	.38
HADE GAP				.01		.01		.06	.05	.07	.11	.19	.05	.01				.03	.09	.47	.14	.08	.06	.05	1.48
HEFFIELD 6 W CHERRY GROVE							.01	.01	.02	.11	.08	.01	.01					.08	.08	.04	.03	.05	.13	.01	.67
METHPORT HGWY SHED									.01	.10		.13					.02	.06	.10	.10	.05	.04	.09		.80
OUTH CANAAN 1 E														*	*	*	*	*	*	*	*	*	*	*	*
PRING GROVE										.01	.01	.01	.04	.21	.02	.01			.04	.01		.01	.01	.01	.39
TATE COLLEGE									.01	.12	.13	.02	.14	.02					.04	.09	.05	.02	.05		.69
TROUDSBURG												.01		.07	.11	.20	.16	.23	.02	.01	.17	.12	.02	.09	1.21
UNBURY				.02	.04	.02		.01	.01	.01	.02	.09	.14	.32	.14	.04		.01	.01	.01	.11	.10		.08	1.18
UNBURY AIRPORT 2 N 6									*	*	*	*	*	.35	*	*	*	*	*	.53	*	*	*	.25	
AMAQUA 4 N STILL CREEK DAM											.05	.02	.05	.03	.17	.15	.12	.17	.01	.01	.09	.01	.34	.10	1.32
IONESTA 2 SE DAM //							.01	.04	.09	.04	.01	.01					.03	.07	.05	.03	.05	.05		.01	.49
ITUSVILLE								.02	.04	.08	.07	.01	.01	.01				.03	.07	.05	.04	.01		.01	.45
OWANDA												.01	.02	.03	.03	.07	.01				.01	.27	.25	.05	.75
UNKHANNOCK 1 S												.01	.03	.04	.05	.14	.18	.01	.02		.01	.11	.14	.05	.79
UNNELTON //								.02	.04	.05	.01	.01	.01	.01			.01	.03	.01	.07	.02				.29
YRONE 4 NE BALD EAGLE									.04	.10	.06	.07	.05	.03				.02	.08	.05	.02	.02	.01	.01	.56
NION CITY 1 W								.06	.05	.10	.01						.01	.03	.08	.09	.05	.01	.01	.10	.60
ANDERGRIFT 2 W							.01	.09	.02	.01	.01					.01	.04	.01	.01		.01				.22
ASHINGTON						.01	.01	.05	.05	.01				.01		.01	.04	.03							.22
AYNESBURG 2 W							.02	.04	.02	.04	.02					.01	.01	.01	.01	.02					.20
EBSTER MILLS 3 SW								.03	.06	.06	.15	.13	.03		.01		.01	.06	.07	.41	.05	.03	.04	.01	1.15
ELLSBORO 2 E											.04	.07	.05	.10	.02					.03	.11	.16	.08	.08	.74
ILLIAMSPORT											.06	.11	.05	.11	.07		.01		.01	.03	.20	.25	.10	.01	1.01
IND GAP 3 SW															.02	.26	.17	.36	.06	.02	.01	.01	.04	.15	1.10
ORK 2 S FILTER PLANT									.01	.01	.02	.04	.17	.07	.10			.01		.01	.01	.01	.02	.04	.52
OUNGSVILLE								.02	.02	.13	.14	.01						.05	.09	.08	.01	.03	.03	.02	.63
LBION	.50	.03																							.53
LLENS MILLS		.01	.01	.06	.10	.07																			.25
LLENTOWN BETHLEHEM EASTON WB AP	.05	.05	.32	.01	.01																				.44
USTINBURG 2 W		.04	.01	.23																					.28
VOCA WILKES BARRE SCRANTON AP 6	*	.10	*	*	*	*	*	.31																	
LAIN	.03	.03	.02	.09	.01																				.18
LAIRSVILLE 6 ENE 6			*	*	*	*	*	.21																	
LAKESLEE CORNERS	.07	.13	.05	.35	.19	.01	.01	.01																	.82
OSWELL	.15	.08	.08	.01																					.32
ROOKVILLE AIRPORT 6	*	.01	*	*	*	*	*	.17	*	*	*	*	*	.08											
UCKSTOWN		.12																							.12
UTLER SUBSTATION		.11	.01																						.12
ANTON 1 NW	.02	.09	.11	.19	.19																				.60
ARTER CAMP	.03			.17																					.20
HAMBERSBURG	.01																								.01
LARION 3 SW		.02																							.02
OALPORT		.01	.24	.02	.01	.01																			.29
OATESVILLE 1 SW	.08	.08	.01	.01	.01		.01																		.20
ONFLUENCE 1 SW		.10	.07	.03																					.20
ONNELLSVILLE 4 N	.08	.08	.03		.01																				.20
RESSON 1 E SUMMIT	*	*	*	*	*	*	*																		*
URWENSVILLE 6 NW AIRPORT 6	*	.01	*	*	*	*	*	.21	*	*	*	*	*	.01											
INGMANS FERRY	.06	.10	.20	.07	.11	.12	.08																		.74
U BOIS 7 E	.01	.01	.12	.03	.01																				.18
UNLO		.01	.08	.08	.01																				.18
USHORE	*	*	*	*	*	*	*	1.69																	1.69
MPORIUM	.01		.11	.01	.01																				.14
NGLISH CENTER	.14	.18	.27																						.59
RIE WB CITY		.44		.01								.01													.46
RIE AIRPORT 6	*	.69	*	*	*	*	*	.08	*	*	*	*	*	.03	*	*	*	*	*	.02					
VERETT			.06	.03			.01																		.10
ORD CITY 4 S //	.01	.16	.01																						.18
RANKLIN	.26	.02	.01	.01																					.30
ETTYSBURG 1 S			.08	.12																					.20
LEN ROCK	.02	.02	.01	.03	.01																				.09
OOD SPRINGS 1 NW	.09	.01	.03	.03	.01	.01	.02																		.20
REENSBURG 2 E HGWY SHED	.10	.04	.01																						.15
ARRISBURG 3 S WB AIRPORT	.02			.03		.05																			.10
AWLEY 1 S WALLEN DAM	.03	.02	.04	.02	.10	.12																			.33
EWITT 2 S	.01		.10	.02	.03					.05															.21
OLLIDAYSBURG	.02			.11	.01																				.14
OLTWOOD		.03	.01	.01	.02																				.07
OME		.13	.06	.01																					.20
ONESDALE 6 N TANNERS FALLS //	.04	.01	.03	.01	.01	.05	.10	.04																	.29
UNTSDALE	.04	.01		.01	.04																				.10
NDIANA 2 SE		.15	.03																						.18
ACKSON SUMMIT	.14	.18	.19																						.51
AMESTOWN 2 NW	.27																								.27
OHNSTOWN 2		.07	.03																						.10
ANE 5 SE	.02	.05	.06																						.13
ANCASTER 2 NE FILTER PLANT		.03		.06	.01																				.10
AURELTON STATE VILLAGE	.01	.10	.39	.13	.05																				.68
EBANON 3 SW	.01		.03	.01																					.05
EHIGHTON	.01	.05	.16	.03	.02	.01																			.28
EWISTOWN	.03	.12	.05	.10																					.30
OCK HAVEN 2		.20	.11	.05																					.36
ARIENVILLE		.17	.01	.01																					.19
ARTINSBURG			.10																						.10
ARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.16																	
EADOW RUN PONDS	.04	.06	.03	.08	.31	.03	.01																		.56
EADVILLE 1 S	*	*	*	*	*	*	*	*	*	*	*	*	*	.34											.98
EDIX RUN	.01	.01	.14	.02	.02																				.20
RECER HGWY SHED	.39																								.39
ERWINSBURG	.03	.08	.16	.01	.03																				.31
ILLERSBURG 2 E	*	*	*	*	*	*	*	1.46																	1.46
ILLVILLE	.01	.01	.01	.03	.30	.10						.01		.01											.48
ONROE FURNACE	.11	.15	.14	.01																					.41

—20th—

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4–Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOUNT UNION 1 NW //	*	*	*	*	*	*	*	2.22																	2.22
MURRYSVILLE	.08	.03		.01																					.12
NEFFS MILLS 4 NE	*	*	*	*	*	*	*	1.18																	1.18
NEW CASTLE 1 N	.30	.01																							.31
PALMERTON	.02		.10	.11		.03	.14		.04																.44
PARKERS LANDING 1E	.01	.17	.01																						.19
PARK PLACE 1 NW WB AP 6	*	*	*	*	*	*	*	.89																	
PHILADELPHIA WB AIRPORT		.02	.13		.01	.05																			.21
PHILADELPHIA POINT BREEZE	.01		.09	.01		.06																			.17
PHILADELPHIA WB CITY	.04	.05	.03	.01	.01																				.14
PHILLIPSBURG 7 E AIRPORT		.01	.28	.01		.01																			.31
PHOENIXVILLE 1 E PUMPING STATION		.09	.20	.01	.01																				.31
PIKES CREEK	.03	.01	.01		.03	.14		.01		.01															.24
PINE GROVE MILLS 1 S		.12	.01	.20																					.33
PITTSBURGH 7 SE WB AP //	.12	.03																							.15
PITTSBURGH WB CITY	.14	.02																							.16
PLEASANT MOUNT 1 W	*	.76																							.92
PORT CLINTON		.09	.01				.02																		.12
PUNXSUTAWNEY 2		.15	.01	.01																					.17
PUTNEYVILLE 2 SE		.15	.01																						.16
RAYMOND	.07	.01	.01		.20																				.29
READING WB CITY	.04	.06	.02		.05																				.17
RENOVO 6 S STATE CAMP	.01	.01	.08	.07																					.17
RIDGWAY	.02	.03	.06	.03	.01																				.15
ROCHESTER 1 N	.13	.01																							.14
SAXTON	.03	.01	.07																						.11
SCANDIA	.03	.13	.10																						.26
SCRANTON WB CITY	.07		.01	.01	.16		.06																		.31
SELLERSVILLE 2 NW	.01		.11	.05	.05	.02																			.24
SHADE GAP	.12	.17	.02	.18																					.49
SHEFFIELD 6 W CHERRY GROVE	.06		.13	.01																					.20
SMETHPORT HIGHWAY SHED	.01	.01	.12	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SOUTH CANAAN 1 E	*	*	*	*	*	*	*	1.10																	1.10
SPRING GROVE	.02	.01	.08	.02																					.13
STATE COLLEGE		.18	.17	.09																					.44
STROUDSBURG	.08	.29	.19	.04	.02	.07																			.69
SUNBURY	.02			.02	.18	.28	.11																		.61
SUNBURY AP 2 N 6	*	.04	*	*	*	*	*	.64																	
TAMAQUA 4 N STILL CREEK DAM		.10	.03	.05	.22																				.40
TIONESTA 2 SE DAM //		.09	.03																						.12
TITUSVILLE		.38	.01																						.39
TOWANDA	.04	.01		.40	.12																				.57
TUNKHANNOCK 1S	.06	.03	.02	.05	.05																				.21
TUNNELTON //		.14	.03	.01																					.18
TYRONE 4 NE BALD EAGLE		.01	.10	.03																					.14
UNION CITY 1 W		.06																							.06
VANDERGRIFT 2 W	.09	.04	.01																						.14
WASHINGTON	.15	.05																							.20
WAYNESBURG 2 W	.15	.02		.01																					.18
WEBSTER MILLS 3 SW	.02	.22	.02																						.26
WELLSBORO 2 E	.01	.04	.16	.15																					.36
WILLIAMSPORT	.02	.07	.40	.16	.01																				.66
WIND GAP 3 SW	.03	.02	.24	.09	.06	.06	.01																		.51
YORK 2 S FILTER PLANT		.02	.01	.01																					.04
YOUNGSVILLE	.01	.10	.01																						.12
—21st—																									
COATESVILLE 1 SW																			.01			.01		.01	.03
MARTINSBURG																					.01	.01		.01	.03
MONROE FURNACE																		.01		.01				.01	.03
PIKES CREEK								.01												.01				.01	.03
TYRONE 4 NE BALD EAGLE																						.01			.01
—22d—																									
ALBION																			.01	.03					.04
ALLENS MILLS									.03	.02	.08	.02				.01	.01								.17
ALLENTOWN-BETHLEHEM-EASTON AP								.01	.02	.06	.03	.01	.01	.05	.02	.10	.03	.01	.01	.01	.01				.37
AUSTINBURG 2 W										.01	.01	.07	.05	.02						.02	.02	.01			.21
AVOCA WILKES-BARRE SCRANTON AP 6							*	*	*	*	*	.04	*	*	*	*	*	.25	*	*	*	.03			.42
BLAIN							.02	.07	.05	.07	.02	.05	.02	.02	.05	.05									
BLAIRSVILLE 6 ENE								*	*	*	*	.27	*	*	*	*	*	.11	*	*	*	.04			.36
BLAKESLEE CORNERS									.01	.03	.07	.02	.01	.02	.06	.06	.05				.01	.01		.01	.35
BOSWELL								.02	.01	.06	.03	.06	.02		.02	.01	.04	.01	.01			.02	.02	.02	
BROOKVILLE AP 6								*	*	*	*	*	.14	*	*	*	*	.06	*	*	*	.05			
BUCKSTOWN								.08	.01	.01	.01	.04	.03	.01	.01	.02			.01		.01	.01	.02		.27
BUTLER SUBSTATION																		.01		.01	.03	.01	.01		.07
CANTON 1 NW														.05	.08	.02			.08	.07			.01	.01	.32
CARTER CAMP										.05	.09	.10	.02		.01	.02				.01	.03	.08		.01	.42
CHAMBERSBURG								.01	.07	.03	.09	.02	.05	.03	.10	.03	.01								.44
CLARION 3 SW													.09	.02	.02	.01	.03			.02		.01			.20
COALPORT										.10	.05	.05				.01	.05								.26
COATESVILLE 1 SW									.02	.03	.03	.02	.07	.10											.27
CONFLUENCE 1 SW							.03	.05	.02	.01	.01	.03	.03	.03	.04	.03							.01		.29
CONNELLSVILLE 4 NW AIRPORT											.02	.06	.08	.04	.01	.03	.03	.02	.01	.01					.31
CRESSON 1 E SUMMIT		*	*	*	*	*	*	*	*	*	*	*	*	*	.83	.01	.01	.01	.01	.01	.01		.01	.01	.91
CURWENSVILLE 6 NW AP 6									*	*	*	*	*	.24	*	*	*	*	*	.08	*	*	*	.02	
DINGMANS FERRY										.03	.04	.02	.04	.02	.04	.06	.04								.29
DRIFTWOOD								*	*	*	*	*	*	*	*	*	*	*	*	1.58					1.58
DU BOIS 7 E										.02	.05	.07	.06			.01	.01					.01	.01		.24
DUNLO							.01	.02	.02	.01	.05	.05	.05	.02	.01	.01									.25
DUSHORE														.06	.02		.02					.01	.01	.05	.17
EMPORIUM													–	–	–	–	–	–	–	–	–	–	–	–	–
ENGLISH CENTER								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ERIE WB CITY																				.05	.02	.01			.08
ERIE AP 6																					*	*	*	*	
EVERETT							.01	.04	.05	.05	.04	.04	.02	.01	.03	.04	.01	.01							.35
FORD CITY 4 S //									.01	.01	.01	.01	.06		.01	.01		.01	.01					.01	.18
FRANKLIN						.01		.01	.01	.01		.05													.09
GETTYSBURG 1 S						.01		.01	.01	.06	.04	.02	.02	.03	.05	.06	.01								.32
GLEN ROCK									.02	.01	.06	.04	.01	.01	.03	.03	.05	.02							.28
GOOD SPRINGS 1 NW									.01	.09	.03	.03	.05	.10	.02	.11	.07								.51
GREENSBURG 2 E HIGHWAY SHED										.11	.11			.03	.04	.05	.01								.35
HARRISBURG 3 S WB AIRPORT									.05	.05	.06	.06	.02	.02	.09	.03	.05		.01						.44
HAWLEY 1 S WALLEN DAM										.01	.02	.02	.01	.03	.06	.03	.04	.02	.01	.01	.01	.01			.28
HEWITT 2 S								.01	.04	.01	.04	.03	.01	.01	.01									.04	.20
HOLLIDAYSBURG							.01	.02	.05	.01	.05	.06	.08	.02	.01	.01				.01					.33
HOLTWOOD											.01	.01	.01		.02	.07	.05	.02							.19
HOME												.10	.08			.03	.03	.01			.02	.01			.28
HONESDALE 6 N TANNERS FALLS //													.02	.03	.09	.05	.06	.01	.04	.01	.02	.02	.03	.02	.40
HUNTSDALE									.05	.04	.06	.04	.04	.01	.03	.05	.02								.34
INDIANA 2 SE											.04	.06	.10							.01	.04	.02	.01	.01	.29
JACKSON SUMMIT								.01	.06	.17	.01	.01						.01		.01	.02	.05			.35
JAMESTOWN 2 NW													*	*	*	*	*	*	*	*	*	*	*	*	*

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A M Hour ending												P M Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
JOHNSTOWN 2								.01	.01	.01	.04	.09	.05	.02	.01	.03									.27
KANE 5 SE											.01	.05	.12	.03	.03	.01		.02		.01					.28
LANCASTER 2 NE FILTER PLANT											.01	.02	.03	.01	.02	.08	.06	.05							.28
LAURELTON STATE VILLAGE							.02	.01	.04	.03	.01	.09	.05	.09	.04		.01			.01				.01	.41
LEBANON 3 SW										.04	.05	.04	.02	.03	.02	.10	.08	.02	.01						.41
LEHIGHTON											.01	.07	.04	.01	.01	.07	.02	.12	.06						.41
LEWISTOWN								.02	.03	.02	.07	.01	.03	.03	.04		.01								.26
LOCK HAVEN 2												.04	.06	.04	.02		.01			.01		.01		.01	.20
MARIENVILLE												.05	.13	.01	.01	.01	.01	.01		.01		.04			.28
MARTINSBURG		.01					.01	.05	.04	.02	.05	.02	.05	.05	.01	.01	.01		.01	.01		.01		.01	.37
MARTINSBURG BLAIR CO AIRPORT 6								*	*	*	*	*	*	.26	*	*	*	*	*	.12	*	*	*	.01	
MEADOW RUN PONDS											.01	.01	.14	.02	.16	.12	.10	.08	.04	.02		.02	.01	.02	.75
MEADVILLE 1 S													.03							.01	.01				.05
MEDIX RUN											.02	.05	.09	.01		.01	.02	.01	.01				.01	.02	.25
MERCER HIGHWAY SHED											.02	.01	.01												.04
MERWINSBURG												.08	.02	.02	.06	.04	.05	.12	.01		.01				.41
MILAN								*	*	*	*	*	*	1.48	.05	.06	.01	.02	.05			.16			1.83
MILLERSBURG 2 E								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE									.01	.01	.01	.02	.07	.03	.09	.04	.01	.04				.01		.01	.35
MONROE FURNACE									.02	.02	.01	.05	.04	.05	.03		.02	.01							.25
MURRYSVILLE											.03	.04	.04		.01	.01				.01		.01			.15
NEW CASTLE 1 N												.03	.01												.04
PALMERTON										*	*	*	*	*	*	*	*	.34	.01	.01					.36
PARKERS LANDING 1 E												.06	.05												.11
PARK PLACE 1 NW WB AIRPORT 6									*	*	*	*	*	.10	*	*	*	*	*	.29	*	*	*	*	
PHILADELPHIA WB AIRPORT										.01			.02	.02	.02	.02	.07	.08	.01						.25
PHILADELPHIA POINT BREEZE														.01	.02	.01	.04	.12	.03						.23
PHILADELPHIA WB CITY														.01	.03	.01	.08	.10	.02						.25
PHILLIPSBURG 7 E AIRPORT											.01	.04	.09	.05	.01		.01								.21
PHOENIXVILLE 1 E PUMPING STATION													.01	.01	.01	.01	.13	.03	.06	.01					.27
PIKES CREEK				.01						.01		.01		.01	.01	.14	.01	.02				.02		.01	.26
PINE GROVE MILLS 1 S									.02	.03	.02	.02	.03	.03		.03	.02							.01	.21
PITTSBURGH 7 SE WB AP //											.02	.01	.03			.01	.01								.08
PITTSBURGH WB CITY									.01	.01		.01				.02	.01			.01					.07
PLEASANT MOUNT 1 W											.01		.01	.03	.08	.08	.01	.03	.04	.02	.01		.02	.05	.39
PORT CLINTON									.02	.05	.08	.02	.02	.07	.09	.05	.15	.02							.57
PUNXSUTAWNEY 2											.01	.01	.09	.02	.01	.02	.03	.01	.02	.02					.24
PUTNEYVILLE 2 SE											.02	.02	.07	.01		.01	.04		.01	.01	.03				.22
RAYMOND										.01	.01	.01	.02	.10	.04	.01		.01				.01	.01		.23
READING WB CITY										.03	.02	.01	.01	.02	.02	.09	.04	.02							.26
RENOVO 6 S STATE CAMP												.02	.16	.07	.05			.02	.01	.01		.05		.01	.40
RIDGWAY												.01	.06	.09	.01	.02	.01	.01	.01	.01	.02	.01	.03	.01	.30
SAXTON								.04	.07	.04	.06	.03	.06	.03	.03									.05	.41
SCANDIA											.01	.01	.06	.07								.05			.20
SCRANTON WB CITY											.01		.01	.03	.02	.09	.02	.02					.01	.01	.22
SELLERSVILLE 2 NW																.03	.04	.06	.02	.02					.17
SHADE GAP							.01	.01	.03	.05	.02	.02	.01	.05	.02	.05		.01						.01	.29
SHEFFIELD 6 W CHERRY GROVE												.02	.07	.08	.01					.01		.01			.20
SOUTH CANAAN 1 E												.01	.02		.01	.04	.04	.07	.01	.04	.01	.01	.02	.01	.29
SPRING GROVE							.01	.03	.02	.05	.01	.01	.01	.02	.04										.20
STATE COLLEGE										.01		.03	.03	.07			.03								.17
STROUDSBURG											.02	.02	.01	.02	.03	.02	.06	.07		.01		.04	.01	.01	.32
SUNBURY									.04	.04	.04	.07	.03	.10	.07	.02	.07	.01			.01			.01	.51
SUNBURY AP 2 N 6									*	*	*	*	*	.24	*	*	*	*	*	.22	*	*	*	.03	
TAMAQUA 4 N STILL CREEK DAM										.05	.02	.05	.04	.01	.03	.10	.07	.10	.01				.01	.01	.50
TIONESTA 2 SE DAM //												.01	.07		.01	.01					.03	.01			.14
TOWANDA												.01	.03	.03	.02	.02			.01	.07	.01			.02	.22
TUNKHANNOCK 1 S														.05	.04	.03	.01	.02	.01	.01		.01			.18
TUNNELTON //												.11	.07	.02	.01	.02	.02			.01	.01				.27
TYRONE 4 NE BALD EAGLE			.01			.01		.01			.01	.03	.05	.05	.01	.01	.05					.01		.01	.26
UNION CITY 1 W																				.02	.01				.03
VANDERGRIFT 2 W												.07	.03			.01			.01	.02	.02				.16
WAYNESBURG 2 W									.02	.06	.01	.01				.01							.03		.14
WEBSTER MILLS 3 SW				.01	.01	.01		.01	.07	.03	.04	.02	.02	.03	.05	.01									.31
WELLSBORO 2 E														.03	.06	.01			.01			.01	.05		.17
WILLIAMSPORT										.01	.01	.01	.07	.03		.04	.01	.01	.01		.01	.03			.24
WIND GAP 3 SW												.08	.05		.01	.05	.09	.08	.04	.02	.02	.01	.02	.02	.49
YORK 2 S FILTER PLANT							.01	.05	.03	.05	.03	.01	.01	.03	.08	.07	.01								.38
YOUNGSVILLE									.01			.01	.01	.02											.05

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PHILADELPHIA WB AIRPORT		.01	.01	.01																					.03
PHILADELPHIA WB CITY		.01																							.01
YORK 2 S FILTER PLANT																					.01				.01
—25th—																									
COATESVILLE 1 SW																	.04	.03							.07
GETTYSBURG 1 S		.05	.05																						.10
GLEN ROCK			.02	.04	.10	.01																			.17
HOLTWOOD				.02	.06																				.08
LOCK HAVEN 2						.01		.01	.01	.01															.04
MARTINSBURG																.01		.01							.05
PHILADELPHIA WB AIRPORT		.04	.03	.02	.04	.04	.01																		.18
PHILADELPHIA POINT BREEZE			.02	.01	.01	.02	.03																		.09
PHILADELPHIA WB CITY			.02		.01	.04	.01																		.08
SPRING GROVE		.02	.06	.02																					.10
YORK 2 S FILTER PLANT		.01	.03	.04	.01	.01																			.10
—26th—																									
ALBION															.07				.02	.06	.11	.12	.11	.06	.55
ALLENS MILLS																					.03	.04	.02	.03	.12
ALLENTOWN BETHLEHEM EASTON AIRPORT	-																							.01	.01
AUSTINBURG 2 W																								.01	.01
BLAIN						.01	.01	.01		.01	.01	.01												.03	.09
BLAIRSVILLE 6 NE																					*	*	*	.08	
BOSWELL																							.01	.09	.10
BROOKVILLE AP 6																					*	*	*	.12	
BUCKSTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BUTLER SUBSTATION																		.02	.03	.02	.03	.04	.10	.11	.35
CANTON 1 NW																		.01				.01			.02
CARTER CAMP																							.03	.10	.13
CHAMBERSBURG																								.01	.01
CLARION 3 SW																			.02	.01	.02	.05	.06	.08	.24
COALPORT																				.02	.01	.01	.03	.03	.10
COATESVILLE 1 SW																								.01	.01
CONFLUENCE 1 SW																								.06	.06
CRESSON 1 E SUMMIT																						.01	.01	.04	.06
CURWENSVILLE 6 NW AP																					*	*	*	.17	
DRIFTWOOD																				*	*	*	*	*	*
DU BOIS 7 E																					.05	.03	.01	.09	.18
DUNLO																							.01	.05	.06
DUSHORE																				*	*	*	*	*	*
EMPORIUM																					-	-	-	-	-
ENGLISH CENTER																								.03	.03
ERIE WB CITY														.02	.02						.01	.14	.10	.17	.10	.56
ERIE AP 6															*	*	*	*	*		.02	*	*	*	*	
EVERETT																								.06	.06
FORD CITY 4 S //																					.09	.03	.08	.10	.30
FRANKLIN														.01		.01		.01	.04	.12	.14	.10	.04	.10	.57
GLEN ROCK																								.02	.02
GREENSBURG 2 E HIGHWAY SHED																							.02	.12	.14
HEWITT 2 S																								.02	.02
HOLLIDAYSBURG																								.01	.01
HOME																					.01	.01	.07	.11	.20
INDIANA 2 SE																						.05	.01	.04	.10
JAMESTOWN 2 NW																.02		.03	.02	.08	.07	.06	.11	.07	.46
JOHNSTOWN 2																						.01	.01	.07	.09
KANE 5 SE																					.01	.02	.04	.07	.14
LAURELTON STATE VILLAGE																								.05	.05
LEBANON 3 SW																								.01	.01
LEHIGHTON																							.01	.01	.02
LEWISTOWN																								.04	.04
LOCK HAVEN 2																							.01	.08	.09
MARIENVILLE																						.04	.02	.09	.15
MARTINSBURG		.01																			.01		.01	.04	.07
MARTINSBURG BLAIR CO AP 6																						*	*	*	.04
MEADOW RUN PONDS																								.01	.01
MEADVILLE 1 S																		.07	.06	.08	.10	.09	.10	.11	.61
MEDIX RUN																					.01	.04	.01	.09	.15
MERCER HIGHWAY SHED														.01			.02	.06	.12	.17	.11	.03	.09	.10	.71
MILAN																				*	*	*	*	*	*
MONROE FURNACE																								.07	.07
MOUNT UNION 1 NW //																				*	*	*	*	*	*
MURRYSVILLE																				.03	.04	.03	.08	.12	.30
NEW CASTLE 1 N																				.18	.10	.03	.09	.03	.43
PARKERS LANDING 1 E																		.01	.01	.01	.01	.06	.09	.09	.28
PARK PLACE 1 NW WB AP 6																			*	*	*	*	*	*	
PHILLIPSBURG 7 E AIRPORT																						.01	.01	.07	.09
PHOENIXVILLE 1 E PUMPING STATION		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PINE GROVE MILLS 1 S																						.01	.01	.07	.09
PITTSBURGH 7 SE WB AP //																				.03	.06	.03	.10	.09	.31
PITTSBURGH WB CITY																				.05	.07	.05	.08	.09	.34
PLEASANT MOUNT 1 W																								.01	.01
PORT CLINTON																								.01	.01
PUNXSUTAWNEY 2																				.01	.01	.01	.01	.11	.15
PUTNEYVILLE 2 SE																	.01			.01	.05	.01	.05	.10	.23
RAYMOND																						.01	.03	.03	.07
RENOVO 6 S STATE CAMP																							.01	.11	.12
RIDGWAY																					*	*	*	*	*
ROCHESTER 1 N																					*	*	*	*	*
SAXTON									.01	.02						.04	.01								.08
SCANDIA																	.01	.03	.01	.02	.03	.08	.02	.05	.25
SHADE GAP																							.01	.05	.06
SHEFFIELD 6 W CHERRY GROVE																			.01	.01	.02	.07	.01	.07	.19
SMETHPORT HIGHWAY SHED																						.01	.01	.04	.06
SPRING GROVE																								.02	.02
STATE COLLEGE																							.01	.05	.06
STROUDSBURG																							.01	.01	.02
TIONESTA 2 SE DAM //																				.03	.06	.07	.05	.06	.27
TITUSVILLE													.01	.01					.03	.10	.10	.12	.11	.12	.60
TUNNELTON //																				.01	.01	.01	.04	.11	.18
TYRONE 4 NE BALD EAGLE																							.03	.07	.10
UNION CITY 1 W																			.02	.09	.10	.08	.12	.12	.53
VANDERGRIFT 2 W																				.05	.04	.07	.12	.09	.37
WASHINGTON																				.05	.03	.04	.08	.04	.24
WAYNESBURG 2 W																.02				.05	.01	.01	.01	.10	.20
WILLIAMSPORT																								.06	.06
WIND GAP 3 SW																				*	*	*	*	*	*
YORK 2 S FILTER PLANT																		.01		.01		.01			.03
YOUNGSVILLE																			.03	.03	.08	.08	.02	.07	.31

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

—27th—

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ALBION	.09	.08	.06	.01																					.24
ALLENS MILLS	.10	.08	.06	.03	.01																				.28
ALLENTOWN BETHLEHEM-EASTON AIRPORT	.01	.10	.04	.04			.09	.05	.01																.34
AUSTINBURG 2 W	.04	.02		.01																					.07
AVOCA WILKES-BARRE SCRANTON AP 6	*	.06	*	*	*	*	*	.10																	
BLAIN	.05	.01			.01				.01	.01	.02	.01	.01												.13
BLAIRSVILLE 6 ENE 6	*	.11	*	*	*	*	*	.13	*	*	*	*	*	.02											
BLAKESLEE CORNERS		*	*	*	*	*	*	*																	*
BOSWELL	.03	.01	.06	.04				.04	.02		.01														.21
BROOKVILLE AP 6	*	.20	*	*	*	*	*	.11																	
BUCKSTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTLER SUBSTATION	.10	.08	.05	.02		.01		.01	.02																.29
CANTON 1 NW	.01	.01	.01	.04	.02	.01		.01																	.11
CARTER CAMP	.10	.05	.01	.02			.01	.01																	.20
CHAMBERSBURG	.06	.03		.01		.01																			.11
CLARION 3 SW	.10	.11	.08	.04	.02																				.35
COALPORT	.05	.01	.04	.01	.01	.01	.05																		.18
COATESVILLE 1 SW	.10	.06	.06	.06	.11	.04	.01	.01																	.45
CONFLUENCE 1 SW	.02	.02	.01	.04	.03																				.12
CONNELLSVILLE 4 N		.15	.02	.02	.07	.03	.02	.02	.01																.34
CRESSON 1 E SUMMIT	.02	.01	.04	.02	.01	.01	.01	.01	.01			.01		.01											.16
CURWENSVILLE 6 NW AP 6	*	.10	*	*	*	*	*	.11																	
DINGMANS FERRY	.02	.02		.02	.03	.03	.02	.02																	.16
DU BOIS 7 E	.09	.02	.06	.01	.01	.01																			.20
DUNLO	.04	.01	.02	.03	.02			.02	.02			.01													.17
DUSHORE	*	*	*	*	*	*	*	*	*	*	*	*	*	*											*
ENGLISH CENTER	.02	.08	.01																						.11
ERIE WB CITY	.09	.08	.06	.03																					.26
ERIE AP 6	*	.45	*	*	*	*	*	.16																	
EVERETT	.02							.01	.01	.02	.01	.01													.08
FORD CITY 4 S //	.06	.07	.02	.03	.01	.01																			.20
FRANKLIN	.13	.10	.07		.01	.01																			.32
GETTYSBURG 1 S	.06	.02																							.08
GLEN ROCK	.05	.04	.01	.01	.09	.04		.01																	.25
GOOD SPRINGS 1 NW		.05	.03	.06	.01	.01	.01																		.17
GREENSBURG 2 E HIGHWAY SHED	.05	.01	.06	.04																					.16
HARRISBURG 3 S WB AIRPORT	.03	.04	.01		.01	.03	.01																		.13
HAWLEY 1 S WALLEN DAM		.01			.01	.02	.02																		.06
HEWITT 2 S	.03																								.03
HOLLIDAYSBURG			.01	.01	.03									.01				.01							.07
HOLTWOOD		.02	.03	.01	.02	.05																			.13
HOME	.08	.02	.03	.07																					.20
HONESDALE 6 N TANNERS FALLS //	.01		.01			.03	.05																		.10
HUNTSDALE	.01	.01		.01	.01	.03				.01															.08
INDIANA 2 SE	.10	.04	.05	.05	.03	.01		.01																	.29
JACKSON SUMMIT	.06	.02		.01		.01					.01														.11
JAMESTOWN 2 NW	.06	.08		.05																					.19
JOHNSTOWN 2	.03	.01	.05	.02	.02																				.13
KANE 5 SE	.10	.11	.04	.01	.01	.01	.01	.01																	.30
LANCASTER 2 NE FILTER PLANT														.10	.04	.01	.05	.02			.01				.23
LAURELTON STATE VILLAGE	.03	.02		.02	.03	.01	.01	.01																	.13
LEBANON 3 SW	.04	.06	.01		.01	.06	.04	.01		.01															.24
LEHIGHTON		.01	.04	.02	.01	.02	.07	.01					.01												.19
LEWISTOWN	.08	.01	.01	.03	.03	.01	.01																		.18
LOCK HAVEN 2	.02	.02	.02	.01			.01	.01																	.09
MARIENVILLE	.09	.11	.02	.03	.03	.01																			.29
MARTINSBURG	.02			.01	.01	.01	.01	.01	.01																.08
MARTINSBURG BLAIR CO AP 6	*	.01	*	*	*	*	*	.04																	
MEADOW RUN PONDS	.06	.11	.08	.01	.03	.08	.11	.03																	.51
MEADVILLE 1 S	.06	.02																							.08
MEDIX RUN	.09	.01	.04	.01																					.15
MERCER HIGHWAY SHED	.10	.09	.02	.03																					.24
MERWINSBURG		.07	.02	.01	.01	.06																			.17
MILLERSBURG 2 E	*	*	*	*	*	*	*	*	*	*	*	*	*	.57											.57
MONROE FURNACE	.03	.03	.02	.02	.03			.01																	.14
MURRYSVILLE	.04	.01	.05	.05																					.15
NEFFS MILLS 4 NE	*	*	*	*	*	*	*	.50																	.50
NEW CASTLE 1 N	.08	.10	.07	.01	.01																				.27
PALMERTON		.03	.02	.02		.04	.07																		.18
PARKERS LANDING 1 E	.09	.12	.03	.05	.01	.01																			.31
PARK PLACE 1 NW WB AP 6	*	*	*	*	*	*	*	.20																	
PHILADELPHIA WB AIRPORT		.08	.08	.04	.08	.12	.18	.03	.02																.63
PHILADELPHIA POINT BREEZE		.06	.09	.03	.05	.08	.18	.08																	.57
PHILADELPHIA WB CITY		.07	.11	.03	.04	.08	.19	.06	.01																.59
PHILLIPSBURG 7 E AIRPORT	.06	.01	.01	.02	.02																				.12
PIKES CREEK	.01	.05	.07		.04	.06	.01			.01		.01													.26
PINE GROVE MILLS 1 S	.03	.02	.01	.02	.01	.02																			.11
PITTSBURGH 7 SE WB AP //	.03	.02	.02	.03			.01																		.11
PITTSBURGH WB CITY	.05	.03	.01	.01			.01																		.11
PLEASANT MOUNT 1 W	.02	.03	.01	.01	.02	.10	.03	.01		.01	.01														.25
PORT CLINTON	.08	.03	.02	*	*	*	.13	.01																	.27
PUNXSUTAWNEY 2	.09	.04	.03	.02																					.18
PUTNEYVILLE 2 SE	.08	.06	.03	.03																					.20
RAYMOND	.05	.07	.02	.02	.02			.01		.01		.01													.21
READING WB CITY	.03	.06	.03	.02			.02	.03	.01																.20
RENOVO 6 S STATE CAMP	.08	.01		.01	.02		.01	.02	.01	.02															.18
SCANDIA	.09	.09	.11	.06																					.35
SCRANTON WB CITY	.03	.05			.01	.02	.02																		.13
SELLERSVILLE 2 NW	.02	.10	.08	.02	.05	.05	.01	.02	.01	.01	.03	.01		.01											.42
SHADE GAP	.02		.01	.01	.01			.01																	.06
SHEFFIELD 6 W CHERRY GROVE	.03	.10	.09	.01	.01	.02																			.26
SMETHPORT HIGHWAY SHED	.07	.09	.06	.03	.01																				.26
SOUTH CANAAN 1 E	.01	.04	.01		.02	.01	.08																		.17
SPRING GROVE	.04	.03		.02	.01	.01	.01																		.12
STATE COLLEGE	.04	.02		.05	.01																				.12
STROUDSBURG		.05	.01	.01	.01	.05	.03	.01																	.17
SUNBURY	.02			.01	.03	.06	.01																		.13
SUNBURY AP 2 N 6	*	.05	*	*	*	*	*	.05																	
TAMAQUA 4 N STILL CREEK DAM	.01	.08	.02			.08	.03		.01																.23
TIONESTA 2 SE DAM //	.08	.10	.06	.02		.01																			.27
TITUSVILLE	.12	.12	.07	.01																					.32
TOWANDA						.01		.01	.02																.04
TUNKHANNOCK 1 S	.01	.03																							.04
TUNNELTON //	.05	.02	.05	.04	.01																				.17
TYRONE 4 NE BALD EAGLE	.03	.02	.01	.02	.01	.01																			.10
UNION CITY 1 W	.09	.08	.03	.04	.02																				.26
VANDERGRIFT 2 W	.02	.02	.08	.01																					.13
WASHINGTON	.01	.02	.06	.01	.01																				.11
WAYNESBURG 2 W	.03	.01	.06	.01	.01						.01	.01													.14
WEBSTER MILLS 3 SW		.06	.02																						.08
WELLSBORO 2 E	.07	.02		.01																					.10
WILLIAMSPORT	.03	.04	.01	.04		.01				.01	.01	.01													.19
YORK 2 S FILTER PLANT	.04	.03	.02	.01	.02	.01	.01	.01		.01															.16
YOUNGSVILLE	.06	.08	.05	.01		.01																			.21

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—28th—																									
ALBION																						.03	.04	.03	.10
ALLENS MILLS																				.01	.02	.06	.01	.02	.12
ALLENTOWN BETHLEHEM-EASTON AIRPORT																							.03	.04	.07
AUSTINBURG 2 W																							.01	.02	.03
BLAIN																.01		.02	.06	.02	.06	.02	.03	.02	.24
BLAIRSVILLE 6 ENE 6															*	*	*	*	*	.07	*	*	*	.09	
BOSWELL																.03	.07	.07	.02	.06	.03	.02	.05	.06	.41
BROOKVILLE AP 6															*	*	*	*	*	.02	*	*	*	.16	
BUCKSTOWN																.01	.07	.10	.03	.08	.01	.10	.08	.02	.50
BUTLER SUBSTATION																		.05	.03	.06	.01	.07	.07	.04	.33
CANTON 1 NW																				*	*	*	*	*	*
CARTER CAMP																			.01	.01	.01	.02	.01	.02	.08
CHAMBERSBURG																.06	.04	*	*	.12	.03	.02	.06	.01	.34
CLARION 3 SW																			.01	.03	.03	.03	.03	.02	.15
COALPORT																.01	.02	.07	.05	.04	.05	.06	.02	.01	.33
COATESVILLE 1 SW																.02	.05	.07	.06	.10	.06	.12	.11	.06	.65
CONFLUENCE 1 SW																	.01	.09	.05	.08	.06	.08	.02	.04	.43
CONNELLSVILLE 4 N																		.01	.05	.08	.07	.05	.12	.04	.42
CRESSON 1 E SUMMIT														*	*	*	*	*	*	*	*	*	*	*	*
CURWENSVILLE 6 NW AP 6															*	*	*	*	*	.01	*	*	*	.30	
DU BOIS 7 E																			.01	.01	.05	.01	.01	.02	.11
DUNLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUSHORE																				*	*	*	*	*	*
ENGLISH CENTER																						.03	.02	.01	.06
ERIE WB CITY																							.04	.03	.07
ERIE AP 6																					*	*	*	*	
EVERETT													*	*	*	*	*	*	*	*	*	*	*	*	*
FORD CITY 4 S //																	.03	.04	.05	.04	.05	.05	.05	.07	.38
FRANKLIN																				.02	.02	.05	.07	.07	.23
GETTYSBURG 1 S															.02	.07	.02	.08	.07	.04	.04	.06	.10	.02	.52
GLEN ROCK														.01	.03	.04	.04	.05	.07	.07	.05	.09	.09	.07	.61
GOOD SPRINGS 1 W																			*	*	*	*	*	*	
GREENSBURG 2 E HIGHWAY SHED																.03	.08	.07	.08	.04	.07	.03	.05	.04	.49
HARRISBURG 3 S WB AIRPORT																	.03	.04	.07	.05	.05	.05	.04	.03	.36
HEWITT 2 S													.01	.01	.02	.03	.02	.06	.06	.04	.04	.04	.01	.03	.37
HOLLIDAYSBURG															*	*	*	*	*	*	*	*	*	*	*
HOLTWOOD																.03	.03	.05	.05	.08	.02	.07	.08	.07	.48
HOME																.02	.01	.01	.03	.04	.01	.01	.02	.01	.16
HUNTSDALE															.01	.05	.04	.07	.03	.02	.06	.05	.07		.40
INDIANA 2 SE																	.03	.07	.03	.07	.10	.02	.03	.01	.36
JAMESTOWN 2 NW																					.02	.08	.09	.01	.20
JOHNSTOWN 2																	.04	.08	.04	.03	.06	.02	.02	.03	.32
KANE 5 SE																					.01	.04	.04	.02	.11
LANCASTER 2 NE FILTER PLANT																	.02	.05	.06	.08	.05	.05	.06	.06	.43
LAURELTON STATE VILLAGE																			.01	.01	.03	.02		.01	.08
LEBANON 3 SW																		.02	.06	.04	.05	.03	.06	.04	.30
LEWISTOWN																	.01	.01	.05	.02	.07	.02	.08	.01	.27
LOCK HAVEN 2																		.01	.01	.03	.04	.01	.01	.01	.12
MARIENVILLE																				.02	.04	.01	.01	.08	.16
MARTINSBURG															.01	.02	.04		.01	*	*	*	*	*	*
MARTINSBURG BLAIR CO AIRPORT 6															*	*	*	*	*	.08	*	*	*	.10	
MEADVILLE 1 S																					.02	.04	.03	.03	.12
MEDIX RUN																		*	*	*	*	*	*	*	*
MERCER HIGHWAY SHED																			.03	.05	.07	.08	.06	.02	.31
MILAN																				*	*	*	*	*	*
MILLERSBURG 2 E														*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE																				.01	.01	.03	.03	.01	.09
MONROE FURNACE																		.03	.06	.06	.12	.04	.06	.02	.39
MOUNT UNION 1 NW //																				*	*	*	*	*	*
MURRYSVILLE																.02	.13	.12	.03	.03	.05	.02	.02	.01	.43
NEFFS MILLS 4 NE																		.02	.05	.03	.07	.04	.19		.40
NEW CASTLE 1 N																					.03	.05	.02	.03	.13
PALMERTON																							.04	.04	.08
PARKERS LANDING 1 E																				*	*	*	*	*	*
PARK PLACE 1 NW WB AP 6																				*	*	*	*	*	*
PHILADELPHIA WB AIRPORT															.01	.02	.06	.05	.05	.09	.05	.06	.05	.14	.58
PHILADELPHIA POINT BREEZE																	.04	.05	.05	.10	.07	.07	.05	.13	.56
PHILADELPHIA WB CITY																	.04	.05	.05	.09	.07	.07	.05	.12	.54
PHILLIPSBURG 7 E AIRPORT														*	*	*	*	*	*	*	*	*	*	*	*
PINE GROVE MILLS 1 S																				*	*	*	*	*	*
PITTSBURGH 7 SE WB AP //																.04	.06	.12	.04		.02	.03	.01	.01	.33
PITTSBURGH WB CITY																.04	.06	.15	.10	.08	.07	.03	.02	.03	.58
PORT CLINTON																				.01	.01	.01	.07	.02	.12
PUNXSUTAWNEY 2															*	*	*	*	*	*	*	*	*	*	*
PUTNEYVILLE 2 SE																		.05	.08	.03	.04	.02	.03	.04	.29
RAYMOND																							.03	.05	.08
READING WB CITY																			.03	.09	.06	.05	.06	.04	.33
RENOVO 6 S STATE CAMP																			.01	.02	.02	.06	.02	.02	.15
RIDGWAY																			*	*	*	*	*	*	*
ROCHESTER 1 N																									
SAXTON															.01	.01	.07	.04	.04	.02	.03	.07	.01	.02	.32
SCANDIA																				*	*	*	*	*	*
SELLERSVILLE 2 NW																					.01	.01	.03	.04	.09
SHADE GAP		*	*	*	*	*	*	*	*	.56															*
SHEFFIELD 6 W CHERRY GROVE																						.07	.02	.07	.16
SMETHPORT HIGHWAY SHED																						.03	.05	.02	.10
SPRING GROVE														.01	.04	.05	.04	.09	.01	.02	.08	.06	.06	.03	.49
STATE COLLEGE																			.05	.04	.03	.04	.07	.05	.28
STROUDSBURG																						.01	.07	.06	.14
SUNBURY																			.01		.07	.02	.08	.02	.20
SUNBURY AP 2 N															*	*	*	*	*	.02	*	*	*	.18	
TAMAQUA 4 N STILL CREEK DAM																						.01	.07	.03	.11
TIONESTA 2 SE DAM //																				.01	.02	.05	.04	.08	.20
TITUSVILLE																						.02	.03	.03	.08
TUNNELTON //																			.07	.07	.06	.02	.03	.05	.03	.02	.35
TYRONE 4 NE BALD EAGLE																				.05	.01	.04	.01	.04	.01	.01	.17
UNION CITY 1 W																								.02	.05	.05	.12
VANDERGRIFT 2 W															*	*	*	*	*	*	*	*	*	*	*
WASHINGTON															.05	.10	.10	.16	.10	.04	.02	.05	.04	.05	.71
WAYNESBURG 2 W																.07	.09	.11	.09	.05	.07	.05	.05	.06	.64
WEBSTER MILLS 3 SW															.01	.02	.03	.03				.01		.01	.11
WELLSBORO 2 E																								.01	.01
WILLIAMSPORT																				.01	.03	.04	.02	.01	.11
WIND GAP 3 SW																				*	*	*	*	*	*
YORK 2 S FILTER PLANT															.01	.05	.03	.03	.08	.05	.05	.08	.04	.08	.50
YOUNGSVILLE																						.01	.06	.02	.09
—29th—																									
ALBION	.03	.01	.02																						.06
ALLENS MILLS	.08	.03	.04	.01	.01	.01	.01																		.19
ALLENTOWN BETHLEHEM-EASTON AIRPORT	.06	.04	.04	.04	.02	.05	.05	.01	.05	.01															.37
AUSTINBURG 2 W	.03	.03	.01	.03	.01	.02	.01	.01	.01																.16
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.12																	

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LAIN	.02	.02	.03	.04	.04	.02	.02	.06	.05	.05	.06	.09	.08			.01									.59
LAIRSVILLE 6 ENE 6	*	.03	*	*	*	*	*	.15	*	*	*	*	*	.03											
LAKESLEE CORNERS	*	*	*	*	*	*	*	*	.42																.42
OSWELL	.11	.07	.07	.01	.01	.05	.04																		.36
ROOKVILLE AIRPORT 6	*	.03	*	*	*	*	*	.12																	
UCKSTOWN	.03	.06	.03	.06	.02		.07	.01	.02		.05	.01													.36
UTLER SUBSTATION	.02		.01	.07	.01	.01		.02	.07	.11															.32
ANTON 1 NW	*	*	*	*	*	*	*	.15																	.15
ARTER CAMP	.02	.03	.05	.01	.01							.01		.01											.14
HAMBERSBURG	.01	.02	.02	.06	.02	.03	.04	.01	.02	.05	.05	.05													.38
LARION 3 SW	.02	.03	.03	.02	.02	.04	.01	.02	.02	.05	.07	.09	.05	.01											.48
OALPORT	.07	.05	.04	.02	.02	.01	.06		.01			.01						.01				.01	.05		.36
OATESVILLE 1 SW	.03	.02	.06	.12	.04	.07	.05	.03	.01	.02															.45
ONFLUENCE 1 SW	.09	.06	.10	.04	.03	.03	.06	.03	.02	.02															.48
ONNELLSVILLE 4 N	.04	.11	.06	.07	.03	.01	.02	.03	.01	.01															.39
RESSON 1 E SUMMIT	*	*	*	*	*	*	*	*	*	*	*	*	*	.77											.77
URWENSVILLE 6 NW AP 6	*	.08	*	*	*	*	*	.11																	
INGMANS FERRY	.02	.04	.02	.02	.07	.03	.05	.03	.03	.04															.35
RIFTWOOD	*	*	*	*	*	*	*	*	*	*	*	*	*	.70											.70
U BOIS 7 E	.06	.02	.01			.01	.01	*	*	*	*	*	*	.22											.33
UNLO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
USHORE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					*
MPORIUM	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–						–
NGLISH CENTER	.01	.02	.06	.02	.07	.03	.06	.01	.01	.02	.01	.01													.33
RIE WB CITY	.04	.01	.01																						.06
RIE AP 6	*	.13	*	*	*	*	*	.02	*	*	*	*	*	.01											
VERETT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.88					.88
ORD CITY 4 S //	.04	.04	.04	.03	.03	.02	.03	.03	.04	.05															.35
RANKLIN	.04	.04	.03	.01		.02																			.14
ETTYSBURG 1 S	.06	.04	.07	.04	.06	.03	.06	.01	.01		.01	.01	.01												.41
LEN ROCK	.02	.03	.05	.06	.07	.04	.04	.03	.01	.02	.02	.01	.02												.42
OOD SPRINGS 1 NW	*	*	*	*	*	*	*	*	*	*	*	.43													.43
REENSBURG 2 E HIGHWAY SHED	.01		.02	.03	.01	.01	*	*	*	*	*	*	*	.13											.21
ARRISBURG 3 S WB AIRPORT	.02	.03	.04	.05	.05	.05	.03	.03	.02	.02				.01											.35
AWLEY 1 S WALLEN DAM		.01	.03	.04	.03	.03		.03	.03	.02	.02	.01													.25
EWITT 2 S	.04	.03	.05	.04	.02	.02	.02																		.22
OLLIDAYSBURG	*	*	*	*	*	*	*	*	*	.96															.96
OLTWOOD	.02		.05	.10	.05	.03	.04	.03		.03	.01	.01													.37
OME				.02	.01	.01			.03	.08	.11	.11	.10												.47
ONESDALE 6 N TANNERS FALLS //										.02	.06	.04	.04	.07	.05	.01	.01								.30
UNTSDALE	.02	.07	.07	.04	.02	.05	.02	.03	.04	.05	.07	.08	.04	.01											.61
NDIANA 2 SE	.10	.05	.03	.04	.01	.04	.01	.01	.07	.03															.39
ACKSON SUMMIT	.01	.04	.03	.02		.01	.01	.01	.02																.15
AMESTOWN 2 NW	.04	.04	.02																						.10
OHNSTOWN 2	.04	.08	.07	.03	.02	.01	.05	.01	.01	.02															.34
ANE 5 SE	.02	.03	.01	.01																					.07
ANCASTER 2 NE FILTER PLANT	.04	.02	.08	.10	.04	.07	.05	.04	.01	.01		.01													.47
AURELTON STATE VILLAGE				.01			.01	.03	.04	.03	.05	.05	.07	.09	.06	.03									.47
EBANON 3 SW	.02	.06	.04	.06	.04	.06	.05	.02	.02	.02	.01	.01													.41
EHIGHTON										.02	.02	.07	.02	.01	.06	.03	.07	.03	.04	.05	.01	.02			.45
EWISTOWN	.01	.03	.04	.03	.06	.04	.06	.03	.01																.31
OCK HAVEN 2	.07	.02	.05	.05	.01	.07																			.27
ARIENVILLE	.01	.01	.02	.02	.02	.01			.01	.01															.11
ARTINSBURG	*	*	*	*	*	*	*	*	*	*	*	*	*	.63						.01		.01			.73
ARTINSBURG BLAIR CO AP 6	*	.03	*	*	*	*	*	.17	*	*	*	*	*	.07											
EADOW RUN PONDS	.01	.02	.02	.05	.10	.09	.10	.06	.04	.12	.08														.69
EADVILLE 1 S	.02	.02	.04	.02		.01																			.11
EDIX RUN	*	*	*	*	*	*	*	*	*	*	*	.47													.47
ERCER HIGHWAY SHED	.03	.02																							.05
ERWINSBURG		.01	.01		.01	.03			.03	.05	.07	.08	.07												.36
ILAN	*	*	*	*	*	*	*	*	*	*	*	*	*	.45											.45
ILLERSBURG 2 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.79					.79
ILLVILLE	.01	.02	.03	.04	.01	.03	.03	.01	.01																.19
ONROE FURNACE	.01	.05	.02	.04	.09	.04	.05	.02	.02	.02	.01														.37
OUNT UNION 1 NW //	*	*	*	*	*	*	*	.85																	.85
URRYSVILLE				.01	.01	.01		.01	.03	.03	.03	.09	.10	.12	.03										.47
EFFS MILLS 4 NE	.06	.02	.01	.02	.03	.03	.03	.02	.07	.06	.04	.01													.40
EW CASTLE 1 N	.05	.01	.01					.01																	.08
ALMERTON	.02	.02	.03	.04	.05	.04	.04	.04	.02																.30
ARKERS LANDING 1 E	*	*	*	*	*	*	*	.53																	.53
ARK PLACE 1 NW WB AP 6	*	*	*	*	*	*	*	.31	*	*	*	*	*	.06											
HILADELPHIA WB AIRPORT	.07	.03	.06	.10	.11	.11	.07	.05	.02	.05	.03														.70
HILADELPHIA POINT BREEZE	.07	.06	.08	.11	.14	.10	.06	.10	.03	.05	.04														.84
HILADELPHIA WB CITY	.07	.06	.08	.12	.13	.11	.06	.09	.02	.04	.05														.83
HILLIPSBURG 7 E AIRPORT	*	*	*	*	*	*	*	*	*	*	*	*	*	.51											.51
HOENIXVILLE 1 E	*	*	*	*	*	*	*	1.70		.01	.03	.02													1.76
IKES CREEK				.01						.01	.02	.05	.05	.09	.07										.30
INE GROVE MILLS	*	*	*	*	*	*	*	*	*	.85															.85
ITTSBURGH 7 SE WB AP	.01	.02	.01	.01	.02	.02	.01		.03	.01	.01														.15
ITTSBURGH WB CITY	.05	.02	.05	.08	.06	.04	.03	.05	.05	.02															.45
ORT CLINTON	.06	.03	.08	.11	.13	.08	.10	.10	.01	.02	.01														.73
UNXSUTAWNEY 2	*	*	*	*	.68			.01		.02															.71
UTNEYVILLE 2 SE	.03	.02	.01	.01	.01	.06	.24	.05	.02	.01		.01													.47
AYMOND	.02	.04	.02	.03	.01	.01	.01	.01																	.15
EADING WB CITY	.02	.07	.07	.11	.06	.08	.08	.12	.05	.01	.01	.01													.69
ENOVO 6 S STATE CAMP	.06	.04	.02	.08	.08	.01	.02	.04	.01																.36
IDGWAY	*	*	*	*	*	*	.66																		.66
OCHESTER 1 N	*	*	*	*	*	*	*	*	*	*	*	*	*	1.10											1.10
AXTON	.07	.06	.04	.02	.02	.04	.02	.01	.01	.05	.02	.01													.37
CANDIA	*	*	*	*	*	*	*	.15																	.15
CRANTON WB CITY				.04	.05	.04	.05	.03		.01															.22
ELLERSVILLE 2 NW	.04	.05	.04	.08	.05	.05	.04	.04	.01	.01															.41
HADE GAP									*	.56															.56
HEFFIELD 6 W CHERRY GROVE	.01			.01	.01																				.03
METHPORT HIGHWAY SHED	.01	.03		.03			.01	.02				.01													.11
OUTH CANAAN 1 E												.02		.01	.05	.04	.03	.01							.16
PRING GROVE	.09	.05	.09	.34																					.57
TATE COLLEGE	.01	.04	.05	.05	.04	.03	.04	.03	.01	.01															.31
TROUDSBURG	.01	*	*	*	*	*	.25	.03																	.29
UNBURY		.01	.07	.02	.07	.03	.07	.02	.15	.01	.02			.02											.49
UNBURY AP 2 N 6	*	.02	*	*	*	*	*	.25	*	*	*	*	*	.05											
AMAQUA 4 N STILL CREEK DAM	.02	.06	.02	.07	.03	.06	.05	.07																	.38
IONESTA 2 SE DAM //	.05	.02	.01		.01	.01																			.10
ITUSVILLE		.02	.01	.01				.01	.01	.01															.07
OWANDA		.03		.10	.01	.05	.02	.02	.01																.24
UNKHANNOCK 1 S			.06	.05	.06	.04	.04	.05	.04																.34
UNNELTON //	.03	.01	.01	.01	.03	.03	.02	.02	.03	.04	.07	.09	.02												.41
YRONE 4 NE BALD EAGLE	.02	.04	.01	.01		.01		.01																	.10
NION CITY 1 W	.03	.02	.01	.01																					.07
ANDERGRIFT 2 W	*	*	*	*	*	*	*	*	.67																.67
ASHINGTON	.02	.01	.01	.03	.02	.02	.01	.01	.01																.14
AYNESBURG 2 W	.04	.02	.02	.05	.01	.01																			.15
EBSTER MILLS 3 SW	.05	.04	.02	.03	.05	.01	.02	.02	.01	.02	.06	.06	.05	.09	.07	.03									.63
ELLSBORO 2 E	.01	.02	.02	.02		.02	*	*	*	.14															.23
ILLIAMSPORT	.03	.02		.01	.01	.01	*	*	*	.30															
IND GAP 3 SW	*	*	*	*	*	*	*	*	*	*	*	*	*	.65											.65

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4–Continued

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
YORK 2 S FILTER PLANT	.01	.07	.03	.07	.03	.07	.04	.03	.02		.01	.01													.39
YOUNGSVILLE	.02			.02																					.04
											–30th–														
BLAIN								.01		.01		.01													.03
CANTON 1 NW										.01	.02	.03		.01						.01				.01	.09
COATESVILLE 1 SW					.01	.01	.01	.01	.01	.01															.06
EAGLES MERE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MONTROSE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MURRYSVILLE											.01	.01													.02
TUNNELTON //																.01									.01

Table 5

DAILY TEMPERATURES

PENNSYLVANIA

NOVEMBER 1948

Station		Day of month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION	MAX	62	64	61	63	73	65	52	63	67	45	53	52	49	46	43	53	48		52	52	50	59	48	49	48	52	43	49	42	42		53.3
	MIN	46	48	46	40	44	40	28	31	37	38	27	33	38	27	30	27	32		34	30	33	32	33	31	23	33	31	31	28	33		33.9
ALLENTOWN-BETH-EAST WB AP	MAX	68	52	53	67	67	78	61	61	65	66	55	55	55	50	55	54	60	65	67	69	50	45	50	53	50	55	59	43	39	45		57.1
	MIN	46	41	38	53	59	50	42	34	40	45	35	32	42	35	31	30	39	34	32	41	33	34	38	35	30	26	38	32	31	26		37.4
ALLENTOWN GAS CO	MAX	66	69	54	63	68	69	78	61	61	65	66	55	57	58	43	55	56	61	64	70	71	51	47	50	53	50	54	60	48	40		58.8
	MIN	36	47	40	43	59	60	50	39	39	46	39	33	35	35	36	31	36	32	33	39	38	36	39	37	37	28	29	35	33	27		38.2
ALTOONA HORSESHOE CURVE	MAX	61	54	47	59	67	67	55	60	54	53	52	51	49	50	47	55	54	59	51	60	54	42	46	43	47	54	52	43	39	43		52.3
	MIN	50	46	42	46	52	52	45	33	33	38	28	32	38	33	39	30	39	30	42	45	33	33	34	29	29	27	43	29	31	30		37.0
ARENDTSVILLE	MAX	59	62	50	54	64	78	77	60	60	56	68	52	57	58	52	54	56	61	62	66	64	57	47	48	53	49	55	59	45	45		57.6
	MIN	42	46	42	42	53	57	49	33	32	34	32	32	36	38	34	29	34	30	31	42	34	36	41	33	33	26	27	36	32	27		36.4
AVOCA WILKES BARRE AP	MAX	69	55	55	64	67	74	57	57	64	71	50	52	50	47	49	49	55	61	64	67	45	44	45	48	44	52	56	41	38	40		54.3
	MIN	47	43	38	53	58	49	41	35	40	40	34	35	38	34	40	34	37	33	40	41	38	37	36	33	31	29	37	33	32	29		38.2
BAKERSTOWN 4 WNW	MAX	58	60	62	64	68	79	57	55	53	65	61	49	52	52	46	47	59	53	64	63	47	53	50	40	45	49	57	50	45	47		55.0
	MIN	46	49	50	44	36	45	30	30	28	35	25	25	30	28	28	26	27	27	31	31	27	35	26	26	23	23	39	24	24	29		31.6
BEAVERTOWN	MAX	57	57	52	61	65	65	60	61	55	69	52	52	53	49	49	54	56	59	55	68	52	44	45	49	49	54	54	49	40	42		54.2
	MIN	46	49	40	49	55	59	51	32	36	45	30	28	41	32	38	27	42	27	30	46	35	33	38	29	28	24	42	29	31	26		37.3
BELLEFONTE ROCKVIEW FARM	MAX	64	63	56	61	61	71	72	55	59	63	62	51	50	51	52	47	53	53	59	62	53	50	45	40	47	48	53	52	41	37		54.4
	MIN	30	49	42	43	52	58	47	34	36	37		29	32	31	31		29	29	30	47		33	37	28	28	25	26	31	31	30		35.4
BERWICK	MAX	70	62	59	63	68	77	73	67	60	75	52	55	55	50	52	52	58	61	58	70	53	45	47	51	50	57	58	49	42	42		57.7
	MIN	43	48	40	52	57	65	46	32	39	51	32	30	44	30	36	30	43	28	34	50	37	35	38	33	35	27	46	29	32	27		39.0
BLAIRSVILLE 6 ENE	MAX	54	51	51	67	75	68	50	62	63	60	48	52	48	47	42	61	50	62	59	60	49	45	42	41	46	62	46	38	35	41		52.5
	MIN	50	41	42	48	48	46	40	38	42	30	28	38	30	28	35	35	39	38	46	38	32	39	29	28	27	36	30	29	30	32		36.4
BRADFORD 4 W RES NO 1	MAX	61	56	52	65	71	68	52	59	60	61	47	46	47	39	42	53	50	58	55	61	42	43	44	38	47	55	53	40	38	40		51.4
	MIN	44	43	41	48	40	51	42	25	29	35	25	27	36	24	35	25	40	23	33	39	36	30	35	31	28	22	39	28	31	31		33.9
BROOKVILLE AIRPORT	MAX	57	53	52	66	73	69	52	62	62	62	48	51	47	44	45	57	50	62	59	61	50	46	42	45	46	58	48	40	37	42		52.9
	MIN	49	47	44	48	48	49	30	27	31	30	27	27	34	29	28	26	29	23	42	40	34	35	32	28	26	25	29	28	32	32		33.6
BURGETTSTOWN 3 W	MAX	63	64	68	58	69	83	57	56	66	65	57	53	52	50	50	48	60	55	67	67	47	55	51	42	45	51	56	52	41	42		56.3
	MIN	32	47	49	46	37	39	43	26	27	49	25	28	31	28	31	22	27	23	26	45	29	32	28	24	19	20	30	26	31	33		31.8
BURNT CABINS 2 NE	MAX	60	52	48	62	67	70	58	60	54	66	53	53	54	50	52	56	58	59	60	61	58	42	46	50	47	54	54	41	37	44		54.2
	MIN	40	42	40	48	42	50	33	26	34	35	23	23	40	32	30	22	28	22	30	37	30	30	31	24	23	24	36	28	27	22		31.7
BUTLER	MAX	65	60	61	69	70	77	62	60	64	65	45	52	51	49	49	58	60	58	67	63	50	55	50	45	58	58	59	47	40	45		57.1
	MIN	50	50	48	49	40	55	40	28	33	37	30	29	43	30	32	24	44	24	46	45	32	34	34	32	32	25	41	25	27	35		36.5
CANTON 1 NW	MAX	65	65	49	55	64	67	68	53	56	59	62	48	48	50	44	44	48	49	60	64	51	57	42	42	40	44	49	48	52	33		52.5
	MIN	32	44	35	34	54	55	44	34	34	40	30	31	35	27	27	29	30	31	31	43	34	34	36	31	29	31	34	32	29	29		34.6
CARLISLE	MAX	63	60	52	61	65	78	71	61	55	68	55	57	56	52	55	55	61	60	55	68	58	50	50	52	52	56	62	52	47	40		57.6
	MIN	45	44	38	44	47	59	45	30	32	45	28	26	40	34	32	27	40	26	30	43	31	35	30	29	31	23	42	31	28	23		35.3
CHAMBERSBURG	MAX	65	52	50	60	69	76	59	63	49	71	54	55	56	51	53	57	60	60	52	66	57	43	48	52	50	56	57	44	39	46		55.7
	MIN	48	47	42	48	48	52	44	33	34	38	28	30	41	34	33	27	43	28	33	38	36	37	36	33	32	26	36	32	32	26		36.5
CLARION 3 SW	MAX	57	56	52	67	74	71	56	61	64	62	50	51	50	44	47	59	55	63	63	60	52	49	46	41	48	59	50	40	40	43		54.3
	MIN	46	46	43	44	38	47	34	25	29	33	23	27	38	24	36	22	37	22	22	39	31	33	31	28	24	22	33	25	29	30		32.0
CLAYSVILLE	MAX	61	66	53	68	83	74	55	66	64	66	52	52	48	50	48	61	61	67	67	62	55	50	47	45	52	59	51	41	39	46		57.0
	MIN	54	52	49	51	45	48	35	29	38	37	30	33	40	28	33	33	35	28	44	44	29	34	27	24	21	31	31	27	32	30		35.7
COALPORT	MAX	68	63	51	55	60	70	67	54	61	62	61	50	62	50	50	41	58	52	60	61	50	53	45	36	43	45	57	50	39	42		53.9
	MIN	30	46	42	42	41	40	45	26	26	30	27	28	28	31	32	22	25	22	25	46	31	30	33	26	22	21	23	23	28	24		30.5
COATESVILLE 1 SW	MAX	65	62	56	61	72	69	78	61	64	63	65	54	59	62	51	55	57	63	64	70	70	56	51	50	54	50	57	60	43	40		59.4
	MIN	33	49	40	45	59	60	49	29	29	44	34	28	34	35	29	29	31	30	29	38	33	33	39	34	35	25	26	32	34	26		35.7
COLUMBIA	MAX	61	56	53	68	70	76	65	65	59	71	58	58	59	54	54	59	64	66	58	72	60	53	52	55	52	58	62	52	41	45		59.2
	MIN	49	40	37	51	50	64	51	34	37	54	35	30	45	36	34	29	41	29	34	32	39	37	43	34	34	27	47	37	33	26		39.0
CONFLUENCE 1 SW	MAX	64	59	56	53	68	75	63	56	62	63	60	52	55	46	52	51	58	57	64	64	51	55	47	41	45	50	62	50	42	38		55.3
	MIN	35	49	47	46	43	44	45	30	30	32	25	27	30	33	34	26	28	25	26	48	34	31	34	29	28	24	26	28	32	33		33.4
CORRY	MAX	60	56	54	67	75	68	54	60	62	57	48	48	48	48	44	53	53	62	60	60	45	47	45	38	46	52	48	39	37	41		52.5
	MIN	47	46	44	50	47	52	40	28	40	34	30	34	35	28	38	28	40	27	43	39	35	34	34	35	29	34	38	32	32	34		36.9
COUDERSPORT	MAX	70	55	49	66	69	68	50	51	59	60	48	46	45	46	45	50	49	62	64	59	43	42	43	42	38	46	52	49	40	40		51.5
	MIN	34	41	39	48	49	50	34	29	34	29	27	28	22	27	30	25	37	21	28	36	30	34	33	31	29	25	22	39	27	30		32.3
CURWENSVILLE 6 NW AIRPORT	MAX	57	50	47	63	64	65	51	56	57	55	45	45	46	43	42	51	47	56	56	58	45	41	41	41	44	51	47	34	34	40		49.1
	MIN	47	42	39	47	51	45	34	29	34	30	26	31	32	27	27	27	29	28	38	36	30	34	26	26	22	30	28	25	25	24		32.3
DERRY	MAX	58	61	55	71	81	74	56	67	64	66	52	56	52	52	47	63	57	68	63	66	55	51	46	45	48	66	55	43	39	48		57.5
	MIN	53	46	47	54	44	53	44	30	39	38	29	31	42	32	38	27	41	38	51	46	34	36	32	28	29	41	40	27	32	36		38.6
DONEGAL	MAX	54	55	49	67	78	69	50	62	61	60	46	53	48	46	44	59	50	64	64	61	56	44	40	40	43	62	45	40	34	40		52.8
	MIN	50	40	42	45	34	43	27	22	31	27	23	25	30	27	27	23	27	23	41	33	30	30	26	21	20	24	28	24	28	24		29.8
DONORA	MAX	65	64	68	66	77	84	56	59	70	68	49	55	58	48	52	57	64	61	69	70	53	56	51	46	47	63	64	55	48	46		59.6
	MIN	48	53	52	54	44	55	48	37	45	49	35	39	44	38	46	32	43	34	52	50	44	45	38	34	31	34	48	38	38	38		42.9
EAGLES MERE	MAX	58	63	51	56	57	65	62	52	52	58	63	45	45	46	43	44	44	48	55	62	55	40	42	40	40	42	48	58	37	32		50.1
	MIN	46	44	36	39	54	54	45	35	36	41	28	28	33	25	25	28	30	32	34	42	34	34	34	31	29	30	32	29	29	26		34.8
EAST WATERFORD 3 E	MAX	55	54	45	56	61	65	55	58	51	62	48	49	45	47	44	54	52	58	55	61	51	42	42	45	43	51	50	40	32	40		50.4
	MIN	50	42	37	45	53	55	44	40	39	36	29	40	38	31	39	35	40	40	42	41	36	36	32	30	31	34	40	30	29	27		38.0
EBENSBURG	MAX	64	56	48	51	65	68	57	49	57	60	55	46	47	43	47	41	57	49	58	58	44	48	42	35	43	42	57	46	36	36		50.2
	MIN	49	47	40	41	46	49	40	31	35	44	26	32	39	29	37	30	37	31	34	42	32	35	29	27	26	27	35	27	29	30		35.2
EMPORIUM	MAX	61	63	53	57	69	71	62	55	61	65	58	50	48	49	46	45	54	50	62	65	49	45	44	45	40	49	56	51	41	38		53.4
	MIN	38	45	43	45	49	58	45	25	28	32	27	25	28	25	33	29	30	23	26	45	38	32	34	31	27	22	31	28	32	32		33.5
EPHRATA	MAX	63	47	54	68	70	77	72	66	60	68	54	58	54	54	53	54	65	67	60	68	58	57	54	57	54	56	62	49	39	44		56.4
	MIN	49	47	40	53	59	63	50	36	41	59	35	34	44	36	35	34	42	32	36	52	39	38	42	37	40	29	47	35	33	29		41.5
ERIE WB CITY	MAX	59	61	56	70	77	74	51	60	67	67	52	51	48	49	48	58	55	61	62	62	49	53	43	41	50	54	49	42	40	43		55.1
	MIN	53	50	49	56	57	51	45	41	49	37	36	42	41	36	42	38	44	40	47	41	41	43	38	38	37	41	39	36	36	38		42.7
EVERETT	MAX	66	51	50	60	68	60	60	60	50	50	51	54	56	48	52	57	58	59	60	57	57	54	47	48	48			41	38	48		53.9
	MIN	46	46	44	49	49	35	35	30	32	27	26	22	24	22	15	15	15	26	34	29	21	22	25	17	16			22	21	13		27.8
FARRELL SHARON	MAX	53	56	55	61	66	65	58	53	55	55	47	47	43	42	44	49	54	64	63	63	53	50	49	41	49	49	49	41	40	46		52.0
	MIN	49	52	48	50	51	53	33	27	37	31	29	36	37	32	29	28	33	30	49	43	38	41	37	35	27	38	37	36	36	38		38.0

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FORD CITY 4 S	MAX	60	59	59	55	67	78	60	55	65	65	53	51	55	50	48	48	60	55	65	64	49	54	49	39	45	47	61	51	42	41		55.0
	MIN	31	48	46	47	37	38	43	27	28	33	27	28	29	30	31	22	23	29	26	46	29	35	31	25	24	22	26	25	29	29		31.5
FRANKLIN	MAX	57	59	57	55	68	76	57	57	60	65	50	51	51	48	46	47	58	54	63	62	48	54	53	39	42	49	55	50	42	42		55.7
	MIN	33	49	47	47	43	45	43	28	28	34	31	31	33	28	28	27	27	27	28	44	38	38	25	33	28	28	28	33	32	35		34.0
FREDERICKSVILLE 1 SE	MAX	67	62	50	66	65	75	72	62	61	64	58	55	55	49	54	53	60	63	57	69	57	48	49	51	48	52	58	50	41	45		57.2
	MIN	40	47	40	40	44	63	50	40	40	58	40	30	44	31	28	35	41	31	50	50	34	33	40	32	36	26	48	31	31	32		39.5
FREELAND	MAX	67	60	48	58	61	67	66	65	53	62	58	50	47	43	37	49	53	62	53	63	44	40	42	42	45	47	54	47	41	40		52.1
	MIN	47	41	36	45	55	59	44	35	38	43	29	36	38	28	33	32	37	36	36	42	34	36	34	32	31	32	40	29	30	27		37.2
GEORGE SCHOOL	MAX	65	54	53	70	64	79	70	63	63	67	64	58	60	52	57	55	63	63	61	72	56	48	54	55	48	51	61	45	45	46		58.7
	MIN	44	45	38	53	53	59	47	32	38	57	35	31	42	32	31	29	38	29	27	52	32	33	40	35	33	24	43	31	31	23		37.9
GETTYSBURG	MAX	58	63	52	57	64	70	76	61	63	58	68	53	58	58	52	55	55	62	63	68	65	59	49	49	53	50	56	59	42	40		57.9
	MIN	41	50	42	44	50	59	51	34	35	41	35	32	38	38	35	32	38	32	34	43	44	39	41	36	33	27	32	36	32	27		38.4
GORDON	MAX	64	60	50	62	63	69	72	60	57	70	50	53	53	48	49	50	56	62	56	66	54	45	45	47	46	52	55	48	39	39		54.7
	MIN	45	45	37	47	53	60	46	28	32	50	29	27	43	29	29	25	40	24	30	50	28	30	39	29	32	33	23	31	32	25		35.7
GREENSBURG 2 S FILTER STA	MAX	57	63	55	70	83	76	56	69	64	66	52	59	53	50	48	64	60	68	68	66	54	51	48	45	49	65	51	46	40	47		58.1
	MIN	53	44	50	45	35	51	45	26	29	38	22	27	41	32	31	22	35	23	34	46	29	30	27	24	23	21	35	23	33	31		33.5
GREENVILLE	MAX	60	64	52	69	77	70	57	61	63	63	52	49	48	45	46	55	55	63	62	60	53	49	47	43	49	48	48	40	42	44		54.5
	MIN	49	50	45	51	48	52	40	26	37	32	27	31	40	28	38	25	38	25	43	41	36	40	35	33	22	32	38	31	34	36		36.8
HANOVER	MAX	63	55	60	66	72	78	69	65	61	72	59	60	57	53	56	58	63	67	69	68	59	49	50	54	51	59	60	48	38	42		59.4
	MIN	46	49	39	43	55	59	50	35	38	44	32	33	37	34	35	30	35	32	35	47	39	41	41	35	36	29	32	37	32	27		38.6
HARRISBURG 3 S WB AIRPORT	MAX	63	54	52	63	69	77	60	60	54	71	53	55	57	53	53	56	60	60	67	70	56	45	48	54	49	55	58	44	41	46		56.8
	MIN	51	44	43	51	58	53	44	36	40	42	35	33	44	39	39	31	39	32	36	45	37	40	40	35	32	30	43	32	33	30		39.6
HAWLEY	MAX	67	55	48	63	66	75	67	61	60	72	53	52	53	47	55	52	59	61	49	68	52	42	47	51	47	51	55	41	37	41		54.9
	MIN	38	35	30	48	45	62	35	30	29	47	32	27	39	32	30	27	32	26	21	39	33	31	32	31	28	21	35	28	28	21		33.1
HEWITT 2 S	MAX			72	59	67	75	62	63	58	53	56	54	56	54	57	60	63	59	60	60	61	50		52	52	58	59	51	44	50		58.0
	MIN			44	49	50	50	26	25	27	27	29	23	28	25	30	22	21	39	29	26	25	30		27	25	30	32	26	26	25		30.2
HOLTWOOD	MAX	59	59	57	66	66	74	61	64	63	68	54	57	55	54	54	55	61	59	66	66	57	51	50	51	50	55	59	43	41	46		57.4
	MIN	52	45	45	57	57	54	43	41	43	45	39	37	45	41	38	36	40	37	37	46	41	41	43	41	36	34	42	37	37	34		42.1
HUNTINGDON	MAX	60	65	54	51	63	72	73	59	64	62	64	55	55	54	53	50	58	59	65	67	57	58	47	44	50	51	58	55	47	41		57.0
	MIN	37	47	46	46	50	54	54	29	30	31	24	26	29	36	36	21	28	25	25	39	38	31	31	31	26	23	25	31	32	28		33.6
INDIANA 2 SE	MAX	65	57	53	69	76	72	55	65	65	65	50	54	50	48	47	61	55	66	60	65	52	49	46	47	42	62	51	43	42	39		55.7
	MIN	50	44	46	47	41	50	43	27	34	37	30	27	32	29	36	23	38	24	42	45	29	31	33	24	23	25	35	22	32	33		34.4
INDIANA	MAX	62	57	52	67	74	71	54	64	64	63	49	54	53	47	46	60	55	64	60	64	51	49	45	45	45	60	55	46	40	43		55.3
	MIN	55	48	46	51	48	47	44	33	45	37	30	35	41	31	40	30	42	33	47	44	33	39	33	30	27	35	43	28	32	33		38.7
IRWIN	MAX	59	60	59	66	77	77	52	65	65	60	48	53	53	47	47	60	60	60	63	62	51	50	47	45	50	55	55	47	40	47		56.0
	MIN	52	49	47	51	45	50	44	30	37	35	28	32	40	32	41	28	42	28	45	44	35	37	31	26	28	30	44	27	33	37		36.6
JAMESTOWN 2 NW	MAX	57	60	63	59	69	77	59	59	60	53	45	52	59	48	46	47	58	53	61	63	47	53	50	37	42	50	48	48	40	42		53.5
	MIN	42	49	45	48	48	51	40	27	32	33	26	29	36	25	33	27	30	27	29	43	35	38	25	24	23	24	35	30	32	34		34.0
JOHNSTOWN 1	MAX	67	61	54	60	72	75	64	63	64	62	57	55	55	50	54	48	62	57	66	62	51	57	47	43	47	50	65	52	42	40		56.7
	MIN	40	53	46	47	46	51	47	33	33	43	32	32	35	34	40	31	34	30	35	45	41	36	35	31	30	27	30	34	34	35		37.3
KANE 1 NW	MAX	55	52	52	65	70	67	52	58	60	59	45	47	46	42	42	52	47	58	58	60	43	44	40	39	45	54	46	38	35	41		50.4
	MIN	45	45	41	40	40	48	26	22	30	31	23	27	33	24	24	23	25	21	31	37	31	33	32	29	25	24	34	29	31	31		31.2
LANCASTER 2 NE PUMP STA	MAX	60	58	55	69	70	76	72	64	58	67	60	57	60	52	55	55	64	62	60	69	57	50	50	52	52	56	60	51	41	46		58.6
	MIN	46	49	38	50	51	60	47	32	33	54	34	29	43	31	30	28	37	26	29	55	35	34	43	33	37	25	46	31	33	24		38.1
LANCASTER 3 NE EXP FARM	MAX	65	59	49	62	69	70	72	60	61	64	68	54	57	64	51	49	55	61	62	69	69	55	50	49	51	50	56	59	43	44		58.2
	MIN	40	47	39	43	57	58	49	34	37	43	35	33	31	34	33	27	39	29	34	46	35	37	39	34	38	28	32	35	32	28		37.5
LAWRENCEVILLE	MAX	67	57	57	69	70	71	56	60	63	65	52	48	53	58	46	56	58	64	57	66	46	46	47	43	50	55	53	42	40	44		55.3
	MIN	44	48	37	50	50	56	44	27	33	40	30	30	41	26	38	29	40	24	26	45	39	34	40	33	31	23	41	27	31	32		36.3
LEBANON	MAX	61	54	62	65	68	75	66	63	63	77	61	56	58	51	53	55	61	64	68	66	60	45	49	54	50	55	59	46	41	45		58.4
	MIN	36	49	40	43	57	60	49	35	37	43	34	32	35	35	34	31	35	30	32	40	35	35	39	35	36	29	32	33	33	27		37.4
LEWISTOWN	MAX	63	62	53	54	63	73	76	60	65	60	70	57	55	55	52	51	55	60	63	68	60	59	47	47	53	53	52	58	44	40		57.6
	MIN	45	48	45	45	52	57	52	35	34	37	31	30	31	37	36	30	31	30	29	46	38	38	40	33	31	26	26	33	33	26		36.8
LOCK HAVEN 1	MAX	57	65	53	54	65	74	75	59	61	64	67	56	51	55	51	50	52	56	60	68	56	49	46	43	47	52	54	58	42	40		56.0
	MIN	34	47	43	43	52	55	50	33	31	33	31	28	30	28	36	28	30	28	30	40	37	34	38	31	30	25	26	28	32	32		34.8
MARCUS HOOK	MAX	60	66	60	61	74	69	79	68	66	65	66	61	62	62	58	64	59	69	69	69	72	63	53	57	66	59	61	66	45	42		63.0
	MIN	44	51	47	50	58	60	54	45	47	50	39	42	46	40	41	41	44	44	40	46	50	44	45	41	44	36	36	42	38	34		44.6
MARTINSBURG BLAIR CO AP	MAX	60	52	49	63	67	68	54	60	55	60	50	52	50	48	47	55	55	60	61	62	43	45	46	47	45	55	51	39	37	41		52.6
	MIN	48	45	43	44	54	51	40	34	40	32	29	33	37	34	34	28	37	32	40	42	37	35	33	28	30	28	35	30	28	23		36.1
MAUCH CHUNK 1 SW	MAX				64	62	70	70	65	57	65	65	52	52	49	51	48		55		65		52	45	47	47	49		42	42	41		54.6
	MIN				47	56	60	44	30	30	54	48	27	41	30	28	28		28		30		31	38	31	30	21		28	33	28		35.7
MEADVILLE 1 S	MAX	58	62	60	57	69	76	58	56	59	64	48	51	49	46	46	43	56	53	62	62	46	52	49	38	40	49	50	48	41	41		53.0
	MIN	49	48	47	48	46	52	41	27	30	46	27	30	37	24	29	26	30	25	27	44	37	36	34	34	23	24	39	31	32	35		35.3
MERCER HGWY SHED	MAX	58	60	55	68	76	70	55	59	61	63	56	49	48	44	48	58	57	63	62	60	53	47	45	40	48	52	48	41	40	44		54.3
	MIN	48	48	45	50	48	50	40	26	40	32	26	34	40	30	39	28	39	27	43	40	33	40	32	32	25	24	25	31	31	31		35.9
MIDDLETOWN OLMSTED FIELD	MAX	62	54	54	66	68	76	61	62	53	73	54	56	56	52	53	58	60	64	66	68	57	46	48	54	50	55	59	44	41	46		57.2
	MIN	51	42	40	52	57	52	40	37	37	42	34	33	45	38	36	31	35	28	33	44	38	39	39	34	31	28	36	33	32	29		38.2
MIDLAND DAM NO 7 LOWER	MAX	64	66	55	67	78	74	55	64	65	64	51	53	50	49	48	60	56	60	66	61	53	50	43	45	49	54	50	43	43	44		56.0
	MIN	51	52	52	52	47	52	38	33	38	34	33	35	37	32	32	30	34	32	46	42	35	42	33	32	28	30	32	34	35	34		37.9
MONTROSE 3 E HGWY SHED	MAX	63	64	54	55	59	65	68	54	54	60	68	49	45	48	44	45	48	52	58	64	60	44		42	45	42	50	52	37	35		52.0
	MIN	41	43	34	40	52	54	43	31	32	38	30	30	35	30	30	30	31	33	32	39	38	33		32	31	28	31	28	27	22		34.4
NEFFS MILLS 4 NE	MAX	63	58	62	51	64	71	71	58	61	61	62	64	51	55	53	50	55	56	61	65	50	64	51	43	46	49	55	55	41	41		56.2
	MIN	45	46	43	44	50	54	49	27	28	38	24	24	29	32	33	22	27	22	25	40	31	33	28	25	23	19	25	28	32	21		32.2
NEWBURG 3 W	MAX	53	44	40	50	58	64	51	54	42	60	44	42	48	44	48	52	55	58	56	58	54	40	38	53	42	46	48	32	33	34		48.6
	MIN	36	34	34	40	46	42	38	26	26	32	24	24	32	28	28	25	28	27	33	33	34	30	26	34	20	18	32	22	22	20		29.1
NEW CASTLE 1 N PUMP STA	MAX	61	64	55	70	79	80	57	63	64	65	55	52	49	48	50	59	57	65	65	62	56	49	41	42	50	54	52	45	44	48		56.7
	MIN	50	50	47	49	42	51	35	27	33	32	29	33	39	32	30	32	31	26	44	41	31	39	33	30	26	31	28	29	33	35		35.6
NEWELL	MAX	61	68	68	65	70	84	54	60	69	66	51	53	56	47	54	53	61	58	67	66	51	55	49	46	48	61	61	53	47	46		58.2
	MIN	53	50	52	49	40	54	43	29	34	45	29	34	44	44	40	28	43	28	44	47	36	36	34	29	26	26	46	31	34	39		38.5

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EWPORT	MAX	63	60	52	53	66	70	77	61	63	60	69	56	56	58	54	52	58	61	63	68	60	56	46	48	53	54	57	58	48	39		57.7
	MIN	29	42	40	42	48	59	48	28	29	35	29	24	29	33	35	25	25	23	24	35	27	29	35	26	27	20	21	28	28	23		31.5
ALMERTON	MAX	68	54	52	65	67	76	61	66	66	68	53	55	55	49	54	51	59	60	67	70	48	56	49	51	49	53	59	44	41	45		57.6
	MIN	47	42	38	52	61	54	39	32	38	45	33	31	47	35	34	30	34	29	29	41	34	35	38	35	30	25	44	31	32	36		37.4
ARK PLACE 1 NW WB AP	MAX	64	55	45	58	61	67	64	57	53	66	48	50	47	44	50	46	53	59	52	63	42	40	43	46	42	48	52	41	36	36		50.9
	MIN	48	40	35	44	54	60	43	36	36	41	28	36	37	26	32	31	37	36	35	40	34	34	33	31	31	31	40	27	29	26		36.4
HILADELPHIA DREXEL INST	MAX	66	58	58	70	66	78	67	63	66	68	66	59	61	53	58	57	64	64	67	72	67	51	52	53	51	56	61	51	40	48		60.4
	MIN	52	49	45	50	59	57	51	43	48	50	41	43	49	41	40	41	45	43	40	47	45	46	44	42	41	38	43	38	36	34		44.7
HILADELPHIA FRANKLIN INST	MAX	66	56	64	72	69	80		65	67	69	67	61			61	57	65	66	70	64		56	53		54	59	62		46			63.0
	MIN		49	45	51	60	61	53		44	44	40	43	49			40	47	43	40	47	46		46	42		38	46	41		32		45.5
HILADELPHIA WB AIRPORT	MAX	65	58	60	73	67	79	64	63	64	68	55	60	60	51	57	56	63	65	67	73	56	50	52	54	52	57	61	45	40	47		59.4
	MIN	50	48	46	60	58	56	45	38	43	50	40	37	45	39	36	38	44	37	34	48	43	42	44	41	36	30	42	37	34	31		42.4
HILADELPHIA POINT BREEZE	MAX	67	57	60	73	59	82	71	65	68	69	54	60	59	51	57	58	64	65	70	73	56	50	51	54	51	57	61	47	39	46		59.8
	MIN	52	49	46	60	60	66	50	46	49	50	40	41	44	39	38	42	44	42	39	49	42	45	44	41	40	36	45	36	34	32		44.7
HILADELPHIA SHAWMONT	MAX	64	62	54	70	67	79	63	62	63	67	64	59	69	51	56	56	62	62	63	72	55	51	50	54	49	56	60	44	42	46		59.1
	MIN	46	49	42	52	59	50	57	34	40	61	40	33	39	42	32	31	42	33	34	37	49	37	41	38	41	29	35	40	36	36		41.2
HILADELPHIA WB CITY	MAX	64	56	60	71	68	78	63	63	65	68	55	58	59	51	56	55	63	64	67	71	56	50	52	52	52	57	61	47	40	46		58.9
	MIN	53	49	46	60	59	57	52	48	48	51	41	47	47	41	42	44	46	46	39	51	47	44	46	44	44	39	47	38	37	35		46.3
HILLIPSBURG 7 E AIRPORT	MAX	57	52	48	58	66	66	55	38	52	56	47	46	47	45	43	49	49	54	58	60	47	43	43	40	44	49	49	36	36	39		49.1
	MIN	46	42	32	44	52	41	35	28	41	28	28	27	30	29	29	19	26	21	40	37	30	29	26	23	24	24	26	24	24	24		31.0
HOENIXVILLE 1 E PUMP STA	MAX					67	80	73	65	60	59	60	67	62	65	58	61	65	67	63	75	59	49	53	55	53	57	62	55	42	49		63.1
	MIN	32	49	38	51	60	52	49	30	33	31	33	32	46	41	29	28	40	25	27	58	31	33	36	33	28	30	38	28	24	27		36.3
ITTSBURGH 7 SE WB AIRPORT	MAX	59	64	55	68	80	74	54	65	62	65	52	54	50	49	47	61	55	66	66	63	53	50	44	43	50	59	51	43	40	45		56.2
	MIN	52	51	49	54	53	50	44	38	46	32	30	39	35	31	40	36	40	38	49	38	37	44	32	31	32	38	35	33	32	34		39.8
ITTSBURGH WB CITY	MAX	61	65	57	68	81	76	56	66	64	67	52	55	51	49	48	63	56	66	67	65	55	52	44	45	51	60	53	44	34	49		57.3
	MIN	55	54	51	57	47	53	44	38	44	36	35	40	39	34	41	36	46	36	50	42	40	44	36	34	33	36	36	34	38	40		41.6
ORT CLINTON	MAX	59	60	54	60	64	69	74	59	60	63	65	52	51	55	49	53	54	68	69	65	50	56	46	48	54	48	57	57	43	41		56.8
	MIN	48	47	37	45	57	59	47	31	32	40	32	29	31	34	32	28	30	29	47	30	33	38	39	31	33	24	27	30	31	27		35.9
UTNEYVILLE 2 SE	MAX	58	55	53	67	74	60	59	63	65	53	53		53		49	45	50	59	51	64	61	48	53	47	45	46	58	50	40	40		54.3
	MIN	29	41	39	40	40	44	37	22	30	31	22	23	36	35	25	25	20	22	20	21	30	25	30	27	20	20	20	19	23	27		28.1
AKERTOWN	MAX	65	58	51	68	66	77	72	59	62	65	63	59	60	50	55	57	62	62	58	69	60	46	50	52	49	52	58	52	42	42		58.0
	MIN	43	45	39	50	59	61	44	30	34	60	31	26	42	34	27	21	49	29	25	56	33	32	43	34	37	23	45	33	33	23		38.0
EADING WB CITY	MAX	66	55	57	69	69	77	62	63	66	69	55	57	58	52	54	56	62	65	69	71	54	49	50	54	52	56	60	46	42	45		58.7
	MIN	53	47	44	57	62	53	48	40	41	44	37	37	45	38	38	37	45	37	37	47	40	38	42	39	37	31	44	36	36	32		42.1
ETREAT FARMS	MAX	67	59	58	60	65	76	76	68	60	72	53	53	53	48	52	52	54	60	57	64	49	44	47	49	48	53	58	42	40	41		55.9
	MIN	42	47	37	50	54	61	47	31	34	32	32	30	41	29	33	29	41	28	27	47	36	38	34	31	29	24	34	24	33	28		36.1
IDGWAY	MAX	67	51	51	58	58	67	67	55	62	63	59	49	49	48	44	45	57	50	64	63	58	49	46	37	42	50	59	51	40	37		53.2
	MIN	38	46	43	43	43	54	42	23	24	31	25	25	29	22	24	24	23	22	22	45	36	32	35	30	25	23	24	29	31	32		31.5
CRANTON WB CITY	MAX	70	59	54	65	70	75	59	58	65	73	53	53	52	47	51	50	56	61	65	68	46	46	46	48	46	54	55	41	40	41		55.6
	MIN	47	47	41	54	58	50	45	35	41	42	37	34	41	34	43	36	43	32	35	46	42	38	38	36	32	29	39	35	34	31		39.8
ELINSGROVE AIRPORT	MAX	65	65	56	63	65	76	73	62	55	70	54	54	53	58	58	52	57	61	48	70	52	47	47	51	54	55	58	51	41	46		57.2
	MIN	47	44	33	49	53	60	49	29	30	43	31	27	41	27	33	31	34	24	25	40	32	32	32	29	22	29	43	27	30	24		35.0
HIPPENSBURG	MAX	65	56	49	60	69	77	70	64	54	70	54	52	55	51	53	58	62	62	62	69	58	45	47	53	50	57	58	51	38	45		57.1
	MIN	51	48	41	47	51	64	50	34	33	46	30	31	43	36	38	28	43	31	34	45	38	36	39	33	35	26	42	34	31	27		38.8
OMERSET WATER WORKS	MAX	57	54	49	67	75	67	52	60	62	58	49	50	48	49	49	62	53	61	55	61	52	48	45	47	48	62	48	40	36	42		53.5
	MIN	42	40	41	43	35	49	39	23	28	34	26	24	35	30	38	22	38	20	42	42	34	28	28	23	24	20	40	25	29	32		32.5
PRINGS 1 SW	MAX	56	53	47	63	71	66	51	57	56	57	46	49	47	52	47	60	53	62	55	57	50	46	47	43	43	58	48	38	34	40		51.7
	MIN	50	42	40	42	35	46	40	25	30	31	27	26	33	29	37	27	30	24	40	39	30	29	29	26	25	25	34	29	28	24		32.4
TATE COLLEGE	MAX	60	53	51	60	70	70	54	61	55	63	50	50	50	48	48	53	52	58	63	65	50	43	45	46	47	52	51	40	39	43		53.0
	MIN	50	46	43	51	57	52	42	39	43	34	30	34	33	33	37	30	38	33	44	44	35	37	33	29	30	29	36	32	32	29		37.8
TROUDSBURG SUBSTATION	MAX	68	71	57	58	66	68	78	62	64	65	65	56	58	55	52	56	54	60	66	69	70	52	44	52	55	51	53	60	45	40		59.0
	MIN	43	44	41	42	58	61	50	33	34	41	37	34	34	34	31	29	31	29	24	35	34	35	36	34	34	23	25	34	33	22		35.8
UNBURY 2 N AIRPORT	MAX	65	55	57	63	70	75	59	61	56	71	53	52	54	51	51	52	57	61	67	70	49	44	46	52	49	55	56	42	41	41		55.8
	MIN	47	42	38	52	56	53	38	34	35	40	33	33	41	32	37	30	34	30	32	42	36	36	35	34	31	29	39	31	31	29		37.0
AMARACK 2 S FIRE TOWER	MAX	64	59	46	50	63	65	63	52	54	56	55	48	48	46	45	41	47	47	55	60	48	40	40	34	36	44	48	50	35	33		49.1
	MIN	45	45	37	37	50	53	42	35	33	38	27	27	34	25	25	29	29	31	32	40	33	33	33	29	27	27	32	27	28	27		33.3
IONESTA 2 SE DAM	MAX	61	54	55	53	67	75	58	53	56	63	52	50	50	47	46	44	57	52	61	60	47	51	48	37	41	47	56	48	40	38		54.0
	MIN	30	40	45	46	43	52	41	25	28	32	44	28	31	25	28	25	25	23	25	42	36	35	32	30	28	24	25	30	30	33		33.8
ITUSVILLE 2 S	MAX	56	55	52	68	75	67	53	61	61	59	47	48	48	41	41	53	53	61	58	58	46	46	45	38	47	52	46	39	48	44		52.2
	MIN	45	49	44	48	50	50	39	24	40	32	26	32	35	24	38	28	39	25	43	37	35	38	33	31	25	33	38	29	31	33		35.8
OWANDA	MAX	70	60	57	68	71	73	58	58	62	70	53	51	56	50	51	57	56	61	55	68	46	45	44	45	50	57	57	43	38	42		55.7
	MIN	44	49	36	48	47	57	40	27	36	41	30	28	40	28	38	29	36	24	25	43	41	33	39	33	28	24	35	28	32	28		35.6
UNKHANNOCK 1 S	MAX	65	70	59	60		70	74	59	60	66	70	55	52	56	51	54	54	57	63	69	69	51	45	48	48	47	54	56	42	38		57.3
	MIN	32	44	35	43		53	47	28	38	50	29	28	32	30	37	25	37	23	21	33	39	32	36	29	29	22	39	26	29	25		33.5
NIONTOWN	MAX	58	64	57	72	85	73	60	71	64	67	53	59	52	53	54	63	60	71	72	67	58	52	47	47	50	66	55	46	40	47		59.4
	MIN	55	49	50	51	43	50	38	30	38	35	32	35	35	32	35	29	36	30	52	41	35	37	36	29	28	31	33	32	34	34		37.5
ARREN	MAX	60	56	55	70	75	74	60	63	64	62	52	50	48	50	44	54	53	64	62	48	45	46	46	49	60	52	54	51	40	45		55.1
	MIN	43	47	43	51	46	48	34	26	36	32	28	31	25	29	37	28	39	24	45	39	35	36	35	33	38	39	30	29	32	24		35.4
AYNESBURG 1 E	MAX	60	67	56	70	84	76	57	70	62	67	53	55	52	52	51	62	62	70	67	64	55	51	48	47	53	61	53	47	42	47		58.7
	MIN	50	47	49	45	34	50	35	25	28	35	23	26	34	26	30	21	39	21	32	44	27	29	31	23	20	20	37	23	37	34		32.5
ELLSBORO	MAX	70	68	52	56	67	69	69	54	60	62	64	50	47	51	48	45	51	51	66	64	55	42	44	41	42	49	53	52	41	35		53.9
	MIN	28	40	37	41	50	56	47	25	27	31	28	28	30	24	29	25	24	22	22	40	38	32	35	30	25	21	24	26	27	31		31.4
ELLSVILLE	MAX	61	58	52	63	67	75	70	62	52	69	53	55		58	54	55	62	62	52	68	58	48	49	52	50	58	58	50	39	44		57.0
	MIN	46	46	41	50	54	65	46	31	32	47	30	28		35	32	26	43	26	27	50	32	36	36	30	32	24	46	32	32	24		37.2
EST CHESTER	MAX	62	58	55	70	65	77	68	65	63	65	54	59	59	51	55	57	63	64	65	72	55	49	51	54	50	56	60	45	38	47		58.4
	MIN	50	45	42	55	59	63	45	37	42	49	35	36	43	36	35	33	41	37	38	46	36	39	40	38	34	30	45	35	33	29		40.9
ILLIAMSPORT 4 E WB AP	MAX	68	55	58	65	69	73	58	58	59	67	52	51	54	50	50	50	55	59	64	67	47	45	44	46	49	53	56	43	40	42		54.9
	MIN	46	46	40	54	57	50	35	32	36	39	30	30	39	30	38	29	30	27	30	43	36	36	35	31	29	26	35	30	32	29		36.0
ILLIAMSTOWN	MAX	64	55	51	65	65	72	69	63	54	73	52	54	55	50	51	55	49	63	55	68	51	44	46	52	48	55		53	41	42		55.7
	MIN	46	48	41	48	55	65	49	31	34	48	32	29	43	35	31	27	42	27	32	50	31	33	40	30	31	26		32	33	26		37.8
ORK 3 SW PUMPING STATION	MAX	61	58	55	68	74	80	72	67	53	74	56	60	63	53	55	61	63	68	69	69	60	49	50	54	52	60	60	54	40	47		60.2
	MIN	47	50	34	47	56	67	47	32	36	51	30	30	45	35	34	29	43	28	32	54	35	37	40	33	34	27	48	36	34	26		39.2

See reference notes following Station Index.

DAILY RIVER STAGES

Table 7

River and Station	Flood stage	Day of month																													Highest	Date	Lowest	Date
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
LEHIGH																																				
LEHIGHTON	8	2.3	2.2	2.2	2.4	3.0	2.7	4.2	4.0	3.8	3.3	3.2	3.1	3.0	2.8	2.8	2.8	2.8	2.8	2.8	3.8	4.4	4.0	4.2	4.0	3.8	3.6	3.7	3.5	3.6	3.6		4.4	21	2.2	2+
SCHUYLKILL																																				
READING	13	2.6	3.2	3.2	3.6	4.2	3.8	5.1	5.7	4.9	4.6	4.5	4.3	4.2	4.2	4.0	3.9	4.0	4.0	3.8	5.0	6.3	5.6	6.2	5.8	5.6	5.3	5.1	5.2	5.1	5.8		7.0	7	2.6	1
PHILADELPHIA		5.8	5.8	5.8	5.9	5.9	6.0	6.1	6.4	6.4	6.2	6.1	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.4	6.4	6.3	6.4	6.4	6.3	6.3	6.3	6.4	6.7		6.8	29	5.8	1+
DELAWARE																																				
EASTON	22	0.4	0.4	0.2	0.4	1.0	1.1	1.6	2.0	3.5	2.7	2.4	2.1	1.8	1.7	1.4	1.4	1.2	1.2	1.2	1.6	3.1	4.0	3.8	3.3	3.4	3.0	2.6	2.6	2.5	2.8		4.0	22	0.2	3
WEST BRANCH																																				
RENOVO	16	0.0	0.0	0.0	0.1	0.2	0.3	1.2	1.7	1.5	1.2	1.1	1.3	1.1	1.1	1.0	0.9	0.8	0.8	0.9	1.3	3.1	3.1	2.7	2.6	2.5	2.2	2.1	2.1	2.1	2.2		3.1	21+	0.0	1+
WILLIAMSPORT	20	0.2	0.3	0.4	0.4	0.4	0.7	3.5	3.4	2.6	2.1	2.0	2.0	1.9	1.6	1.6	1.4	1.4	1.3	1.3	3.7	5.8	5.1	4.8	4.4	3.9	3.6	3.2	3.1	3.0	3.0		5.8	21	0.2	1
PINE CREEK																																				
CEDAR RUN	12	1.8	1.8	1.8	1.8	1.8	1.9	3.6	2.6	2.3	2.3	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.2	2.2	3.5	3.5	3.2	3.3	3.1	2.9	2.8	2.7	2.7	2.6	2.6		3.6	7	1.8	1+
JUNIATA																																				
NEWPORT	22	3.3	3.2	3.2	3.3	3.5	3.4	4.2	5.4	5.0	4.8	4.5	4.5	4.1	4.0	3.6	3.6	3.6	3.6	3.7	5.2	7.4	5.9	5.9	5.5	5.2	5.0	4.9	4.7	4.7	4.8		7.4	21	3.2	1
SUSQUEHANNA																																				
TOWANDA	16	0.4	0.4	0.4	0.4	0.4	0.4	1.0	3.4	3.2	2.8	2.3	2.2	2.2	2.0	1.8	1.7	1.6	1.5	1.5	1.7	4.8	4.1	3.9	4.3	3.8	3.4	3.1	2.9	3.1	3.0		4.8	21	0.4	1+
SUNBURY	16	0.7	0.7	0.7	0.8	0.8	0.9	1.7	2.8	2.6	2.6	2.5	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.6	2.2	4.2	4.2	4.0	3.6	3.5	3.3	3.0	2.8	2.6	2.7		4.2	21+	0.7	1+
WILKES-BARRE	22	1.2	1.2	1.2	1.2	1.5	1.6	2.6	4.0	5.0	4.8	4.4	3.8	3.6	3.6	3.3	3.0	2.8	2.8	2.7	2.9	5.9	7.0	6.1	6.3	6.3	5.7	5.2	4.7	4.5	4.8		7.0	21	1.2	1+
HARRISBURG	17	3.1	3.1	3.1	3.1	3.1	3.2	3.4	4.4	4.5	4.3	4.3	4.2	4.0	3.9	3.9	3.8	3.8	3.7	3.6	3.8	5.1	5.2	5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.4		5.4	23	3.1	1+
CONEMAUGH																																				
SEWARD	18	2.8	2.9	2.8	3.0	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	3.1	3.0	3.0	3.5	3.6	3.2	3.6	3.5	3.4	3.4	3.5	3.3	3.5	3.4		3.6	21+	2.8	1+
ALLEGHENY																																				
WARREN	14	2.1	2.1	2.1	2.1	1.0	1.0	1.0	2.3	2.5	2.7	2.6	2.8	3.1	3.2	3.1	3.1	3.1	3.0	2.9	3.8	5.3	5.2	4.1	4.0	3.8	3.5	3.8	3.8	4.0	3.8		5.3	21	1.0	5+
FRANKLIN	17	2.8	2.9	2.8	2.8	2.8	2.8	3.0	3.2	3.2	3.2	3.3	3.5	3.8	3.9	4.0	4.0	4.0	4.1	3.9	4.1	5.9	6.4	5.6	5.0	4.7	4.4	4.7	5.9	5.9	5.6		6.6	22	2.8	8
PARKERS LANDING	20	1.7	1.7	2.0	2.0	2.0	2.1	1.8	2.0	2.4	2.4	2.4	2.3	2.8	2.8	2.8	3.0	3.0	3.0	3.0	3.1	4.3	5.6	4.9	4.6	3.9	3.6	3.6	4.8	5.3	4.9		5.6	22	1.7	1+
SCHENLEY LOCK 5 LOWER	24	11.8	11.8	11.8	12.0	12.1	12.1	12.2	12.4	12.4	12.4	12.4	12.4	12.4	12.5	12.6	12.5	12.6	12.6	12.6	12.7	13.3	14.6	14.4	13.9	13.7	13.3	13.2	13.7	14.1	14.5		14.7	21	11.8	8
SCHENLEY LOCK 5 UPPER	24	11.4	11.4	11.3	11.4	11.6	11.4	11.5	11.5	11.6	11.8	11.8	11.9	11.8	12.0	12.0	12.0	12.2	12.1	12.2	12.3	12.7	14.0	13.8	13.2	13.0	12.6	12.6	13.2	13.6	13.8		14.1	22	11.3	3
NATRONA LOCK 4 LOWER	24	10.7	10.7	10.6	10.8	10.9	10.9	11.0	11.1	11.2	11.1	11.1	11.2	11.1	11.2	11.3	11.4	11.4	11.4	11.4	11.6	12.2	13.6	13.6	12.9	12.6	12.2	12.0	12.5	13.1	13.6		13.8	22	10.6	3
NATRONA LOCK 4 UPPER	24	9.5	9.5	9.5	9.7	9.8	9.8	9.9	10.0	10.1	10.0	10.0	10.1	10.1	10.2	10.2	10.2	10.3	10.3	10.3	10.4	10.8	12.0	11.8	11.4	11.2	10.9	10.8	11.2	11.6	11.9		12.0	7	9.5	1+
ACMETONIA LOCK 3 LOWER	25	13.1	13.1	13.1	13.2	13.3	13.3	13.4	13.5	13.5	13.5	13.5	13.6	13.5	13.7	13.7	13.7	13.7	13.7	13.7	13.8	14.1	15.2	15.4	14.9	14.7	14.4	14.2	14.5	15.0	15.4		15.4	23+	13.1	1+
ACMETONIA LOCK 3 UPPER	25	12.6	12.6	12.6	12.7	12.8	12.8	12.9	13.0	13.0	13.0	13.0	13.1	13.0	13.2	13.2	13.2	13.2	13.2	13.2	13.3	13.6	14.5	14.5	14.2	14.0	13.7	13.6	13.9	14.3	14.5		14.5	22+	12.6	1+
KISKIMINETAS																																				
SALTSBURG	16	1.2	1.4	1.3	1.4	2.0	1.8	1.8	2.4	2.0	1.8	1.8	1.9	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.7	2.9	2.6	2.4	2.5	2.3	2.2	2.0	2.2	2.4	2.7		2.9	21	1.2	1+
VANDERGRIFT		3.7	3.8	4.0	4.2	4.7	5.0	4.7	5.8	5.2	4.8	4.7	4.8	4.7	4.7	4.6	4.6	4.5	4.4	4.4	4.4	6.4	6.2	5.6	5.9	5.6	5.4	5.1	5.4	5.6	5.6		6.4	21	3.7	1
YOUGHIOGHENY																																				
CONFLUENCE	12	2.4	2.4	2.4	3.0	3.0	3.2	3.6	3.0	2.2	2.2	2.8	2.7	2.8	2.9	2.9	2.8	2.7	2.7	2.6	3.4	3.8	2.7	3.4	3.2	3.2	3.0	2.9	3.0	3.4	3.3		3.8	21	2.2	6
SUTERSVILLE	20	3.5	3.6	3.6	3.8	4.6	4.1	3.8	4.7	4.2	3.6	3.6	4.1	3.9	4.0	4.1	4.0	3.9	3.9	3.8	3.9	5.3	4.6	4.2	4.8	4.6	4.4	4.3	4.6	5.2	5.9		6.0	30	3.5	1
CONNELLSVILLE	16	2.3	2.4	2.4	2.6	3.1	2.4	3.0	3.2	2.4	2.3	2.8	2.7	2.7	2.8	2.8	2.7	2.7	2.6	2.6	2.9	4.0	2.9	3.3	3.4	3.2	3.1	3.0	3.1	3.8	3.9		4.0	20	2.3	1
MONONGAHELA																																				
CHARLEROI LOCK 4 LOWER	30	11.1	11.4	11.3	11.4	11.3	11.5	11.7	12.1	13.0	13.0	13.1	12.3	13.7	12.5	11.9	12.1	12.0	11.8	12.1	12.7	13.2	13.0	13.6	13.3	13.9	12.5	13.0	13.5	13.1	18.5		18.5	30	11.1	1
CHARLEROI LOCK 4 UPPER	30	14.8	15.2	14.8	15.0	15.0	15.2	15.5	15.8	16.2	16.2	16.3	15.7	16.7	15.8	15.4	15.7	15.5	15.4	15.8	16.1	16.5	16.4	16.5	16.4	16.9	16.1	16.2	16.5	16.4	19.6		19.6	30	14.8	1
GREENSBORO LOCK 7 LOWER	30	11.0	11.0	10.6	10.7	10.9	11.0	11.2	11.8	11.7	11.9	11.9	11.9	12.1	11.7	11.1	11.1	11.0	11.0	11.8	11.8	12.1	12.2	12.0	12.2	12.3	12.3	11.9	12.0	13.8	18.4		18.9	30	10.6	3
GREENSBORO LOCK 7 UPPER	30	11.5	11.3	11.2	11.2	11.2	11.2	11.4	12.0	12.0	12.1	12.0	12.1	12.1	12.1	11.6	11.5	11.4	11.4	12.0	12.0	12.3	12.3	12.3	12.4	12.4	12.2	12.0	12.4	13.8	15.7		16.0	29	11.2	1+
MC KEESPORT	12	2.9	2.9	2.9	2.9	3.0	3.0	3.1	3.5	4.0	4.0	4.0	3.6	4.3	4.2	3.9	3.6	3.0	3.0	3.3	3.9	3.9	4.0	4.3	4.3	4.6	3.9	4.0	4.3	4.3	7.3		7.3	30	2.9	1
OHIO																																				
CORAOPOLIS	26	9.9	9.9	9.9	10.0	10.0	10.2	10.2	10.3	10.7	10.6	10.6	10.6	10.9	10.6	10.6	10.5	10.5	10.3	10.4	10.7	11.1	11.6	11.8	11.5	11.4	11.0	11.2	11.3	11.7	13.4		13.4	30	9.9	1
PITTSBURGH	25	16.7 h	16.7 h	16.8 h	16.7 h	16.8 h	16.7 h	16.7 h	16.7 h	16.7 h	16.6 h	16.7 h	16.6 h	16.8 h	16.6 h	16.6 h	16.7 h	16.6 h	16.6 h	16.6 h	16.7 h	16.8 h	16.7 h	16.7 h	16.7 h	16.6 h	16.5 h	16.7 h	16.6 h	16.6 h	16.6 h		16.8	3+	16.5	8
MIDLAND DAM 7 LOWER	30	9.7	9.5	9.6	9.8	9.6	9.8	9.8	10.0	10.4	10.0	10.2	10.3	10.4	10.4	10.0	10.1	10.2	10.1	10.4	10.1	10.7	11.4	12.0	11.3	11.6	10.4	11.0	11.4	12.0			12.0	23	9.5	2
MIDLAND DAM 7 UPPER	30	15.7	15.5	15.6	15.6	15.5	15.6	15.7	15.7	15.4	15.4	15.3	15.6	15.7	15.7	15.6	15.6	15.5	15.6	15.7	15.3	15.7	15.3	14.7	14.9	15.7	15.6	15.5	15.3	14.6	15.2		15.7	1+	14.6	29

The following reference notes apply only to Table 7 - Daily River Stages:

Readings are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a Obstructed by rough ice.
b Frozen but open at gage.
c Upper surface of smooth ice.
d Ice gorge above gage.
e Ice gorge below gage.
f Shore ice.
g Floating ice.
h Pool stage.
i Dry at gage.
j Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ACMETONIA LOCK 3 LOWER	0022	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST		7A		44		U S E P B G	7
ACMETONIA LOCK 3 UPPER	0023	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST						U S E P B G	7
ALBION	0062	ERIE	LAKE ERIE	41 53	80 22	900	EST	7A	7A	4	4		ALBION HIGH SCHOOL	2 3 4 5
ALLENS MILLS	0099	JEFFERSON	ALLEGHENY	41 12	78 54	1590	EST		MID		10		CHARLES H ALLEN	3 1
ALLENTOWN-EAST-BETH WB AP	0106	LEHIGH	LEHIGH	40 39	75 26	381	EST	MID	MID	10	8		U S WEATHER BUREAU	2 3 4 5
ALLENTOWN GAS CO	0111	LEHIGH	LEHIGH	40 36	75 28	254	EST	7A	7A	27	37		ALLENTOWN-BETH GAS CO	2 3 5
ALTOONA HORSESHOE CURVE	0134	BLAIR	JUNIATA	40 30	78 29	1500	EST	6P	6P	53	64		ALTOONA WATER BUREAU	2 3 5
ARENDTSVILLE	0229	ADAMS	SUSQUEHANNA	39 55	77 18	710	EST	8A	8A	26	26		PA STATE COLL EXP STA	2 3 5
AUSTINBURG 2 MI W	0313	TIOGA	CHEMUNG	42 00	77 32	1590	EST		MID		12		U S E BALTO MD	3 4
AVOCA WILKES-BARRE SCRANTON AP	0319	LUZERNE	SUSQUEHANNA	41 21	75 43	950	EST	MID	MID	1	1		CIVIL AERO ADM	2 3 5
BAKERSTOWN 4 MI WNW	0355	ALLEGHENY	ALLEGHENY	40 40	80 00	1200	EST	7A	7A	1	1		A H BURKE	3
BARNES	0409	WARREN	ALLEGHENY	41 40	79 01	1310	EST		7A		8		U S E P B G	3
BEAR GAP	0457	NORTHUMBERLAND	SUSQUEHANNA	40 50	76 30	843	EST		MID		3		ROARING CREEK WTR CO	3
BEAVER FALLS	0475	BEAVER	BEAVER	40 46	80 19	760	EST		7A		40		HOWARD J KEMP	3 7
BEAVERTOWN	0482	SNYDER		40 45	77 10	640	EST	5P	5P				JAMES F KEEN	2 3 5
BELLEFONTE ROCKVIEW FARM	0530	CENTER	WEST BRANCH	40 52	77 47	1060	EST	8A	8A	20	32		WESTERN STATE PEN'TRY	2 3 5
BERWICK	0611	COLUMBIA	SUSQUEHANNA	41 03	76 14	570	EST	6P	6P	3	3		AMER CAR & FOUNDRY CO	2 3 5
BETHLEHEM RIVER STATION	0629	NORTHAMPTON	LEHIGH	40 37	75 22	390	EST		7A	8	8		BETHLEHEM STEEL CORP	3
BETHLEHEM LEHIGH UNIV	0634	NORTHAMPTON	LEHIGH	40 36	75 23	450	EST	MID	MID	47	64		LEHIGH UNIVERSITY	2 3 4 5
BLAIN	0725	PERRY	SUSQUEHANNA	40 20	77 31	720	EST		MID		11		PENNA DEPT F & W	3 4
BLAIRSVILLE 6 MI ENE	0736	INDIANA	ALLEGHENY	40 27	79 09	2048	EST	MID	MID	3	12		U S WEATHER BUREAU	2 3 4 5
BLAKESLEE CORNERS	0743	MONROE	LEHIGH	41 06	75 36	1670	EST		MID		11		HAROLD WILDRICK	3 4
BLOSERVILLE 1 MI N	0763	CUMBERLAND	SUSQUEHANNA	40 16	77 22	650	EST		5P		36		MRS B M WILLDERS	3
BOSWELL	0820	SOMERSET	ALLEGHENY	40 11	79 08	2684	EST		MID		11		FRANK J HOUPT	3 4
BRADDOCK LOCK 2	0861	ALLEGHENY	MONONGAHELA	40 24	79 52	725	EST		7A		14		U S E P B G	3
BRADFORD CITY HALL	0867	MC KEAN	ALLEGHENY	41 58	78 39	1500	EST		8A	22	1		BRADFORD DIS FLD COM	3
BRADFORD 4 MI W RESERVOIR 1	0868	MC KEAN	ALLEGHENY	41 57	78 44	1680	EST	4P	4P		31		BRADFORD WATER DEPT	2 3 5
BRADFORD 5 S	0869	MC KEAN					EST		11A				GEORGE STRAND	3
BREEZEWOOD	0905	BEDFORD	JUNIATA	40 00	78 14	1352	EST	MID	MID	7	7		PA TURNPIKE COMM	3
BROOKVILLE AIRPORT	1002	JEFFERSON	ALLEGHENY	41 09	79 06	1407	EST	MID	MID	36	57		CIVIL AERO ADM	2 3 4 5
BRUCETON	1033	ALLEGHENY	OHIO	40 19	79 59	1000	EST		7A		13		RAY WILSON	3
BUCKSTOWN	1073	SOMERSET	CONEMAUGH	40 04	78 51	2480	EST		MID		11		RUSSELL L LAMBERT	3 4
BUFFALO MILLS	1087	BEDFORD	JUNIATA	39 58	78 39	1318	EST		7A		24		NELLIE R BROWN	3
BURGETTSTOWN 3 MI W	1105	WASHINGTON	OHIO	40 23	80 26	980	EST	7A	7A	1	1		LANGLOTH WATER CO	3
BURNT CABINS 2 MI NE	1115	HUNTINGDON	JUNIATA	40 05	77 52	990	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3 5
BUTLER	1130	BUTLER	BEAVER	40 52	79 54	1100	EST	4P	4P	25	35		BUTLER EAGLE	2 3 5
BUTLER SUBSTATION	1135	BUTLER	BEAVER	40 51	79 53	1140	EST		MID		11		WEST PENN POWER CO	3 4
CAMP HILL	1198	CUMBERLAND	SUSQUEHANNA	40 15	76 56	461	EST		8A		3		JOSEPH N HOBART	3
CANTON 1 MI NW	1215	BRADFORD	SUSQUEHANNA	41 40	76 52	1450	EST	8A	8A	5	9		MILDRED L SPENCER	2 3 4 5
CARLISLE	1234	CUMBERLAND	SUSQUEHANNA	40 12	77 11	473	EST	6P	6P	80	60		PROF CHAS E MILLER	2 3 5
CARROLLTOWN	1255	CAMBRIA	WEST BRANCH	40 36	78 42	2165	EST		7A		5		NED R WESTRICK	3
CARTER CAMP	1262	POTTER	WEST BRANCH	41 38	77 45		EST		MID		10		IRVING E GRESSEL	3 4
CEDAR RUN	1301	LYCOMING	WEST BRANCH	41 31	77 28	800	EST		7A		30		CHARLES R NIVISON	3 7
CHADDS FORD	1342	DELAWARE	DELAWARE	39 52	75 35	180	EST		8A		3		HERBERT W GUEST	3
CHAMBERSBURG	1354	FRANKLIN	POTOMAC	39 56	77 39	640	EST	8P	10P	48	53		CHARLES A BENDER	2 3 4 5
CHARLEROI	1372	WASHINGTON	MONONGAHELA	40 08	79 55	1040	EST		MID		11		WEST PENN POWER CO	3 4
CHARLEROI LOCK 4 LOWER	1377	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST		7A		63		U S E P B G	3 7
CHARLEROI LOCK 4 UPPER	1378	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST						U S E P B G	7
CLARION 3 MI SW	1485	CLARION	ALLEGHENY	41 12	79 26	1114	EST	8P	7A	6	41		PA ELECTRIC CO	2 3 4 5
CLAUSSVILLE	1505	LEHIGH	LEHIGH	40 37	75 39	670	EST		9A		3		VERNA A DOTTERER	3
CLAYSVILLE	1512	WASHINGTON	OHIO	40 07	80 25	1170	EST	7P	7P	45	45		WALTER B PAGET	2 3 5
CLEARFIELD	1519	CLEARFIELD	WEST BRANCH	41 01	78 27	1140	EST		7A	32	40		WILLIAM H WITHEROW	3
COALDALE GREENWOOD RESERVOIR	1572	SCHUYLKILL	SCHUYLKILL	40 50	75 56	1026	EST		7A		26		PANTHER VALLEY WTR CO	3
COALPORT	1581	CLEARFIELD	WEST BRANCH	40 45	78 32	1480	EST		7A		4		ADAM I NEFF	2 3 4 5
COATESVILLE 1 MI SW	1589	CHESTER	DELAWARE	39 58	75 50	342	EST	8A	8A	61	61		PHILA ELECTRIC CO	2 3 4 5
COATESVILLE	1594	CHESTER	DELAWARE	39 59	75 48	431	EST		7A		2		EDWARD O BEIDEMAN	3
COGAN STATION 2 MI N	1631	LYCOMING	WEST BRANCH	41 21	77 05	650	EST		10A				WILLIAM R WOLFE	3
COLUMBIA	1675	LANCASTER	SUSQUEHANNA	40 02	76 30	300	EST	ss	ss	6	6		JAMES H RUST	2 3 5
CONFLUENCE 1 MI SW	1705	SOMERSET	YOUGHIOGHENY	39 48	79 22	1490	EST	8A	8A	3	3		U S E P B G	3 4 6
CONFLUENCE 1 MI NW	1710	SOMERSET	YOUGHIOGHENY	39 50	79 22	1331	EST		7A		74		JOHN L REID	3 7
CONNELLSVILLE	1723	FAYETTE	MONONGAHELA	40 01	79 36	990	EST		7A		10		EMERY C STEWART	3 7
CONNELLSVILLE 4 MI N	1728	FAYETTE	MONONGAHELA	40 04	79 34	1145	EST		MID		11		GEORGE BAER	3 4
CONSHOHOCKEN	1737	MONTGOMERY	DELAWARE	40 04	75 19	70	EST		8A		25		PHILA ELECTRIC CO	3
CORAOPOLIS DAM 2	1773	ALLEGHENY	OHIO	40 31	80 10	720	EST		7A		40		U S E P B G	3 7
CORRY	1790	ERIE	ALLEGHENY	41 55	79 38	1427	EST	6P	6P	33	33		GEORGE P MULDERICK	2 3 5
COUDERSPORT	1804	POTTER	ALLEGHENY	41 46	78 01	1653	EST	5P	5P	18	23		POTTER ENTERPRISE	2 3 5
COUDERSPORT 8 MI E	1809	POTTER	ALLEGHENY	41 46	77 53	2425	EST		8A		2		ROBERT B KEITH	3
COVINGTON	1832	TIOGA	SUSQUEHANNA	41 45	77 05	1193	EST		7A		10		GROVER D CLEVELAND	3
CREEKSIDE	1881	INDIANA	ALLEGHENY	40 41	79 12	1035	EST		7A		8		U S E P B G	3
CRESSON 1 MI E SUMMIT	1894	CAMBRIA	WEST BRANCH	40 28	78 34	2300	EST		MID		11		PENNA EDISON CO	3
CURWENSVILLE 6 MI NW AIRPORT	1966	CLEARFIELD	WEST BRANCH	41 03	78 35	2215	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4 5
CUSTER CITY 2 MI W SONGBIRD	1978	MC KEAN	ALLEGHENY	41 55	78 41	2120	EST		8A		1		BRADFORD DIS FLD COM	3
DANVILLE	2013	MONTOUR	SUSQUEHANNA	40 58	76 37	460	EST		7A		8		JAMES A BRYAN	3
DAUPHIN 3 MI N	2029	DAUPHIN	SUSQUEHANNA	40 25	76 56	1300	EST		7A		8		JOHN HEPFORD	3
DERRY	2108	WESTMORELAND	CONEMAUGH	40 20	79 18	1150	EST	6P	6P	51	51		MISS N. D. WINEMAN	2 3 5
DINGMANS FERRY	2160	PIKE	DELAWARE	41 13	74 52	360	EST		7A		11		A JORGENSON	3 4
DONEGAL	2183	WESTMORELAND	CONEMAUGH	40 06	79 23	1746	EST	MID	MID	5	5		PENNA TURNPIKE COMM	2 3 5
DONORA	2190	WASHINGTON	MONONGAHELA	40 11	79 51	761	EST	MID	MID	22	22		DONORA ZINC WORKS	2 3 5
DOYLESTOWN	2221	BUCKS	DELAWARE	40 18	75 08	370	EST		5P		58		GEORGE HART	3
DRIFTWOOD	2245	CAMERON	WEST BRANCH	41 20	78 08	820	EST		MID		11		SIDNEY KENNEDY	3 4
DU BOIS 7 MI E	2265	CLEARFIELD	WEST BRANCH	41 06	78 38	1670	EST		7A		11		CITY OF DU BOIS	3 4
DUNLO	2298	CAMBRIA	CONEMAUGH	40 17	78 44	2440	EST		MID		11		MRS D L WHITE	3 4
DUSHORE	2323	SULLIVAN	WEST BRANCH	41 32	76 24		EST		MID		11		KENNETH MOSIER	3 4
EAGLES MERE	2343	SULLIVAN	SUSQUEHANNA	41 24	76 35	2020	EST	7A	7A	6	12		CARL E BIGGER	2 3 4 5
EASTON	2423	NORTHAMPTON	DELAWARE	40 42	75 12									7

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION ZONE	TIME OF OBSERVATION TEMP.	TIME OF OBSERVATION PRECIP.	YEARS OF RECORD TEMP.	YEARS OF RECORD PRECIP.	YEARS OF RECORD EVAP.	OBSERVER	REFER TO TABLES
EAST WATERFORD 3 MI E	2459	PERRY	JUNIATA	40 21	77 33	2125	EST	8P	7A	5	12		U S WEATHER BUREAU	2 3 5
EBENSBURG	2466	CAMBRIA	CONEMAUGH	40 29	78 44	2170	EST	8A	8A	31	31		JOHN L MC GOUGH	2 3 5
ELIZABETHTOWN	2560	LANCASTER	SUSQUEHANNA	40 08	76 37	460	EST		8A		3		MASONIC HOME	3
EMPORIUM	2633	CAMERON	WEST BRANCH	41 30	78 13	1100	EST	8A	8A	60	60		RUSSEL E PALMETEER	2 3 4 5
ENGLISH CENTER	2644	LYCOMING	WEST BRANCH	41 26	77 17	881	EST		MID		9		WILLIAM SUDERS	3 4
EPHRATA	2662	LANCASTER	SUSQUEHANNA	40 10	76 10	470	EST	6P	6P	46	55		WM W HALLIGAN	2 3 5
EQUINUNK	2669	WAYNE	DELAWARE	41 51	75 13	920	EST		7A		3		ROSE H NEILSON	3
ERIE WB CITY	2677	ERIE	LAKE ERIE	42 07	80 05	655	EST	MID	MID	74	74		U S WEATHER BUREAU	2 3 4 5
ERIE AIRPORT	2682	ERIE	LAKE ERIE	42 05	80 12	732	EST	MID	MID	4	4		CIVIL AERO ADM	3 4
EVERETT	2721	BEDFORD	JUNIATA	40 00	78 23	1020	EST	MID	7A	28	28		PENNA TURNPIKE COMM	2 3 4 5
FARRELL SHARON	2814	MERCER	BEAVER	41 14	80 30	855	EST	5P	8A	36	37		CARNEGIE ILL STL CORP	2 3 5
FORD CITY 4 MI S	2942	ARMSTRONG	ALLEGHENY	40 43	79 30	950	EST	8A	8A	5	5	3	U S E P B G	2 3 4 5 6
FRANKLIN	3028	VENANGO	ALLEGHENY	41 23	79 49	987	EST	7A	7A	54	75		WM K FULLER	2 3 4 5 7
FREDERICKSVILLE 1 MI SE	3047	BERKS	SCHUYLKILL	40 27	75 41	800	EST	ss	8A	6	11		HENRY H ROHRBACK	2 3 5
FREELAND	3056	LUZERNE	SUSQUEHANNA	41 01	75 54	1970	EST	6P	8A	54	34		ANDREW B EVANSHA	2 3 5
GALETON	3130	POTTER	WEST BRANCH	41 44	77 39	1330	EST		6P		18		W GALE LUSH	3
GEIGERTOWN	3189	BERKS	SCHUYLKILL	40 12	75 50	380	EST		HA		3		WALTER C WOLF	3
GEORGE SCHOOL	3200	BUCKS	DELAWARE	40 13	74 56	160	EST	7P	7P	42	42		GEO M HART	2 3 5
GETTYSBURG	3218	ADAMS	POTOMAC	39 50	77 14	500	EST	8A	8A	72	74		HUGH C MC ILHENNY	2 3 5
GETTYSBURG 1 MI S	3223	ADAMS	POTOMAC	39 48	77 14	570	EST		MID		11		NATL MILITARY PARK	3 4
GIFFORD	3237	MC KEAN	ALLEGHENY	41 51	78 36	2220	EST		8A		1		BRADFORD DIS FLD COM	3
GLENCOE	3298	SOMERSET	POTOMAC	39 49	78 51	1620	EST		8A		11		C E SANDERS	3 4
GLEN ROCK	3330	YORK	SUSQUEHANNA	39 48	76 44	620	EST		MID		7		MRS E C MC WILLIAMS	3 4
GLEN WILLARD DASHIELDS DAM	3343	ALLEGHENY	OHIO	40 33	80 14	1025	EST		7A		4		WM H MC CONNELL	3
GOOD SPRINGS 1 MI W	3372	SCHUYLKILL	SUSQUEHANNA	40 38	76 30	1500	EST		MID		11		PA POWER & LIGHT CO	3 4
GORDON	3379	SCHUYLKILL	SUSQUEHANNA	40 45	76 20	900	EST	5P	5P	45	45		MRS S M JOHNSON	2 3 5
GOULDSBORO	3394	WAYNE	LEHIGH	41 15	75 27	1850	EST		7A	17	33		L H ELLENBERGER	3
GRANTVILLE 2 MI SW	3422	DAUPHIN	SUSQUEHANNA	40 22	76 41	520	EST		ss		11		EDW N RHOADS	3
GRATERFORD	3435	MONTGOMERY	SCHUYLKILL	40 14	75 27	160	EST		7A		33		CLAUDE K KULP	3
GREENSBORO LOCK NO 7 LOWER	3503	GREENE	MONONGAHELA	39 47	79 55	808	EST		7A		67		U S E P B G	3
GREENSBORO LOCK NO 7 UPPER	3504	GREENE	MONONGAHELA	39 47	79 55	808	EST						HARRY MAPLE	
GREENSBURG 2 MI S FILTER STA	3510	WESTMORELAND	MONONGAHELA	40 16	79 33	977	EST	6P	6P	41	41		WESTMORELAND WATER CO	2 3 5
GREENSBURG 2 MI E HWY SHED	3515	WESTMORELAND	MONONGAHELA	40 18	79 30	1225	EST		MID		10		PENNA DEPT HIGHWAYS	3 4
GREENSBURG 3 MI SE UNITY RES	3516	WESTMORELAND	MONONGAHELA	40 17	79 30	1245	EST		6P	35	40		WESTMORELAND WATER CO	3
GREENVILLE	3526	MERCER	BEAVER	41 25	80 23	930	EST	6P	6P	50	50		C EARL MILLER	2 3 5
HANOVER	3662	YORK	SUSQUEHANNA	39 48	76 59	600	EST	8A	8A	45	45		HANOVER EVENING SUN	2 3 5
HARRISBURG 3 MI S WB AIRPORT	3699	YORK	SUSQUEHANNA	40 13	76 51	335	EST	MID	MID	60	60		U S WEATHER BUREAU	2 3 4 5 7
HARRISBURG NORTH	3704	DAUPHIN	SUSQUEHANNA	40 16	76 53	317	EST		9A		31		GEO S BEAL	3
HAWLEY	3758	WAYNE	DELAWARE	41 29	75 10	980	EST	8P	8A	30	39		MRS D M PENNELL	2 3 5
HAWLEY 1 MI S WALLEN DAM	3859	WAYNE	DELAWARE	41 28	75 11	1180	EST	8A	8A	13	17	13	PA POWER & LIGHT CO	2 3 4 5 6
HEWITT 2 MI S	3897	BEDFORD	POTOMAC	39 44	78 32	840	EST	ss	ss	4	8		MISS M E ROLAND	2 3 4 5
HOLLIDAYSBURG	4001	BLAIR	JUNIATA	40 26	78 24	1000	EST		MID		11		JOHN M RINGLER	3 4
HOLLISTERVILLE	4008	WAYNE	DELAWARE	41 23	75 26	1360	EST		8A		21		PA POWER & LIGHT CO	3
HOLTWOOD	4019	LANCASTER	SUSQUEHANNA	39 50	76 20	200	EST	MID	8A	29	34		PA WATER & POWER CO	2 3 4 5
HOME	4027	INDIANA	ALLEGHENY	40 45	79 06	1260	EST		MID		11		H J MC ELHOES	3 4
HONESDALE 4 MI NW	4043	WAYNE	DELAWARE	41 37	75 19	1445	EST		9A		3		GEO C WILLIAMS	3
HONESDALE 6 MI N TANNERS FLS	4044	WAYNE	DELAWARE	41 39	75 17	1100	EST		MID		7		LESLIE E WALTER	3 4
HOOVERSVILLE	4058	SOMERSET	CONEMAUGH	40 10	78 53	1660	EST		7A		10		PENNA ELECTRIC CO	3
HOP BOTTOM 2 MI S	4066	SUSQUEHANNA	SUSQUEHANNA	41 43	75 43		EST		7A		4		JOSEPH J SANAUSKAS	3
HUNTINGDON	4159	HUNTINGDON	SUSQUEHANNA	40 29	78 01	620	EST	8A	8A	61	61		HUNTINGDON BROADTOP RR	2 3 5
HUNTSDALE	4166	CUMBERLAND	SUSQUEHANNA	40 06	77 19	620	EST		7A		8		T J DINGLE	3 4
HYNDMAN	4190	BEDFORD	POTOMAC	39 49	78 43	900	EST		7A		36		W J EMERICK	3
INDIANA 2 MI SE	4214	INDIANA	CONEMAUGH	40 36	79 07	1102	EST	6P	6P	46	49		CLYMER WATER CO	2 3 4 5
INDIANA	4219	INDIANA	CONEMAUGH	40 37	79 10	1300	EST	5P	5P	10	10		STATE TEACHERS COLL	2 3 5
IRWIN	4276	WESTMORELAND	MONONGAHELA	40 20	79 42	1090	EST	5P	5P	46	52		WESTMORELAND WATER CO	2 3 5
JACKSON SUMMIT	4304	TIOGA	SUSQUEHANNA	41 57	77 01	1700	EST		MID		12		ARCHIE LAIN	3 4
JAMESTOWN 2 MI NW	4325	MERCER	BEAVER	41 30	80 28	1050	EST	8A	8A	7	9	7	PA DEPT FRST & WTRS	2 3 4 5 6
JOHNSTOWN 1	4385	CAMBRIA	CONEMAUGH	40 20	78 55	1214	EST	9A	9A	55	67		JOHNSTOWN TRIBUNE	2 3 5
JOHNSTOWN 2	4390	CAMBRIA	CONEMAUGH	40 19	78 55	1130	EST		MID		10		CITY OF JOHNSTOWN	3 4
JUNIATA HOUSE	4425	HUNTINGDON	JUNIATA	40 22	77 49	560	EST		8P		3		J EARL MC VEY	3
KANE 1 MI NW	4432	MC KEAN	ALLEGHENY	41 41	78 48	1750	EST	MID	MID	5	33		SPRING WATER CO	2 3 5
KANE 5 MI SE	4437	ELK	ALLEGHENY	41 36	78 46	2010	EST		MID		7		U S FOREST SERVICE	3 4
KARTHAUS	4450	CLEARFIELD	WEST BRANCH	41 07	78 07	860	EST		7A		8		MRS E M SHULTZ	3
KIRKWOOD 1 MI SW	4597	LANCASTER	SUSQUEHANNA	39 51	76 05	430	EST		MID		8		SOIL CONSERV SERVICE	3 4
KREGAR 4 MI SE	4667	WESTMORELAND	YOUGHIOGHENY	40 06	79 14	2470	EST		MID		7		PENNA TURNPIKE COMM	3
KRESGEVILLE 3 MI W	4672	CARBON	LEHIGH	40 54	75 34	825	EST		8A		6		CITY OF BETHLEHEM	3
LAFAYETTE MC KEAN PARK	4706	MC KEAN	ALLEGHENY	41 48	78 40	2130	EST		8A		1		BRADFORD DIS FLD COMM	3
LAKEVILLE 1 MI N	4733	WAYNE	DELAWARE	41 27	75 16	1480	EST		8A		21		MRS REVEL JENKINS	3
LAMPETER SCS 1A	4750	LANCASTER	SUSQUEHANNA	39 59	76 14	405	EST		MID		8		SOIL CONSERV SERVICE	3 4
LANCASTER 2 NE PUMP STATION	4758	LANCASTER	SUSQUEHANNA	40 03	76 17	255	EST	5P	5P	47	61		LANCASTER WATER BUR	2 3 5
LANCASTER 2 NE FILTER PLANT	4763	LANCASTER	SUSQUEHANNA	40 03	76 17	270	EST		MID		11		LANCASTER WATER BUR	3
LANCASTER 3 MI NE EXP FARM	4768	LANCASTER	SUSQUEHANNA	40 04	76 17	360	EST	8A	8A	3	3		DR ORMAN E STREET	3
LANSFORD	4804	CARBON	SCHUYLKILL	40 50	75 53	1030	EST		8A		43		LEHIGH NAVIG COAL CO	3
LANSFORD FOREMANS SHOP	4809	CARBON	SCHUYLKILL	40 50	75 53	1040	EST		7A		15		PANTHER VALLEY WTR CO	3
LATROBE	4832	WESTMORELAND	CONEMAUGH	40 19	79 23	1030	EST		7A		6		WEST PENN POWER CO	3
LAURELTON STATE VILLAGE	4853	UNION	SUSQUEHANNA	40 54	77 13	880	EST		MID		8		PENNA DEPT OF WELFARE	3 4
LAWRENCEVILLE	4873	TIOGA	SUSQUEHANNA	42 00	77 08	996	EST	6P	6P	51	51		CARLOS P DARLING	2 3 5
LEBANON	4891	LEBANON	SUSQUEHANNA	40 20	76 26	469	EST	8A	8A	60	65		LEBANON VALLEY GAS CO	2 3 5
LEBANON 3 MI SW	4896	LEBANON	SUSQUEHANNA	40 19	76 28	490	EST		MID		11		LEBANON COUNTRY CLUB	3 4
LECONTES MILLS 5 NW	4904	CLEARFIELD	WEST BRANCH	41 09	78 20	2320	EST		7A		6		PA DEPT FRST & WTRS	3
LEHIGHTON	4934	CARBON	LEHIGH	40 50	75 43	580	EST		7A		14		GOODWIN DE FREHN	3 4
LE ROY	4972	BRADFORD	SUSQUEHANNA	41 40	76 43		EST		6P		12		DIMMIS M BAILEY	3
LEWIS RUN 3 MI S	4984	MC KEAN	ALLEGHENY	41 50	78 39	1700	EST		7A		1		BRADFORD DIS FLD COMM	3
LEWISTOWN	4992	MIFFLIN	JUNIATA	40 35	77 35	480	EST	7A	7A	10	10		AMERICAN VISCOSE CO	3 4
LINESVILLE 6 MI NW PENN LINE	5050	CRAWFORD	BEAVER	41 42	80 31	1015	EST		8A		31		MRS R M CRUMB	3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP	PRECIP.	EVAP.		
LOCK HAVEN 1	5104	CLINTON	WEST BRANCH	41 08	77 28	680	EST	7A	7A	57	57		SAMUEL C DICKEY JR	2 3 5
LOCK HAVEN 2	5109	CLINTON	WEST BRANCH	41 08	77 27	620	EST		MID		11		HUGH F PARKER	3 4
LONG POND	5160	MONROE	LEHIGH	41 03	75 30	1860	EST		8A		2		THOMAS MECKES	3
LYCIPPUS 1 MI E	5259	WESTMORELAND	YOUGHIOGHENY	40 14	79 24	1380	EST		5P	53	57		WESTMORELAND WATER CO	3
MAPLE GLEN	5368	MONTGOMERY	DELAWARE	40 11	75 11	370	EST		8A		3		L F SCHEIBNER JR	3
MAPLETON DEPOT	5381	HUNTINGDON	JUNIATA	40 24	77 56	580	EST		7A		10		MRS I S BUCHANAN	3
MARCUS HOOK	5390	DELAWARE	DELAWARE	39 48	75 25	12	EST	8A	8A	22	22		SUN OIL CO	2 3 5
MARIENVILLE	5400	FOREST	ALLEGHENY	41 28	79 07	1780	EST		MID		9		U S FOREST SERVICE	3 4
MARION CENTER 2 MI SE	5408	INDIANA	CONEMAUGH	40 45	79 02	1610	EST		7A		6		U S E P B G	3
MARSHBURG	5435	MC KEAN	ALLEGHENY	41 51	78 46	2120	EST		8A		1		BRADFORD DIS FLD COMM	3
MARTINSBURG	5453	BLAIR	JUNIATA	40 18	78 20	1360	EST		MID		11		BLUE MT CANNERIES	3 4
MARTINSBURG BLAIR CO AIRPORT	5454	BLAIR	JUNIATA	40 19	78 19	1460	EST	MID	MID	6	6		CIVIL AERO ADM	2 3 4 5
MATAMORAS	5470	PIKE	DELAWARE	41 22	74 42	455	EST		8A		44		HARRY BISLAND	3
MAUCH CHUNK 1 MI SW	5479	CARBON	LEHIGH	40 51	75 46	800	EST	4P	4P	56	56		HENRY S HAAK	2 3 5
MAYBURG	5490	FOREST	ALLEGHENY	41 36	79 13	1150	EST		7A		3		OPAL LITTLEFIELD	3
MC CONNELLSBURG	5526	FULTON	POTOMAC	39 56	78 00	910	EST		7A		16		RUTH L ROETTGER	3
MC CONNELLSTOWN 4 MI NW	5534	HUNTINGDON	JUNIATA	40 30	78 08	2340	EST		7A		8		PA DEPT FRST & WTRS	3
MC KEESPORT	5573	ALLEGHENY	ALLEGHENY	40 21	79 52	800	EST		7A		20		NATL TUBE CO	3 7
MEADOW RUN PONDS	5601	LUZERNE		41 13	75 40	2000	EST		MID				JOSEPH L HART	3 4
MEADVILLE 1 MI S	5606	CRAWFORD	ALLEGHENY	41 37	80 10	1065	EST	8A	8A	54	55		CITY OF MEADVILLE	2 3 4 5
MEDIX RUN	5627	ELK	WEST BRANCH	41 17	78 23	1125	EST		MID		7		MRS E M SNYDER	3 4
MERCER 5 MI NE WB AIRPORT	5649	MERCER	BEAVER	41 17	80 12	1296	EST	MID	MID	9	9		U S WEATHER BUREAU	CLOSED
MERCER HIGHWAY SHED	5654	MERCER	BEAVER	41 14	80 15	1240	EST		MID		9		PENNA DEPT HIGHWAYS	3 4
MERCERSBURG	5662	FRANKLIN	POTOMAC	39 50	77 54	605	EST		8A				ROLLIN P GILBERT	3
MERWINSBURG	5676	NORTHAMPTON		40 57	75 27	840	EST		MID				ROBERT G GOULD	3 4
MEYERSDALE	5684	SOMERSET	YOUGHIOGHENY	39 49	79 02	1980	EST		8A		10		LOUIS M WELD	3
MIDDLETOWN OLMSTED FIELD	5703	DAUPHIN	SUSQUEHANNA	40 11	76 46	303	EST	MID	MID	18	18		U S AIR FORCE	2 3 5
MIDLAND DAM NO 7 LOWER	5710	BEAVER	OHIO	40 38	80 28	780	EST	11P	7A	11	12		PERRY P CAMPBELL	2 3 5 7
MIDLAND DAM NO 7 UPPER	5711	BEAVER	OHIO	40 38	80 28	780	EST						PERRY P CAMPBELL	7
MILAN	5731	BRADFORD	SUSQUEHANNA	41 55	76 32	820	EST		MID		11		W S ROBERTS	3 4
MILANVILLE	5738	WAYNE	DELAWARE	41 40	75 04	750	EST		8A		3		CHAS W DAVIS	3
MILLERSBURG 2 MI E	5775	DAUPHIN	SUSQUEHANNA	40 32	76 56	545	EST		MID		11		WM H NOVINGER	3 4
MILLVILLE	5816	COLUMBIA	SUSQUEHANNA	41 08	76 32	820	EST		MID		11		RUSSELL SHEPLEY	3 4
MILROY	5825	MIFFLIN	JUNIATA	40 43	77 35	770	EST		8A		8		DAVID S NACE	3
MONROE FURNACE	5884	HUNTINGDON	JUNIATA	40 42	77 54	1200	EST		MID		7		PENNA STATE COLLEGE	3 4
MONROETON 2 MI S	5889	BRADFORD	SUSQUEHANNA	41 42	76 28	2120	EST		7A		8		PA DEPT FRST & WATERS	3
MONTROSE 3 MI E HIGHWAY SHED	5915	SUSQUEHANNA	SUSQUEHANNA	41 50	75 49	1175	EST	8A	8A	43	43		HARRY S FANCHER	2 3 5
MONTROSE	5920	SUSQUEHANNA	SUSQUEHANNA	41 50	75 52		EST		MID		11		CONSUMERS WATER CO	3 4
MOSGROVE LOCK 8 LOWER	5987	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST		7A		24		U S E P B G	3 7
MOSGROVE LOCK 8 UPPER	5988	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST						U S E P B G	7
MOUNT POCONO 2 MI N WB AP	6055	MONROE	DELAWARE	41 08	75 22	1914	EST	MID	MID	41	43		U S WEATHER BUREAU	2 3 4 5
MOUNT UNION 1 MI NW	6067	MIFFLIN	JUNIATA	40 24	77 53	800	EST		MID		11		MT UNION WATER WORKS	3 4
MURRYSVILLE	6111	WESTMORELAND	MONONGAHELA	40 26	79 42	903	EST		MID		8		WM MC WILLIAMS	3 4
MYERSTOWN	6126	LEBANON	SCHUYLKILL	40 23	76 18	520	EST		8A		8		JOHN W WANDELL	3
NATRONA LOCK NO 4 LOWER	6151	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST		7A		21		U S E P B G	3 7
NATRONA LOCK NO 4 UPPER	6152	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST						U S E P B G	7
NEFFS MILLS 4 MI NE	6174	HUNTINGDON	JUNIATA	40 40	77 55	960	EST	8A	8A	8	8	8	PENNA STATE COLLEGE	2 3 4 5
NESHAMINY FALLS	6194	BUCKS	DELAWARE	40 09	74 57	40	EST		5P	27	33		PHILA SUB WATER CO	3
NEWBURG 3 MI W	6225	FRANKLIN	SUSQUEHANNA	40 09	77 37	745	EST	MID	MID	7	7		PENNA TURNPIKE COMM	2 3 5
NEW CASTLE 1 MI N PUMP STA	6233	LAWRENCE	BEAVER	41 01	80 22	900	EST	11P	11P	65	62		NEW CASTLE WATER CO	2 3 4 5
NEWELL	6246	FAYETTE	MONONGAHELA	40 05	79 53	800	EST	MID	NOON	35	27		GENERAL CHEMICAL CO	2 3 5
NEW PARK	6289	YORK	SUSQUEHANNA	39 44	76 31	780	EST		6P		24		CLINTON J ALLEN	3
NEWPORT	6297	PERRY	JUNIATA	40 29	77 08	400	EST	7A	7A	1	18		MRS FRANCES FRY	3 7
NEW TRIPOLI	6326	LEHIGH	LEHIGH	40 42	75 46	580	EST		6P		10		FRED C OSWALD	3
NORRISTOWN	6370	MONTGOMERY	SCHUYLKILL	40 07	75 20	48	EST		8A				GEORGE H BOONE	3
ORWELL 3 MI N	6621	BRADFORD	SUSQUEHANNA	41 55	76 16	1620	EST		6P		5		WM I BROWN	3
PALM	6681	MONTGOMERY	SCHUYLKILL	40 26	75 32	380	EST		8A		7		FRED C ESCHBACK	3
PALMERTON	6689	CARBON	LEHIGH	40 48	75 37	435	EST	MID	MID	31	32		NEW JERSEY ZINC CO	2 3 4 5
PARKERS LANDING	6719	ARMSTRONG	ALLEGHENY	41 06	79 40	1100	EST		7A		64		JANNETTE E SCHULTZ	3 7
PARKERS LANDING 1 MI E	6724	CLARION	ALLEGHENY	41 06	79 41	870	EST		MID		10		PAUL M NEELY	3 4
PARK PLACE 1 NW WB AIRPORT	6734	SCHUYLKILL	SCHUYLKILL	40 51	76 06	1952	EST	7P	7P	5	5		U S WEATHER BUREAU	2 3 4 5
PAUPACK	6762	PIKE	DELAWARE	41 24	75 12	1523	EST		8A		32		MISS L VETTERLINE	3
PECKS POND	6786	PIKE	DELAWARE	41 17	75 05	1380	EST		8A		3		CARRIE NESS	3
PHILADELPHIA DREXEL INST TECH	6879	PHILADELPHIA		39 57	75 11	30	EST	MID	MID				FRANCIS K DAVIS JR	2 3 5
PHILADELPHIA FRANKLIN INST	6884	PHILADELPHIA	DELAWARE	39 58	75 10	100	EST	10A	10A	7	7		FRANKLIN INSTITUTE	7
PHILADELPHIA WB AIRPORT	6889	PHILADELPHIA	DELAWARE	39 53	75 14	20	EST	MID	MID	7	7		U S WEATHER BUREAU	2 3 4 5
PHILADELPHIA POINT BREEZE	6899	PHILADELPHIA	DELAWARE	39 55	75 12	85	EST	MID	MID	24	24		ATLANTIC REFINING	2 3 4 5
PHILADELPHIA SHAWMONT	6904	PHILADELPHIA	DELAWARE	40 02	75 15	70	EST	7P	7P	32	53		SCHUYLKILL NAVIG CO	2 3 5
PHILADELPHIA WB CITY	6909	PHILADELPHIA	DELAWARE	39 57	75 09	174	EST	MID	MID	77	77		U S WEATHER BUREAU	2 3 4 5
PHILLIPSBURG 7 MI E AIRPORT	6916	CENTRE	JUNIATA	40 54	78 05	1914	EST	MID	MID	6	8		CIVIL AERO ADM	2 3 4 5
PHOENIXVILLE 1 MI E PUMP STA	6927	CHESTER	SCHUYLKILL	40 07	75 30	105	EST	ss	8A	37	39		PHILA SUB WATER CO	2 3 4 5
PIKES CREEK	6939	LUZERNE	SUSQUEHANNA	41 18	76 06	1250	EST		MID		11		ANDREW STELTZ	3 4
PINE GROVE 1 MI NE	6954	SCHUYLKILL	SUSQUEHANNA	40 34	76 22	515	EST		8A		24		PA POWER & LIGHT CO	3
PINE GROVE MILLS 1 MI S	6962	HUNTINGDON	JUNIATA	40 43	77 54	2060	EST		MID		6		PENNA STATE COLLEGE	3
PITTSBURGH 7 MI SE WB AP	6992	ALLEGHENY	MONONGAHELA	40 21	79 56	1273	EST	MID	MID	18	18		U S WEATHER BUREAU	2 3 4 5
PITTSBURGH WB CITY	6997	ALLEGHENY	OHIO	40 26	80 00	914	EST	MID	MID	78	78		U S WEATHER BUREAU	2 3 4 5 7
PLEASANT MOUNT 1 MI W	7029	WAYNE	DELAWARE	41 44	75 27	1810	EST		7A		27		PENNA GAME COMM	3 4
PORT ALLEGANY	7103	MC KEAN	ALLEGHENY	41 48	78 17	1500	EST		7A		6		RALPH MC CONNELL	3
PORT ALLEGANY 3 MI SW	7108	MC KEAN	ALLEGHENY	41 47	78 19	1580	EST		7A		6		CRYSTAL SPG TROUT HCY	3
PORT CLINTON	7116	SCHUYLKILL	SCHUYLKILL	40 35	76 02	430	EST	8A	8A	10	10		EARL E RARICK	2 3 4 5
PORTLAND	7127	NORTHAMPTON	DELAWARE	40 55	75 06	297	EST		8A		5		JOINT BRIDGE COMM	3
POTTSTOWN	7149	MONTGOMERY	SCHUYLKILL	40 15	75 39	180	EST		8A		57		MILES E SMITH	3
POTTSVILLE	7156	SCHUYLKILL	SCHUYLKILL	40 41	76 12	820	EST		8A		66		POTTSVILLE WATER CO	3
POTTSVILLE PALO ALTO BRIDGE	7161	SCHUYLKILL	SCHUYLKILL	40 41	76 11	640	EST		7A		5		JOHN M SMITH	3
PUNXSUTAWNEY 1	7217	JEFFERSON	ALLEGHENY	40 57	78 59	1220	EST		7A		28		JOHN VOLANSKY	3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION ZONE	TIME OF OBSERVATION TEMP.	TIME OF OBSERVATION PRECIP.	YEARS OF RECORD TEMP.	YEARS OF RECORD PRECIP.	YEARS OF RECORD EVAP.	OBSERVER	REFER TO TABLES
PUNXSUTAWNEY 2	7222	JEFFERSON	ALLEGHENY	40 56	78 58	1360	EST		MID		8		PENNA ELEC CO	3
PUTNEYVILLE 2 SE DAM	7229	ARMSTRONG	ALLEGHENY	40 55	79 17	1270	EST	8A	8A	5	5		U S E P B G	2 3 4 5
QUAKERTOWN	7239	BUCKS	DELAWARE	40 26	75 20	480	EST	5P	5P	62	64		JOHN E BENNER	2 3 5
RAYMOND	7310	POTTER	ST LAWRENCE	41 52	77 52	2220	EST		MID		10		ARTHUR LENGAN	3 4
READING WB CITY	73 18	BERKS	SCHUYLKILL	40 20	75 56	266	EST	MID	MID	51	79		U S WEATHER BUREAU	2 3 4 5
RENOVO	7409	CLINTON	WEST BRANCH	41 19	77 46	645	EST		7A		51		MRS C W BAIRD	3
RENOVO 6 MI S STATE CAMP	7410	CLINTON	WEST BRANCH	41 14	77 46	2035	EST		MID		11		PA DEPT FRST & WATERS	3 4
RETREAT FARMS	7417	LUZERNE	SUSQUEHANNA	41 11	76 06	560	EST	6P	6P	16	16		THEO J SAMPSON	2 3 5
REW	7425	MC KEAN	ALLEGHENY	41 54	78 32	2250	EST		8A		1		BRADFORD DIS FLD COMM	[illegible]
RICES LANDING LOCK NO 6	7443	GREENE	MONONGAHELA	39 57	80 00	775	EST		7A		14		U S E P B G	[illegible]
RIDGWAY	7477	ELK	ALLEGHENY	41 26	78 44	1385	EST	7A	7A	33	42		WEST PENN POWER CO	2 3 4 5
RINGTOWN 1 MI SW	7497	SCHUYLKILL	SUSQUEHANNA	40 51	76 15	1115	EST		ss		58		BORO SHENANDOAH	3 5
ROCHESTER 1 MI N	7540	BEAVER	BEAVER	40 43	80 18	935	EST		MID				DUQUESNE LIGHT CO	3 4
RUSH 6 MI S	7694	SUSQUEHANNA	SUSQUEHANNA	41 42	76 03		EST		8A		4		M MAUDE MC CAIN	3
SAFE HARBOR DAM	7732	LANCASTER	SUSQUEHANNA	39 56	76 23	180	EST		NOON		10		PA WATER & POWER CO	3
SAGAMORE 1 MI SE	7739	INDIANA	ALLEGHENY	40 46	79 14	1320	EST		7A		8		U S E P B G	3
SALTSBURG	7796	INDIANA	KISKIMINETAS	40 29	79 27	849	EST		8A		54		WALTER B SULLIVAN	[illegible]
SAXTON	7846	BEDFORD	WEST BRANCH	40 13	78 15	800	EST		7A		8		HUNTINGDON BROADTOP RR	3 4
SCANDIA	7855	WARREN	ALLEGHENY	41 55	79 02	2040	EST		MID		8		U S E P B G	3 4
SCHENLEY LOCK 5 LOWER	7863	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST		7A		70		U S E P B G	[illegible]
SCHENLEY LOCK 5 UPPER	7864	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST						U S E P B G	
SCRANTON WB CITY	7902	LACKAWANNA	SUSQUEHANNA	41 25	75 40	805	EST	MID	MID	48	48		U S WEATHER BUREAU	3 4
SELINSGROVE AIRPORT	7931	SNYDER	SUSQUEHANNA	40 49	76 52	460	EST	5P	5P	58	58		EUGENE H STEESE MGR	2 3 5
SELLERSVILLE 2 MI NW	7938	BUCKS	SCHUYLKILL	40 23	75 20	530	EST		MID		11		SELLERSVILLE WATER CO	3 4
SEWARD	7956	WESTMORELAND	CONEMAUGH	40 25	79 01	1122	EST		7A		10		EDW L STUTZMAN	3
SHADE GAP	7965	HUNTINGDON	JUNIATA	40 11	77 52	940	EST		MID		10		MRS HELEN L PYLE	3 4
SHAMOKIN	7978	NORTHUMBERLAND	SUSQUEHANNA	40 47	76 34	750	EST		8A		44		ROARING CREEK WTR CO	[illegible]
SHARPSVILLE	8000	MERCER	BEAVER	41 16	80 29	951	EST		7A		10		MRS M J KELLEY	[illegible]
SHEFFIELD 6 MI W CHERRY GROVE	8026	WARREN	ALLEGHENY	41 42	79 09	1940	EST		MID		11		L N HANSON	3 4
SHIPPENSBURG	8073	CUMBERLAND	SUSQUEHANNA	40 03	77 32	709	EST	4P	4P	16	20		STATE TEACHERS COLL	2 3 5
SMETHPORT HIGHWAY SHED	8190	MC KEAN	ALLEGHENY	41 48	78 27	1510	EST		MID		11		PENNA DEPT OF HWYS	3 4
SOMERSET WATER WORKS	8249	SOMERSET	YOUGHIOGHENY	40 01	79 05	2100	EST	6P	6P	79	65		D L GROVE	2 3 5
SOMERSET 2 MI E SUBSTATION	8254	SOMERSET	YOUGHIOGHENY	40 01	79 03	2280	EST		7A		13		PENNA ELECTRIC CO	[illegible]
SOUTH CANAAN 1 MI E	8275	WAYNE		41 31	75 24	1380	EST		MID				EUGENE M COOK	3 4
SOUTH MOUNTAIN	8308	FRANKLIN	POTOMAC	39 51	77 30	1600	EST		7A		9		PENNA DEPT OF HEALTH	3
SPRING GROVE	8379	YORK	SUSQUEHANNA	39 52	76 52	470	EST		4P		8		P H GLATFELTER CO	3 4
SPRINGS 1 MI SW	8395	SOMERSET	YOUGHIOGHENY	39 44	79 10	2500	EST	8P	8P	29	29		ALLEN E YODER	2 3 5
SPRUCE CREEK	8405	HUNTINGDON	JUNIATA	40 36	78 08	760	EST		7A		2		MRS C E SEIBER	[illegible]
STATE COLLEGE	8449	CENTRE	WEST BRANCH	40 48	77 52	1175	EST	MID	MID	61	64		PENNA STATE COLLEGE	2 3 4 5
STRAUSSTOWN	8570	BERKS	SCHUYLKILL	40 30	76 11	600	EST		8A		3		ROBT B HIESTER	3
STRONGSTOWN	8589	INDIANA	CONEMAUGH	40 33	78 55	1880	EST		MID		8		HARRY F BENNETT	3 4
STROUDSBURG 2 MI E SUBSTATION	8596	MONROE	DELAWARE	41 00	75 09	327	EST	9A	9A	31	31		METROPOLTN EDISON CO	[illegible]
STROUDSBURG	8601	MONROE	DELAWARE	40 59	75 11	390	EST		MID		10		SEWAGE TREATMENT WKS	3 4
STUMP CREEK	8610	JEFFERSON	ALLEGHENY	41 01	78 50	1320	EST		7A		8		U S E P B G	3
SUNBURY	8668	NORTHUMBERLAND	SUSQUEHANNA	40 51	76 48	440	EST		7A		26		CHAS W BAYLER	3 4
SUNBURY AIRPORT 2 MI N	8673	NORTHUMBERLAND	SUSQUEHANNA	40 54	76 47	454	EST	MID	MID	3	3		CIVIL AERO ADM	2 3 5
SUSQUEHANNA	8692	SUSQUEHANNA	SUSQUEHANNA	41 57	75 36	1000	EST		7A		14		LAURA BENSON	3
SUTERSVILLE	8699	WESTMORELAND	YOUGHIOGHENY	40 14	79 48	770	EST		7A		8		J H CRUMRINE	3
TAMAQUA	8758	SCHUYLKILL	SCHUYLKILL	40 48	75 58	800	EST		7A		7		MARY L ROBERTS	3
TAMAQUA 4 MI N STILL CRK DAM	8763	SCHUYLKILL	SCHUYLKILL	40 51	76 00	1120	EST		7A		16		PANTHER VALLEY WTR CO	3 4
TAMARACK 2 MI S FIRE TOWER	8770	CLINTON	WEST BRANCH	41 24	77 51	2200	EST	7A	7A	6	8		JAMES E SWARTZ	2 3 5
TIONESTA 2 MI SE DAM	8873	FOREST	ALLEGHENY	41 29	79 26	1200	EST	8A	8A	5	12		U S E P B G	2 3 5
TITUSVILLE 2 MI S	8880	VENANGO	ALLEGHENY	41 36	79 40	1550	EST	5P	5P	5	5		U S WEATHER BUREAU	2 3 5
TITUSVILLE	8885	CRAWFORD	ALLEGHENY	41 38	79 40	1200	EST		MID		10		PENNA ELECTRIC CO	3 4
TOWANDA	8905	BRADFORD	SUSQUEHANNA	41 46	76 26	755	EST	7P	7P	54	54		MRS M O PARKS	2 3 4 5
TOWER CITY 5 SW	8910	DAUPHIN	SUSQUEHANNA	40 32	76 37	725	EST		ss		3		HARRISBURG WATER DEPT	3
TUNKHANNOCK 1 MI S AIRPORT	8982	WYOMING	SUSQUEHANNA	41 32	75 57	639	EST	9A	9A	3	7		J D CHAMBERS MGR	2 3 4 5
TUNNELTON	8989	INDIANA	CONEMAUGH	40 27	79 23	900	EST		MID		8		W D WEIMER	3 4
TYRONE 4 MI NE BALD EAGLE	9024	BLAIR	JUNIATA	40 43	78 11	1080	EST		MID		11		FRED L FRIDAY	3 4
UNION CITY 1 MI W	9041	ERIE	ALLEGHENY	41 54	79 52	1280	EST		MID		11		PENNA ELECTRIC CO	3 4
UNIONTOWN	9050	FAYETTE	MONONGAHELA	39 54	79 44	1040	EST	6P	6P	59	60		WM W MARSTELLAR	2 3 5
VANDERGRIFT	9128	WESTMORELAND	KISKIMINETAS	40 36	79 33	800	EST		7A		9		UNITED ENG & FNDRY CO	[illegible]
VANDERGRIFT 2 MI W	9133	WESTMORELAND	KISKIMINETAS	40 36	79 36	995	EST		MID		10		EUGENE R YOUNG	3 4
VIRGINVILLE	9196	BERKS	SCHUYLKILL	40 31	75 52	230	EST		8A		3		IRENE M WERLEY	[illegible]
WARREN	9298	WARREN	ALLEGHENY	41 50	79 09	1190	EST	7P	7A	52	60		MERRELL L JORDAN	2 3 5
WASHINGTON	9312	WASHINGTON	OHIO	40 11	80 14	1200	EST		MID		10		PENNA DEPT OF HWYS	3 4
WATROUS 9 MI S LEE FIRE TOWER	9340	TIOGA	WEST BRANCH	41 37	77 33	2425	EST		7A		5		PA DEPT FRST & WTRS	3
WATSONTOWN	9345	NORTHUMBERLAND		41 05	76 52	490	EST		6P				WILLIAM H BIRD	3
WAYNESBURG 2 MI W	9362	GREENE	MONONGAHELA	39 54	80 13	980	EST	6P	7A	19	21		MFRS LIGHT & HEAT CO	3 4
BOROUGH OF WAYNESBURG	9367	GREENE	MONONGAHELA	39 54	80 10	940	EST		MID		10		RALPH M AMOS	2 3 5
WEBSTER MILLS 3 MI SW	9380	FULTON	POTOMAC	39 50	78 05	920	EST		MID		7		WM D COVER	3 4
WELLSBORO	9407	TIOGA	WEST BRANCH	41 45	77 17	1319	EST	7A	7A	69	78		M S BLISS	2 3 5
WELLSBORO 2 MI E	9412	TIOGA	WEST BRANCH	41 45	77 15	1610	EST		MID		12		IDA S MAYNARD	3 4
WELLSVILLE	9420	YORK	SUSQUEHANNA	40 03	76 57	500	EST	5P	5P	2	2		D D HOOVER	2 3 5
WERNERSVILLE	9430	BERKS	SCHUYLKILL	40 20	76 05	400	EST		7P		11		J H THOMPSON	3
WEST CHESTER	9464	CHESTER	DELAWARE	39 57	75 36	400	EST	7P	7P	93	98		CLYDE T SAYLOR	2 3 5
WEST GROVE 1 MI SE	9503	CHESTER	DELAWARE	39 48	75 49	452	EST		8A		19		CONRAD-PYLE CO	3
WHITESBURG	9655	ARMSTRONG	ALLEGHENY	40 45	79 24	1530	EST		7A		8		U S E P B G	3
WILKES-BARRE	9702	LUZERNE	SUSQUEHANNA	41 15	75 52	700	EST		7A		63		MRS MARY G MIRMAK	[illegible]
WILLIAMSPORT 4 SE	9723	LYCOMING	WEST BRANCH	41 13	76 57	1990	EST		7A		8		PA DEPT FRST & WATERS	3
WILLIAMSPORT 4 E WB AIRPORT	9728	LYCOMING	WEST BRANCH	41 14	76 56	580	EST	MID	MID	[illegible]	8		U S WEATHER BUREAU	2 3 4 5
WILLIAMSPORT	9733	LYCOMING	WEST BRANCH	41 15	77 01	540	EST		7A	55	62		ROBERT KEYSER	3 4
WILLIAMSTOWN	9741	DAUPHIN	SUSQUEHANNA	40 35	76 38	775	EST	5P	7A	33	14		GORDON E LOWER	2 3 5 5
WIND GAP 3 MI SW	9781	NORTHAMPTON	DELAWARE	40 49	75 20	730	EST		MID		3		GEO R HARTZ	3 4
YORK 3 MI SW PUMP STATION	9933	YORK	SUSQUEHANNA	39 55	76 45	390	EST	5P	5P	50	61		CLAYTON L BOTT	2 3 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP	PRECIP.	EVAP.		
YORK 2 MI S FILTER PLANT	9938	YORK	SUSQUEHANNA	39 56	76 44	640	EST		MID		11		YORK WATER CO	3 4
YORK HAVEN	9950	YORK	SUSQUEHANNA	40 06	76 43	300	EST		8A		28		METROPOLTN EDISON CO	3
YOUNGSVILLE	9966	WARREN	ALLEGHENY	41 51	79 19	1205	EST		MID		8		HIRAM C LYONS	3 4
ZIONSVILLE 1 MI SW	9994	LEHIGH	SCHUYLKILL	40 28	75 31	820	EST		6P		17		HORACE MILLER	3

REFERENCE NOTES

e four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers thin a state.

ations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

layed data and corrections will be carried only in the June and December issues of this bulletin.

ta in Tables 3, 5 and 6 are for the 24-hours ending at time of observation. See the Station Index for observation time.

- No record.
+ And also on later dates.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with windshield.
6 No recording gage, precipitation is measured at 6-hourly intervals.
a, b, c, through i Number of days missing. a indicates one day missing, b indicates two days missing, etc.
m One or more days of record missing; see Table 5 for detailed daily record.
ss This entry in time of observation column in Station Index means sunset.
r Station equipped with recording gage only. All amounts in Table 3 are from the non-recording gages, except for stations with this reference.
x Daily precipitation totals in Table 3 are for the 24-hours ending at 1:30 A.M., E.S.T., of the following day.
z Hourly amounts from recording gage at the same site may be found in Table 4.
T Trace, an amount too small to measure.

ta in Table 4 were formerly published in the Hydrologic Bulletins for the North Atlantic District and Ohio River District. Amounts in this table are from cording gages. Traces are not shown.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary. Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Federal Building, Albany 1, N.Y.)

W. R. P. C., Albany, N. Y. - - 2-16-49 - - - 1275

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ANP

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

PENNSYLVANIA

THE LIBRARY OF THE
AUG 3 1949
UNIVERSITY OF ILLINOIS

DECEMBER 1948
Volume LIII No. 12

ALBANY: 1949

PENNSYLVANIA - DECEMBER 1948

L. J. Conover, Section Director - Harrisburg

GENERAL SUMMARY

The first month of winter started off on a mild and wet basis. All reporting stations showed a fairly even distribution of above normal temperatures, most of which were from one to three degrees above normal. It was the ninth wettest December of record and the wettest since 1942. It was the fifth month this year with above normal precipitation. In the extreme northwestern counties of Venango, Warren, Crawford and Erie, precipitation was 0.50 to 1.80 inches below normal although nearly all the areas ranged above normal. Indiana County showed individuality in its precipitation with the reporting station at Indiana showing an excess of nearly one inch while Blairsville reported a deficiency of a half inch. Precipitation over the eastern portion of the State averaged 1.75 inches above normal compared to the western portion's 0.55 inch average above normal.

The first and second decades were mild and recorded the highest temperatures of the month. The northern counties recorded mild temperatures in the fifties during the first week and the southern counties recorded temperatures in the middle and upper sixties in the second week of the month. By the end of the third week, the spell of above normal temperatures had run the total to eight consecutive weeks. The fourth week was well below normal and due to the sudden change, seemed even more severe. With few exceptions, the lowest temperatures for the month were recorded on the 26th and 27th when temperatures below zero were recorded over nearly two-thirds of the State.

While snowfall was not exceptionally heavy, most areas received at least one good snow during the month. The snowstorm of the 19th produced depths of one to three inches over the extreme northwest portion and six to ten inches in the mountains and the eastern portion of the State. The areas of total monthly snowfall of ten or more inches for the month were from Perry to Bucks Counties and northward to Montrose and Wayne Counties, then along the northern border of the State and locally on the extreme western and eastern ridges of the Appalachians. Least snowfall occurred from Jefferson to Mercer and Beaver Counties.

The week ending the 20th saw precipitation amounts over the State averaged more than twice normal. Confluence, Pa. reported over four inches. As a result there was brief flooding on the Monongahela on the 16th. As a portent of winter weather to come, the glaze storm on the 15th and 16th over the central and east portions of the State seriously hampered traffic and caused wire trouble. The general pattern of weather movement the first half of December was from southwest to northeast. The third week in the month saw a change to from west to east, thus permitting cold air to approach Pennsylvania on a much more direct route from central and western Canada.

The snowstorm of the 19th ushered in the cold weather for the days before Christmas. This was intensified by a fresh outbreak of cold air on the 25th and 26th which brought below zero temperatures to many sections of the State. Many portions of the State had some snow cover still remaining on the ground at Christmas from the storm of the 19th. The Holiday week brought a return to rather high minimum temperatures, two to three inches of rain over the east portion of the State and three to eight inches of snow over the mountains. Rises in rivers during this week cleared out most of the ice. Flooding up to one to three feet above flood stage occurred in the Delaware Basin during the last days of the month, some minor flooding occurred on a few tributaries of the Susquehanna, but there was no flooding this time in the Allegheny or Monongahela basins.

TEMPERATURE

The average temperature for the State as deduced from the reports of 118 stations was 32.6°, which is 1.4° above the 61-year normal for December. The highest monthly mean was 40.9° at Philadelphia Franklin Institute and the lowest was 27.3° at Eagles Mere. Extremes ranged from a maximum of 69° at Huntingdon on the 14th to a minimum of -16° at Kane on the 26th.

PRECIPITATION

The average precipitation for the State, as deduced from the observations at 112 stations, was 4.25 inches, which is 1.18 inches above the 61-year normal for December. The greatest monthly amount was 7.17 inches at George School, while the least was 1.79 inches at Warren. The greatest amount recorded in any 24 consecutive hours was 2.52 inches at Eagles Mere and George School on the 30th.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes—inches				Wind speed—m p h				Relative humidity				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a E S T	7:30 a E S T	1:30 p E S T	7:30 p E S T	Percent of possible	Mean sky cover (tenths)
ALLENTOWN-BETHLEHEM EASTON AP	30.62	26	29.28‡	31	-	-	-	-	83	85	66	77		1037
ERIE WB CITY	30.69‡	26	29.53‡	6	9.7	24	NW	31	77‡	79‡	72‡	74‡	15	925
HARRISBURG WB	30.65	26	29.36	31	7.4	34	NW	31	75	81	60	66	53	951
PHILADELPHIA WB	30.59‡	26	29.32‡	31	8.1	23	NW	31	78‡	83‡	61‡	72‡	55	800
PITTSBURGH WB AP	30.68	26	29.51	19	10.2	39	W	31	76	82	66	68	29	924
READING WB CITY	30.64	26	29.33	31	10.3	35	W	6	-	77	-	-	53	899
SCRANTON WB CITY	30.65	26	29.30	31	6.2	24	N	25		75	67	-	33	1012

‡ Airport Data

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No of days 01 or more
1888	32.5	62	-10	3.14	5.2	9
1889	39.6	73	0	2.77	0.9	12
1890	27.2	59	-11	3.97	29.4	12
1891	38.4	68	- 3	4.09	0.3	10
1892	27.8	70	-13	1.69	5.7	9
1893	32.2	70	- 7	3.06	9.4	12
1894	32.4	66	-28	3.95	11.9	10
1895	34.2	70	-10	3.22	2.3	7
1896	30.6	67	-13	1.20	5.4	6
1897	33.0	73	- 6	3.95	9.6	12
1898	29.8	68	-11	2.98	8.7	10
1899	31.5	73	-11	3.04	4.4	10
1900	31.2	65	- 2	2.08	3.9	7
1901	29.1	77	-18	5.91	7.6	11
1902	28.4	68	-12	5.54	17.3	14
1903	25.4	60	-14	2.66	13.2	9
1904	25.8	71	-19	2.48	14.4	11
1905	33.6	65	- 5	3.57	2.2	8
1906	30.8	67	-14	3.97	7.6	14
1907	33.2	68	- 8	4.30	9.8	12
1908	32.0	74	- 2	2.86	9.4	10
1909	27.0	71	-10	3.39	12.7	8
1910	24.4	68	-14	2.65	16.0	12
1911	36.3	70	5	3.27	5.4	13
1912	34.4	74	- 8	3.27	8.1	9
1913	34.2	66	- 7	2.63	7.2	8
1914	27.3	69	-28	4.63	13.0	14
1915	29.4	70	- 7	4.06	13.7	12
1916	29.7	73	-12	3.07	10.5	12
1917	21.5	52	-28	1.78	15.0	8
1918	36.6	72	- 1	3.38	3.0	11
1919	25.3	66	-23	2.61	9.4	11
1920	33.4	68	- 7	3.28	3.8	10
1921	31.6	66	-11	2.59	7.2	10
1922	31.5	69	- 9	2.75	7.1	10
1923	39.6	71	1	4.99	2.4	14
1924	29.8	69	-23	2.13	3.6	11
1925	30.7	62	-15	1.72	3.8	10
1926	27.3	62	-20	2.58	10.0	12
1927	32.7	73	- 6	4.41	4.5	13
1928	34.4	68	- 2	1.16	0.9	6
1929	32.2	70	- 9	2.77	10.0	12
1930	30.0	59	-15	2.29	6.8	10
1931	38.1	70	- 1	2.85	1.1	11
1932	33.3	72	-14	2.19	7.4	12
1933	31.7	74	-22	2.88	8.7	12
1934	30.7	73	-10	2.55	3.0	10
1935	26.3	60	-19	2.62	13.5	16
1936	34.5	74	-11	4.19	6.3	11
1937	29.7	66	-14	2.45	5.7	10
1938	32.2	64	- 5	2.56	4.7	11
1939	33.9	68	- 8	2.24	6.0	11
1940	35.9	68	- 9	3.08	3.1	12
1941	35.6	76	- 8	3.10	2.0	10
1942	27.4	62	-25	5.05	11.5	14
1943	28.4	63	-23	1.12	2.1	5
1944	26.3	60	-26	3.79	22.6	13
1945	25.6	62	-22	2.73	16.6	13
1946	33.5	75	- 4	2.32	6.0	10
1947	29.6	66	- 5	1.52	6.3	10
1948	32.6	69	-16	4.25	8.6	12
Period	31.2	77	-28	3.07	8.0	11

ERRATA

November, 1948 - Total snowfall for the State should be 1.6 instead of 2.5.

Table 2

CLIMATOLOGICAL DATA

Station	Temperature						No. of days		Precipitation							No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
ATLANTIC DRAINAGE																		
ALLENTOWN-BETHLEHEM EASTON AP	30.9	- 1.8	61	4	- 1	27		27	5.05	1.75	1.59	30	10.9	9	19	10	5	2
ALLENTOWN GAS CO	33.5	1.7	62	5	8	27		26	4.97	1.78	1.79	30	10.1	9	20	11	5	2
ALTOONA HORSESHOE CURVE	31.7	2.0	60	13	5	26+		27	5.05	2.27	0.98	15	8.5	6	19+	13	7	
ARENDTSVILLE	33.5	0.7	63	14	- 2	27		27	4.14	1.01	1.54	30	7.5	[illegible]	20	12	6	1
AVOCA WILKES-BARRE SCRANTON AP	31.1		57	5	2	26+		25	4.96		1.53	30	10.8	5	19	10	8	1
BEAVERTOWN	32.3		58	4	- 2	27		29	5.16				6.0	6	19	10		
BELLEFONTE ROCKVIEW FARM	31.3		57	14	3	27		29	3.70	1.08	1.82	30	9.8	4	29	12	4	1
BERWICK	32.7		59	4	- 1	27		28	4.92		1.44	30	3.5	8	19	11	7	1
BETHLEHEM LEHIGH UNIVERSITY	34.3m	1.0	61	4	4	27		21	5.61	2.36			10.0	8	20	10		
BURNT CABINS 2 NE	31.0m		61	13	- 4	27					1.05	30	10.0	10	19			1
CANTON 1 NW	29.1		52	6+	0	26		29	3.47		1.15	30	7.6	[illegible]	20+	11	5	1
CARLISLE	33.2	1.5	62	13	- 3	27		26	4.27	1.35	1.38	29	8.0	8	19	11	6	1
CHAMBERSBURG	33.4	0.3	63	13	0	27		27	4.69	1.97	1.12	15	17.2	9	19	[illegible]	6	1
COALPORT	28.5m																	
COATESVILLE 1 SW	34.0	1.2	60	5+	2	27		26	4.89	1.13	1.48	30	5.0	5	20+	10	6	1
COLUMBIA	35.8		62	4	5	27		23	4.22		1.28	30	9.0	7	19	11	7	1
CURWENSVILLE 6 NW AIRPORT	27.7		52	7	- 2	26		28	5.49		1.04	29	14.3	7	31	16	7	1
EAGLES MERE	27.3		50	5	- 1	26		29	6.35	2.74	2.52	30	14.0	10	20	10	8	1
EAST WATERFORD 3 E	31.0		58	13	1	26		25	4.56	1.87	1.58	30	10.5	7	20+	13	6	1
EMPORIUM	30.1	0.8	56	5+	- 5	27		30	4.39	1.17	0.95	16				12		
EPHRATA	36.3	3.6	66	4	4	27		22	4.92	1.83	1.45	30	7.5			11	6	1
EVERETT	31.7	2.1	64	13	- 3	27		28	4.41	1.54	1.04	16	6.5	[illegible]	20	13	6	2
FREDERICKSVILLE 1 S	32.9		59	4	- 2	27		26	5.23		1.94	30	10.5	9	20+	11	4	2
FREELAND	30.3	3.1	56	29	2	25		26	5.33	1.84	2.12	30	8.5	7	19+	11	7	1
GEORGE SCHOOL	34.0	0.6	60	4	- 7	27		25	7.17	3.94	2.52	30	13.3	12	19	13	7	2
GETTYSBURG	35.2	2.5	65	14	3	27		24	4.77	1.62	1.66	30	7.5	8	20	12	7	1
GORDON	30.1	0.7	55	4	- 9	27		28	5.42	1.67	1.82	30	10.5			10	7	1
HANOVER	35.7	1.2	64	13	[illegible]	26		25	4.97	1.95	1.61	30	8.0	[illegible]	20	13	6	1
HARRISBURG 3 S WB AIRPORT	34.3	1.6	63	13	5	27		24	3.53	0.51	1.23	30	9.9	9	19	10	5	1
HAWLEY	28.7	0.5	59	4	-12	27		29	4.89	2.01	1.35	31	14.3	10	20	11	6	2
HEWITT 2 S	37.6m															9		
HOLTWOOD	36.5	2.0	63	13	10	26+		19	3.91	1.42	0.99	30	10.5	8	20	11	6	
HUNTINGDON	32.9	1.4	69	14	2	27		29	4.93	2.04	1.42	30	6.0	6	20	10	8	2
LANCASTER 2 NE PUMP STATION	33.8	0.8	61	4	0	27		27	4.35	1.24	1.33	30	9.0	8	19	13	6	1
LANCASTER 3 NE EXP STATION	33.9		68	8	2	27		26	4.13		1.16	30	6.5	6	20	13	6	1
LAWRENCEVILLE	30.0	1.9	56	7	- 4	27		30	2.21	0.28	0.77	30	12.0	5	20+	10	2	
LEBANON	32.8	0.8	60	4+	1	27		27	4.61	1.28	1.52	30	10.0			12	4	1
LEWISTOWN	33.3		64	14	[illegible]	27+		30	4.12		1.44	30	5.7	5	20	13	4	1
LOCK HAVEN 1	31.9		57	5+	3	27		30	4.51		1.65	30	7.0			9	6	1
MARCUS HOOK	40.4	2.0	67	14	15	26		18	5.15	2.28	1.28	30	5.0			12	6	3
MARTINSBURG BLAIR CO AIRPORT	31.5		60	13	4	26		27	3.95		0.88	15	9.1	7	19	9	7	
MAUCH CHUNK 1 SW	29.1m	- 1.4			-11	27		25			2.20	30		10	20+			1
MIDDLETOWN OLMSTED FIELD	34.3	1.3	61	13	5	27		26	5.28	2.88	1.88	30	9.5	[illegible]	19	10	8	1
MONTROSE 3 E HIGHWAY SHED	27.5	1.3	53	6	- 2	27		30	3.90	1.33	1.13	30	14.8	7	20+	12	5	1
NEFFS MILLS 4 NE	30.3		60	14	- 7	27		30										
NEWBURG 3 W	28.6		54	13	4	25+		30	3.20		1.22	15	6.5	6	19	8	4	1
NEWPORT	30.7		62	14	- 3	27		31	4.35	1.56	1.43	30	14.3			11	5	1
PALMERTON	31.5	0.1	61	4	- 5	27		27	4.13	1.48	1.32	29	11.7	10	20	[illegible]	5	2
PARK PLACE 1 NW WB AIRPORT	29.5		51	4+	1	26		27	5.10		1.56	30	11.4	10	19+	13	6	2
PHILADELPHIA DREXEL INST TECH	38.9		61	4+	13	25+		13	5.47		2.21	30	7.1	7	20	11		1
PHILADELPHIA FRANKLIN INST	40.9m								5.12		1.25	30	7.2			12	7	2
PHILADELPHIA WB AIRPORT	37.2		61	4+	12	27		17	5.26	1.83	2.30	30				11	6	1
PHILADELPHIA POINT BREEZE	39.1		64	13	13	25+		16	4.48		2.07	30				11	6	1
PHILADELPHIA SHAWMONT	36.9	2.9	61	4	5	27		22	5.70	2.30	1.58	30	8.2	8	19	12	7	2
PHILADELPHIA WB CITY	39.3	3.0	61	4+	13	25+		14	5.63	2.20	2.10	30	7.5	7	19+	13	6	2
PHILLIPSBURG 7 E AIRPORT	27.6		53	13	- 3	26		29	3.35		0.99	15	6.3	4	19+	10	6	
PHOENIXVILLE 1 E PUMP STATION	35.7m	2.0	64	4	- 1	27		25	4.98	1.81	1.59	30				10	8	1
PORT CLINTON	30.7	- 1.1	59	5	3	28		30	5.52	1.91	2.20	30	10.5	10	20	11	6	1
QUAKERTOWN	32.8	1.6	59	4	- 8	27		25	5.69	2.32	2.27	30	11.6	10	19	14	6	1
READING WB CITY	36.1	1.9	64	4	8	27		18	5.90	2.34	1.67	30	9.6	[illegible]	19	12	5	3
RETREAT FARMS	32.0		54	5+	- 2	27		28	2.39		0.77	6	6.2	6	19+	10	3	
SCRANTON WB CITY	32.3	1.6	56	4+	3	27		23	4.72	1.70	1.17	30	11.9	6	19+	[illegible]	8	2
SHIPPENSBURG	34.7	1.9	63	13	4	27		24	4.56	1.56	1.39	30	9.0	7	19	[illegible]	6	2
STATE COLLEGE	32.4	2.5	58	13	5	26		26	5.07	2.42	1.45	29	6.0	4	20+	11		1
STROUDSBURG SUBSTATION	31.8	1.6	63	5	2	27		29	6.28	2.97	2.06	30	13.5	10	20	[illegible]	5	2
SUNBURY 2 N AIRPORT	32.0		58	4	5	27		29	5.27		1.29	30	12.4	5	18	10	7	2
TAMARACK 2 S FIRE TOWER	27.4		54	5	- 4	26+		29	4.22		1.17	30	8.0	4	20+	12	6	1
TOWANDA	31.1	2.2	58	13	- 3	27		30	2.85	0.64	1.16	30	9.2	4	19+	10	4	1
TUNKHANNOCK 1 S	29.9		58	[illegible]	- 6	27		30	3.34		1.43	30	10.5	5	20+	9	4	1
WELLSBORO	29.2	1.5	55	14	0	27		30	3.04	0.65	0.81	30	7.8	5	20+	12	5	
WELLSVILLE	33.1		61	13	- 3	27		27	3.99		1.49	30	8.0	8	19	10	6	1
WEST CHESTER	36.0	2.7	61	4+	8	27		22	5.51	1.72	2.15	30	8.2	8	19	12	6	2
WILLIAMSPORT 4 E WB AIRPORT	31.0		57	4	0	27		28	5.08		1.09	30	8.7	4	20+	10	6	2
WILLIAMSTOWN	32.8	1.6	59	13	- 3	27		27	3.90	1.05	1.64	30				10		1
YORK 3 SW PUMPING STATION	35.9	2.6	64	13	0	27		23	5.04	2.16	1.70	30	8.0	7	19	12	7	2
DIVISION	32.6	1.4							4.67	1.75								
OHIO DRAINAGE																		
BAKERSTOWN 4 WNW	31.3		56	5+	10	27+		29	3.81		0.76	16				11	6	
BLAIRSVILLE 6 ENE	31.2		55	13	0	26		21	2.60	-0.51	0.72	12	17.9	6	20+	12	5	
BRADFORD 4 W RESERVOIR NO 1	28.9	1.3	54	4	-15	26		30	3.11	0.10	0.66	12	14.1	6	25+	16	5	
BROOKVILLE AIRPORT	30.6	2.7	53	4+	0	26		28	4.08	0.99	0.82	29	3.2	3	20	11	5	
BURGETTSTOWN 3 W	31.5		61	17	- 3	26+		30								12		
BUTLER	34.0	2.8	58	5	2	26		24	3.46	0.74	1.40	16	2.8	2	20+	13	5	1
CLARION 3 SW	30.2		56	4	- 3	26		30	3.57	0.19	1.16	16	3.0	2	21	12	4	1
CLAYSVILLE	34.7	2.3	62	16	- 1	26		23	3.53	0.63	1.54	15	6.0	2	19+	12	4	1
CONFLUENCE 1 SW	32.1		60	14	- 2	27		24	6.30		2.14	16	10.6	8	20	14	8	1

See reference notes following Station Index.

CLIMATOLOGICAL DATA

Table 2–Continued

Station	Temperature								Precipitation									
							No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground	Date	.01 or more	.25 or more	1.00 or more
CORRY	31.4	3.0	55	4	- 2	26		25	2.98	-0.50	0.86	29	19.3	7	25	18	4	
COUDERSPORT	29.8	3.5	52	7+	- 6	26		31	3.47	0.81	0.61	6+	15.0	6	25+	13	5	
DERRY	34.4	2.2	60	13	6	26		21	3.62	0.40	0.66	15	9.0	4	20+	11	6	
DONEGAL	29.2		56	13	- 3	26		25	4.50		1.32	15	15.5	8	19	12	6	1
DONORA	39.3	3.6	66	14	11	26		16	3.31	0.79	1.62	15	4.1	3	19	10	3	1
EBENSBURG	29.7	1.3	54	8+	- 1	26		28	4.95	1.93	0.96	30	9.4	7	19+	14	9	
FARRELL SHARON	33.7	2.7	54	3+	1	26		23	2.44	0.05	1.20	16	2.0	2	19+	6	3	1
FORD CITY 4 S	31.3		57	14	2	26+		29	3.32		0.84	16	7.0	4	20	11	6	
FRANKLIN	32.2	2.8	57	5+	4	26+		26	2.43	-0.76	0.89	16	3.0	2	21	10	4	
GREENSBURG 2 S FILTR STATION	33.9	1.1	62	16	2	26		26	4.37	1.21	1.28	15	7.1	4	19+	12	6	1
GREENVILLE	32.7	1.9	55	4	- 2	26		26	2.91	0.16	0.79	29	5.7	2	19+	13	4	
INDIANA 2 SE	32.2		59	7	- 2	26		27	3.63		0.93	29	4.8	4	19	11	6	
INDIANA	33.9	3.1	56	13	2	26		21	4.28	0.98	0.87	29	5.6	4	20	12	6	
JAMESTOWN 2 NW	31.1		57	5	1	26		29	2.58	0.35	0.69	16	2.5	2	20	16	4	
JOHNSTOWN 1	34.5	2.2	64	14	4	27		24	4.87	1.27	1.12	16	8.5	7	20	15	8	1
LANE 1 NW	27.5		53	4	-16	26		31	3.67	0.33	1.07	29	16.0	6	25	16	4	1
MEADVILLE 1 S	31.2	2.2	58	5	0	26		27	2.42	-0.64	0.63	13	4.5	2	20+	15	4	
MERCER HIGHWAY SHED	32.3		56	3+	4	26		24	2.79		1.11	16	3.0	2	19+	12	4	1
MIDLAND DAM NO 7 LOWER	34.8	1.8	56	13	11	26		21	2.96	0.63	0.84	16	1.7	2	19	11	5	
NEW CASTLE 1 N PUMP STATION	32.7	1.8	56	3+	- 2	26		27	3.19	0.58	1.25	16	1.4	1	25+	10	4	1
NEWELL	36.4	1.1	57	6+	6	26		21	3.51	1.10	1.05	15	7.0	6	19	11	5	1
PITTSBURGH 7 SE WB AIRPORT	35.2		62	13	8	26		20	3.25		1.09	15	6.5	3	19+	12	4	1
PITTSBURGH WB CITY	37.2	3.0	62	13	12	26		19	3.35	0.49	1.48	15				11	4	1
PUTNEYVILLE 2 SE	27.9		54	14	- 6	26		31	4.11					3	19	10		
RIDGWAY	30.0	2.3	59	5	-10	27		29	3.54	0.81	0.83	13	5.0	2	20+	13	4	
SOMERSET WATER WORKS	30.8	1.9	60	13	- 3	27		28	4.31	0.60	1.46	15	9.8	8	19	13	6	1
SPRINGS 1 SW	30.1	0.9	59	13	- 2	27		26	5.54	2.30	2.06	15	15.1	10	19+	13	8	1
TIONESTA 2 SE DAM	29.9		58	5	- 1	26+		31					3.5	3	21	11	3	
TITUSVILLE 2 S	31.0		55	4	- 3	26		30	2.80		0.84	29	6.8	3	20	14	3	
UNIONTOWN	37.7	2.8	65	5	8	26		21	3.58	0.27	1.25	15	3.8	2	19+	12	5	1
WARREN	31.4	2.9	58	5	- 2	26		28	1.79	-1.36	0.50	13	5.0	2	21+	15	1	
WAYNESBURG 1 E	34.8		64	16	2	26		26	3.22		1.13	16	3.6	2	19+	13	3	1
DIVISION	32.3	1.7							3.54	0.55								
LAKE DRAINAGE																		
ALBION	32.7		60	4	6	26		26	2.04		0.54	16				14		
ERIE WB CITY	35.2	3.3	57	5	14	25+		20	2.13	-0.70	0.55	29	7.4	3	20	15	3	
DIVISION	34.0	3.3							2.08	-0.70								
STATE	32.6	1.4							4.25	1.18								

ERRATA

Annual Climatological Data, 1946: Clearfield, Pa.
April, 1946 - Precipitation departure shown as -2.11 should be -3.11.

June, 1946 - Precipitation departure shown as 4.50 should be 5.50.

May, 1948 - Total precipitation for Towanda should be 5.78; departure, 2.30.

August, 1948 - Mean temperature for Pittsburgh 7 SE WB Airport should be 71.8; lowest temperature, 52 on the 6+.

September, 1948 - Mean temperature for Pittsburgh 7 SE WB Airport should be 66.2.

November, 1948 - Lowest temperature for Pittsburgh 7 SE WB Airport should be 30 on the 11th.

November, 1948 - Total snowfall for Burgettstown 3 W should be deleted.

See reference notes following Station Index.

DAILY PRECIPITATION

PENNSYLVANIA

DECEMBER 1948

Table 3

Station	Day of Month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ACMETONIA LOCK 3				.02		.21		T		T	.02		.24		.48	.87	.08		.15	.06	.04				T	T			.19	.53	.07	2.96
ALBION z					.01	.02				.01		.20	.51		.02	.54			.02	.10	.02	.01			.12				*	.46		2.04
ALLENS MILLS r	.02					.51						1.06			.50	.85			.18	.10	.09	.02							1.08	.26	.04	4.71
ALLENTOWN-BETH EAST AP z			T	.05		.08				T		.15	T		.89	.40	.01	T	.52	T	T		T		T				1.19	1.59	.17	5.05
ALLENTOWN GAS CO				.04			.06					T	.15		.07	.72	.35		.05	.65		T		T					.05	1.79	1.04	4.97
ALTOONA HORSESHOE CURVE			.05	.02		.44				.03		.04	.31		.98	.78			.50	T	.02				T				.89	.79	.20	5.05
ARENDTSVILLE			.10	.11		.29							.16		.20	.60	.30		.12	.37									.10	1.54	.25	4.14
AUSTINBURG 2 W r						.15						.25			.43	.22			.26										.17	.65	.01	2.14
AVOCA WILKES-BARRE AP						.73				T		.43			.27	.51	T	T	.29	.01	.02	T	T	T	T	T			.80	1.53	.37	4.96
BAKERSTOWN 4 WNW				.05		.08							.36		.73	.76	.19		.20	.30									.40	*	.74	3.81
BARNES						.22		.01					1.33	.02	.15	.71			.17	T	.07			.07	T				.20	.78	T	3.73
BEAR GAP						.59						*	.20		.86	.13			.47										1.35	1.32	.10	5.02
BEAVER FALLS						.05				T	.02		.58		.18	.74	.07		.10	T	.05				T	T			.15	.34	.02	2.36
BEAVERTOWN				.05		.69						.22			*	1.03			*	.84									*	2.32	.01	5.16
BELLEFONTE ROCKVIEW FARM			.15	.07									.30		.24	.26	.16		.10	.05	.05				T				.10	1.82	.40	3.70
BERWICK						.56				T		.27	.07		.58	.38	.02		.40	T	.03				T				.94	1.44	.23	4.92
BETHLEHEM RIVER STATION				.02			T					T	.13		.06	.96	.32		.05	.54		T		T		T			.11	1.80	1.20	5.19
BETHLEHEM LEHIGH UNIV z			*	.03		.09				T		.13			*	1.32			.80		T				T				1.00	1.28	.96	5.61
BLAIN r			.09			.71						.15	.02		.39	.21			.30	.01									-	-	.01	-
BLAIRSVILLE 6 ENE			T	T	T	.20		T		.02		.72			.32	.27			.29	.01	.07		T	T	.01				.34	.17	.18	2.66
BLAKESLEE CORNERS r						.39						.19			.46	.56			.47		.03								*	2.70	.39	5.15
BLOSERVILLE 1 N						.48						.09	.15		.65	.25			.97		T								.54	1.33		4.46
BOSWELL z			.01			*	.40	.01			T	.03	.55		.23	1.03	1.02		.50	.50						.02			.15	.83	.16	5.44
BRADDOCK LOCK NO 2				.10		.16		T					.43		.30	.80	.13		.20	.05	.02								.16	.75	.05	3.13
BRADFORD CITY HALL						.17	T	.01	T	T		.03	T		.60		.05	.45	.12	.01	.13	.02	.06	.04	.03	.01	.01	T		.02	.73	.02	2.51
BRADFORD 4 W RES NO 1	T	T				.18		.04	T	.02	T	.66	T	.05	.28	.28	T	T	.24	T	.20	.05	.03	.03	.06	T			.59	.34	.06	3.11
BRADFFORD 5 S						*						*	1.54		*	*	*		*	*	*	*	*	*	*	*			*	*	4.90	6.44
BREEZEWOOD			.06			.29						.04	.06		1.00	.38			.48	T					T				1.05	.73	T	4.09
BROOKVILLE AIRPORT					T	.36		T		T		.80			.81	.77	T	T	.12	.09	.06		T	T	.02				.82	.21	.02	4.08
BRUCETON			.07			.16				.01			.44		.60	.95	.12			.26	.02								.37	.46	.06	3.53
BUCKSTOWN r			.06		.02	.36						.45			.57	.66		.02	.28									.50	.42	.25	3.55
BUFFALO MILLS				.05									.48		.32	.86	.34		.40	.10									.09	.82	.21	3.67
BURGETTSTOWN 3 W				.08		.06	T			.02			.38		.51	.77	.01		.23	T	.07				T				.42	.05	-	-
BURNT CABINS 2 NE			.02			.36									.86	.38			.55										.67	1.05	.03	-
BUTLER						.08		T		.01	.01	.30	.38		.44	1.40			.09	T	.01			T	.01				.60	.10	.03	3.46
BUTLER SUBSTATION r					.02	.04						.78			1.02	.84			.10		.07	.02							.88	.09	.02	3.88
CAMP HILL						*	1.14						.15		*	*	.85		*	.83						T			*	1.38	.05	4.46
CANTON 1 NW z						.30						T	.36		T	.82	.05		.06	.15	T	.03		T	T	.04			.02	1.15	.49	3.47
CARLISLE			T	.03		.41						.05	.08		.54	.53	.07		.78	T					T			.37	1.38	.03	T	4.22
CARROLLTOWN				.03		.40		T				.02	.38		T	1.30	.31		.35	.09	.07		T	T					.32	1.33	.16	4.76
CARTER CAMP z						.34	.05					T	.68		T	.93	.20		.05	.22	T	.14				T			T	1.19	.22	4.01
CEDAR RUN						.32	.11						.54		.04	.82	.11		T	.25		.08			T					1.21	.46	3.94
CHADDS FORD				.57									.08		.06	1.00	.33		T	.81									.25	1.69	.78	5.55
CHAMBERSBURG z			.13			.45						.01	.10		1.12	.38			.80						T				.72	.98	T	4.66
CHARLEROI r					.02	.15						.32			1.42	.22			.41						.03				.54	.08	.10	3.22
CHARLEROI LOCK 4	T		T	.06		.16				T	T		.39		.72	.80	.12		.27	.16	.01								.04	.56	.11	3.46
CLARION 3 SW z						.23				T	.02		.85		.17	1.16	.02		.05	.08	.09								.29	.60	.01	3.57
CLAUSSVILLE						.05	.11						.13		.12	.83	.24		.08	.58									.54	2.13	.64	5.46
CLAYSVILLE						.05				.01		.07	.37		1.54	.27			.19	.02	T				T	.01			.77	.16	.07	3.57
CLEARFIELD				T		.54	.02	T			T		.66		.12	1.45	.45		.12	.15	.06	.03		T		T			.08	1.19	.37	5.24
COALDALE 2 NW						.05	.59				T		.09		.08	.80	.37		.12	.64		.06		.02					.08	2.22	.75	5.84
COALPORT z						.48				-		-	-		-	-	-		*	*	.40		-	-	-				.70	.42	.60	-
COATESVILLE 1 SW z			T	.60		T	T					T	.09		.02	.95	.34		.02	.44						T			.20	1.48	.75	4.88
COATESVILLE			T	.63			.02					T	.08		.02	.98	.40		.01	.58						T			.21	1.51	.74	5.10
COGAN STATION 2 N						.72							.32		.46	*	.42		*	.32					T				.27	-	-	-
COLUMBIA			.06	.30		.25						T	.07		.79	.39	.03		.53						T				.36	1.28	.16	4.22
CONFLUENCE 1 SW z			.09	.06		.41				T	.03		.57		.71	2.14	.59		.49	.38	.03					T			.12	.63	.05	6.31
CONFLUENCE 1 NW			.08	.03		.41				T	T	T	.80		.03	2.12	.75		.43	.45	T					T			.10	.59	.03	5.80
CONNELLSVILLE			T	.02		.19				T	.01		.24		.36	.59	.34		.13	.25	T				T		T		.05	.73	.10	3.00
CONNELLSVILLE 4 N r						.25					.06	.26	.01		1.28	.88			13										.79	.12	.09	3.88
CONSHOHOCKEN			.02	.67			.05			.02	.08					.95	.15			.86									.30	1.12	1.20	5.40
CORAOPOLIS DAM 2			T	.03		.09		T		T	T		.21		.45	.69	.11		.17	T	.01					T			.40	.31	.01	4.29
CORRY						.09		.01	T	.05		.61	T		.28	.25	.02		.14	.02	.14	.04	.03	.20	.06	.06			.86	.02	.10	2.99
COUDERSPORT						.61				T		.61			.13	.07			.41	.06	.08		T	.02	.18	.04			.61	.47	.18	3.46
COVINGTON						.25	.03						.08		T	.27			.03	-	.04								-	-	-	-
CREEKSIDE						.24				T	.02		.31		.34	1.10	.24		.19	.15	.07								.16	1.12	.06	4.00
CRESSON 1 E SUMMIT r						.30					.02	.48			.35	.42			.35	.24									1.09	.59	.24	4.00
CURWENSVILLE 6 NW APT	T		.03			.52		.03		.07		.78			.92	.80	T	T	.27	.04	.08	T	.01	.01	.02	T			1.04	.71	.16	5.44
CUSTER CITY 2 W SONGBIRD						.17	.02					*	.34	.15	.04	.46	.08	.10	*	.12	.07	.10	.06	.05	.07				.09	.86	.1.	2.8
DANVILLE						.62	.15				T		.22		.16	.88	.25		.10	.40	T	.06							.09	2.00	.65	5.5
DAUPHIN 3 N				T		.30	.06						.06		.10	.81	.16		.12	.54	T	T			T	T			.08	1.49	.76	4.44
DERRY						.16		T		.06		.08	.48		.66	.46			.30	.08									.65	.47	.22	3.66
DINGMANS FERRY z							.16						.17			.85	.22			.70						T				2.05	2.17	6.31
DONEGAL			.03		T	.32		T		.05		.93		T	1.32	.36		T	.45	.01	T			T	.01			.63	.19	.20	4.53
DONORA			.03	T	.10	T				.02		.21			1.62	.22		T	.37	.02	T				T				.60	.12	T	3.34
DOYLESTOWN			.01	.46		.02						.05	T		.60	.32	.03		.69	.08					.03				.43	2.03	.51	5.25
DRIFTWOOD r						.40						.85			.74	.43			.16		.11								.76	.63	.01	4.00
DU BOIS 7 E z			T			.41		T		.02		.93	.04		.75	1.11			.12	.02	.05		T	T	.03				.71	.81	.11	5.11
DUNLO r	.02					.51				.03		.77			*	*			*	1.92					.02				*	*	1.30	4.51
DUSHORE r						1.10						*			*	1.54			.13										*	*	3.47	6.21
EAGLES MERE z						.79	.17				T		.32		T	.77	.29			.34	.10					T			.31	2.52	.74	6.31
EAST WATERFORD 3 E				.01		.66	.10				T	T	.16		.21	.51	.07		.30	.39	T	.02		T	T	T			.11	1.58	.44	4.51
EBENSBURG				.02		.38		T			.02		.66		.33	.93	.35		.34	.05	.10				.01	T			.55	.96	.25	4.91
ELIZABETHTOWN				.01		.22							.02		.18	.71	.09		.17	.64									.07	.33	.14	2.51
EMPORIUM z				T		.63						*	.86		.29	.95			*	.26	.12		.05						.12	.89	.22	4.31
ENGLISH CENTER r						.52						.44			.76	.39			.23		.08								*	*	1.75	4.11
EPHRATA			.05	.20		.19						.03			.70	.28		.04	.68							T			.90	1.45	.40	4.93
EQUINUNK						.12	.58				T		.23	.05		.56	.39	T	T	.49		.11			T	T			.03	1.52	1.81	5.81
ERIE WB CITY z					.04	T		.03	T	.11	T	.40	.01	T	.36	.08	T	T	.16	.01	.03	.02	T	.11	T			.06	.55	.16	T	2.1
ERIE AIRPORT					.04	T	T	T	T	.06		.38	T		.41	.11	T	T	.25	T	.05	.12	T	T	T			.07	.49	.14	.01	2.11
EVERETT z			.03	.53		.43						.03	.21		.15	1.04	.33		.27	.22									04	1.00	.13	4.44
FARRELL SHARON										T	T	*	.57		.07	1.20			.19							T			.41		T	2.41
FORD CITY 4 S z						.41				T			.35		.39	.84	.14		.15	.04	.03					T			.35	.54	08	3.31
FRANKLIN z						.08		T		T	.07	T	.51		.07	.89			.06	.02	.03				T	T			.27	.43	T	2.41
FREDERICKSVILLE 1 SE				.11		T	.12					T	.14	T	T	.05	1.26	.02	.85	.02	T			T		T			.03	1.94	.69	5.21
FREELAND						.26	.25		T	T		.21		.13	.60	.37		.10	.60						T				.23	2.12	.46	5.31
GALETON	T					.31			T	T		.46		.08	.54	.20	.05	T	.26	.02	.08		T	T	T				.46	.60	.05	3.11
GEIGERTOWN				.37			.07						.03			.44	.65			.65									.25	1.85	33	4.61
GEORGE SCHOOL			.01	.90		.08						.05			.52	.97	.10		1.19	.02					.02				.39	2.52	.40	7.11
GETTYSBURG			.12	.25		.27							.16		.30	.84	.13		.31	.30	T					T			.21	1.66	.22	4.71
GETTYSBURG 1 S r			.40			.25						.09	.10		1.10	.40			.61	.08	.02								.70	1.39		5.11
GIFFORD						.30		T			T	T	.66		.02	.58	.05		.15	T						.20			*	*	.90	2.61
GLENCOE r			.30			.30						.55			1.40	.62		.08	.72										.37	.35		4.61
GLEN HAZEL						.49					T		.75	T	.02	*	.71		*	.23	.08	T				.01			.25	.94	.14	3.61
GLEN ROCK r		.01	.49	.45		.16							.05		.80	.50			.57		.03								.93	.94		4.91
GLENWILLARD DASH DAM				.04		.14				T	T		.20		.44	.69	.18		.14	.01	T				T	T			.22	.42	.01	2.41
GOOD SPRINGS 1 NW r						.59						.18			*	.40			.41										1.32	1.35	.10	4.31
GORDON						.63				T		.12	.12		.30	.55	.03		.78										.75	1.82	.32	5.41
GOULDSBORO						.02	.33						.30			1.11	.39		.06	.60		.03				.03			.07	1.96	1.10	6.01
GRANTVILLE 2 SW			.02	.03		*	.50					.09	.09		.84	.30	.02		.80		T				T				.73	1.85	.05	5.31
GRATERFORD			.02	.51			.06						.11		.04	.81	.26		.11	.84	T								.06	2.40	1.17	6.31
GREENSBORO LOCK 7			.17	.01		.22				T	T	T	.46		.50	1.07	.23		.19	.33	T					.01			.11	.58	.04	3.91
GREENSBURG 2 S FILT STA			.02			.19				.04	T	.10	.44		1.28	.63			.50	.03	T				T				1.11	.16	16	4.31
GREENSBURG 2 E HGWY SHEDr					*	.28						*	.71		1.17	.32			*	.35									1.11	.16	.02	4.11
GREENSBURG 3 SE UNITY RES			.27			.20				.05		.25	.50		1.50	*	.75		.60	.05	T				T				1.00	.40	.35	5.91

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station	Day of Month																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GREENVILLE	.01					15				05		.74			.52	.34	T		.13	.02	.09				.01				.79	.03	.03	2.91
HANOVER			.13	.32		16	.03						.13		.14	.91	28		.07	.63						T			1.84	.40	4.97
HARRISBURG 3 S WB AP z			.03			.27						.06	.04		.65	.13			.44	T	T			T	T			.66	1.23	.02	3.53
HARRISBURG NORTH				.01		.33	T						.16		.28	.61	.10		.37	.33	T								1.96	.41	4.74
HAWLEY						T	.21					T	.25	T		.78	.36		.02	.59		.01	T	T	T	.01			.64	1.39	1.35	4.89
HEWITT 2 S z				.20		.35										1.30	.88											.02	.10		
HOLLIDAYSBURG r					.02	.21						.41			1.10	.60			.45		.08								.91	.15		4.23
HOLLISTERVILLE						T	.43						.36	T		.94	.35	T	.01	.52		.01	.01	T		.02			.01	1.64	1.04	5.37
HOLTWOOD z			.12	.60		T	T				T	T	.15		.04	.78	.31		.04	.39						T			.13	.09	.14	3.91
HOME r					.01	.26						.45			1.10	.39			.13		.07								1.41	.09	.12	3.93
HONESDALE 4 NW						.18	.28						.29	.01		.89	.26			.52		.02		T					.08	1.50	1.03	5.06
HONESDALE 6 N TNRS FLS/ r						.29						.27			.26	.08					.03								.86	1.40	.43	
HOOVERSVILLE			T			.40					.01		.39		.26	1.21	.39		.43	.10	.01				T	T			.13	.74	.16	4.24
HOP BOTTOM 2 S						.10	.35						.12			.75	1.00			.80		T	T						T	1.55	.21	4.88
HUNTINGDON						.52							.34		.43	1.05	.30		.30	.13	T								.95	1.42	.39	4.93
HUNTSDALE z			T	.08		.28	T					T	.10		.29	.68	.15		•	.57						T			.06	1.19	.33	3.73
HYNDMAN			.05	.18		.27							.33		.42	1.21	.35		40	.19									.04	.73	.12	4.29
INDIANA 2 SE z						.27				.01		.07	.18		.86	.47			.27	T	.02				T				.93	.50	.05	3.63
INDIANA						.33				.05		.06	.04		.77	.51			.84	.04	.08				T				.87	.55	.14	4.28
JACKSON SUMMIT r						.24						.23			.28	.24			.21	.05	.04				.02				.25	.78	.29	2.63
JAMESTOWN 2 NW z	.01					.13		.01		.02	.01	.07	.66		.01	.69			.11	.02	.04	.02	T		T	T			.51	.26	.01	2.58
JOHNSTOWN 1				T		*		.32	T		T	.01	.01	.60	.32	1.12	.33		.60	.22	.04			T	.01	T			.36	.88	.05	4.87
JOHNSTOWN 2 r					.02	.32			T			.63	.01		1.05	.72			.53		.02								.96	.32	.12	4.70
KANE 1 NW					.01	.28				.03		.77			.57	.22		T	.20	.05	.12	.01	.01	.01	.05				1.07	.10	.17	3.67
KANE 5 SE z					.08	.24						.63			.51	.31			.21	.04	.11				.07				1.05	.10	.19	3.54
KARTHAUS						.50	.05						.54		.10	1.10	.83		.06	.16	T	T							.02	1.22	.44	5.02
KREGAR 4 SE			.05		T	.46		T		.17		.49			2.34	.42		.08	.87	.07	T		T	T	.07	T		T	.88	.33	.31	6.54
KRESGEVILLE 3 W						T	.35						.53		T	.91	.43		T	.74		T				T			•	2.15	.74	5.85
LAFAYETTE MC KEAN PARK						.27		.02		T	.04		.68		.10	.50			.18	.04	.09	.02		.02	.03	.06			.20	.84	.10	3.19
LAKEVILLE 1 N						T	.25						.24	T		1.02	.21		.04	.65	T	.02	T	T	T	T	T		T	1.40	1.39	5.22
LANCASTER 2 NE PUMP STA			.06	.43		.05						.02	.02		.82	.48	.01		.65						.01				.28	1.33	.19	4.35
LANCASTER 2 NE FILT PLT r			.11	.32		.15						.03			.82	.48			.53	.02									.57	1.03	.13	4.19
LANCASTER 3 NE EXP FARM			.03	.46		.07	.11					T	.07		.05	.85	.24		.06	.28									.32	1.16	.43	4.13
LANSFORD						.10	.37				T		.19		.09	.69	.28		•	.74	.04			.03					.13	2.17	.83	5.66
LANSFORD FORESMANS SHOP	T			T		.03	.52				.01		.22		.07	.80	.24		.08	.40	.03			.05		.03			.13	2.25	.95	5.81
LATROBE						.19					.01		.55		.20	.67	.13		.78	.03	.05								.05	1.05	.15	3.86
LAURELTON STATE VILLAGE r						.53						.22			•	.77			•	•	.37								1.08	.93		3.90
LAWRENCEVILLE						.18				T		.16			.25	.22			.20	.05			T		.05	T			.11	.77	.22	2 21
LEBANON			•			.19	.18						.19		.08	.90	.11		.08	.62									.14	1.52	.60	4.61
LEBANON 3 SW r						.31						.14			.41	.27			.40									.02	.95	1.16	.02	3.68
LECONTES MILLS 5 NW				.01		.52	.02	.01			T		.77		.08	1.52	.11		.12	.18	.06	T		.01	T	.01			.03	1.24	.40	5.09
LEHIGHTON z							.10						.25		.10	.45	.50		.32	.51		T				T			.09	2.16	.76	5.24
LE ROY							.02						.12		.08				•	.20									.25	1.16	1.16	2.99
LEWIS RUN 3 S	T	T	T	T	T	.23	T	T	T	T	.03	T	.63	T	T	.51	T		.12	.04	.09	T	.06	T	T	.04			10	.88	.08	2.81
LEWISTOWN z				.03		.70	.11						.15		.03	.77	.09		.15	.23						.01			.06	1.44	.35	4.12
LINESVILLE 6 NW PENN LINE						.07				.02	T	T	.65		T	.52			.12	.03	.05	T	T	T	T	T			.49	.36	T	2.31
LOCK HAVEN 1						.55	.07						.45		T	.80	.35		T	.07	T								.07	1.65	50	4 51
LOCK HAVEN 2 r						.44						.38			.78	.80			.20		.04								1.42	1.01	.03	5.10
LONG POND						.03	.32				T		.20		.04	.98	.36		.06	.25		.02				.03			.05	2.00	1 05	5.39
LYCIPPUS 1 E			T							-		.46	.48		1.30	.73	.06		.43	.11	.02				.01				.69	.13	.46	-
MAPLE GLEN			T	.66		T							.03		.20	1.00	.06		.14	.27						T			.27	1.71	.65	4.99
MAPLETON DEPOT						.48					T		.16		.12	.90	.20		.24	.18		T							.05	1.35	.29	3.97
MARCUS HOOK			.05	.30		T	.02					T	.05		.03	1.08	.29		.04	.66									.20	1.28	1.15	5.15
MARIENVILLE r					.01	.19						.71			.49	.44			.17	.03	.08				.05				1.16	.02	.08	3.43
MARION CENTER 2 SE				T		.34				.02			.55		.32	.65	.08		.13	.06	.12	T				T			.22	1.20	.15	3.84
MARSHBURG						.25	T	T	T		.07		*	.60	*	.34	.25		.07	.06	*	.19		.02	.03	.02			.13	.35	1.03	3.41
MARTINSBURG r					.02	.52						.25	.02		.86	.57			.52										.70	.59	.01	4.06
MARTINSBURG BLAIR CO AP			T			.55				T		.35			.88	.47			.33	T	.01		T	T	T				.76	.57	.03	3.95
MATAMORAS							.09						.32			.52	.16			.56									T	1.54	2.47	5.66
MAUCH CHUNK 1 SW			T			-						.10	.08		.38	.12	.04	T	.87	.03	.03				T				.92	2.20	.33	-
MAYBURG						.25		T				.05	.75	.02	.05	.75			.05	T	.05			.05				T	-	.75	-	
MC CONNELLSBURG			T	T		.34	T					.14	T		.14	1.02	.30		.24	.20									.10	1.79	.26	4.39
MC CONNELLSTOWN 4 NW				T		.45	.02				T	T	.32		-	-	-		-	-									.01	1.45	.35	-
MC KEESPORT			.04	.12		.13		T		T			.44		.56	.83	.24		.39	.06	.08					T			.50	.23	.07	3.69
MEADOW RUN PONDS r			.02			1.00						.55			.81	.60	.06	*	.60	.25									-	-	-	-
MEADVILLE 1 S z	T					.15		T		.01	.02	.04	.63	T		.54	.01	T	.13	.02	.02	.05	T	T	.02	T			.41	.36	.01	2.42
MEDIX RUN r						.41						.97			.79	.64			.14		.07								.85	.60	.05	4.52
MERCER HGWY SHED r						.08				.03	.03	.08	.44		.10	1.11	T		.16	.01	.04				T				.37	.34		2.79
MERCERSBURG			.12	.06		.46							.15		.34	1.25	.15		.50	.07									.14	1.39	.02	4.65
MERWINSBURG r						.35						.22			.41	.19			.61		.05								.37	2.01	.40	4.61
MEYERSDALE			.08	.07	*	.38						.02	.72		.30	1.39	.72		.30	.40					.01				.04	.54	.03	5.00
MIDDLETOWN OLMSTED FLD			.41			.34						.25	.03		.34	.53			.62	T	T			T	T				.86	1.88	.02	5.28
MIDLAND DAM NO 7				.02		.07		T		T	.01	T	.46		.39	.84	.45		.09	T	T					T			.25	36	.02	2.96
MILAN r						.35						.18			.55	*			.29										.23	1.04	.22	2.86
MILANVILLE						T	.36						.25	T		.54	.37			.56		.02			T				T	1.39	1.66	5.15
MILLERSBURG 2 E r						.50						.18			*	*			1.26										*	*	2.13	4.07
MILLVILLE r						.48						.22			.31	.58			.16		.02								*	*	2.60	4.37
MILROY						.68							.27		*	*	1.02		*	*	*								*	*	2.35	4.32
MONROE FURNACE r						.57						.24			.68	.42			.38		.03								1.40	1.05	.05	4.82
MONROETON 2 S						.30	.16				T		.11	T	T	.57	.21	T	T	.30	T	T	T	T		T			.02	1.15	.96	3.78
MONTROSE 3 E HGWY SHED						.18	.23				T		.18	.02		.67	.26	T		.43	T	.06	T	T	T	.04			.03	1.13	.67	3.90
MONTROSE r						.78						.20	.04		.51	.28			.17		*				*				*	*	1.75	3.73
MOSGROVE LOCK 8			T	T		.41		T		T	.03		.64		.22	1.32	.16		.15	.04	.09			T	T	T			.45	.53	.04	4.08
MOUNT UNION 1 NW // r					*	.56						*	.55		*	*			1.99		*				1.00				*	*	2.05	6.15
MURRYSVILLE r			.06		.05	.12				.03		.48			1.13	.34			.33		.04								.96	.03	.12	3.69
MYERSTOWN						T	.22						.15		.02	.76	.21		T	.79						T			T	1.66	.59	4.40
NATRONA LOCK 4				.03		.30		.01		T	.01		.24		.35	.71	.12		.12	.06	.02				T	T			.16	.76	.05	2.94
NEWBURG 3 W						.54				T		.01			1.22	.14			.52										.50	.15	.12	3.20
NEW CASTLE 1 N PUMP STA z					.05	T				.06		.60	.01		.71	1.25			T	.01				T	.07				.42		.01	3.19
NEWELL			.04			.08				.02			.44		1.05	.75		T	•	.53									.39	15	.06	3.51
NEW PARK			.25	.75		.10						-	-		.47	1.01			.40										.65	1.09	-	
NEWPORT						.50	.05						.14		.04	.91	.21		.18	.35						T			.06	1.44	.48	4.35
NEW TRIPOLI						.34						.10	.02		.78	.40	.04		.83	.02	.02		T		.02				1.34	1.99	.15	6.01
NORRISTOWN			T	.67			.01					T	.09			.96	.27		.04	.77						T			16	1.20	1.30	5.47
ORWELL 3 N						.42	.13						.16			.26	.08		.03	.16	T	T				.01			.05	1.21	.47	2.99
PALM				.12			.08						-		.20	1.10	.16		.15	.70									.10	2.44	.74	
PALMERTON z						.32						.14			.49	.31	T		.20		T				T				1.32	1.17	.18	4.13
PARKERS LANDING						.11					*		1.02		.22	1.77			.11	*	.15			T	T	T			.35	.45	T	4.18
PARKERS LANDING 1 E r					*	.07						.94			.92	.98			.10		.08								.74		.03	3.86
PARK PLACE 1 NW WB AP			T	T		.62				.01		.12	.04		.67	.32	.01	T	.62	.01	.01		T		T	T			1.00	1.56	.11	5.10
PAUPACK						*	.18						.20			.80	.40		*	.62						.02			T	1.37	1.45	5.04
PECKS POND						*	.16						.23		T	.72	.21		*	.45		T	T			T			.18	2.00	1.22	5.17
PHILADELPHIA DREXEL INST			.34	.10		T						T	.02		*	.78	.50		.92	T					.02				.50	2.21	.08	5.47
PHILADELPHIA FRANKL INST			.02	.35			T						.05		.05	.85	.25		.22	.45						.05			.38	1.25	1.20	5.12
PHILADELPHIA WB AIRPORT z			.26	.08		.01			T			.02	.02		.96	.28	T		.92	T					T				.32	2.30	.09	5.26
PHILADELPHIA PT BREEZE z			.25	.10		.01							.05		.74	.38	T		.47	.01					T				.34	2.07	.06	4.48
PHILADELPHIA SHAWMONT			.05	.49		.03						T	.10		.40	.65	.03		.90	.10					T				.37	1.58	1.00	5.70
PHILADELPHIA WB CITY z			.34	.12		.01			T			T	.04		.88	.43	.01		1.10	T					.01				.54	2.10	.05	5.63
PHILLIPSBURG 7E AIRPORT r			T			.05		T		.01	T	.38			.99	.48		T	.25	T	T		T	T	.02	T			.62	.51	.04	3.35
PHOENIXVILLE 1 E PUMP STz			.30	.25		.03							T		.40	.44	.55		.80										.50	1.59	.12	4.98
PIKES CREEK r			•			1.00						.37				.40			.42		.10								1.78	1.12	.19	5.39
PINE GROVE 1 NE						.35	.15				T		.10		.09	.82	.23		.12	.55	T	T			T	T			.13	2.02	.49	5.05
PINE GROVE MILLS 1 S r						.62						.20			.50	.23			.48		.10	.06							1.10	.65		3.94
PITTSBURGH 7 SE WB AP z			.13		.03	.10		T		T		.49		T	1.09	.26		T	.23	.03	.01			T	T			T	.77	.08	.03	3.25
PITTSBURGH WB CITY z			.06		.10	.03		T		T		.30		T	1.48	.12		T	.28	.05				T	T			T	.75	.06	.12	3.35

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

PENNSYLVANIA

DECEMBER 1948

Station	Day of month																													Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PLEASANT MOUNT 1 W z						.13	.61						.38			.50	.30			.48		.08		T					.21	1.45	1.00	5.14
PORT ALLEGANY	T					.49						.02	.60		.09	.56	.03		.13	.09	.05	.02		.01	.01	.01			.01	.86	.20	3.18
PORT ALLEGANY 3 SW						.48						*	.72	.03	*	*	.82		*	.18	.04	*	.13	.02	.03	.02			*	.95	.10	3.52
PORT CLINTON z						.18	.29						.12		.05	.69	.30		.06	.53		T							.23	2.20	.87	5.52
PORTLAND							.21						.16			.63	.39		.03	.73									.09	2.39	1.37	6.00
POTTSTOWN				.15			T					.14	.64			.42	.08			.70					T				.18	1.88	.76	4.95
POTTSVILLE						.36	.29						.14		T	.98	.13		T	.68		T							T	1.95	.60	5.13
POTTSVILLE BRIDGE						.35	.25						.17		.07	.68	.19		.10	.55		T			T				.15	2.08	.56	5.15
PUNXSUTAWNEY 1						.32		T			T		.78		.21	1.25	.26		.08	.06	.07								.14	1.29	.05	4.51
PUNXSUTAWNEY 2 r						.35						.72			.89	.78	.03		.19	.05	.08								1.25	.12	.09	4.55
PUTNEYVILLE 2 SE z			T			.50							.83		.22	*	1.38		.10	.08									.25	.70	.05	4.11
QUAKERTOWN			.01	.19		.06						.08	.08		.76	.44	.08		.73	.05					.02				.64	2.27	.28	5.69
RAYMOND r						.31		.01	.13			.58	.05		.42	.43			.18		.05	.06	.01						.64	.76	.01	3.64
READING WB CITY z			T	.03		.17						.14	.01		1.26	.48	.02		.66		T				.01				1.40	1.67	.05	5.90
RENOVO						.39	.03						.66		.23	.88	.37		.04	.18	T	.04		T		.01			.05	1.25	.43	4.56
RENOVO 6 S STATE CAMP r						.51						.64	.03		.89	.50		.02	.34	.02	.13								1.16	.72	.10	5.06
RETREAT FARMS						.77				T		.22	.07		.47	.04			.22		.02				T				.16	.40	.02	2.39
REW						.33					T		*	.63	*	.55	.12		*	*	*	*	*	*		.42			.28	.70	.10	3.13
RICES LANDING LOCK 6			.02	.02		.16					T		.22		.72	.82			.25	.18	T								.05	.57	.05	3.06
RIDGWAY z						.43		T					.83		.22	.80	.01	T	.10	.12	.06			.02	.01	T			.16	.65	.13	3.54
RINGTOWN 1 SW						.50						-			-	-			.70										1.60	1.70	T	-
ROCHESTER 1 N r					.04	.01						.45	.05		.84	.60			.11						.05			.03	.63	.04	.05	2.90
RUSH						.42	.21					.15	T		.48	.72			.30										.03	1.10	.67	4.08
SAGAMORE 1 SE						.21				T	.02		.43		.25	.69	.11		1.15	.05	.10			T	T	T			.32	.91	.08	4.32
SALTSBURG			T	.07		.27		T		T	.01		.63		.34	.80	.04		.33	.10	.04					T			.16	1.12	.09	4.00
SAXTON z						.47							.10		.01	.77	.18		*	.55									.06	1.20	.06	3.40
SCANDIA r	.08					.15			.05	.08			.05		*	.60			.18		.05		-		.06				.79		.10	2.87
SCHENLEY LOCK 5				.02		.37		T		T	.01		.39		.36	1.02	.50		.12	.14	.02	T				T			.20	.72	.07	3.94
SCRANTON WB CITY r						.65				T					.44	.31		T	.39	T	.01	T	T		T	T			1.14	1.17	.33	4.72
SELLERSVILLE 2 NW r				.14								.13	.03	.01	.68	.41			.35										.81	2.38	.09	5.03
SEWARD				.02		.08	.12						.74			1.13	.69		.28	.16	.02								.12	1.12	.06	4.54
SHADE GAP r						.43						.04			*	.90			.45										.74	1.01		3.57
SHAMOKIN						.42	.15				T		.18			.90	.08		*	.55									.12	1.98	.63	5.01
SHARPSVILLE						.05				T	.02	.05	.50		.05	1.10			.20	.01	.05					.02			.46	.32	.01	2.84
SHEFFIELD 6 W C GROVE r					.01	.17						.69			.27	.32		.02	.31					.01	.09				1.00	.06	.12	3.07
SHIPPENSBURG			.01			.53						.02			1.02	.37	T		.75	T	T				T				.47	1.39	T	4.56
SMETHPORT HGWY SHED r						.37						.65			.32	.31			.20		.09	.03							.87	.39	.08	3.31
SOMERSET WATER WORKS			.02			.25				.02	T	.17	.21		1.46	.56			.58	.01					.03				.56	.39	.05	4.31
SOUTH CANAAN 1 E r						.37						.29			.58	.41			.55		*	.06							*	*	2.30	4.56
SOUTH MOUNTAIN			.06	.10		.32	.03						.19		.21	.96	.19		.25	.50									.15	1.60	.53	5.09
SPRING GROVE z			.09	.27		.13						.04	.07		.70	.54	.02		.73	T									.32	1.74	T	4.65
SPRINGS 1 SW			.25	T		.52				.03	T	.10	.27		2.06	.75	T		.75	.01	T			T	.05	T			.30	.34	.11	5.54
SPRUCE CREEK						.55	.01						.20		.02	1.07	.38		.45	.17	.02								.64	1.04	.41	4.97
STATE COLLEGE z			.06			.69		T		T	T	.26			.86	.46		T	*	.34	.02		T	T	T				1.45	.89	.04	5.07
STRAUSSTOWN						.02	.41						.10		.06	.89	.21		.12	.71		.02				T			.24	2.07	.59	5.44
STRONGSTOWN r			.02		.01	.46				.02		.61			.71	.59			.19										1.39	.15	.04	4.19
STROUDSBURG SUBSTATION							.14						.21		T	.99	.43		.11	.72		T							.12	2.08	1.50	6.26
STROUDSBURG r				.05		.14						.20			.68	.67			.74										1.20	1.84	.41	5.93
STUMP CREEK						.54							.87	.33	1.03		.39		.08	.09	.05								.09	1.32	.03	4.82
SUNBURY z				T		.56	.26					T	.17		.13	1.04	.14		.14	.32	T	T			T	T			.12	1.75	1.04	5.67
SUNBURY 2 N AIRPORT			.01			.72				T		.16			.92	.30	T	T	.43	T	.03			T	T				1.11	1.29	.30	5.27
SUSQUEHANNA						.05	.45		T		T		.18	.09		.56	.17	T	.01	.44	T	.08	T	T	.02	T			.01	1.36	1.04	4.46
SUTERSVILLE				.05		.13				T	T		.22		.71	.80	.09		.33		T								.05	.80	.03	3.21
TAMAQUA						.34	.44						.18		T	1.02	.49		T	.73									.29	2.20	.76	6.45
TAMAQUA 4 N STL CR DAM z			T			.09	.51				T		.47		.04	.81	.20		.11	.59	*	.04							.14	2.47	.65	6.12
TAMARACK 2 S FIRE TOWER	T			T		.43	T				T		.73		.26	.80	.17		.08	.22	.03	.02	T	T	.04	T			T	1.17	.27	4.22
TIONESTA 2 SE DAM z						.10			T	T	T	T	.57		.09	.78	.01		.13	.03	.08				T	T			.26	-	-	-
TITUSVILLE 2 S	T					.12		T		.05	T	.62	.02		.46	.16	T	T	.19	.08	.14	T	.03	.03	T				.84	.03	.03	2.80
TITUSVILLE r				.08	.09	.02						.65			.32	.27			.13	.07	.12								-	-	-	-
TOWANDA m	T					.20		T		T		.13	.03	T	.32	.32	T	T	.23	.03	T	T	T		T	T			.13	1.16	.30	2.85
TOWER CITY 5 SW						-						.03	.06		.64	.52			.79										.66	2.05	.20	-
TUNKHANNOCK 1 S z						.54							.13		.03		.16		.08	.28									.04	1.43	.65	3.34
TUNNELTON // r			.02		.01	.25						.57			.86	.42			.39										-	-	-	-
TYRONE 4 NE BALD EAGLE r						.49						.36			.83	.89			.25	.08									1.54	.44	.08	4.96
UNION CITY 1 W r					.08	.01						.55			.27	.23			.13		.09	.02	.01						.70	.10	.21	2.40
UNIONTOWN			.05			.22				.02		.04	.27		1.25	.27			.51	.01					T				.58	.23	.13	3.58
VANDERGRIFT						.25		T		T			.27		.30	.83			.18	.22	.21								.17	.92	.09	3.44
VANDERGRIFT 2 W r					*	.25						.23			.84	.41			*	*	.58								1.00	.01	.11	3.43
VIRGINVILLE				T		.02	.29						.14		T	.84	.22		.08	.39						T			.06	1.97	.75	4.76
WARREN						.11		.02		T	.05		.50	.02	T	.22	.04	T	.20	T	.08	T	T	.11	.04	.02	T	T	.13	.23	.02	1.79
WASHINGTON r					.04	.01						.28			1.68	.28			.19										.88			3.36
WATROUS 9 S LEE FIRE TWR						.49	.03				T		.65	T	.10	1.11	.17		.05	.25	T	.12				T			T	1.11	.33	4.41
WATSONTOWN						.69				T		.06	.13		.83	.68	T	T	.45	.03	.04			T	T				.95	1.22	.37	5.45
WAYNESBURG 2 W z					.13	.11						.20			1.81	.10			.31							T			.66		.04	3.36
WAYNESBURG 1 E			.02	.02		.12				T	T		.19		.66	1.13	.04		.20	.12	.02								.03	.60	.07	3.22
WEBSTER MILLS 3 SW r		m	.25			.30						.09	.01		1.10	.68			.19										.60	.90		4.12
WELLSBORO						.30	.03				T		.40	T	.04	.54	.19		.02	.21	T	.02							.03	.81	.45	3.04
WELLSBORO 2 E m						.34						.37			.50	.33			.15			.02	.06						.37	.78	.15	3.07
WELLSVILLE			.04	.11		.32						.04	.03		.64	.31			.48										.53	1.49	T	3.99
WERNERSVILLE			.01	T		.29						.07	.04		.82	.41	.03		.75		T		T		T				.95	1.72	.07	5.16
WEST CHESTER			.51	.19		.04						.01	.06		1.01	.27	.01		.60	T					T				.57	2.15	.09	5.51
WEST GROVE 1 SE			.12	.53		T	.04						.07		.04	.98	.57		*	.56									.29	.80	1.40	5.40
WHITESBURG			T	T		.45				T		T	.32		.42	1.10	.08		.48	T	T	T							.50	.65	.10	4.10
WILKES BARRE						.09	.52				T		.83		T	.43	.26		.03	.35				T		T			.07	1.76	.78	5.12
WILLIAMSPORT 4 E WB AP						.71		T		T		.41			.83	.49	T	T	.24	.01	.02			T	T	T			1.07	1.09	.21	5.08
WILLIAMSPORT 4 SE						.52	.09						.40		.05	.30	.47		T	.15	T	.09							.17	1.01	.11	3.96
WILLIAMSPORT r						.46	.17						.38		.16	.97	.40		.02	.35	T	T							.12	1.68	.67	5.38
WILLIAMSTOWN						.28	.15						.23		T	.46	.20		*	.50	T				T				.08	1.64	.36	3.90
WIND GAP 3 SW r						.16							-		-	-			-										*	*	3.50	-
YORK 2 SW PUMPING STA			.10	.33		.25						.03	.15		1.04	.45	.02		.64	.02									.31	1.70		5.04
YORK 2 S FILTER PLANT r			.42	.09	.03	.26						.06			.71	.49		.03	.62										.78	1.09		4.58
YORK HAVEN			.01	.08		.29	.14						.07		.08	.79	1.06		.13	.57									.07	1.36	.56	5.21
YOUNGSVILLE r					.12	.06						.61			.30	.19			.16		.10		.05	.05	.04				.80		.20	2.68
ZIONVILLE 1 SW			.03	.15		.08						.10			.50	.55	.05		.55	.05									.80	2.00	.10	4.96

DELAYED DATA

JULY 1948																														
MEADOW RUN PONDS r			*	*	*	.50							2.09	.02				1.05			.62	.02	.39			.09	.01			4.79
MERCER HIGHWAY SHED r			.07	.42		.32						.26	1.43			.03				.09	.30	1.25	.37			.22	.83	.02		.03		5.64
AUGUST 1948																														-
COUDERSPORT					1.21	.08		.16			*	.18	.08					.13	-	-	-									.02	5.63
ERESGEVILLE 3 W	T			.04		3 06						.89	T		T				.53		.34	.05	.70							.35	2.76
MILROY				*	.93				.04			.30	.50						.53			.11	*	*							
SEPTEMBER 1948																														.16		1.47
AVOCA WILKES-BARRE AP				T			T	.37	.04	.09								.32	.13	.36									.35	.34		1.67
BURGETTSTOWN 3 W				.07				T	T	.07									.57	.19		.07		.01					.07	.12		1.58
BUTLER						.01		.17	.09	.10									.80		.04	.19								.34		1.53
PHILADELPHIA DREXEL INST								T	.21	.76								.22			T											1.03
SCANDIA							.50		.08	.05										.10									.28	.02		
OCTOBER 1948																																1.51
PHILADELPHIA DREXEL INST					.52		T	.09			T		.08				T	.21		.02			.08	.45	.06							
NOVEMBER 1948																																3.85
BETHLEHEM LEHIGH UNIV			.05	.47	T	.54	.29		T	.22		T	.10				.08		.51	.54		*	.29			*	.25	*	.49			3.54
MOSGROVE LOCK 8 LOWER	.05	T		.33		.18	.45			T	.17		.06	.01			.19		.04	.60	T	T	.22				.52		.70	T		

See reference notes following Station Index
See page 326 for Errata.

Table 4

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
ALLENS MILLS																		.01	.01						.02
CANTON 1 NW				.01								.01													.02
DUNLO									.01	.01															.02
JAMESTOWN 2 NW																						.03			.03
SCANDIA			.01	.02					.01	.04															.08
—2d—																									
GLEN ROCK																								.01	.01
HEWITT 2 S																								.04	.04
WEBSTER MILLS 3 SW																				*	*	*	*	*	*
—3d—																									
BETHLEHEM LEHIGH UNIVERSITY																*	*	*	*	*	*	*	*	*	*
BLAIN				.01	.01	.01	.01	.01	.01	.01	.01	.01													.09
BUCKSTOWN			.01	.01		.01	.02	.01																	.06
CHAMBERSBURG	.01	.01	.01	.02											.01	.01		.01		.03					.11
COATESVILLE 1 SW																	.01	.02	.08	.10	.01	.01	.09	.12	.44
CONFLUENCE 1 SW		.01	.05	.03		.01					.01	.02	.01												.14
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.03											
EVERETT	*	*	*	*	*	*	*	.05							*	*	*	*	*	*	*	*	*	*	*
GETTYSBURG 1 S		.05	.04	.01													.02	.08	.08	.12					.40
GLENCOE	.07	.05	.05	.03		.01	.01	.04									.02	.02							.30
GLEN ROCK	.02	.09	.04	.01	.01				.01	.01							.01	.12	.04	.10	.01	.01	.01		.49
HARRISBURG 3 S WB AIRPORT																		.01	.01		.01				.03
HEWITT 2 S	.01	.04	.03	.02	.02	.03										.04	.05								.24
HOLTWOOD		.01	.04	.02								.01							.08	.01	.04	.03		.02	.26
HUNTSDALE																	.02	.01							.03
LANCASTER 2 NE FILTER PLANT													.01	.03		.01				.04		.02			.11
MEADOW RUN PONDS						.01	.01																		.02
MURRYSVILLE									.04	.02															.06
PHILADELPHIA WB AIRPORT				.01	.04						.01	.04	.01			.01	.01	.02	.02	.03		.03	.02	.01	.26
PHILADELPHIA POINT BREEZE					.01	.03							.03					.02	.04	.03	.01	.02	.04	.02	.25
PHILADELPHIA WB CITY						.01							.03					.05	.04	.04	.02	.06	.07	.02	.34
PHOENIXVILLE 1 E PUMPING STATION		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PIKES CREEK							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PITTSBURGH 7 SE WB AIRPORT								.05	.08																.13
PITTSBURGH WB CITY									.04	.02															.06
STATE COLLEGE									.04	.01								.01							.06
STRONGSTOWN																		.01	.01						.02
SUNBURY AIRPORT 2 N 6																					*	*	*	.01	
TUNNELTON //								.01	.01																.02
WEBSTER MILLS 3 SW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.25					.25
YORK 2 S FILTER PLANT		.03	.03	.01	.01													.16	.06	.01	.10	.01			.42
—4th—																									
ALLENTOWN-BETHLEHEM EASTON AP		.01	.02	.01	.01																				.05
BETHLEHEM LEHIGH UNIVERSITY	*	*	*	*	*	.03																			.03
COATESVILLE 1 SW	.07	.02	.05	.02																					.16
GLEN ROCK	.02	.15	.15	.08	.02	.01			.01	.01															.45
HOLTWOOD	.09	.11	.12	.02		.01																			.35
LANCASTER 2 NE FILTER PLANT		.07	.16	.08	.01																				.32
PHILADELPHIA WB AIRPORT		.01			.01	.03	.01	.02																	.08
PHILADELPHIA POINT BREEZE	.01	.01	.02	.01			.01	.03	.01																.10
PHILADELPHIA WB CITY	.01	.02	.03	.01			.01	.03	.01																.12
PHOENIXVILLE 1 E PUMP STATION	*	*	*	*	*	*	*	*																	*
READING WB CITY		.02	.01																						.03
SELLERSVILLE 2 NW	.09	.01	.01	.01								.02													.14
SPRING GROVE		.05	.01	.01	.01		.01									.01	.01	.10	.01	.07	.06	.01			.36
STROUDSBURG							.01	.01	.02	.01															.05
TITUSVILLE												.07	.01												.08
YORK 2 S FILTER PLANT			.01	.05																	.01	.01	.01		.09
—5th—																									
ALBION																					.03	.01			.04
BOSWELL																								.01	.01
BUCKSTOWN																								.02	.02
BUTLER SUBSTATION																								.02	.02
CHARLEROI																								.02	.02
CLARION 3 SW																							.03	.03	.06
DU BOIS 7 E																								.01	.01
ERIE WB CITY																					.01		.02	.01	.04
ERIE AIRPORT 6																					*	*	*	*	
FORD CITY 4 S //																							.01	.02	.03
FRANKLIN																				*	*	*	*	*	*
GREENSBURG HIGHWAY SHED																				*	*	*	*	*	*
HOLLIDAYSBURG																						.01		.01	.02
HOME																								.01	.01
INDIANA 2 SE																								.03	.03
JAMESTOWN 2 NW																						.03	.01		.04
JOHNSTOWN 2																								.02	.02
KANE 5 SE																								.08	.08
MARIENVILLE																								.01	.01
MARTINSBURG																						.01		.01	.02
MEADVILLE 1 S																							.07	.05	.12
MERCER HIGHWAY SHED																					.06	.04		.01	.11
MOUNT UNION 1 NW //																			*	*	*	*	*	*	*
MURRYSVILLE																							.02	.03	.05
NEW CASTLE 1 N																							.05	.02	.07
PARKERS LANDING 1 E																				*	*	*	*	*	*
PITTSBURGH 7 SE WB AIRPORT																								.03	.03
PITTSBURGH WB CITY																							.07	.03	.10
PUTNEYVILLE 2 SE																							.02	.03	.05
ROCHESTER 1 N																					.01	.02	.01		.04
SHEFFIELD 6 W CHERRY GROVE																								.01	.01
STRONGSTOWN																								.01	.01
TIONESTA 2 SE DAM //																							.03	.02	.05
TITUSVILLE																							.07	.02	.09
TUNKHANNOCK 1 S																								.04	.04
TUNNELTON //																								.01	.01
UNION CITY 1 W																						.01		.07	.08
VANDERGRIFT 2 W																				*	*	*	*	*	*
WASHINGTON																								.04	.04
WAYNESBURG 2 W								.01				.01				.01								.10	.13
YOUNGSVILLE																							.09	.03	.12
—6th—																									
ALLENS MILLS	.02	.13	.14	.03	.02	.13	.04																		.51
ALLENTOWN-BETHLEHEM EASTON AP									.01	.02	.02	.03													.08
AUSTINBURG 2 W			.03	.06	.03	.01	.01	.01																	.15

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.14	*	*	*	*	*	.59											.09
BETHLEHEM LEHIGH UNIV								*	*	*	*	.09													.71
BLAIN		.01	.05	.12	.12	.11	.13	.14	.02		.01														
BLAIRSVILLE 6 ENE 6	*	.01	*	*	*	*	*	.19																	.39
BLAKESLEE CORNERS								.02	.16	.19	.02														.38
BOSWELL	.04	.06	.07	.02	.09	.08	.02																		
BROOKVILLE AIRPORT 6	*	.19	*	*	*	*	*	.17																	.36
BUCKSTOWN	.02	.06	.11	.06	.08	.01	.01	.01																	.04
BUTLER SUBSTATION		.02		.01		.01						.01													.44
CANTON 1 NW			.01	.09	.03	.09	.08	.10	.03																.31
CARTER CAMP		.01	.03	.03	.07	.02	.08	.05	.01		.01														.43
CHAMBERSBURG			.01	.05	.11	.11	.07	.02	.06																.15
CHARLEROI	.10	.01	.01	.02	.01																				.17
CLARION 3 SW	.06	.08	.03																						.53
COALPORT		.07	.08	.10	.05	.05	.09	.06	.03																.41
CONFLUENCE 1 SW	.04	.11	.06	.03	.09	.08																			.25
CONNELLSVILLE 4 N			.05	.04	.01	.02	.02	.08	.03																.30
CRESSON 1 E SUMMIT	.03	.08	.05	.02	.11	.01																			
CURWENSVILLE 6 NW AIRPORT 6	*	.08	*	*	*	*	*	.44																	.16
DINGMANS FERRY		*	*	*	*	*	*	*	*	*	*	*	*	.16											.40
DRIFTWOOD		.03	.09	.10	.08	.02	.07	.01																	.38
DU BOIS 7 E	.08	.07	.08	.06	.05	.04																			.51
DUNLO	.01	.16	.11	.03	.05	.11	.02	.01		.01															1.10
DUSHORE		*	*	*	*	*	*	*	*	*	*	*	*	1.10											.97
EAGLES MERE					.18	.22	.18	.20	.14	.03	.01	.01													.60
EMPORIUM		.17	.20	.08	.04	.04	.06	.01																	.52
ENGLISH CENTER				.03	.15	.09	.08	.10	.06	.01															
ERIE AIRPORT 6	*	.04																							.43
EVERETT		*	*	*	*	*	*	.38																	.38
FORD CITY 4 S //	.19	.15	.02	.01	.01																				.07
FRANKLIN	*	.07																							.25
GETTYSBURG 1 S					.01	.07	.09	.05	.01	.02															.30
GLENCOE		.05		.10		.08	.05	.02																	.16
GLEN ROCK							.01	.10	.04	.01															.59
GOOD SPRINGS 1 NW					.05	.04	.10	.12	.11	.14	.02	.01													.28
GREENSBURG 2 E HIGHWAY SHED	*	*	*	*	*	*	*	.28																	.27
HARRISBURG 3 S WB AIRPORT					.02	.05	.09	.06	.04	.01															.19
HAWLEY 1 S WALLEN DAM								.02	.06	.08	.03														.41
HEWITT 2 S		.05	.04	.07	.07	.04	.06	.05	.03																.21
HOLLIDAYSBURG	.01	.09	.08	.03																					.26
HOME	.06	.05	.04	.05	.03	.03																			.29
HONESDALE 6 N TANNERS FALLS //										.14	.15														.26
HUNTSDALE			.01	.05	.08	.11	.01																		.29
INDIANA 2 SE	.08	.03	.04	.06	.02	.05	.01																		.24
JACKSON SUMMIT					.03	.08	.04	.08	.01																.05
JAMESTOWN 2 NW	.03			.02																					.32
JOHNSTOWN 2	.04	.04	.08	.02	.07	.05	.02																		.24
KANE 5 SE	.01	.11	.09	.01	.01	.01																			.15
LANCASTER 2 NE FILTER PLANT								.02	.02	.09	.01	.01													.53
LAURELTON STATE VILLAGE				.11	.12	.10	.07	.06	.07																.31
LEBANON 3 SW								.13	.09	.07	.02														.40
LEHIGHTON									.11	.09	.16	.01	.01	.01	.01										.78
LEWISTOWN				.06	.24	.17	.13	.10	.07	.01															.44
LOCK HAVEN 2			.07	.13	.08	.05	.11																		.19
MARIENVILLE	.08	.04	.06	.01																					.52
MARTINSBURG		.06	.11	.11	.06	.05	.06	.05	.02																
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.48	*	*	*	*	*	.07											1.00
MEADOW RUN PONDS	.01	.02	.03				.02	.07	.25	.40	.17		.03												.04
MEADVILLE 1 S		.02	.01	.01																					.41
MEDIX RUN		.10	.10	.09	.04	.03	.04	.01																	.04
MERCER HIGHWAY SHED		.01		.01		.01	.01																		.35
MERWINSBURG									.09	.12	.10		.01	.03											.35
MILAN		*	*	*	*	*	*	*	*	*	*	*	.35												.50
MILLERSBURG 2 E					.06	.11	.15	.08	.08	.02															.58
MILLVILLE						.10	.19	.11	.12	.06															.57
MONROE FURNACE		*	*	*	*	*	*	.57																	.78
MONTROSE					.01	.09	.19	.12	.21	.13	.01	.01	.01												.56
MOUNT UNION 1 NW //	*	*	*	*	*	*	*	.56																	.12
MURRYSVILLE	.09	.03																							.70
NEFFS MILLS 4 NE			.09	.19	.14	.12	.08	.08																	.32
PALMERTON									.12	.11	.08	.01													.07
PARKERS LANDING 1 E	*	*	*	*	*	*	*	.07																	
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.15	*	*	*	*	*	.47											.01
PHILADELPHIA WB AIRPORT											.01														.01
PHILADELPHIA POINT BREEZE											.01														.01
PHILADELPHIA WB CITY											.01														.41
PHILLIPSBURG 7 E AIRPORT			.12	.09	.04	.03	.09	.04																	.65
PHOENIXVILLE 1 E PUMPING STATION								*	*	*	*	*	.65												1.00
PIKES CREEK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00					.62
PINE GROVE MILLS 1 S			.12	.18	.07	.10	.10	.05																	.16
PITTSBURGH 7 SE AIRPORT //	.08	.01			.01																				.03
PITTSBURGH WB CITY	.03																								.78
PLEASANT MOUNT 1 W		*	*	*	*	*	*	.13	.25	.20	.12			.08											.43
PORT CLINTON								.09	.19	.12	.01	.02	.02												.35
PUNXSUTAWNEY 2	.01	.08	.10	.02	.03		.08	.03																	.44
PUTNEYVILLE 2 SE	.14	.16	.04	.01	.09																				.31
RAYMOND		.10	.20	.01																					.21
READING WB CITY								.02	.06	.07	.02														.55
RENOVO 6 S STATE CAMP			.01	.14	.10	.07	.10	.06		.01	.02														.41
RIDGWAY	.04	.11	.15	.01	.03	.01	.03	.01		.03															.01
ROCHESTER 1 N			.01																						.31
SAXTON		.09	.15	.04	.08	.02																			.11
SCANDIA	.02	.03	.05	.02	.03																				.61
SCRANTON WB CITY							.10	.10	.16	.15	.08	.01	.01	.04											.41
SHADE GAP				.01	.08	.05	.06	.06	.05	.10	.01	.01													.11
SHEFFIELD 6 W CHERRY GROVE	.01	.06	.03	.03				.02				.02													.31
SMETHPORT HIGHWAY SHED	.01	.13	.11	.06	.01	.02	.01	.02																	.31
SOUTH CANAAN 1 E					.02	.02	.08	.15	.10																.11
SPRING GROVE						.05	.05	.05	.02	.01															.61
STATE COLLEGE			.02	.20	.14	.15	.10	.07	.01																.41
STRONGSTOWN	.07	.07	.05	.08	.04	.08	.07																		.11
STROUDSBURG							.01	.03	.08	.02															.71
SUNBURY				.04	.06	.19	.21	.07	.12	.01															
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.50	*	*	*	*	*	.22											.81
TAMAQUA 4 N STILL CREEK DAM					.01	.06	.04	.17	.27	.23	.04														.01
TIONESTA 2 SE DAM //	.03	.03																							.01
TITUSVILLE	.01	.01																							.21
TOWANDA					.06	.02	.09	.02	.06	.01															.51
TUNKHANNOCK 1 S			.01			.06	.11	.28	.04	.05															.21
TUNNELTON //	.06	.07	.03	.04		.04	.01																		.41
TYRONE 4 NE BALD EAGLE			.11	.10	.10	.05	.10	.03																	.01
UNION CITY 1 W		.01																							.21
VANDERGRIFT 2 W	*	.25																							.01
WASHINGTON	.01																								.11
WAYNESBURG 2 W	.01	.01	.03	.02	.02	.02																			

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A M Hour ending											P M Hour ending											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
WEBSTER MILLS 3 SW		.01	.04	.05	.10	.06	.04																	
WELLSBORO 2 E				.05	.07	.05	.09	.05	.01	.01	.01													
WILLIAMSPORT					.14	.17	.10	.09	.01															
WIND GAP 3 SW									.02	.02	.09	.02	.01											
YORK 2 S FILTER PLANT					.02	.04	.11	.08	.01															
YOUNGSVILLE	.04		.01	.01																				
—8th—																								
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.03																
ERIE WB CITY													.01	.01		.01								
RAYMOND																							.01	
—9th—																								
RAYMOND				.01				.03	.01	.01						.01		.01		.02		.02		.01
SCANDIA		.01	.01	.01	.02																			
—10th—																								
ALBION				.01																				
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.02										
BOSWELL										.01	.01	.01	.01	.01	.01									
CLARION 3 SW							*	*	*	*	*	*	.02											
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.04	*	*	*	*	*	.03				
DUNLO								*	*	*	*	*	*	*	*	*	*	*	*	.03				
ERIE WB CITY											.01		.01	.01		.01	.01	.01	.01		.01	.01	.01	.01
ERIE AIRPORT 6			*	*	*	*	*	.01	*	*	*	*	*	.03	*	*	*	*	*	.02				
JAMESTOWN 2 NW							.01	.01	.01	.03														
MEADVILLE 1 S							.01		.01		.01													
MERCER HIGHWAY SHED						.03	.01				.01	.01	.01											
MURRYSVILLE									.01	.01	.01													
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.01				
PHILLIPSBURG 7 E AIRPORT														.01										
SCANDIA									.02					.01		.01	.01	.01	.01	.01				
STRONGSTOWN													.01	.01										
—11th—																								
BOSWELL								.01				.01								.01			.01	
CONNELLSVILLE 4 N									.01	.01	.01	.03												
CRESSON 1 E SUMMIT										.01		.01												
—12th—																								
ALBION	.01	.03	.01			.01		.02	.07	.05	.10	.09	.12	.04	.02	.01					.01			
ALLENS MILLS										.01	.08	.12	.12	.22	.26	.16	.07	.02						
ALLENTOWN-BETHLEHEM EASTON WB AP															.01	.06	.01	.01	.02	.03			.01	
AUSTINBURG 2 W										.02	.04	.04	.05	.08	.01	.01								
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.43				
BETHLEHEM LEHIGH UNIV															*	*	*	*	*	*	.13			
BLAIN														.01		.06	.02	.01			.01		.01	.03
BLAIRSVILLE 6 ENE 6															*	*	*	*	*	.57	*	*	*	.15
BLAKESLEE CORNERS																.08	.03	.03	.03	.01				.01
BOSWELL															.10	.05	.05			.01	.05	.23	.09	
BROOKVILLE AIRPORT 6									*	*	*	*	*	.20	*	*	*	*	*	.60				
BUCKSTOWN															.04	.01	.05	.04	.01			.06	.21	.03
BUTLER SUBSTATION										.02	.08	.08	.12	.13	.24	.11								
CANTON 1 NW													.02	.13	.05	.02	.02			.01				
CARTER CAMP										.02	.09	.11	.19	.16	.05	.07	.01							
CHAMBERSBURG																							.03	.05
CHARLEROI													.01	.01	.03	.01			.01		.08	.15	.01	.01
CLARION 3 SW										.03	.03	.07	.05	.30	.18	.14	.04	.01						
COALPORT															.03	.05	.12	.10		.03	.02	.02		
COATESVILLE 1 SW															.01	.04		.02	.01	.01		.01		
CONFLUENCE 1 SW																.01	.02	.09	.01		.02		.27	.07
CONNELLSVILLE 4 N																.02	.03	.02	.02				.08	.09
CRESSON 1 E SUMMIT														.01	.02	.04	.02	.01	.17	.12	.08	.01		
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.16	*	*	*	*	*	.62				
DINGMANS FERRY															.01	.05	.02	.04	.01	.01				
DRIFTWOOD											.01	.06	.07	.13	.28	.12	.05							
DU BOIS 7 E									.01	.02	.10	.05	.14	.11	.28	.15	.07							
DUNLO														.02	.05	.05	.03	.01	.19	.17	.11	.13	.01	
DUSHORE								*	*	*	*	*	*	*	*	*	*	*	*	*				
EAGLES MERE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPORIUM											.02	.09	.11	.18	.19	.12	.02							
ENGLISH CENTER												.02	.02	.04	.13	.14	.06	.03						
ERIE WB CITY						.01	.02	.02	.05	.04	.03	.08	.11	.02		.01	.01							
ERIE AIRPORT 6			*	*	*	*	*	.02	*	*	*	*	*	.30	*	*	*	*	*	.06				
EVERETT																						.01	.03	.13
FORD CITY 4 S //											.02	.01	.04	.03	.04	.01	.15	.01	.01					.01
FRANKLIN					.01	.01	.02	.01	.02	.05	.05	.09	.10	.10	.07	.03								
GETTYSBURG 1 S														.01	.01	.01	.01						.01	.04
GLENCOE																			.02	.05		.08	.32	.08
GOOD SPRINGS 1 NW														*	*	*	*	*	*	.18				
GREENSBURG 2 E HIGHWAY SHED								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HARRISBURG 3 S WB AIRPORT														.01	.03			.01				.01		
HAWLEY 1 S WALLEN DAM													.02	.07	.01	.04	.02	.06						
HEWITT 2 S																								.17
HOLLIDAYSBURG		.01				.01		.01		.01	.01	.01		.01	.03	.05	.02	.01		.12	.10	.01		
HOLTWOOD			.01																		.01			
HOME													.01	.06	.07	.09	.20	.01	.01					
HONESDALE 6 N TANNERS FALLS //															.09	.01	.11	.04	.02					
HUNTSDALE																						.01	.02	.03
INDIANA 2 SE								.02			.01	.01	.01	.05	.07	.10	.02	.08	.02	.05				
JACKSON SUMMIT												.03	.05	.05	.03	.06	.01							
JAMESTOWN 2 NW					.01	.01		.01	.01	.08	.07	.09	.11	.23	.05	.05								
JOHNSTOWN 2															.08	.02	.07	.01		.11	.16	.10	.06	.02
KANE 5 SE										.03	.14	.11	.12	.11	.01	.06	.05							
LANCASTER 2 NE FILTER PLANT														.01		.02								
LAURELTON STATE VILLAGE																.07	.03	.07	.05					
LEBANON 3 SW															.05			.02				.05	.02	
LEHIGHTON															.07	.02	.01		.01	.01				
LEWISTOWN															.01	.01		.01	.06	.01			.03	.07
LOCK HAVEN 2														.02	.08	.19	.08	.01						
MARIENVILLE							.01	.01	.04	.06	.13	.07	.12	.14	.08	.04	.01							
MARTINSBURG												.01				.06	.03	.05		.01	.03	.02	.01	.03
MARTINSBURG BLAIR CO AIRPORT 6									*	*	*	*	*	.02	*	*	*	*	*	.16	*	*	*	.17
MEADOW RUN PONDS														.04	.23	.01	.13	.06	.08					
MEADVILLE 1 S								.01		.06	.07	.09	.08	.10	.18	.05	.03							
MEDIX RUN											.04	.04	.10	.15	.20	.29	.11	.03	.01					
MERCER HIGHWAY SHED					.01	.03	.02	.01	.02	.10	.10	.10	.10	.10	.07	.01								
MERWINSBURG															.07	.05		.02	.07	.01				
MILAN													*	*	*	*	*	*	*	.18				
MILLERSBURG 2 E												.02	.03	.03	.01	.01	.01	.01	.04	.01	.01			

See reference notes following Station Index.

Table 4–Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MILLVILLE														.07	.01	.02	.03	.07	.02						.22
MONROE FURNACE												.01		.01	.02	.02	.03	.11	.01	.01	.01			.01	.24
MONTROSE														.01	.01	.14	.02	.01	.01						.20
MOUNT UNION 1 NW //														*	*	*	*	*	*	*	*	*	*	*	*
MURRYSVILLE														.04	.04	.01	.02	.01	.21	.09	.05	.01			.48
NEFFS MILLS 4 NE															.02	.05	.02	.10		.01					.20
NEW CASTLE 1 N										.03	.05	.02	.17	.13	.13	.04	.02								.59
PALMERTON															.04	.04		.04	.01	.01					.14
PARKERS LANDING 1 E									.01	.03	.05	.05	.31	.24	.12	.10	.03								.94
PARK PLACE 1 NW WB AIRPORT 6															*	*	*	*	*	.12	*	*	*	*	
PHILADELPHIA WB AIRPORT																	.01	.01							.02
PHILLIPSBURG 7 E AIRPORT															.07	.09	.15	.08	.07						.46
PHOENIXVILLE 1 E PUMPING STATION								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PIKES CREEK														.07	.01	.05	.05	.16	.03						.37
PINE GROVE MILLS 1 S												.01		.01		.05	.03	.09	.01						.20
PITTSBURGH 7 SE WB AIRPORT //															.02	.01	.02	.01	.10	.21	.04	.08			.49
PITTSBURGH WB CITY													.01	.04	.01	.01	.01	.01	.15	.05	.01				.30
PLEASANT MOUNT 1 W														*	*	*	*	*	*	.38					.38
PORT CLINTON														.01	.08	.01									.10
PUNXSUTAWNEY 2										.01	.02	.01	.08	.11	.09	.22	.16	.02							.72
PUTNEYVILLE 2 SE										.03		.03	.12	.07	.13	.32	.06	.02							.78
RAYMOND											.08	.09	.09	.09	.13	.02	.06	.01	.01						.58
READING WB CITY												.02		.02	.02				.01	.01			.05	.01	.14
RENOVO 6 S STATE CAMP												.01	.01	.11	.11	.20	.12	.07						.01	.64
RIDGWAY										.08	.06	.10	.14	.22	.10	.10									.80
ROCHESTER 1 N									.01	.03	.06	.05	.05	.04	.05	.12	.02		.01	.01					.45
SAXTON															.06	.01		.01		.02		.05			.15
SCANDIA								.01	.03	.02	.09	.09	.10	.10	.17	.02	.05								.68
SCRANTON WB CITY														.01	.09	.01	.05	.03	.09						.28
SELLERSVILLE 2 NW																.03	.01			.03	.01		.04	.01	.13
SHADE GAP																			.01	.01		.01		.01	.04
SHEFFIELD 6 W CHERRY GROVE							.01	.02	.05		.12	.08	.11	.09	.08	.03	.10								.69
SMETHPORT HIGHWAY SHED										.03	.06	.18	.07	.06	.14	.06	.04	.01							.65
SOUTH CANAAN 1 E														.01	.05	.02	.03	.11	.05	.01		.01			.29
SPRING GROVE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
STATE COLLEGE													.02		.01	.03	.05	.15							.26
STRONGSTOWN													.01	.02	.04	.06	.04	.07	.14	.11	.11	.01			.61
STROUDSBURG													.11		.01	.03	.05								.20
SUNBURY														.01	.01	.01	.04	.03	.01						.11
SUNBURY AIRPORT 2 N 6															*	*	*	*	*	.16					
TAMAQUA 4 N STILL CREEK DAM																		.05	.03	.05	.01	.02			.16
TIONESTA 2 SE DAM //										.02	.08	.09	.09	.13	.09	.06	.01								.57
TITUSVILLE									.03	.08	.09	.10	.10	.18	.02	.05									.65
TOWANDA													.01	.02	.02	.07	.01	.02							.15
TUNKHANNOCK 1 S														.01	.01	.02	.04	.02	.02	.01					.13
TUNNELTON //														.02	.06	.05	.04	.03	.19	.09	.09				.57
TYRONE 4 NE BALD EAGLE											.01	.02		.01	.03	.03	.11	.15							.36
UNION CITY 1 W						.01		.01	.01	.10	.09	.06	.13	.11	.01	.01	.01								.55
VANDERGRIFT 2 W													.03	.04	.02	.02	.04	.02	.04	.02					.23
WASHINGTON														.05	.04	.01					.10	.06	.01	.01	.28
WAYNESBURG 2 W															.01	.01	.01	.02	.01			.13	.01		.20
WEBSTER MILLS 3 SW																								.09	.09
WELLSBORO 2 E											.05		.04	.12	.05	.09	.01	.01							.37
WILLIAMSPORT													.02			.08	.18	.09	.02						.39
WIND GAP 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YORK 2 S FILTER PLANT												.01	.02	.01									.02		.06
YOUNGSVILLE										.05	.06	.09	.10	.09	.13	.06	.02	.01							.61
													—13th—												
BLAIN	.01	.01																							.02
CANTON 1 NW									.01	.01															.02
CHAMBERSBURG	.02																								.02
COATESVILLE 1 SW	.01	.02																							.03
CONFLUENCE 1 SW	.03	.01																							.04
CONNELLSVILLE 4 N	.01																								.01
EMPORIUM								.01		.01	.01	.03													.06
ERIE WB CITY																			.01						.01
EVERETT	.01																								.01
FORD CITY 4 S //	.01	.01																							.02
GETTYSBURG 1 S	.10																								.10
GLEN ROCK	.02	.03																							.05
GREENSBURG 2 E HIGHWAY SHED	*	*	*	*	*	*	*	*	*	*	*	*	.71												.71
HARRISBURG 3 S WB AIRPORT	.02	.01	.01																						.04
HEWITT 2 S	.01																								.01
HOLTWOOD	.02	.08																							.10
HUNTSDALE	.01																								.01
JOHNSTOWN 2	.01																								.01
MARTINSBURG	.01	.01																							.02
MONTROSE																			.01	.03					.04
MOUNT UNION 1 NW //	*	.55																							.55
PARK PLACE 1 NW WB AIRPORT 6	*	*	*	*	*	*	*	.04																	.02
PHILADELPHIA WB AIRPORT			.02																						.05
PHILADELPHIA POINT BREEZE			.05																						.04
PHILADELPHIA WB CITY			.04																						.10
PHOENIXVILLE 1 E PUMPING STATION	*	*	*	*	*	*	*	.10												.03			.01	.02	.06
PLEASANT MOUNT 1 W																									.05
RAYMOND																						.03		.02	.05
READING WB CITY	.01																								.01
RENOVO 6 S STATE CAMP				.01				.02																	.03
ROCHESTER 1 N					.03		.01		.01																.05
SCANDIA																									.03
SELLERSVILLE 2 NW				.01				.01		.01							.01	.02		.01	.01				.11
SPRING GROVE	*	*	*	*	*	*	*	.11																	.01
WEBSTER MILLS 3 SW			.01																						
WIND GAP 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													—15th—												
ALBION		*	*	*	*	*	*	*	.10		.01	.06	.11	.03	.02	.07	.01								.43
ALLENS MILLS				.01	.01	.03	.02				.01	.02		.16	.16	.03	.01	.01	.01	.02					.56
ALLENTOWN-BETHLEHEM EASTON WB AP						.02	.02	.02	.08	.07	.05	.06	.04	.04	.12	.09	.08	.06	.04	.02	.02	.02	.02	.02	.89
AUSTINBURG 2 W						.04	.01	.01	.01	.02	.01	.03	.05	.10	.02	.09	.02	.01	.01						.43
AVOCA WILKES-BARRE SCRANTON AP 6									*	*	*	*	*	.14	*	*	*	*	*	.13					
BETHLEHEM LEHIGH UNIV						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BLAIN						.01	.02	.06	.03	.02	.02	.01	.02	.01	.04	.05	.02	.06					.01	.01	.35
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.12	*	*	*	*	*	.13	*	*	*	*	*	.05	*		*	.02	
BLAKESLEE CORNERS								.02	.03	.02	.08	.02	.01	.04	.03	.07	.08	.03	.02			.01			.46
BOSWELL				.07	.03	.02	.08	.07	.03	.01	.02	.01	.06	.12	.28	.10	.08	.03	.01	.01	.02			.01	1.06
BROOKVILLE AIRPORT 6			*	*	*	*	*	.26	*	*	*	*	*	.10	*	*	*	*	*	.43	*	*	*	.02	
BUCKSTOWN				.02	.05	.01	.05	.04	.01	.01	.01			.05	.08	.17	.04	.01	.01					.01	.51
BUTLER SUBSTATION		.01	.02	.06	.06	.05	.02				.10	.14	.06	.14	.28	.05	.03								1.09
CARTER CAMP					.01	.04	.06	.03	.03	.04	.02	.03	.04	.08	.10	.05	.03	.05		.01				.01	.63
CHAMBERSBURG				.01	.01	.04	.13	.09	.05	.07	.06	.06	.11	.06	.11	.06	.09	.08	.01	.01	.01	.03			1.09
CHARLEROI			.03	.14	.20	.18	.15	.05	.03	.02	.03	.14	.03	.12	.17	.09	.02						.01	.01	1.42

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A.M. Hour ending												P.M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CLARION 3 SW					.01	.04	.02					.08	.02	.16	.28	.08	.01				.01				.71
COALPORT					.01	.09	.06	.03	.02	.01	.01	.02	.02	.01	.02	*	*	*	*	.60	.05	.03	.02		1.00
COATESVILLE 1 SW		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CONFLUENCE 1 SW				.08	.12	.10	.20	.20	.09	.07	.07	.07	.05	.17	.22	.21	.15	.17	.22	.01		.05	.23	.04	2.52
CONNELLSVILLE 4 N				.03	.13	.25	.10	.10	.02	.05	.03	.04	.02	.02	.10	.12	.07	.10	.02				.01	.07	1.28
CRESSON 1 E SUMMIT				.01	.01	.02		.01	.01		.02	.01	.05	.02	.10	.02	.01	.01		.05					.35
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.22	*	*	*	*	*	.25	*	*	*	*	*	.43	*	*	*	.02	
DINGMANS FERRY											.01	.03	.01	–	–	–	–	–	–	–	–	–	–	–	
DRIFTWOOD					.02	.03	.07	.05	.02	.01	.01	.04	.04	.05	.13	.13	.04	.02	.01	.02	.01	.03	.01		.74
DU BOIS 7 E				.01	.02	.01	.04	.02				.03	.04	.05	.18	.05			.04			.01			.50
DUNLO					.01	.01		.01	.04		.01	.01	.01		.02	.07	.01			.01		.01		*	*
DUSHORE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
EAGLES MERE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
EMPORIUM				.01	.02	.03	.11	.01		.01	.01	.05	.04	.10	.11	.09		.05	.05						.69
ENGLISH CENTER						.07	.05	.05	.05	.03	.02	.01	.05	.10	.10	.09	.03	.01	.09				.01		.76
ERIE WB CITY						.01	.01			.01	.01	.05	.10	.04	.03	.06		.01	.01	.01	.01				.36
ERIE AIRPORT 6									*	*	*	*	*	.29	*	*	*	*	*	.11	*	*	*	*	
EVERETT				.01	.01	.04	.06	.12	.08	.08	.10	.07		.03	.07	.22	.11	.07			.01	.01		.01	1.10
FORD CITY 4 S //		.01	.06	.07	.13	.08	.04	.03	.03		.05	.17	.08	.09	.08	.23	.02				.01				1.18
FRANKLIN				.01	.05	.02			.01	.01	.01	.05	.04	.28	.16		.01					.01			.66
GETTYSBURG 1 S			.01	.01		.01	.07	.09	.11	.07	.05	.05	.09	.08	.09	.08	.11	.09	.01	.02	.02	.03	.01		1.10
GLENCOE				.04	.08	.10	.17	.09	.04	.01	.04	.03	.01	.19	.10	.08	.12	.18	.02			.05	.04	.01	1.40
GLEN ROCK					.03	.02	.05	.05	.08	.07	.02	.02	.06	.05	.09	.06	.05	.06	.03	.01	.01	.02	.01	.01	.80
GOOD SPRINGS 1 NW		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GREENSBURG 2 E HIGHWAY SHED		.01	.03	.06	.09	.06	.20	.04	.01	.02	.06	.07	.04	.12	.16	.09	.01	.01						.09	1.17
HARRISBURG 3 S WB AIRPORT					.01	.01	.02	.04	.05	.04	.08	.07	.08	.04	.05	.06	.03	.02	.02	.01	.01	.01			.65
HAWLEY 1 S WALLEN DAM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HEWITT 2 S				.02	.05	.13	.09	.08	.08	.03	.04	.06	.05	.14	.17	.08	.05	.10						.07	1.24
HOLLIDAYSBURG		.01	.01	.02	.06	.06	.06	.01	.02	.02		.09	.04	.17	.13	.12	.09	.05	.02	.02	.07	.02	.01		1.10
HOLTWOOD						.01	.04	.05	.05	.07	.08	.08	.04	.06	.05	.08	.04	.04	.01	.03	.01	.01			.75
HOME		.01	.03	.08	.12	.06	.02	.04	.01	.01	.02	.14	.09	.01	.14	.15	.09	.01		.01	.04	.02			1.10
HONESDALE 6 N TANNERS FALLS //										.02	.09	.02	.01	.01	.01	.06			.01		.01	.01		.01	.26
HUNTSDALE				.01	.02	.07	.10	.01	.06	.02	.02	.07	.02	.05	.07	.08	.04	.05	.01	.01	.01	.03	.01		.76
INDIANA 2 SE		.01	.07	.03	.09	.08	.02	.05	.02		.03	.17	.05	.06	.09	.06	.06	.01							.90
JACKSON SUMMIT									.03		.01	.02	.02	.03	.05	.05	.03	.03		.01					.28
JAMESTOWN 2 NW										.01	.04	.04	.11	.16	.02										.38
JOHNSTOWN 2		.01	.02	.01	.09	.02	.03	.11	.05	.02	.09	.05	.14	.11	.10	.14	.05	.01							1.05
KANE 5 SE					.01	.01	.01	.01	.01	.01	.03	.02	.07	.10	.03	.03	.11	.04		.01			.01		.51
LANCASTER 2 NE FILTER PLANT						.01	.02	.07	.09	.07	.06	.06	.02	.08	.08	.07	.05	.06	.04	.02		.01		.01	.82
LAURELTON STATE VILLAGE				.02	.01	.01	.02	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LEBANON 3 SW						.01	.03	.10	.06	.02	.03	.01	.01	.03	.05	.03	.03								.41
LEHIGHTON							.01	.03	.06	.07	.03	.08	.03	.05	.04	.08	.09	.07	.06		.01	.01		.01	.73
LEWISTOWN						.01	.01	.05	.01	.04	.04	.01	.01	.01	.14	.08	.06	.09	.03	.02	.01	.01	.03	.01	.67
LOCK HAVEN 2			.01	.04	.03	.06	.04	.07	.02	.01	.01	.02	.07	.01	.16	.11	.04	.01	.07						.78
MARIENVILLE				.01	.02	.05			.01	.01		.02	.08	.13	.08		.05	.02		.01					.49
MARTINSBURG		*	*	*	*	*	*	*	*	.21	.03	.10	.01	.11	.08	.15	.09	.03	.01	.01	.01	.02			.86
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.20	*	*	*	*	*	.18	*	*	*	*	*	.45	*	*	*	.05	
MEADOW RUN PONDS								.03	.11	.06	.03	.04	.03	.03	.02	.05	.10	.15	.05	.04	.03	.02	.01	.01	.81
MEADVILLE 1 S											.01	.01	.06	.15	.09	.02	.05	.01							.40
MEDIX RUN					.05	.03	.05	.05	.02	.01	.02	.02	.03	.02	.19	.20	.03	.02	.01		.01	.01	.01	.01	.79
MERCER HIGHWAY SHED			.01	.09		.01				.01	.05	.05	.27	.14	.01	.01									.65
MERWINSBURG								.05		.01	.12	.06	.02	.03	.01	.01	.01	.03	.02	.01	.01	.01		.01	.41
MILAN		.01	.01	.02	.04	.04	.01	.06	.03	.04	.01	.02	.01			.01	.01	.02	.01	.01	.01	.02	.13	.03	.55
MILLERSBURG 2 E		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE					.01	.01	.03	.02	.02	.01	.01	.01	.03	.03	.02	.04	.06	.01							.31
MONROE FURNACE			.01	.01	.02	.08	.01	.09	.03	.01	.01	.04	.12	.08	.02	.05	.05	.01	.01	.01	.01	.01			.68
MONTROSE										.01	.02	.06	.03	.07	.07	.07	.07	.05	.03	.01		.01		.01	.51
MOUNT UNION 1 NW //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MURRYSVILLE		.01	.03	.08	.07	.13	.15	.02	.01	.02	.07	.09	.05	.11	.13	.09	.01							.06	1.13
NEFFS MILLS 4 NE					.02	.01	.02	.05	.06		.01	.02	.13	.08	.05	.05	.08	.02				.01			.61
NEW CASTLE 1 N			.06	.08	.03							.10	.07	.23	.06	.03									.66
PALMERTON						.01	.02	.02	.02	.04	.05	.02	.04	.02	.02	.03	.03	.04	.04	.02	.02	.03	.01	.01	.49
PARKERS LANDING 1 E			.01	.11	.09	.06					.03	.09	.05	.22	.24	.01		.01							.92
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.06	*	*	*	*	*	.27	*	*	*	*	*	.34	*	*	*	*	
PHILADELPHIA WB AIRPORT								.02	.02	.04	.03	.07	.09	.12	.12	.10	.14	.10	.04	.02	.02	.01	.01	.01	.96
PHILADELPHIA POINT BREEZE									.02	.03	.03	.03	.03	.02	.02	.11	.13	.07	.06	.05	.04	.04	.03	.03	.74
PHILADELPHIA WB CITY										.02	.02	.05	.06	.01	.09	.10	.12	.07	.05	.07	.06	.05	.06	.05	.88
PHILLIPSBURG 7 E AIRPORT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PHOENIXVILLE 1 E PUMPING STATION									.02	.02	.08	.05	*	*	*	*	*	*	*	*	*	*	*	*	*
PINE GROVE MILLS 1 S				.02	.03	.04	.03	.05	.03		.01	.01		.16	.02	.02	.08								.50
PITTSBURGH 7 SE WB AIRPORT //			.03	.10	.06	.15	.12	.02	.01	.01	.04	.09	.05	.11	.13	.06	.02							.09	1.09
PITTSBURGH WB CITY				.13	.12	.18	.14	.01	.01	.01	.09	.19	.03	.13	.10	.07								.27	1.48
PLEASANT MOUNT 1 W											.01	.01	.07	.08	.05	.05	.10	.05	.01	.02	.05	.02		.01	.53
PORT CLINTON					.01	.03	.03	.03	.06	.05	.05	.01	.01	.01	.08	.01	.08	.03	.01						.50
PUNXSUTAWNEY 2				.01	.04	.03	.01				.01	.09	.04	.16	.24	.06	.08	.02	.01	.01	.06	.01	.01		.89
PUTNEYVILLE 2 SE			.05	.04	.07	.04	.01	.01			.02	.13	.07	.11	.19	.07	.03			.01		.01			.86
RAYMOND									.02	.01	.01	.01		.02	.01	.05	.02	.11	.05	.04	.02	.02	.02	.01	.42
READING WB CITY							.01	.07	.08	.09	.10	.09	.10	.11	.07	.09	.07	.06	.07	.05	.04	.05	.07	.04	1.26
RENOVO 6 S STATE CAMP				.01	.06	.05	.06	.09	.05	.03	.02	.02	.10	.01	.18	.13	.04	.01	.02	.01					.89
RIDGWAY						.01	.07	.03	.03	.01	.01	.02	.01	.02	.09	.13	.17		.03	.03	.01	.01		.01	.69
ROCHESTER 1 N		.01	.03	.09	.11	.07	.01				.15	.09	.14	.05	.07	.01								.01	.84
SAXTON				.02	.02	.06	.02	.04	.04	.08	.04	.08	.04	.06	.12	.13	.05	.01	.01	.01	.01	.01		.01	.86
SCANDIA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SCRANTON WB CITY									.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.02	.02			.44
SELLERSVILLE 2 NW								.02	.06	.03	.08	.05	.03	.12	.13	.04	.02	.04	.04	.01		.01			.68
SHADE GAP		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SHEFFIELD 6 W CHERRY GROVE												.01	.01	.04	.04	.07	.01	.09							.27
SMETHPORT HIGHWAY SHED											.01	.01	.03	.07	.09	.02	.03	.05	.01						.32
SOUTH CANAAN 1 E								*	*	*	*	*	*	*	*	*	*	*	.50	.01	.03	.03		.01	.58
SPRING GROVE				.02	.02	.02	.08	.05	.04	.04	.02	.02	.05	.08	.10	.07	.08	.05	.04	.01	.02	.01	.02	.01	.85
STATE COLLEGE				.03	.03	.05	.05	.03	.03	.04			.09	.12	.06	.13	.16	.02	.01	.01					.86
STRONGSTOWN		.01	.02	.03	.08	.05			.01	.01	.01	.05	.04	.01	.05	.05	.09	.02	.02	.03	.04	.03	.02	.04	.71
STROUDSBURG								.03	.02	.10	.08	.02	.01	.04	.08	.07	.09	.06	.03	.02	.01	.01		.01	.68
SUNBURY				.01	.06	.02	.02	.08	.01	.04	.02	.03	.10	.02	.09	.28	.02	.03	.04	.02	.02	.01	.04	.02	.98
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.16	*	*	*	*	*	.24	*	*	*	*	*	.44	*	*	*	.08	
TAMAQUA 4 N STILL CREEK DAM						.03	.03	.09	.08	.06	.04	.02	.03	.08	.06	.11	.08	.04	.01		.01	.01	.01	.01	.80
TIONESTA 2 SE DAM //					.01	.03					.02	.04	.09	.19	.10	.02	.01	.02	.01						.54
TITUSVILLE											.01	.01	.08	.10	.01	.04	.06	.01							.32
TOWANDA								.01	.01	.01	.01	.01	.03	.04	.01	.01	.01	.06	.01						.22
TUNKHANNOCK 1 S										.05	.04	.01	.01	.03	.04	.10	.07	.04	.01	.02	.02	.01			.45
TUNNELTON //			.01	.05	.09	.03	.07	.10			.05	.05	.09	.06	.11	.09	.04	.01		.01					.86
TYRONE 4 NE BALD EAGLE			.01	.01	.01	.05	.02	.04	.07		.01	.02	.17	.10	.03	.14	.09	.02	.01	.01	.01	.01			.83
UNION CITY 1 W												.03	.07	.08		.03	.04				.01	.01			.27
VANDERGRIFT 2 W			.01	.04	.11	.08	.02	.08			.01	.10	.10	.10	.05	.06	.01	.01	.01	.01	.01	.01		.02	.84
WASHINGTON	.01	.02	.02	.10	.12	.21	.17	.02	.01		.08	.11	.08	.09	.42	.09	.01						.12		1.68
WAYNESBURG 2 W		.05	.16	.19	.10	.10	.03	.02	.05	.06	.05	.01	.20	.10	.10	.10	.08				.32	.09			1.81
WEBSTER MILLS 3 SW						.07	.14	.09	.08	.03	.07	.04	.07	.08	.15	.12	.03	.03	.02	.02	.01	.01	.01	.03	1.10
WELLSBORO 2 E						.02	.03	.04	.01	.02	.01	.03	.06	.07	.10	.05	.04		.01	.01					.50
WILLIAMSPORT					.09	.03	.08	.06	.05	.08	.01	.01	.08	.01	.10	.21	.06	.01					.01	.02	.91
WIND GAP 3 SW	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
YORK 2 S FILTER PLANT					.01	.05	.04	.09	.03	.09	.05	.02	.01	.03	.08	.09	.08	.02	.01	.01					.71
YOUNGSVILLE											.03	.06	.01	.09	.03	.06	.01	.01							.30

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

—16th—

Station	A. M. Hour ending												P. M. Hour ending											Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ALBION					.03	.04		.14																	.21
ALLENS MILLS	.01			.09	.17	.18	.15	.06	.02	.02	.02	.03	.02	.02	.01			.02	.01	.02					.85
ALLENTOWN-BETHLEHEM EASTON WB AP					.01	.01	.01	.01			.08	.05	.07	.01	.04	.03	.01	.01	.01	.01	.01	.01	.01	.01	.40
AUSTINBURG 2 W						.01	.13	.04	.04																.22
AVOCA WILKES-BARRE SCRANTON AP 6									M	*	*	*	*	.25	*	*	*	*	*	.25	*	*	*	.01	
BETHLEHEM LEHIGH UNIV	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.32		1.32
BLAIN				.01	.01	.01		.03	.03	.04	.02	.03	.01	.02											.21
BLAIRSVILLE 6 ENE 6	*	.07	*	*	*	*	*	.05	*	*	*	*	*	.14	*	*	*	*	*	.01					
BLAKESLEE CORNERS								.04	.03	.17	.08	.04	.02	.01	.03	.03	.01	.02	.01		.01	.01	.03	.02	.56
BOSWELL	.01	.01		.01	.01	.07	.10	.01	.04	.09	.12	.07	.12	.11	.04	.06	.14	.08	.05	.03					1.17
BROOKVILLE AIRPORT 6			*	*	*	*	*	.70	*	*	*	*	*	.06	*	*	*	*	*	.01					
BUCKSTOWN	.01				.01	.01	.02	.03	.03	.10	.08		.08	.03	.01		.02	.05	.03	.04	.05	.01	.03	.02	.66
BUTLER SUBSTATION		.07	.24	.16		.02	.09	.22						.04											.84
CANTON 1 NW			.01	.01		.01	.07	.10	.08	.03	.05	.03	.01	–	–	–	–	–	–	–	–	–	–	–	–
CARTER CAMP			.02	.01	.01	.12	.09	.07	.06	.02	.04	.01	.01	.01		.01									.48
CHAMBERSBURG								.04	.08	.05	.05	.02	.08	.02		.01									.35
CHARLEROI	.01	.03	.01	.01		.01		.01	.03	.02	.07	.01		.01											.22
CLARION 3 SW				.07	.19	.20	.16			.01			.01												.64
COALPORT		.01	.01	.10	.09	.09	.08	.02	.02	.08	.10	.02	.07	.01											.70
COATESVILLE 1 SW	*	M	*	*	*	*	*	M	*	*	*	*	*	M	*	*	*	*	*	*	*	*	*	M	*
CONFLUENCE 1 SW	.03	.02	.02	.01	.04	.01	.04	.08	.07	.05	.24	.05	.07	.01		.02									.76
CONNELLSVILLE 4 N	.01					.01		.01		.18	.02	.29	.01		.07										.60
CRESSON 1 E SUMMIT		.02	.01			.07	.01		.01	.09	.01	.06	.06					.01	.01	.03	.01	.02			.42
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.53	*	*	*	*	*	.17	*	*	*	*	*	.10					
DINGHAMS FERRY	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DRIFTWOOD	.01				.04	.15	.11	.09	.03																.43
DU BOIS 7 E			.01	.11	.18	.15	.47	.13	.05	.09	.14														1.33
DUNLO	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DUSHORE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.54					1.54
EAGLES MERE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
EMPORIUM					.02	.18	.11	.06	.07	.02	.03	.01													.50
ENGLISH CENTER					.01	.12	.10	.07	.06	.02		.01													.39
ERIE WB CITY						.05		.01	.01			.01													.08
ERIE AIRPORT 6	*	.01	*	*	*	*	*	.06	*	*	*	*	*	.05											
EVERETT	.03	.01	.01	.01		.01			.03	.07	.07	.13													.37
FORD CITY 4 S //	.01	.11	.05	.04	.03	.02	.03		.11	.02															.42
FRANKLIN			.01	.03	.14	.09	.01		.01	.01	.01	.01		.01											.33
GETTYSBURG 1 S			.01	.02	.03	.01	.01	.03	.09	.10	.03	.03	.02			.01	.01								.40
GLENCOE		.08				.01		.03	.08	.10	.20	.08	.02		.01	.01									.62
GLEN ROCK	.01	.01			.01	.02	.01	.03	.10	.15	.09	.03	.03	.01											.50
GOOD SPRINGS 1 NW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40					.40
GREENSBURG 2 E HIGHWAY SHED	.02	.01		.01	.04	.04		.02	.05	.01	.08	.02	.02												.32
HARRISBURG 3 S WB AIRPORT					.02		.01			.01			.02		.01	.01	.04						.01		.13
HAWLEY 1 S WALLEN DAM	*	*	*	*	M	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HEWITT 2 S	.03	.04	.01		.03	.07	.05	.06	.02	.07	.07	.04	.02	.05	.03										.59
HOLLIDAYSBURG	.01	.05	.03	.07	.02	.03	.03	.05		.06	.16	.02	.03	.03	.01										.60
HOLTWOOD				.02					.01	.10	.14	.04			.01					.01		.01			.34
HOME		.01	.07	.04	.03	.03	.03		.08	.08	.01	.01													.39
HONESDALE 6 N TANNERS FALLS //	.01	.01									.01	.01						.02	.02						.08
HUNTSDALE		.01		.01		.01	.03	.01	.05	.01	.02	.09	.03	.03	.04										.34
INDIANA 2 SE	.01	.08	.01	.08	.02	.01	.01	.01	.07	.10	.01		.01												.42
JACKSON SUMMIT									.03	.15	.02	.01	.03												.24
JAMESTOWN 2 NW				.09	.19			.02	.01																.31
JOHNSTOWN 2	.09	.01	.04	.03	.03	.01	.03	.07	.09	.10	.04	.05	.10	.03											.72
KANE 5 SE						.06	.12	.02	.01	.02	.02	.03	.01	.01	.01										.31
LANCASTER 2 NE FILTER PLANT				.01	.01	.02	.01	.01	.02	.04	.11	.13	.03	.01	.02	.02	.01	.01		.01		.01			.48
LAURELTON STATE VILLAGE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.70					.77
LEBANON 3 SW					.01	.02	.02			.01	.01	.02	.02	.03	.05	.02	.04	.01	.01						.27
LEHIGHTON	.01	.01		.01	.01	.01	.01	.01		.10	.10	.03	.06	.02	.04	.04	.01	.02	.02	.02	.01	.01	.01	.01	.57
LEWISTOWN	.01	.01			.01	.01	.05	.01	.01	.05	.03	.02	.01		.03	.01	.01								.27
LOCK HAVEN 2				.02	.01	.11	.22	.17	.13	.08	.02	.01	.03												.80
MARIENVILLE				.01	.10	.09	.01	.01	.01	.05	.02	.02	.04	.04			.01	.01	.02						.44
MARTINSBURG		.04		.01		.04	.05	.02	.04	.03	.04	.19	.06	.02	.01	.02									.57
MARTINSBURG BLAIR CO AIRPORT 6	*	.14	*	*	*	*	*	.07	*	*	*	*	M	.22	*	*	*	*	*	.04					
MEADOW RUN PONDS	.02	.03	.03				.01	.08	.07	.01	.17	.05	.03	.02	.03		.01	.01	.01				.01	.01	.60
MEADVILLE 1 S					.09	.03					.02														.14
MEDIX RUN				.01	.06	.20	.18	.10	.05	.02	.02														.64
MERCER HIGHWAY SHED		.11	.16	.21	.11	.01	.01	.01	.02	.01	.01	.01													.67
MERWINSBURG		.01		.01				.02	.01			.02	.06	.03	.03										.19
MILAN	.01	.03	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLERSBURG 2 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE							.05	.03	.18	.13	.05	.03	.02	.04	.02	.01	.01		.01						.58
MONROE FURNACE		.01		.02	.05	.01	.07	.06	.02	.01	.05	.04	.03	.02	.01	.01	.01								.42
MONTROSE	.01	.01		.01		.01	.01	.01	.02	.09	.01	.01	.02	.05	.02										.28
MOUNT UNION 1 NW //	*	M	*	*	*	*	*	*	*	*	M	*	*	*	*	*	*	*	*	*					
MURRYSVILLE	.16	.03	.02	.02	.03				.03	.01	.02		.02												.34
NEFFS MILLS 4 NE			.01	.04	.03	.01	.08	.04	.05	.03	.03	.05	.02	.03	.03			.01				.01	.01	.01	.49
NEW CASTLE 1 N		.01	.46	.49	.09	.01	.04	.08	.03																1.21
PALMERTON							.01	.02	.02	.04	.11	.03	.01	.03	.02	.01				.01					.31
PARKERS LANDING 1 E		.04	.09	.28	.27	.28		.01	.01																.98
PARK PLACE 1 NW WB AIRPORT 6	*	M	*	*	*	*	*	.04	*	*	*	*	*	.26	*	*	*	*	*	.02	*	*	*	*	
PHILADELPHIA WB AIRPORT		.01	.01	.01					.01	.02	.09	.05	.01				.01	.02	.01			.01	.01	.01	.28
PHILADELPHIA POINT BREEZE	.03	.05	.04	.02	.02	.01	.01	.01	.01	.02	.03	.06	.05						.01					.01	.38
PHILADELPHIA WB CITY	.05	.04	.05	.03	.03	.02	.01	.01		.01	.03	.06	.05	.01				.01	.01					.01	.43
PHILLIPSBURG 7 E AIRPORT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PHOENIXVILLE 1 E PUMPING STATION	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.20					1.37
PIKES CREEK							.01	.08		.03	.10	.02	.02	.04	.04	.06									.40
PINE GROVE MILLS 1 S				.02	.02	.05	.03	.01	.01	.01	.04	.01	.02		.01										.23
PITTSBURGH 7 SE WB AIRPORT //	.01	.01	.01	.02	.09				.03		.08				.01										.26
PITTSBURGH WB CITY	.05	.01	.02		.01		.01			.01	.01														.12
PLEASANT MOUNT 1 E				.01		.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*					M
PORT CLINTON		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.55	.55
PUNXSUTAWNEY 2	.01	.07	.20	.09	.11	.16	.03	.06						.01		.01				.01		.01		.01	.78
PUTNEYVILLE 2 SE		.01	.02	.26	.08	.06	.11	.04	.01	.07	.03														.69
RAYMOND		.01		.01		.01			.01	.05		.14	.03	.05		.04	.01	.01	.02	.01	.01	.01	.01		.43
READING WB CITY	.04	.05	.06	.05	.05	.05	.04	.01		.01	.01			.02	.01	.02	.01	.01	.01	.01	.01	.01	.01		.48
RENOVO 6 S STATE CAMP						.10	.12	.14	.07	.03	.01	.03													.50
RIDGWAY						.01	.13	.12	.11	.03		.01													.41
ROCHESTER 1 N	.11	.07	.01		.02	.02	.06	.19	.10	.01		.01													.60
SAXTON				.01		.01	.01	.02	.01	.05	.03	.05		.01	.02										.22
SCANDIA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.60					.60
SCRANTON WB CITY								.04	.09	.05	.08	.01			.02								.01	.01	.31
SELLERSVILLE 2 NW	.01									.03	.05	.03	.05	.02	.02	.03	.04	.03	.09		.01				.41
SHADE GAP	*	*	*	*	*	*	*	*	*	M	*	*	*	*	*	*	*	*	*	.90					.90
SHEFFIELD 6 W CHERRY GROVE						.02			.09	.01	.01	.04	.03	.02	.01	.03	.03	.02		.01					.32
SMETHPORT HIGHWAY SHED							.11	.08	.03	.05	.03	.01													.31
SOUTH CANAAN 1 E	.01	.03							.03	.08	.12	.10		.01	.01	.01	.01								.47
SPRING GROVE		.02	.01	.01			.01	.04	.13	.09	.02		.01												.36
STATE COLLEGE					.11	.12	.04	.02	.03	.04	.08		.01	.01											.46
STRONGSTOWN	.05	.08	.04	.06	.02	.06	.02		.01	.06	.05	.02	.10	.02											.59
STROUDSBURG	.04		.01			.01		.01	.01	.13	.15	.02	.06	.02	.02	.04	.05			.02	.03	.02	.01	.02	.67

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A M Hour ending												P M Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SUNBURY				.01		.08	.03	.02	.07	.01	.01	.07		.01					.01						.32
SUNBURY AIRPORT 2 N 6	*	.02	*	*	*	*	*	.11	*	*	*	*	*	.13	*	*	*	*	*	.02	*	*	*	.02	
TAMAQUA 4 N STILL CREEK DAM	.01		.01	.01	.01		.01	.02	.10	.11	.07	.01	.04	.01		.03			.01		.01				.46
TIONESTA 2 SE DAM //			.01	.01	.07	.09	.05																		.23
TITUSVILLE				.06	.15	.02				.01		.02												.01	.27
TOWANDA				.01			.01	.09	.11	.11			.03	.04	.01	.01									.42
TUNKHANNOCK 1 S			.02	.01	.01	.01		.09	.10	.10	.07	.03		.01	.04		.01		.01	.01					.52
TUNNELTON	.16	.03		.01	.06	.09				.03	.01	.01	.01	.01											.42
TYRONE 4 NE BALD EAGLE				.05	.15	.09		.11	.02	.08	.09	.01	.08	.02	*	*	*	*	*	*	*	*	*	.19	.89
UNION CITY 1 W						.04	.01	.07	.11																.23
VANDERGRIFT 2 W	.03	.17	.02	.03	.02	.01	.01	.01	.02	.08	.01														.41
WASHINGTON		.02	.01	.04		.01			.11	.02	.06	.01													.28
WAYNESBURG 2 W				.01	.03	.01	.01		.03	.01															.10
WEBSTER MILLS 3 SW	.02	.03	.12	.03			.07	.13	.07		.02	.09	.06	.01	.03										.68
WELLSBORO 2 E						.01	.03	.12	.09	.04	.03	.01													.33
WILLIAMSPORT	.01		.01	.02	.02	.01	.03	.08	.12	.09	.06	.01	.02	.03	.02	.01				.01					.55
WIND GAP 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YORK 2 S FILTER PLANT					.01	.01	.01	.02	.06	.08	.09	.01	.03	.06	.01	.01	.07	.01	.01						.49
YOUNGSVILLE				.01	.01	.07	.01	.01	.06	.01		.01													.19

—17th—

ALLENTOWN-BETHLEHEM EASTON WB AP	.01																								.01
COATESVILLE 1 SW	*	1.37																							1.37
HAWLEY 1 S WALLEN DAM	*	1.18																							1.18
MEADOW RUN PONDS	.01		.01					.01	.03																.06
PARK PLACE 1 NW WB AIRPORT 6	*	*	*	*	*	*	*	.01																	
PHILADELPHIA WB CITY			.01																						.01
PUNXSUTAWNEY 2		.01		.01				.01																	.03
READING WB CITY			.01			.01																			.02

—18th—

BOSWELL																								.03	.03
BUCKSTOWN																								.02	.02
CONFLUENCE 1 SW																							.01	.06	.07
GLENCOE																							.02	.06	.08
HEWITT 2 S																								.02	.02
MEADOW RUN PONDS																									
RENOVO 6 S STATE CAMP												.01	.01							*	*	*	*	*	*
SAXTON																									.02
SHEFFIELD 6 W CHERRY GROVE																								.01	.01
YORK 2 S FILTER PLANT																								.02	.02
																					.01		.01	.01	.03

—19th—

ALBION						.02					.04	.09	.07	.05											.27
ALLENS MILLS				.01	.02	.04	.03	.05	.02				.01												.18
ALLENTOWN-BETHLEHEM EASTON WB AP						.01	.01	.02	.04	.06	.06	.11	.02	.05	.06	.03	.02	.02	.01						.52
AUSTINBURG 2 W					.01	.03	.04	.05	.04	.01	.01	.02	.01	.01		.01	.01	.01							.26
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.03	*	*	*	*	*	.15	*	*	*	*	*	.11					
BETHLEHEM LEHIGH UNIV						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.80	.80
BLAIN			.03	.04			.01	.02	.03	.05	.02	.03	.04	.01		.01								.01	.30
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.10	*	*	*	*	*	.12	*	*	*	*	*	.07					
BLAKESLEE CORNERS						.01	.01	.01	.01	.06	.06	.07	.07	.09	.04	.01	.01	.01		.01					.47
BOSWELL	.02	.06	.01	.03	.08	.07	.07	.07	.06	.05	.06	.02	.01	.03	.04	.02									.70
BROOKVILLE AIRPORT 6			*	*	*	*	*	.04	*	*	*	*	*	.04	*	*	*	*	*	.02	*	*	*	.02	
BUCKSTOWN	.04	.01		.01	.03	.06	.03	.03	.04	.02	.01														.28
BUTLER SUBSTATION		.02	.03	.04	.01																				.10
CANTON 1 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARTER CAMP							.01	.06	.03	.02	.02	.01		.01	.02	.01	.02	.01							.22
CHAMBERSBURG		.02	.05	.05	.06	.01	.07	.06	.14	.06	.11	.06	.07	.01											.77
CHARLEROI	.02	.01	.02	.04	.04	.05	.05	.05	.03	.04	.04		.01			.01									.41
CLARION 3 SW						.02	.02	.02	.02	.02	.01		.03	.01											.15
COALPORT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COATESVILLE 1 SW							.01	.02	.06	.03	.08	.09	.10	.01	.07	.03	.01								.51
CONFLUENCE 1 SW		.02	.01	.01	.03	.08	.11	.14	.09	.10	.08	.08	.02	.01	.01	.01	.01	.01							.82
CONNELLSVILLE 4 N												.02	.01	.03	.04	.01	.01	.01							.13
CRESSON 1 E SUMMIT	.03	.02	.01	.01	.07	.05	.06	.05	.03		.01	.01				.02									.35
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.12	*	*	*	*	*	.08	*	*	*	*	*	.07					
DINGMANS FERRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRIFTWOOD							.02	.04	.01	.01	.01			.01	.01	.01	.02	.02							.16
DU BOIS 7 E					.01	.05	.02	.02																	.10
DUNLO		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DUSHORE								*	*	*	*	*	*	*	*	*	*	*	*	.13					.13
EAGLES MERE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPORIUM						.02	.03	.02	.02	.03	.01	.01	.01	.01	.01		.01							.01	.19
ENGLISH CENTER						.01	.01	.06	.04		.01	.01	.01	.01	.01			.01	.01	.02	.01		.01		.23
ERIE WB CITY					.02	.02	.02	.01	.03	.01	.01				.02	.01								.01	.16
ERIE AIRPORT 6			*	*	*	*	*	.14	*	*	*	*	*	.07	*	*	*	*	*	.03	*	*	*	*	
EVERETT		.02	.06	.02	.02	.03	.09	.14	.12	.06	.10	.04	.01	.01			.01	.01		.01	.01				.76
FORD CITY 4 S //		.01	.01	.01	.01	.03	.02	.03				.01	.01	.01											.15
FRANKLIN		.01		.01	.05	.01	.01	.02	.01	.01	.01	.01		.01											.16
GETTYSBURG 1 S				.01	.05	.02	.02	.05	.03	.12	.10	.10	.08	.02	.01										.61
GLENCOE	.07	.05	.03	.05	.07	.13	.05	.07	.10	.05	.05														.72
GLEN ROCK					.01	.03	.01	.04	.05	.06	.11	.06	.08	.08	.03	.01									.57
GOOD SPRINGS 1 NW	*	*	*	*	*	*	*	*	*	.21	.02	.08	.02	.06			.01	.01							.41
GREENSBURG 2 E HIGHWAY SHED	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HARRISBURG 3 S WB AIRPORT				.01	.02	.02	.03	.02	.03	.07	.06	.05	.03	.06	.04										.44
HAWLEY 1 S WALLEN DAM						.01	.02	.02	.04	.05	.07	.06	.05	.07	.08	.02	.03	.03	.01	.01	.01				.58
HEWITT 2 S	.01	.03	.02	.05	.04	.06	.07	.07	.05	.02	.03														.45
HOLLIDAYSBURG		.05	.01	.02	.02	.05	.05	.05	.06	.04	.02	.04	.02	.01			.01								.45
HOLTWOOD					.01	.01	.02		.05	.03	.04	.07	.04	.07	.02	.02	.01								.39
HOME		.01	.01	.01	.01	.05	.01	.01	.01	.01															.13
HONESDALE 6 N TANNERS FALLS //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUNTSDALE			.01	.02	.03	.02	.02	.08	.05	.07	.06	.04	.04	.01											.45
INDIANA 2 SE		.02		.01	.01	.09	.06	.03	.02	.03	.03														.30
JACKSON SUMMIT								.01	.02	.04	.02	.03	.01	.01	.01			.01		.02	.01	.01	.01		.21
JAMESTOWN 2 NW				.01	.07			.01			.01														.10
JOHNSTOWN 2	.01	.06	.02	.01	.01	.10	.03	.07	.07	.05	.04	.04				.01		.01							.53
KANE 5 SE		.01		.01	.04	.04	.05	.01	.01	.01	.01	.01	.01												.21
LANCASTER 2 NE FILTER PLANT						.01	.01	.01	.04	.06	.07	.03	.07	.06	.09	.06	.02								.53
LAURELTON STATE VILLAGE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LEBANON 3 SW					.02	.01	.03	.03	.04	.07	.07	.03	.07	.02	.01										.40
LEHIGHTON						.01	.05	.02	.02	.08	.14		.05	.15	.10	.04	.06	.02	.03	.02		.02	.01		.82
LEWISTOWN			.01	.01	.01	.03	.03	.01	.01	.01	.04	.02	.02												.20
LOCK HAVEN 2						.03	.04	.05	.04	.02	.01	.01													.20
MARIENVILLE				.04	.03	.01	.02	.06			.01														.17
MARTINSBURG		.05	.05		.02	.05	.05	.08	.05	.05	.04	.01	.04			.01						.01		.01	.52
MARTINSBURG BLAIR CO AIRPORT 6	*	.03	*	*	*	*	*	.14	*	*	*	*	*	.13	*	*	*	*	*	.03					
MEADOW RUN PONDS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.55	.01	.02	.02						.60
MEADVILLE 1 S				.02	.06	.01	.01		.03	.02															.15
MEDIX RUN						.01	.03	.02	.02	.01	.01			.01		.01		.01		.01					.14

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MERCER HIGHWAY SHED			.01	.05	.01	.01	.01			.01	.01									.61					.11
MERWINSBURG		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.24					.61
MILAN		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.23					.29
MILLERSBURG 2 E	*	*	*	*	*	*	*	1.03	*	*	*	*	*	*	*	*	*	*	*		.01	.02			1.26
MILLVILLE								.04	.02	.01	.01		.01	.02	.01			.01							.16
MONROE FURNACE			.02	.01	.02	.03	.07	.06	.03	.04	.02	.01	.01	.01		.01	.02	.01		.01					.38
MONTROSE									.01	.01	.05	.04	.01	.01	.01	.04	.01	.01							.17
MOUNT UNION 1 NW //		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.99					1.99
MURRYSVILLE	.01	.02	.02		.08	.04	.05	.03	.04	.01	.01	.02									.01				.33
NEFFS MILLS 4 NE		.01	.02	.01	.01	.01	.03	.06	.02	.03	.03	.01	.01		.01	.01	.01	.01				.02	.01	.01	.34
NEW CASTLE 1 N					.02	.03	.04	.01																	.10
PALMERTON									.01	.02	.01	.01	.01	.02	.03	.01	.01	.06				.01			.20
PARKERS LANDING 1 E					.03	.04	.02	.01																	.10
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.07	*	*	*	*	*	.45	*	*	*	*	*	.10	*	*	*	*	
PHILADELPHIA WB AIRPORT							.01	.04	.05	.06	.05	.08	.10	.12	.12	.13	.07	.05	.04						.92
PHILADELPHIA POINT BREEZE								.01	.01	.02	.02	.01	.03	.03	.04	.04	.05	.07	.05	.03	.02	.02	.01	.01	.47
PHILADELPHIA WB CITY								.06	.07	.09	.09	.06	.09	.16	.18	.11	.07	.04	.03	.03	.02				1.10
PHILLIPSBURG 7 E AIRPORT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHOENIXVILLE 1 E PUMPING STATION		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.10	1.10
PIKES CREEK							.01	.01	.03	.07	.07	.04	.06	.04	.07	.02									.42
PINE GROVE MILLS 1 S		.03	.03	.02	.02	.03	.07	.06	.05	.05	.02	.02	.01	.01	.01	.02	.01		.01	.01					.48
PITTSBURGH 7 SE WB AIRPORT //	.01	.01	.02	.04	.03	.03	.03	.01	.01	.01	.01	.01				.01									.23
PITTSBURGH WB CITY	.02	.03	.04	.03	.02	.03	.04	.04	.01		.01	.01													.28
PLEASANT MOUNT 1 W								*	*	*	■	■	*	*	*	*	*	*	*	*	*	*	*	*	*
PORT CLINTON					.01	.01	.01	.01	.01	.06	.06	.12	.13	.13	.06	.04									.65
PUNXSUTAWNEY 2					.01	.05		.04	.01	.01	.01	.01		.01		.01		.02						.01	.19
PUTNEYVILLE 2 SE			.01	.27	.01	.04	.03	.04		.01	.01	.01													.43
RAYMOND											.01	.04	.03	.01	.01	.01	.02	.01	.01	.01	.01		.01		.18
READING WB CITY					.02	.04	.06	.05	.06	.06	.05	.06	.05	.04	.04	.05	.04	.04							.66
RENOVO 6 S STATE CAMP				.01	.01	.02	.04	.06	.04	.03	.01	.02	.01	.01	.02	.02	.01	.01		.01		.01			.34
RIDGWAY							.01	.03	.05	.01	.02			.02	.01	.01				.01		.01		.01	.19
ROCHESTER 1 N			.01	.02	.05	.01	.02													.01					.11
SAXTON	.03	.05	.03	.01	.03	.06	.08	.07	.03	.09	.02	.02	.02	.01	.02	.02									.53
SCANDIA				.01	.01	.03	.03	.02	.04	.01	.01	.01		.01											.18
SCRANTON WB CITY							.01	.02	.02	.03	.05	.05	.04	.04	.04	.03	.03	.03							.39
SELLERSVILLE 2 NW					.01		.01	.01	.03	.03	.02	.04	.05	.03	.05	.02	.01	.01	.01	.02					.35
SHADE GAP				.01		.01	.05	.07	.07	.03	.07	.04	.04	.01							.02		.03		.45
SHEFFIELD 6 W CHERRY GROVE		*	*	*	*	*	*	*	*	*	*	*	*	.31											.31
SMETHPORT HIGHWAY SHED		*	*	*	*	*	*	*	*	*	*	*	*	.20											.20
SOUTH CANAAN 1 E								*	*	*	*	*	*	*	*	*	*	*	.55						.55
SPRING GROVE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.73					.73
STATE COLLEGE			.03	.01	.01	.01	.06	.05	.05	.03	.01	.01		.01	.01	.02	.01	.01	.01						.34
STRONGSTOWN		.03	.01	.01	.01	.03			.01	.02		.01		.01	.01	.02	.01	.01							.19
STROUDSBURG							.01	.04	.05	.08	.15	.06	.05	.11	.08	.01	.02	.07	.01						.74
SUNBURY					.01	.02	.06	.08	.04	.10	.07	.03	.08	.02			.01							.01	.53
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.07	*	*	*	■	*	.26	*	*	*	*	*	.08	*	*	*	.02	
TAMAQUA 4 N STILL CREEK DAM						.01	.05	.03	.07	.05	.10	.10	.10	.04	.04	.02									.61
TIONESTA 2 SE DAM //					.04	.03	.03	.02	.01	.01	.01	.01													.16
TITUSVILLE		.01		.01	.06	.02	.01			.01	.01														.13
TOWANDA							.01	.01	.02	.02	.04	.01	.01		.01			.02		.02	.01	.01			.19
TUNKHANNOCK 1 S									.04	.03	.06	.04	.03	.04	.03	.03	.01	.01		.01					.33
TUNNELTON //		.02	.02	.01	.01	.08	.02	.09	.03	.02	.02	.02	.01	.01	.02	.01									.39
TYRONE 4 NE BALD EAGLE			.01	.01	.02	.04	.02	.05	.05		.01	.01				.03									.25
UNION CITY 1 W					.02	.01		.01	.01	.05	.02	.01													.13
VANDERGRIFT 2 W		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
WASHINGTON				.01	.03	.06	.01	.02	.05	.01															.19
WAYNESBURG 2 W	.01		.01	.01	.03	.05	.02	.03	.06	.01	.01	.01	.01	.01	.01	.01	.01	.01							.31
WEBSTER MILLS 3 SW									.08	.02	.02	.04	.03												.19
WELLSBORO 2 E							.01	.01	.04	.02				.01			.01	.01	.01	.01	.01	.01			.15
WILLIAMSPORT								.05	.05	.03	.05	.01	.01	.10											.30
WIND GAP 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YORK 2 S FILTER PLANT				.01	.01	.02	.02	.05	.02	.09	.10	.10	.09	.03	.06	.01	.01								.62
YOUNGSVILLE				.01	.03	.02	.01	.03	.04	.01	.01														.16
—20th—																									
ALLENS MILLS											.02	.04							.01	.01	.01	.01			.10
AVOCA WILKES-BARRE SCRANTON AP 6	*	.01																							.01
BLAIN				.01											*	*	*	*	*	.01					
BLAIRSVILLE 6 ENE 6																									
BROOKVILLE AIRPORT 6			*	*	*	*	*	.01	*	*	*	*	*	.02	*	*	*	*	*	.01	*	*	*	.05	
CARTER CAMP													.01		.01										.02
CLARION 3 SW										.01		.01									.02				.04
CONFLUENCE 1 SW											.01						.01								.02
CRESSON 1 E SUMMIT											.04					*	*	*	*	*	*	*	*	.20	.24
CURWENSVILLE 6 NW AIRPORT 6															*	*	*	*	*	.01	*	*	*	.03	
DUNLO	*	*	*	*	*	*	*	*	*	*	1.70														1.92
EAGLES MERE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMPORIUM						.01	.01	.03	.01																.06
ERIE WB CITY			.01																						.01
ERIE AIRPORT 6	*	.01																							
FORD CITY 4 S //		.01																	.01					.01	.03
FRANKLIN								.01			.01														.02
GETTYSBURG 1 S										.02	.05	.01													.08
GREENSBURG 2 E HIGHWAY SHED	*	*	*	*	*	*	*	*	*	*	*	*	.35												.35
JACKSON SUMMIT	.01											.01	.01												.05
KANE 5 SE																				.01		.01	.01	.01	.04
LANCASTER 2 NE FILTER PLANT											.01	.01													.02
LAURELTON STATE VILLAGE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MARIENVILLE																					.02	.01			.03
MEADOW RUN PONDS												.01		*	*	*	*	*	*	.24					.25
PARK PLACE 1 NW WB AIRPORT 6	*	*	*	*	*	*	*	.01																	
PHILADELPHIA POINT BREEZE	.01																								.01
PITTSBURGH 7 SE WB AIRPORT //													.01				.01	.01							.03
PITTSBURGH WB CITY								.01		.01	.01	.01					.01								.05
PLEASANT MOUNT 1 W	*	.87																							.89
PUNXSUTAWNEY 2				.01																.01				.03	.05
RENOVO 6 S STATE CAMP									.01			.01													.02
RIDGWAY																					.02				.02
SUNBURY				.03																					.03
TIONESTA 2 SE DAM //											.01						.01								.02
TITUSVILLE																.01		.01		.02		.01		.02	.07
TOWANDA				.02	.01	.01	.01																		.05
TYRONE 4 NE BALD EAGLE							.02	.06																	.08
VANDERGRIFT 2 W	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
—21st—																									
ALBION		*	*	*	*	*	*	*	*	*	*	*	.05												.05
ALLENS MILLS					.01	.05	.03																		.09
AVOCA WILKES-BARRE SCRANTON AP 6									*	*	*	*	*	.02											
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.07																	.03
BLAKESLEE CORNERS										.01	.01	.01													

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A M Hour ending												P M Hour ending												
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BOSWELL								.01	.04																.05
BROOKVILLE AIRPORT 6	*	.02	*	*	*	*	*	.04																	
BUTLER SUBSTATION								.02		.01	.01	.01		.01	.01										.07
CANTON 1 NW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARTER CAMP				.01			.01	.02	.01	.01	.02	.03	.01	.01	.04										.17
CLARION 3 SW					.02	.01																			.03
COALPORT						.01	.06	.01																	.08
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.08																	
DRIFTWOOD							.02	.01		.08															.11
DU BOIS 7 E					.03	.03	.01	.01																	.08
EMPORIUM			.01		.01	.01	.02	.05		.01	.01	.01													.13
ENGLISH CENTER									.03	.02	.01			.01	.01										.08
ERIE WB CITY									.01	.01	.01														.03
ERIE AIRPORT 6									*	*	*	*	*	.05											
FORD CITY 4 S //		.01				.02	.01																		.04
FRANKLIN					.01			.01				.01			.01										.04
GETTYSBURG 1 S															.02										.02
GLEN ROCK	.01				.01		.01																		.03
HAWLEY 1 S WALLEN DAM											.01	.01													.02
HEWITT 2 S											.01	.01	.03	.02											.07
HOLLIDAYSBURG				.01		.01	.03			.01	.02														.08
HOME				.01	.01	.01	.01	.01	.01	.01															.07
HONESDALE 6 N TANNERS FALLS //										.01	.01	.01													.03
INDIANA 2 SE						.01	.01		.03		.03														.08
JACKSON SUMMIT				.01		.01					.01			.01											.04
JOHNSTOWN 2					.01	.01																			.02
KANE 5 SE					.01	.02	.04	.01	.01	.01	.01														.11
LAURELTON STATE VILLAGE	*	*	*	*	*	*	*	*	*	*	*	*	*	.37											.37
LEHIGHTON												.01													.01
LOCK HAVEN 2								.02	.02																.04
MARIENVILLE			.01	.02	.04			.01																	.08
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.01																	
MEADVILLE 1 S				.01				.01	.01	.02	.02														.07
MEDIX RUN							.01	.03	.01		.01	.01													.07
MERWINSBURG											.02	.03													.05
MILLVILLE									.01		.01														.02
MONROE FURNACE								.03																	.03
MONTROSE		*	*	*	*	*	*	*	*	*	*	*	*	*											*
MOUNT UNION 1 NW //		*	*	*	*	*	*	*	*	*	*	*	*	*											*
MURRYSVILLE					.03	.01																			.04
NEFFS MILLS 4 NE								.02	.01	.01															.04
PARKERS LANDING 1 E				.02	.02	.01	.01		.01	.01															.08
PARK PLACE 1 NW WB AIRPORT 6									*	*	*	*	*	.01											
PIKES CREEK										.01	.07	.01	.01												.10
PINE GROVE MILLS 1 S								.04				.01	.03	.02											.10
PITTSBURGH 7 SE WB AIRPORT //					.01																				.01
PLEASANT MOUNT 1 W									.01	.02	.04	.03													.10
PORT CLINTON										.01	.01														.02
PUNXSUTAWNEY 2		.01				.02		.02	.01	.01	.01														.08
PUTNEYVILLE 2 SE						.01	.01	.01	.02																.05
RAYMOND										.01	.01	.01			.02										.05
RENOVO 6 S STATE CAMP								.03	.01	.01	.01	.01	.01	.03	.02										.13
RIDGWAY						.01	.01	.01	.01	.01				.01											.06
SCANDIA										.04		.01													.05
SCRANTON WB CITY											.01														.01
SMETHPORT HIGHWAY SHED						.01		.01		.01			.02	.03										.01	.09
SOUTH CANAAN 1 E							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
STATE COLLEGE								.01	.01																.02
SUNBURY									.03	.01		.01													.05
SUNBURY AIRPORT 2 N 6									*	*	*	*	*	.03											
TAMAQUA 4 N STILL CREEK DAM											.09	.01													.10
TIONESTA 2 SE DAM //	.01	.01		.01	.02		.01																		.06
TITUSVILLE				.01	.01			.01	.02	.02	.04	.01													.12
UNION CITY 1 W					.01		.01	.01	.02	.03	.01														.09
VANDERGRIFT 2 W	*	*	*	*	*	*	*	.58																	.58
WILLIAMSPORT									.05	.01															.06
WIND GAP 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YOUNGSVILLE							.01	.01	.01	.02	.04	.01													.10
—22d—																									
ALLENS MILLS											.01	.01													.02
BUTLER SUBSTATION								.01		.01															.02
ERIE WB CITY															.01	.01									.02
ERIE AIRPORT 6															*	*	*	*	*	.12					
PINE GROVE MILLS 1 S											.01	.03	.02												.06
RAYMOND													.01	.03	.01									.01	.06
SMETHPORT HIGHWAY SHED				.01		.01					.01														.03
SOUTH CANAAN 1 E	*	*	*	*	*	*	*	*	*	*	*	*	*	.06											.06
UNION CITY 1 W											.01							.01							.02
WELLSBORO 2 E														.01				.01							.02
—23d—																									
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.01											
EMPORIUM						.01		.01				.01													.03
RAYMOND	.01																								.01
SHEFFIELD 6 W CHERRY GROVE																								.01	.01
UNION CITY 1 W		.01																							.01
WELLSBORO 2 E	.01				.01					.01				.01		.02									.06
YOUNGSVILLE					.01	.01	.01		.01		.01														.05
—24th—																									
ALBION								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.12		.12
CANTON 1 NW											.04	.02													.06
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.01																	
ERIE WB CITY										.03	.04	.02							.01			.01			.11
SHEFFIELD 6 W CHERRY GROVE		.01	.01	.01	.01	.02	.01			.01		.01													.09
YOUNGSVILLE														.02	.02	.01									.05
—25th—																									
BLAIRSVILLE 6 ENE 6									*	*	*	*	*	.01											
BROOKVILLE AIRPORT 6									*	*	*	*	*	.02											
CHARLEROI															.01	.01	.01								.03
CURWENSVILLE 6 NW AIRPORT 6									*	*	*	*	*	.02											
DUNLO											.01	.01													.02
JACKSON SUMMIT										.01	.01														.02
KANE 5 SE							.01	.01	.03	.01	.01														.07
MARIENVILLE								.03	.02																.05
MEADVILLE 1 S					.01			.01																	.02
MONTROSE								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOUNT UNION 1 NW //								*	*	*	*	*	*	*	*	*	*	*	*	1.00					1.00
PHILADELPHIA WB CITY																	.01								.01
PHILLIPSBURG 7 E AIRPORT												.02													.02
READING WB CITY																.01									.01
ROCHESTER 1 N										.02		.02		.01											.05
SCANDIA			.01	.01								.01					.01	.01	.01						.06
YOUNGSVILLE					.01	.01	.01	.01																	.04
—28th—																									
ALBION																						.02	.02	.02	.06
ERIE WB CITY																							.02	.04	.06
ERIE AIRPORT 6																					*	*	*	*	
LEBANON 3 SW																								.02	.02
MEADVILLE 1 S																								.01	.01
MERCER HIGHWAY SHED																								.01	.01
ROCHESTER 1 N																								.03	.03
—29th—																									
ALBION	.04	.07	.04	.08	.06	.04	.02	.05	.06	.06	.02	.04	.04	.01	.01		.01								.65
ALLENS MILLS		.02	.02	.02	.07	.03	.09	.13	.08	.07	.10	.05	.04	.03	.02	.08	.02	.03	.04	.04	.05	.01	.04		1.08
ALLENTOWN-BETHLEHEM EASTON WB AP							.03	.02	.09	.04	.03	.08	.20	.11	.11	.08	.05	.08	.04	.03	.03	.03	.09	.05	1.19
AUSTINBURG 2 W							.01		.01		.02	.03	.01		.01	.01			.01		.01		.02	.03	.17
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.03	*	*	*	*	*	.04	*	*	*	*	*	.51	*	*	*	.22	
BETHLEHEM LEHIGH UNIV						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BLAIN													–	–	–	–	–	–	–	–	–	–	–	–	–
BLAIRSVILLE 6 ENE 6			*	*	*	*	*	.20	*	*	*	*	*	.05	*	*	*	*	*	.04	*	*	*	.05	
BLAKESLEE CORNERS		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BOSWELL				.01	.02	.02	.08	.07	.06	.05	.09	.06	.04	.04	.01	.01	.01	.01	.04	.01	.05	.08	.04	.07	.87
BROOKVILLE AIRPORT 6			*	*	*	*	*	.23	*	*	*	*	*	.43	*	*	*	*	*	.10	*	*	*	.06	
BUCKSTOWN			.01	.01	.05		.03	.06	.02	.04	.05	.03	.05	.05						.02		.01	.04	.03	.50
BUTLER SUBSTATION	.03	.02	.01	.03	.02	.07	.10	.10	.06	.11	.10	.02	.03	.04	.01	.01		.01	.03	.03	.02	.02	.01		.88
CANTON 1 NW										.02	.05	.04	.05	.04	.10	.01		.06			.01	.02	.01	.09	.50
CARTER CAMP							.04	.11	.06	.12	.07	.04	.04	.05	.08	.02	.02	.02	.02	.02	.04	.07	.05	.06	.91
CHAMBERSBURG				.02	.01	.05	.03		.07	.01	.03	.07	.07	.02	.01		.01				.06	.01	.07	.13	.67
CHARLEROI				.01	.01		.02	.05	.11	.12	.10			.02		.05	.01		.01	.01		.01		.01	.54
CLARION 3 SW		.03	.02	.03	.07	.05	.09	.08	.05	.07	.09	.05	.04	.01	.01	.01	.01		.11	.04		.02	.01		.89
COALPORT		.01	.01			.01	.03	.11	.19	.14	.13	.10	.07	.03	.02		.01	.05	.01	.01		.01	.11	.05	1.10
COATESVILLE 1 SW		.01	.01	.04	.02	.13	.05	.10	.08	.07	.02			.01	.04	.02	.01	.01		.01	.01	.07	.01	.01	.73
CONFLUENCE 1 SW				.03	.02	.01	.04	.06	.02	.04	.04	.04	.03	.08	.02							.03	.03	.05	.54
CONNELLSVILLE 4 N					.01	.01	.07	.04	.04	.10	.11	.06	.02		.01	.01	.01		.02	.01	.07	.08	.04	.08	.79
CRESSON 1 E SUMMIT					.01	.01	.04	.13	.12	.15	.03	.10	.07	.05	.02		.05	.02	.01	.03	.01	.12	.10	.02	1.09
CURWENSVILLE 6 NW AIRPORT 6			*	*	*	*	*	.11	*	*	*	*	*	.51	*	*	*	*	*	.18	*	*	*	.24	
DINGMANS FERRY	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DRIFTWOOD							.02	.08	.15	.03	.08	.08	.03	.03			.08			.01	.03	.05	.01	.08	.76
DU BOIS 7 E					.01	.03	.05	.16	.09	.09	.08	.07	.03	.03	.01	.05	.03	.05	.03	.07	.03	.01	.09	.05	1.06
DUNLO	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DUSHORE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
EAGLES MERE		.01		.01	.05	.03	.10	.07	.03	.10	.20	.13	.27	.17	.16	.13	.08	.04	.14	.08	.10	.02	.08	.10	2.10
EMPORIUM				.01	.01	.02		.07	.09	.06	.08	.03	.03	.02	.02	.02	.03	.02	.01	.02	.06	.02	.04	.07	.73
ENGLISH CENTER		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ERIE WB CITY	.01	.02	.03	.03	.02	.02	.02	.04	.06	.05	.05	.03	.04	.02	.01	.01			.02	.01		.02	.03		.55
ERIE AIRPORT 6	*	.07	*	*	*	*	*	.24	*	*	*	*	*	.23	*	*	*	*	*	.02					
EVERETT					.01	.02	.01	.02	.04	.06	.04	.08	.04	.05	.03			.01		.01	.03	.03	.06	.06	.60
FORD CITY 4 S //	.01		.01	.02	.04	.04	.09	.20	.11	.11	.13	.02		.01		.02			.01	.05		.02	.01	.02	.92
FRANKLIN	.02	.03	.02	.02	.07	.05	.06	.02	.02	.07	.06	.03	.03	.02	.04	.02	.03	.07	.01						.69
GETTYSBURG 1 S					.02	.07	.09	.02	.03	.04	.02	.08	.03	.05	.01	.02	.01	.01		.02	.02	.05	.06	.05	.70
GLENCOE				.05		.02	.01	.02	.02	.04	.02	.02	.03	.02	.01	.01				.01		.02	.03	.04	.37
GLEN ROCK		.01			.02	.03	.07	.05	.07	.01	.02	.03	.02	.01	.04	.05	.05	.03	.01	.03	.15	.16	.05	.02	.93
GOOD SPRINGS 1 NW			.01	.01	.01	.01	.07	.04	.04	.04	.02	.14	.12	.06	.08	.08	.04	.02		.04	.18	.11	.11	.09	1.32
GREENSBURG 2 E HIGHWAY SHED		.02	.01	.01	.01	.03	.02	.10	.30	.12	.13	.01	.02	.01	.01	.02	.02	.02	.02	.05	.05	.07	.03	.03	1.11
HARRISBURG 3 S WB AIRPORT					.01	.01	.02	.02	.01	.04	.03	.04	.08	.05	.04	.02	.03				.09	.06	.07	.04	.66
HAWLEY 1 S WALLEN DAM													.02	–	–	–	–	–	–	–	–	–	–	–	–
HEWITT 2 S	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
HOLLIDAYSBURG				.01	.02	.02	.03	.10	.08	.12	.10	.05	.07	.08	.02	.01			.02	.04	.02	.02	.01	.09	.91
HOLTWOOD						.03	.03	.07	.07	.03		.01	.01									.07	.02	.12	.46
HOME		.01		.03	.01	.06	.13	.18	.15	.17	.07	.02	.02	.01	.01	.05	.04	.02	.03	.02	.08	.08	.08	.04	1.31
HONESDALE 6 N TANNERS FALLS //	.01		.01					.01	.06	.03	.02	.11	.06	.02	.04	.10	.05	.05	.02	.03	.05	.04	.03	.06	.80
HUNTSDALE				.01	.01	.06		.02	.01	.04	.10	.05	.01	.01	.03	.01			.03	.02	.04	.05	.07	.05	.62
INDIANA 2 SE					.03	.05	.07	.15	.18	.17	.10	.06	.05	.02	.01	.01	.08		.01	.01	.10	.05	.09	.06	1.30
JACKSON SUMMIT				.01	.01	.01	.01			.02	.01	.02	.02		.01	.01		.01				.01	.01	.09	.25
JAMESTOWN 2 NW		.07	.04	.10	.09	.02	.08	.04	.07	.09	.01	.02	.01	.02	.05										.71
JOHNSTOWN 2					.03	.04	.04	.12	.14	.11	.05	.07	.06	.02	.01		.02	.05	.02		.01	.07	.03	.07	.96
KANE 5 SE			.01	.06	.03	.05	.05	.03	.07	.10	.10	.03	.07	.03	.05	.02	.09	.11	.11	.01			.03		1.05
LANCASTER 2 NE FILTER PLANT				.01	.01	.02	.03	.05	.02	.04	.01	.03	.04	.01	.01		.01	.02	.01	.01		.03	.12	.09	.57
LAURELTON STATE VILLAGE				.01		.03	.01	.03	.01	.13	.20	.14	.04	.08	.10	.07		.01	.01	.01	.02	.04	.07	.07	1.08
LEBANON 3 SW	.03	.02	.02	.02	.03	.04	.02			.02	.03	.04	.08	.06	.09	.07	.08	.03	.01	.01	.04	.02	.12	.07	.95
LEHIGHTON					.01	.01	.05	.03	.02	.08	.01	.18	.03	.01	.01	.08	.02	.04	.02	.02	.01	.01		.06	1.44
LEWISTOWN						.02	.03	.01	.08	.06	.13	.14	.06	.10	.09	.08					.01	.06	.10	.03	1.00
LOCK HAVEN 2		*	*	*	*	*	*	.32	.07	.18	.10	.08	.08	.13	.09	.02		.02	.05	.02	.01	.08	.02	.15	1.42
MARIENVILLE		.01	.01	.03	.03	.05	.05	.05	.05	.03	.15	.10	.05	.06	.01	.02	.05	.05	.11	.20		.01	.01	.03	1.16
MARTINSBURG								.09	.04	.06	.11	.09	.04	.07	.06	.01			.01	.01	.01	.01	.01	.08	.70
MARTINSBURG BLAIR CO AIRPORT 6			*	*	*	*	*	.04	*	*	*	*	*	.44	*	*	*	*	*	.14	*	*	*	.14	
MEADOW RUN PONDS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MEADVILLE 1 S	.01	.03	.04	.08	.07	.06	.04	.06	.04	.09	.04	.03	.06		.01	.03	.01	.01	.02	.01			.01		.75
MEDIX RUN					.01	.01	.02	.04	.19	.08	.07	.08	.02	.03	.01		.04	.04	.01	.02	.03	.04	.02	.09	.85
MERCER HIGHWAY SHED	.05	.01	.07	.07	.07	.06	.02	.04	.06	.07	.03	.02	.02	.01	.03	.05	.07								.75
MERWINSBURG																			.05	.03	.04	.07	.09	.09	.37
MILAN									.02	.01	.04	.02	.03	.01	.02	.03	.01		.01				.01	.02	.23
MILLERSBURG 2 E		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MONROE FURNACE		.01		.01	.01	.02	.04	.10	.12	.36	.08	.10	.16	.07	.02		.01	.02	.01	.06	.05	.07	.03	.05	1.40
MONTROSE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MOUNT UNION 1 NW //		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MURRYSVILLE				.01	.02	.05	.03	.14	.16	.18	.16	.04	.01		.01	.03			.01	.03	.01	.04	.01	.02	.96
NEFFS MILLS 4 NE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NEW CASTLE 1 N	.01	.01	.01	.08	.01	.05	.03	.01	.03	.08	.03	.01	.02	.01		.01		.01							.41
PALMERTON						.02	.03	.03	.04	.06	.08	.11	.16	.09	.10	.06	.04	.06	.05	.06	.04	.04	.07	.18	1.32
PARKERS LANDING 1 E		.01	.01	.03	.04	.06	.05	.06	.04	.05	.14	.06	.04	.04		.01		.01	.05		.01	.02	.01		.74
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.07	*	*	*	*	*	.50	*	*	*	*	*	.43	*	*	*	*	
PHILADELPHIA WB AIRPORT						.05	.04	.03	.03				.01	.01	.01	.01	.05	.01	.01				.05	.01	.32
PHILADELPHIA POINT BREEZE						.02	.05	.10	.04	.01			.01	.01	.01		.02	.03					.04		.34
PHILADELPHIA WB CITY						.01	.02	.01	.01			.02	.04	.05	.04	.02	.06	.07	.05			.01	.10	.02	.54
PHILLIPSBURG 7 E AIRPORT						.01	.03	.12	.25	.21	.14	.09	.10	.07	.03	.02	.01	.04	.03	.03		.02	.14	.04	1.38
PHOENIXVILLE 1 E PUMPING STATION		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PIKES CREEK							.02	.08	.06	.09	.13	.20	.11	.11	.12	.18	.12	.10	.05	.06	.10	.14	.06	.06	1.79
PINE GROVE MILLS 1 S									.04	.14	.27	.11	.09	.11	.11	.03			.03	.01	.04	.03	.06	.03	1.10
PITTSBURGH 7 SE WB AIRPORT //				.02	.01	.05	.01	.23	.14	.13	.06					.02		.01	.01	.03		.04		.01	.77
PITTSBURGH WB CITY	.01		.01	.06	.01	.05	.06	.22	.09	.14	.04	.01			.01	.01				.03					.75
PLEASANT MOUNT 1 W										.03	.03	.06	.04	.02	.11	.11	.07	.03	.01	.06	.07	.16	.02	.01	.83
PORT CLINTON					.04	.07	.09	.08	.07	.15	.10	.28	.12	.14	.13	.10	.07	.04	.09	.03	.07	.03	.20	.10	2.00
PUNXSUTAWNEY 2				.01	.03	.05	.12	.20	.11	.10	.10	.02	.05	.01	.01	.09	.02		.04	.06	.03	.06	.02	.02	1.15

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A M Hour ending 1	2	3	4	5	6	7	8	9	10	11	12	P M 1	2	3	4	5	6	7	8	9	10	11	12	
PUNXSUTAWNEY 2 SE		.01	.01	.02	.05	.03	.07	.20	.07	.08	.12	.04	.03	.01	.02	.07		.01		.04	.01	.01	.01	.02	.93
RAYMOND									.01	.06	.04	.08	.07	.05	.03	.04	.02	.05	.03	.02	.02	.08		.04	.64
READING WB CITY				.01	.03	.05	.04	.04	.05	.05	.09	.07	.13	.06	.11	.05	.06	.07	.04	.04	.06	.07	.17	.11	1.40
RENOVO 6 S STATE CAMP				.01	.02	.02	.01	.12	.10	.10	.12	.08	.10	.10		.02	.08	.03	.04	.03	.05	.03	.04	.06	1.16
RIDGWAY				.01	.04	.04	.03	.08	.03	.06	.05	.08	.06	.01	.01	.01	.02	.07	.01	.06	.02	.01	.02	.03	
ROCHESTER 1 N	.05	.01	.01		.03	.07	.11	.07	.02	.09	.01	.04	.05	.01				.03				.02		.01	.63
SAXTON	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SCANDIA		.01	.02	.01	.01	.02	.06	.02	.04	.02	.09	.10	.04	.08	.02	.04	.02	.14	.02	.03					.79
SCRANTON WB CITY			*			.01	.01	.02	.04	.05	.08	.16	.08	.11	.08	.12	.10	.06	.03	.02	.03	.04	.05	.05	1.14
SELLERSVILLE 2 NW						.01	.06	.09	.04	.03	.10	.06	.11	.03	.05	.02	.02	.07		.01	.02	.05	.02	.02	.81
SHADE GAP							.02	.01	.06	.09	.02	.10	.07	.03	.02	.07	.01					.01	.20	.03	.74
SHEFFIELD 6 W CHERRY GROVE	.01	.02		.04	.03	.03	.07	.08	.02	.12	.15	.03	.09	.01	.08	.02	.08	.10	.02						1.00
SMETHPORT HIGHWAY SHED				.04		.03		.06	.03	.04	.05	.11	.08	.05	.05	.02	.03	.05	.08	.06	.08			.01	.87
SOUTH CANAAN 1 E		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
SPRING GROVE					.01	.02	.04	.05		.05	.01	.02	.06	.02	.01	.03	.03	.02	.02	.01	.01	.06	.22	.07	.76
STATE COLLEGE			.01	.02		.02	.01	.03	.13	.26	.25	.11	.10	.11	.08	.05		.02	.09	.01	.03	.02	.05	.05	1.45
STRONGSTOWN		.01	.02	.01	.01	.04	.04	.06	.30	.22	.13	.10	.04	.01	.02	.01	.06	.02	.03	.02	.04	.10	.05	.05	1.39
STROUDSBURG						.01	.04	.02	.08	.09	.02	.10	.18	.06	.15	.05	.03	.03	.04	.05	.04	.06	.15	1.20
SUNBURY			.01	.01	.01	.02	.05	.02	.03	.08	.17	.13	.06	.04	.02	.08		.01	.09		.02	.18	.08	1.11
SUNBURY AIRPORT 2 N 6			*	*	*	*	*	.09	*	*	*	*	*	.47	*	*	*	*	.22	*	*	*	.33		
TAMAQUA 4 N STILL CREEK DAM						.03	.07	.06	.02	.08	.07	.17	.18	.12	.15	.13	.08	.04	.01	.05	.14	.25	.22	.13	2.00
TIONESTA 2 SE DAM //	.01	.03	.02	.03	.06	.03	.04	.05	.04	.07	.12	.06	.04	.05	.03	.02	.02	.07	.08	.03		.01	.01		.92
TITUSVILLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
TOWANDA												.01	.01	.08		.01		.03	.04	.01			.02	.04	.25
TUNKHANNOCK 1 S				.01		.01	.03		.01	.01	.03	.12	.03	.02	.08	.08	.04		.09	.04	.04	.06	.05	.08	.83
TUNNELTON	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
TYRONE 4 NE BALD EAGLE				.01	.01	.02	.02	.10	.15	.26	.22	.15	.07	.06	.09			.01	.06	.02	.01		.15	.13	1.54
UNION CITY 1 W		.04	.05	.02	.08	.05	.05	.02	.07	.09	.07	.05	.05	.02	.01	.02	.01								.70
VANDERGRIFT 2 W			.01	.07	.01	.05	.15	.20	.11	.19	.03	.01	.05		.01	.01	.01					.01	.01	.04	.02	.01	1.00
WASHINGTON					.01	.05	.03	.11	.20	.20	.10				.01	.07	.01					.03		.05	.01		.88
WAYNESBURG 2 W			.01	.03	.03	.01	.03	.17	.10	.01	.02	.05	.02	.01	.01	.02	.02	.03	.04	.01	.02	.04				.66
WEBSTER MILLS 3 SW				.02	.05	.03	.03	.01	.01	.01	.01	.01	.02	.01	.01	.03	.01		.01		.01	.14	.13	.06	.60
WELLSBORO 2 E							.01		.02	.05	.04	.02	.05	.01	.04	.02	.01	.01	.02			.02	.01	.04	.37
WILLIAMSPORT				.02	.04	.01	.04	.04	.03	.10	.17	.04	.10	.09	.11	.09	.03		.07	.18	.01	.01	.07	.03	1.28
WIND GAP 3 SW		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
YORK 2 S FILTER PLANT				.01	.01	.04	.01	.02	.01	.07	.01	.06	.02	.02	.02	.05	.02	.02	.06	.01	.09	.13	.09	.01	.78
YOUNGSVILLE			.02	.01	.05	.02	.02	.06	.02	.01	.09	.11	.08	.09	.03	.02	.06	.10	.01						.80

–30th–

ALBION					.02	.03								.01		.01									.07
ALLENS MILLS	.06	.03				.01						.02	.04	.02	.01		.03	.01		.02	.01				.26
ALLENTOWN-BETHLEHEM EASTON WB AP	.05	.11	.02	.03	.18	.20	.20	.08	.10	.09	.11	.05	.06	.08	.01	.02	.05	.02		.01	.02	.07	.02	.01	1.59
AUSTINBURG 2 W	.04	.02	.05	.03	.03	.04	.06	.12	.04	.04	.03	.05	.04	.05	.01										.65
AVOCA WILKES-BARRE SCRANTON AP 6	*	.14	*	*	*	*	*	.61	*	*	*	*	*	.53	*	*	*	*	*	.16	*	*	*	.09	
BETHLEHEM LEHIGH UNIV	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BLAIN	–	–	–	–	–	–	–	–	–	.03	.06	.01	.02	.02	.03	.01	.01		.01						–
BLAIRSVILLE 6 ENE 6	*	.02	*	*	*	*	*	.09	*	*	*	*	*	.02							*	*	*	.04	
BLAKESLEE CORNERS	*	*	*	*	*	*	*	2.04	.25	.05	.08	.04	.04	.01	.01	.01	.03	.04	.01	.01				.08	2.70
BOSWELL	.12	.06	.02	.01				.01		.01							.01	.01	.03	.02		.01			.31
BROOKVILLE AIRPORT 6	*	.05	*	*	*	*	*	.03	*	*	*	*	*	.11	*	*	*	*	*	.02					
BUCKSTOWN	.02	.08	.03	.05	.02	.02		.01	.02	.02	.03		.01	.01	.05	.01	.01	.01		.01				.01	.42
BUTLER SUBSTATION										.01		.01		.01	.01	.02		.01				.01	.01		.09
CANTON 1 NW	.11	.04	.05	.05	.12	.05	.10	.13	.07	.07	.05	.06	.04	.07	.01	.01									1.03
CARTER CAMP	.07	.05	.02	.04	.06	.06	.05	.04	.03	.05	.03	.01	.02	.01	.02		.01								.57
CHAMBERSBURG	.11	.03	.11	.14	.12	.10	.08	.06	.07	.07	.03	.03	.06	.01											1.02
CHARLEROI	.01																.01	.01		.01		.01	.02	.01	.08
CLARION 3 SW																			.01						.01
COALPORT	.03	.10	.02	.04	.04	.03	.05	.02	.08		.04	.03			.03	.01	.01	.02	.03	.02	.01	.01	.01		.63
COATESVILLE 1 SW	.02	.08	.18	.30	.20	.12	.14	.14	.12	.08	.04	.06	.02	.03	.04	.03	.03	.04			.01	.01	.01	.02	1.72
CONFLUENCE 1 SW	.07	.05	.03	.01	.01																				.17
CONNELLSVILLE 4 N	.03	.01		.01															.02	.03		.01	.01		.12
CRESSON 1 E SUMMIT	.04	.06	.07	.03	.04	.04	.04	.06	.03	.01	.04	.01		.02	.01	.04	.01	.01			.01		.01	.01	.59
CURWENSVILLE 6 NW AIRPORT 6	*	.06	*	*	*	*	*	.27	*	*	*	*	*	.23	*	*	*	*	*	.12	*	*	*	.03	
DRIFTWOOD	.03	.04	.07	.05	.05	.07	.03	.04	.03	.05	.04	.03	.01	.02	.03		.01								.63
DU BOIS 7 E	.04	.01	.01	.03	.06	.07	.02	.01		.01	.02	.05	.05	.01	.04	.01	.01							.01	.46
DUNLO	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DUSHORE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
EAGLES MERE	.15	.08	.11	.06	.10	.14	.08	.08	.04	.06	.10	.01	.07	.02		.04				.01	.03				1.18
EMPORIUM	.03	.06	.02	.02	.03	.03	.05	.05	.02	.05	.05	.04	.03		.01										.49
ENGLISH CENTER	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ERIE WB CITY			.01			.01	.01			.01		.01			.01			.01	.01	.03	.02	.02		.01	.16
ERIE AIRPORT 6			*	*	*	*	*	.09	*	*	*	*	*	.01	*	*	*	*	*	.01	*	*	*	*	
EVERETT	.06	.04	.08	.10	.12	.06	.05	.08	.02	.05	.01	.02	.01												.70
FORD CITY 4 S //	.02																						.01	.01	.04
GETTYSBURG 1 S	.08	.05	.14	.14	.18	.18	.20	.11	.08	.08	.05	.01	.04	.03	.02										1.39
GLENCOE	.03	.10	.05	.05	.02			.01	.02	.03		.01	.01			.01	.01								.35
GLEN ROCK	.05	.03	.09	.06	.09	.13	.03	.10	.14	.10	.03	.02	.01	.01	.04	.01									.94
GOOD SPRINGS 1 NW	.03	.08	.04	.08	.11	.19	.08	.11	.09	.10	.10	.07	.03	.06	.10	.05	.01	.01						.01	1.35
GREENSBURG 2 E HIGHWAY SHED	.05		.01	.01				.01	.01												.01	.02	.03	.01	.16
HARRISBURG 3 S WB AIRPORT	.07	.06	.09	.10	.16	.15	.12	.13	.04	.09	.08	.05	.04	.01	.04										1.23
HOLLIDAYSBURG	.03	.02	.05	.09	.08	.03	.07	.02	.01	.01	.03	.01													.45
HOLTWOOD	.14		.08	.05	.08	.06	.06	.10	.07	.07	.07	.08	.02	.03	.01	.04	.03		.01				.01		1.01
HOME	.04	.05																							.09
HONESDALE 6 N TANNERS FALLS //	.03	.07	.03	.04	.04	.12	.14	.15	.13	.17	.11	.08	.06	.04	.01	.03	.02	.02	.02	.01	.01	.04	.01	.02	1.40
HUNTSDALE	.08	.11	.14	.15	.05	.07	.08	.08	.08	.04	.01	.04	.03		.02										.98
INDIANA 2 SE	.05	.05	.02	.01		.02			.02			.01				.01	.01								.20
JACKSON SUMMIT	.02	.08	.07	.05	.06	.08	.03	.05	.06	.06	.04	.04	.04	.05	.02	.01		.01						.01	.78
JOHNSTOWN 2	.06	.07	.04	.04	.01	.03	.01	.01		.01	.01	.01		.01		.01									.32
KANE 5 SE	.03	.01	.01						.02	.01	.01	.01													.10
LANCASTER 2 NE FILTER PLANT	.04	.02	.01	.07	.07	.10	.06	.12	.11	.08	.06	.07	.03	.05	.01	.03	.05	.04						.01	1.03
LAURELTON STATE VILLAGE	.10	.07	.11	.09	.07	.06	.05	.05	.07	.05	.06	.03	.05	.01	.02	.01		.02	.01						.93
LEBANON 3 SW	.03	.04	.06	.10	.10	.12	.08	.17	.10	.08	.07	.06	.02	.02	.05	.01			.02			.01		.02	1.16
LEHIGHTON	.08	.05	.03	.07	.13	.10	.10	.20	.10	.10	.10	.07	.03	.01	.01	.08	.02	.04	.02	.02	.01	.01		.06	1.44
LEWISTOWN	.10	.10	.08	.06	.07	.06	.03	.10	.08	.03	.02	.05	.01	.01				.01							.81
LOCK HAVEN 2	.05	.07	.05	.08	.07	.08	.05	.07	.08	.05	.07	.03	.07	.01	.02	.02	.03	.05	.02	.04					1.01
MARIENVILLE	.01	.01																							.02
MARTINSBURG	.03	.06	.06	.13	.04	.07	.02	.08	.01		.03			.01	.01	.01		.01		.01			.01		.59
MARTINSBURG BLAIR CO AIRPORT 6	*	.07	*	*	*	*	*	.42	*	*	*	*	*	.05	*	*	*	*	*	.03					
MEADVILLE 1 S									.01																.01
MEDIX RUN	.04	.02	.03	.01	.08	.05	.05	.07	.04	.02	.04	.04	.02	.01	.01	.01	.01	.01	.03	.01					.60
MERWINSBURG	.11	.17	.07	.15	.09	.03	.09	.04	.08	.07	.01	.10	.18	.12	.05	.01	.04	.02	.09	.10	.12	.08	.09	.10	2.01
MILAN	.06	.14	.09	.03	.07	.11	.09	.08	.08	.07	.06	.02	.05	.02	.01					.01	.01	.02	.01	.01	1.04
MILLERSBURG 2 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MILLVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MONROE FURNACE	.05	.07	.08	.10	.05	.05	.10	.25	.05	.05	.04	.01		.01	.01	.06	.02	.01	.01	.02	.01				1.05
MONTROSE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MOUNT UNION 1 NW //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MURRYSVILLE	.02	.01																							.03
NEFFS MILLS 4 NE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00	2.00
PALMERTON	.13	.05		.03	.09	.10	.10	.11	.10	.07	.07	.08	.02	.04		.01	.04	.03	.01	.03	.01	.02		.03	1.17
PARK PLACE 1 NW WB AIRPORT 6	*	*	*	*	*	*	*	1.02	*	*	*	*	*	.40	*	*	*	*	*	.14	*	*	*	*	
PHILADELPHIA WB AIRPORT	.05	.05	.03	.06	.06	.06	.22	.48	.16	.20	.16	.07	.13	.05	.10	.05	.05	.08	.04	.02	.10	.01	.02	.05	2.30

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PHILADELPHIA POINT BREEZE	.06	.02	.06	.03	.08	.04	.11	.33	.30	.16	.14	.14	.09	.06	.08	.06	.05	.03	.08	.04	.03	.03	.03	.02	2.07
PHILADELPHIA WB CITY	.05	.03	.15	.04	.06	.06	.06	.21	.17	.14	.12	.07	.06	.10	.14	.10	.11	.07	.09	.12	.03	.05	.03	.04	2.10
PHILLIPSBURG 7 E AIRPORT	.01	.07	.07	.06	.07	.03	.07	.04	.06	.02		.07	.01	.02		.01		.01							.62
PHOENIXVILLE 1 E PUMPING STATION	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*							*
PIKES CREEK	.11	.08	.02	.08	.12	.17	.10	.04	.10	.02	.08	.06	.03	.01	.01	.01	.03	.02	.02					.01	1.12
PINE GROVE MILLS 1 S	.06	.04	.06	.09	.10	.05	.04	.05	.03	.01	.02	.01	.02	.01	.01	.01	.02	.01	.01						.65
PITTSBURGH 7 SE WB AIRPORT //																				.01	.02	.02	.01	.02	.08
PITTSBURGH WB CITY																			.01		.01	.01	.02	.01	.06
PLEASANT MOUNT 1 W	.06	.04	.05	.03	.07	.20	.12	.11	.13	.11	.05	.07	.05	.03	.01	.04	*	*	*	*	*	*	*	*	*
PORT CLINTON	.10	.03	.07	.08	.10	.12	.10	.07	.20	.10	.06	.07	.07	.01	.02	.03	.07	.01		.01	.01	.01	.03	.01	1.38
PUNXSUTAWNEY 2	.03	.05										.01				.01		.01				.01			.12
PUTNEYVILLE 2 SE	.01	.01	.01						.02	.01	.01											.01			.08
RAYMOND	.06	.05	.04	.01	.08	.09	.08	.06	.08	.02	.06	.03	.01	.04	.03	.01			.01						.76
READING WB CITY	.19	.03	.05	.09	.12	.11	.10	.11	.11	.16	.09	.11	.04	.05	.02	.07	.06	.04	.04	.01			.03	.04	1.67
RENOVO 6 S STATE CAMP	.02	.08	.02	.09	.04	.07	.07	.05	.04	.05	.03	.04	.02	.01	.03	.04	.02								.72
RIDGWAY	.02	.02	.01				.02	.02	.01	.03		.01				.01			.04	.01					.20
ROCHESTER 1 N		.01	.02	.01																					.04
SCRANTON WB CITY	.05	.05	.03	.04	.07	.19	.15	.12	.14	.10	.07	.06	.04	.03	.01	.01					.01				1.17
SELLERSVILLE 2 NW	.03	.08	.26	.31	.30	.11	.25	.14	.12	.18	.04	.15	.05	.06	.01	.09	.01	.01	.02	.03	.01	.06	.04	.02	2.38
SHADE GAP	.16	.11	.16	.07	.16	.01	.03	.09	.07	.04		.03	.02	.01		.02				.02	.01				1.01
SHEFFIELD 6 W CHERRY GROVE														.02		.01		.02		.01					.06
SMETEPORT HIGHWAY SHED	.03	.04	.01	.01			.07	.03	.04	.05	.01	.03	.05	.01						.01					.39
SOUTH CANAAN 1 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SPRING GROVE	.01	.05	.05	.10	.13	.13	.11	.23	.10	.10	.10	.05	.04	.02	.03	.05									1.30
STATE COLLEGE	.06	.04	.06	.10	.10	.08	.06	.07	.05	.04	.04	.04	.01	.01		.03	.04	.03	.01	.01	.01				.89
STRONGSTOWN	.05	.05	.03	.02																					.15
STROUDSBURG	.05	.09	.06	.05	.05	.06	.26	.13	.10	.13	.09	.07	.09	.02	.08	.01	.01	.09	.01	.06	.09	.08	.08	.08	1.84
SUNBURY	.04	.10	.13	.12	.11	.04	.10	.10	.08	.06	.04	.06	.04	.02	.01	.04	.01	.02							1.12
SUNBURY AIRPORT 2 N 6	*	.14	*	*	*	*	*	.57	*	*	*	*	*	.42	*	*	*	*	*	.12	*	*	*	.04	
TAMAQUA 4 N STILL CREEK DAM	.07	.05	.08	.07	.13	.15	.11	.14	.06	.05	.09	.05	.04	.01		.01	.04	.04	.01			.01		.03	1.24
TIONESTA 2 SE DAM //	.01																	.01			.01				.03
TOWANDA	.14	.10	.02	.09	.09	.09	.04	.11	.08	.10	.08	.01	.03	.07	*	*	.19	.02	.02	.01	.01	.01		.01	1.32
TUNKHANNOCK 1 S	.09	.06	.03	.08	.08	.09	.09	.02	.10	.04	.10	.10	.08	.02	.01	.05	.03	.02	.01				.01	.02	1.13
TYRONE 4 NE BALD EAGLE	.02		.09	.02	.09	.03	.07		.01	.04	.03	.01	.01				.01							.01	.44
VANDERGRIFT 2 W																								.01	.01
WEBSTER MILLS 3 SW	.08	.20	.17	.10	.07	.04	.09	.08	.02	.02		.01	.01	.01											.90
WELLSBORO 2 E	.01	.07	.06	.07	.06	.06	.03	.05	.06	.10		.09	.05	.04	.01	.02									.78
WILLIAMSPORT	.10	.05	.04	.02	.14	.05	.09	.02	.09	.10	.09	.01	.04	.04	.01	.01			.01	.01					.92
WIND GAP 3 SW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
YORK 2 S FILTER PLANT	.02	.06	.04	.15	.11	.10	.11	.11	.10	.09	.08	.02	.01	.06	.02	.01									1.09
													—31st—												
ALBION			.02									.01								.01	.02				.06
ALLENS MILLS															.01	.01		.01				.01			.04
ALLENTOWN-BETHLEHEM EASTON WB AP	.05	.05	.03	.03	.01																			.01	.17
AUSTINBURG 2 W																									.01
AVOCA WILKES-BARRE SCRANTON AP 6	*	.05	*	*	*	*	*	.19	*	*	*	*	*	.05	*	*	*	*	*	.05	*	*	*	.03	
BETHLEHEM LEHIGH UNIV	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.24	3.24
BLAIN																								.01	.01
BLAIRSVILLE 6 ENE 6	*	.01	*	*	*	*	*	.01	*	*	*	*	*	.08	*	*	*	*	*	.07	*	*	*	.01	
BLAKESLEE CORNERS	.06	.06	.07	.03	.03	.04	.01	.02										.01	.01	.03	.01		.01		.39
BOSWELL		.02	.01	.02				.01	.01	.02	.01	*	*	*	*	*	*	*	*	*	*	*	*	.08	.18
BROOKVILLE AIRPORT 6									*	*	*	*	*	.01	*	*	*	*	*	.01					
BUCKSTOWN	.01	.04							.01		.01	.01				.02	.03	.02	.01	.02	.01	.01	.03	.02	.25
BUTLER SUBSTATION													.01	.01											.02
CANTON 1 NW					.01	.01	.05	.01	.01		.01													.01	.11
CHARLEROI	.01	.01	.01	.02	.01	.01				.02	.01														.10
CLARION 3 SW																			.01	.01	.01			.01	.04
COALPORT				.01	.02			.05			.01			.01			.01	.01	.03	.01	.01	.03	.05	.03	.28
COATESVILLE 1 SW		.01	.02																						.03
CONFLUENCE 1 SW		.01	.01		.01	.01	.02						.01						.01	.01					.09
CONNELLSVILLE 4 N			.01		.04	.02	.01		.01																.09
CRESSON 1 E SUMMIT				.01	.02	.01	.02	.02						.01	.01	.01	.01	.04	.05		.01	.01		.01	.24
CURWENSVILLE 6 NW AIRPORT 6	*	.02	*	*	*	*	*	.08	*	*	*	*	*	.02	*	*	*	*	*	.03	*	*	*	.01	
DINGMANS FERRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRIFTWOOD																								.01	.01
DU BOIS 7 E	.01	.01	.01	.02																					.05
DUNLO	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.30	1.30
DUSHORE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.47	3.47
EAGLES MERE		.01	.01	.01		.02	.06		.02	.01															.14
ENGLISH CENTER	*	*	*	*	*	*	*	*	*	*	*	*	*	1.75											1.75
ERIE AIRPORT 6	*	.03	*	*	*	*	*	.01																	.03
FORD CITY 4 S //	.01	.02																							
FRANKLIN															.01	.05	.03	.01	.02	.03	.05	.05	.05	.09	.39
GOOD SPRINGS 1 NW	.06	.01	.01	.02																					.10
GREENSBURG 2 E HIGHWAY SHED									.01	.01															.02
HARRISBURG 3 S WB AIRPORT								.01	.01																.02
HAWLEY 1 S WALLEN DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEWITT 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOLTWOOD		.02																							.02
HOME												.01	.01	.01	.03	.02	.02	.01	.01					.01	.12
HONESDALE 6 N TANNERS FALLS //	.04	.03	.02	.01	.04	.01	.02	.03	.03	.01		.02	.01		.02	.01	.01	.01							.33
INDIANA 2 SE										.02	.02		.01	.01		.01				.01					.08
JACKSON SUMMIT		.02	.02	.01	.01	.04	.01	.02	.02	.04	.03		.01									.01	.03	.02	.29
JAMESTOWN 2 NW										.01	.04	.02	.01			.01									.09
JOHNSTOWN 2										.01	.01	.01		.02	.01	.01	.01	.01	.01				.01	.01	.12
KANE 5 SE											.01		.01	.01	.01	.02	.01	.01	.01		.01	.03	.03	.03	.19
LANCASTER 2 NE FILTER PLANT	.01	.02	.03	.02	.02	.01			.01			.01													.13
LEBANON 3 SW	.01	.01																							.02
LEHIGHTON	.01	.01	.01	.06								.01	.01	.01											.12
LEWISTOWN		.01	.01	.01	.02			.01	.01	.01															.08
LOCK HAVEN 2									.01	.01	.01														.03
MARIENVILLE																.01		.01	.01	.01	.02	.01		.01	.08
MARTINSBURG	.01																								.01
MARTINSBURG BLAIR CO AIRPORT 6	*	.01													*	*	*	*	*	.02					
MEADOW RUN PONDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEADVILLE 1 S												.01			.01	.01	.01		.01		.01	.01	.01	.01	.09
MEDIX RUN				.01												.01				.01	.01			.01	.05
MERWINSBURG	.08	.02	.04	.01	.04	.01	.01	.01	.02	.04	.03	.01	.05	.02	.01										.40
MILAN	.03		.01	.01	.03	.04		.01	.02	.03													.01	.03	.22
MILLERSBURG 2 E	*	*	*	*	*	*	*	*	*	*	*	*	*	2.13											2.13
MILLVILLE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.60					2.60
MONROE FURNACE						.01				.01	.01				.01								.01		.05
MONTROSE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.75	1.75
MOUNT UNION 1 NW //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.05	2.05
MURRYSVILLE		.01	.01	.03	.02	.01		.01	.01	.01				.01											.12
NEW CASTLE 1 N				.01				.01		.01			.01		.01	.01	.01	.01							.08
PALMERTON	.04	.03	.02	.06	.03																				.18
PARKERS LANDING 1 E															.01	.01	.01								.03
PARK PLACE 1 NW WB AIRPORT 6			*	*	*	*	*	.11																	
PHILADELPHIA WB AIRPORT	.05		.02		.01																			.01	.09
PHILADELPHIA POINT BREEZE	.02	.01	.02	.01																					.06

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A M Hour ending												P M Hour ending												
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	T
PHILADELPHIA WB CITY	.02	.01	.01	.01																					.05
PHOENIXVILLE 1 F PUMPING STATION	*	*	*	*	*	*	*	3.35																	3.35
PIKES CREEK	.05	.01	.01	.01	.01		.01	.01	.01	.04	.01		.01		.01										.10
PITTSBURGH 7 SE WB AIRPORT				.01							.01	.01													.03
PITTSBURGH WB CITY	.01	.01	.02	.01	.01	.01	.01			.01	.01	.01	.01												.12
PLEASANT MOUNT 1 W	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.76	1.93
PORT CLINTON	.01	.01		.01	.01	.02		.01																	.07
PUNXSUTAWNEY 2	.01	.01	.01											.01				.01		.01		.02		.01	.09
PUTNEYVILLE 2 SE	.01		.01											.01	.01	.01	.02	.04	.02	.02	.01			.01	.17
RAYMOND																								.01	.01
READING WB CITY	.02			.03																					.05
RENOVO 6 S STATE CAMP				.01				.01		.01				.02				.01		.01				.03	.10
ROCHESTER 1 N		.01	.01	.01	.02																				.05
SAXTON	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SCANDIA																			.03	.02	.01	.02	.02		.10
SCRANTON WB CITY	.02	.02	.02	.02	.02	.02	.04	.04	.03	.03								.02	.01	.02				.02	.33
SELLERSVILLE 2 NW	.04	.05																							.09
SHEFFIELD 6 W CHERRY GROVE								.01		.01	.01				.01				.01	.01	.02	.01	.03		.12
SMETHPORT HIGHWAY SHED			.02					.02		.01		.01											.01	.01	.08
SOUTH CANAAN 1 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.30	2.30
STATE COLLEGE	.01					.01	.01															.01			.04
STRONGSTOWN															.02	.01		.01							.04
STROUDSBURG	.06	.04	.06	.05	.01		.08	.01	.01	.04			.04									.01			.41
SUNBURY	.02		.01	.04	.03	.03	.05	.09	.03	.02	.03	.01	.01												.37
SUNBURY AIRPORT 2 N 6	*	.03	*	*	*	*	*	.14	*	*	*	*	*	.12	*	*	*	*	*	.01					
TAMAQUA 4 N STILL CREEK DAM	.02	.01	.01	.02	.01	.01	.01		.01	.01															.11
TIONESTA 2 SE DAM //	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		.01	.01	.02	.01		.05
TITUSVILLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOWANDA	.01	.01	.01	.01	.05	.01	.01	.04	.04	.01		.01													.21
TUNKHANNOCK 1 S	.02	.01		.02	.02	.03	.01	.02	.02								.01	.01		.01		.01		.01	.20
TUNNELTON //	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TYRONE 4 NE BALD EAGLE		.03						.02				.01								.01				.01	.08
UNION CITY 1 W																	.01			.02	.02	.02	.01	.02	.10
VANDERGRIFT 2 W		.01	.01	.02								.02	.01	.01		.02	.01								.11
WAYNESBURG 2 W				.01	.01	.01					.01														.04
WELLSBORO 2 E	.01			.01	.01	.02	.03	.01	.02	.01													.01	.02	.15
WILLIAMSPORT		.01	.01	.02	.03	.02	.08	.01	.01	.03	.04	.01			.01										.28
WIND GAP 3 SW	*	*	*	*	*	*	*	*	*	*	*	*	*	3.50											3.50
YOUNGSVILLE															.01	.01	.01	.04	.02	.01	.04	.04	.01	.01	.20

DELAYED DATA

JUNE 1948

–5th–

EAGLES MERE							.02	.06	.02																.10

–7th–

EAGLES MERE	.20	.04				.01	.02	.07	.08	.04	.01	.01	.01	.01			.01	.10	.10						.71

–8th

EAGLES MERE				.04	.05													.35	.03						.47

–11th–

EAGLES MERE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

–28th–

EAGLES MERE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	

JULY 1948

–1st–

PALMERTON															.09	.05									.14

–2d–

DU BOIS 7 E																	*	*	*	*	*	*	*	*	*
RAYMOND																					.04		.01		.05

–3d–

DU BOIS 7 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.12									.12
MEADOW RUN PONDS														*	*	*	*	*	*	*	*	*	*	*	*
MERCER HIGHWAY SHED																						.06	.01		.07

–4th–

MERCER HIGHWAY SHED				.41				.01																	.42

–5th–

DU BOIS 7 E																	*	*	*	*	*	*	*	*	*
PALMERTON																		.06		.01			.01	.16	.24
RAYMOND														.03	.03	.01	.03								.10

–6th–

DU BOIS 7 E	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.92									.92
MEADOW RUN PONDS														*	*	*	*	*	*	.50					.50
MERCER HIGHWAY SHED									.32																.32
PALMERTON	.07													.03	.01										.11

–12th–

DU BOIS 7 E														.10		.03				.01	.04	.23	.02		.43
MERCER HIGHWAY SHED														.03					.07	.02	.04	.06	.04		.26
RAYMOND																							.22	.22	.44

–13th–

DU BOIS 7 E	.02	.04		.01		.01	.15			.01	.02	.01			.01		.05	.77							1.10
MEADOW RUN PONDS					.11	.60	.02	.23	.35	.44	.08	.01			.03	.02	.01		.02				.09	.08	2.09
MERCER HIGHWAY SHED						1.03											.35	.05							1.43
PALMERTON						.01									.02	.16	.06	.03	.01	.02					.31
RAYMOND	.01				.05	.01	.06		.01	.01	.01	.01			.04										.21

–14th–

MEADOW RUN PONDS	.01	.01																							.02

–15th–

RAYMOND													–	–	–	–	–	–	–	–	–	–	–	–	–

–16th–

MERCER HIGHWAY SHED																	.03								.03

–18th–

MEADOW RUN PONDS																	.12	.63	.15	.15					1.05

–20th–

DU BOIS 7 E																.50									.50
MERCER HIGHWAY SHED															.09										.09

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—21st—																									
DU BOIS 7 E														.17					.14	.10	.32				.73
MEADOW RUN PONDS																			.06	.01	.12	.43			.62
MERCER HIGHWAY SHED											.02	.20	.04				.04								.30
PALMERTON																		.26	.17		.03	.39		.01	.86
—22d—																									
DU BOIS 7 E																		.06	1.30						1.36
MEADOW RUN PONDS																	.01	.01							.02
MERCER HIGHWAY SHED															.40	.35	.01				.04	.43	.02		1.25
PALMERTON	.07	.01																						.02	.10
—23d—																									
DU BOIS 7 E		.08	.01		.01	.06	.13	.09			.01				.11										.50
MEADOW RUN PONDS		.01	.15							.01	.01	.01			.01	.01		.01	.12	.05					.39
MERCER HIGHWAY SHED	*	*	.10	.15							.01	.09	.02												.37
PALMERTON	.13	.28																							.41
—25th—																									
RAYMOND	-	-	-	-	-	-	-																		
—26th—																									
MEADOW RUN PONDS																					.05	.01		.03	.09
MERCER HIGHWAY SHED																			.20	.02					.22
—27th—																									
DU BOIS 7 E																								.04	.04
MEADOW RUN PONDS	.01																								.01
MERCER HIGHWAY SHED																	.81				.01	.01			.83
RAYMOND																		.02	.03	.01	.02	.02	.01	.01	.12
—28th—																									
DU BOIS 7 E	.05																								.05
MERCER HIGHWAY SHED													.02												.02
RAYMOND	.48			.01	.01	.01	.01	.01																	.53
—30th—																									
DU BOIS 7 E																			.03	.01	.01		.01		.06
MERCER HIGHWAY SHED																.03									.03
RAYMOND																			.01	.18					.19
—31st—																									
PALMERTON		.07	.03																						.10
RAYMOND							.02																		.02
SEPTEMBER 1948																									
—7th—																									
SCANDIA																	.44		.01	.04	.01				.50
—8th—																									
AVOCA WILKES-BARRE SCRANTON AP 6									*	*	*	*	*	.37											
—9th—																									
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.04					
SCANDIA				.03					.02	.03															.08
—10th—																									
AVOCA WILKES-BARRE SCRANTON AP 6									*	*	*	*	*	.09											
SCANDIA																.05									.05
—18th—																									
AVOCA WILKES-BARRE SCRANTON AP 6															*	*	*	*	*	.32					
—19th—																									
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.13																	
—20th—																									
AVOCA WILKES-BARRE SCRANTON AP 6									*	*	*	*	*	.08	*	*	*	*	*	.28					
SCANDIA								.02	.08																.10
—29th—																									
SCANDIA																				.28					.28
—30th—																									
AVOCA WILKES-BARRE SCRANTON AP 6			*	*	*	*	*	.05	*	*	*	*	*	.11											
SCANDIA													.01	.01											.02
NOVEMBER 1948																									
—3d—																									
BETHLEHEM LEHIGH UNIV																.02	.01							.02	.05
—4th—																									
BETHLEHEM LEHIGH UNIV	.17	.05	.08	.02		.01		.01							.01	.10		.02							.47
—6th—																									
BETHLEHEM LEHIGH UNIV																				.04	.04		.18	.28	.54
—7th—																									
BETHLEHEM LEHIGH UNIV	.10	.13	.06																						.29
—10th—																									
BETHLEHEM LEHIGH UNIV													.06	.12	.02	.02									.22
—13th—																									
BETHLEHEM LEHIGH UNIV	.04	.01	.01											.04											.10
—17th—																									
BETHLEHEM LEHIGH UNIV			.01	.02	.02	.01	.02																		.08
—19th—																									
BETHLEHEM LEHIGH UNIV															.01	.17	.08	.12	.02		.01		.10		.51
—20th—																									
BETHLEHEM LEHIGH UNIV	.07	.06	.26	.05		.04	.06																		.54
—22d—																									
BETHLEHEM LEHIGH UNIV											.02	.02			.01	.03	.01	.06	.02			.01	*	*	*
—23d—																									
BETHLEHEM LEHIGH UNIV	*	.11																							.29
—26th—																									
BETHLEHEM LEHIGH UNIV			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
—29th—																									
BETHLEHEM LEHIGH UNIV	*	*	*	*	*	*	*	*	*	*	*	*	*	.74											.74

See reference notes following Station Index.
See page 326 for Errata.

DAILY TEMPERATURES

Table 5

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBION	MAX	37	33	53	60	51	47	50	48	47	36	34	41	52	38	43	45	42	34	32	37	42	38	38	36	33	28	41	46	46	46	40.6
	MIN	30	21	24	21	35	34	32	33	29	21	18	23	28	28	33	33	28	24	20	18	25	31	20	24	24	6	12	20	31	24	18	24.8
ALLENTOWN-BETH EAST WB AP	MAX	49	44	46	61	57	56	56	49	39	30	40	47	56	48	32	34	37	33	28	32	32	40	35	29	27	21	27	38	47	41	34	40.3
	MIN	27	21	29	35	26	36	30	32	25	24	21	29	34	31	26	28	31	24	21	13	11	10	23	10	8	2	1	8	23	33	26	22.5
ALLENTOWN GAS CO	MAX	45	50	44	47	62	59	58	51	51	40	41	39	46	53	49	32	35	40	35	30	33	35	43	36	31	29	23	29	43	51	47	42.2
	MIN	28	24	26	35	28	29	32	34	29	28	24	25	35	37	28	27	31	26	23	22	15	14	23	21	13	11	8	10	14	37	27	24.7
ALTOONA HORSESHOE CURVE	MAX	44	36	38	52	46	50	54	41	38	29	31	52	60	56	38	34	33	30	26	30	46	40	32	29	25	24	34	41	40	43	32	38.8
	MIN	27	16	29	35	29	41	29	31	20	19	13	27	42	38	28	31	28	19	20	20	24	30	24	17	11	5	5	23	31	32	20	24.6
ARENDTSVILLE	MAX	45	50	40	50	59	54	56	56	48	38	36	36	44	63	55	33	37	40	33	29	35	43	45	36	32	31	25	37	46	47	43	42.6
	MIN	25	23	24	36	32	35	29	31	25	26	19	19	32	36	29	29	30	26	25	24	21	26	24	23	14	8	- 2	3	19	33	28	24.3
AVOCA WILKES-BARRE AP	MAX	44	42	47	54	57	51	54	44	36	34	35	45	49	46	29	37	37	30	25	28	39	40	31	23	23	14	25	35	49	50	28	38.1
	MIN	29	23	34	34	28	37	35	29	23	24	21	32	37	26	24	28	30	22	20	18	18	29	23	13	7	2	2	14	33	28	21	24.0
BAKERSTOWN 4 WNW	MAX	46	44	42	51	56	56	45	51	45	35	36	48	50	55	45	42	47	39	32	30	38	46	39	32	28	29	30	32	43	49	42	42.0
	MIN	26	20	19	29	26	23	26	23	13	20	22	29	18	27	33	38	25	17	18	16	19	23	20	17	14	18	10	13	15	11	10	20.6
BEAVERTOWN	MAX	46	48	49	58	51	53	55	50	39	35	35	42	57	57	45	34	35	34	31	32	40	40	37	31	28	25	32	44	42	42	37	41.4
	MIN	25	18	28	31	25	44	29	28	20	22	21	31	29	25	27	31	27	23	22	20	20	13	28	20	8	6	- 2	16	23	34	26	23.2
BELLEFONTE ROCKVIEW FARM	MAX	43	44	37	39	40	55	53	54	40	39	33	34	43	57	48	34	36	35	35	25	32	43	39	31	30	29	27	34	41	45	37	39.1
	MIN	29	18	19	31	32	25	33	31	22	22	18	20	18	37	28	28	29	29	20	20	23	26	28	20	14	13	3	15	26	29	18	23.4
BERWICK	MAX	49	41	46	59	56	55	57	53	39	38	38	48	52	49	41	38	37	35	30	32	38	40	37	30	27	24	29	38	45	48	39	41.5
	MIN	29	20	28	32	26	44	28	29	22	25	22	31	32	37	26	30	28	24	21	22	13	13	28	14	12	9	- 1	11	25	38	23	23.9
BETHLEHEM LEHIGH UNIV	MAX	47	43	44	61	58	56	56	48				50	53	50	32	34	38	34	27	33	36	42	35	29	28	22	29	45	49	51	32	41.5
	MIN	31	25	32	44	31	42	40	40					41	32	26	26	32	26	21	20	23	19	27	18	10	8	4	18	34	32	27	27.0
BLAIRSVILLE 6 ENE	MAX	40	43	47	49	51	47	53	42	33	24	37	54	55	45	41	44	35	28	26	30	42	36	26	24	21	16	30	42	48	45	23	38.0
	MIN	25	24	40	36	34	34	34	21	19	17	15	34	38	35	30	34	23	19	22	18	30	25	18	17	5		9	24	35	22	19	24.4
BRADFORD 4 W RES NO 1	MAX	39	42	49	54	50	49	51	47	32	30	33	44	51	50	35	35	36	29	27	26	37	37	30	25	23	19	26	42	47	45	28	37.7
	MIN	28	14	27	20	23	32	26	26	24	24	18	20	28	27	25	31	26	17	18	18	16	26	20	15	8	-15	- 5	9	33	26	19	20.1
BROOKVILLE AIRPORT	MAX	38	42	50	53	51	48	52	35	34	30	35	49	53	50	34	38	34	29	26	30	46	36	30	27	21	20	30	41	50	44	28	38.2
	MIN	21	17	29	25	25	35	29	20	12	16	13	29	34	32	31	32	28	16	23	19	30	30	23	18	8	0	8	26	35	24	22	22.9
BURGETTSTOWN 3 W	MAX	43	44	48	49	55	54	46	54	38	37	30	50	54	59	46	60	61	40	31	32	40	49	33	32	30	23	25	35	45	52	35	42.9
	MIN	23	17	18	27	26	31	26	26	9	M	M	10	29	29	30	39	26	23	23	21	25	21	22	18	18	- 3	- 3	10	11	32	23	20.1
BURNT CABINS 2 NE	MAX	47	38	42	53	50	54	53	44	39	34			61	56	36	32	38	30	27	37	42	37	32	29	29	29	36	46	45	39	30	40.2
	MIN	19	15	30	26	22	36	24	25	14	15			40	32	28	31	24	22	22	20	23	25	22	12	8	0	- 4	13	31	29	24	21.7
BUTLER	MAX	46	42	49	53	58	57	52	54	38	38	30	50	50	55	46	44	45	31	31	31	43	46	34	30	30	20	29	40	50	51	35	42.2
	MIN	32	17	32	23	27	38	26	29	14	20	13	29	36	35	35	35	30	19	25	26	30	29	25	23	15	2	18	25	36	33	24	25.8
CANTON 1 NW	MAX	39	42	37	47	50	52	48	48	42	37	31	47	41	52	39	33	32	34	34	24	29	39	38	28	18	20	17	29	40	44	42	37.2
	MIN	29	19	19	32	34	37	32	31	18	19	19	21	31	30	21	22	26	17	17	17	16	24	25	8	2	0	2	7	25	32	19	21.0
CARLISLE	MAX	48	45	48	61	55	58	55	50	43	38	39	45	62	60	46	34	40	35	32	34	38	44	40	40	32	20	33	42	41	45	38	43.3
	MIN	21	18	27	41	24	40	25	30	23	23	18	28	34	34	26	27	27	22	20	21	25	13	21	20	13	7	- 3	7	22	34	25	23.0
CHAMBERSBURG	MAX	50	40	43	59	52	56	57	47	39	37	36	42	63	59	41	35	41	35	30	34	44	44	34	33	30	25	33	45	38	43	35	41.9
	MIN	24	22	30	35	28	32	30	31	25	24	17	30	35	39	30	25	27	27	24	21	23	27	22	18	13	9	0	16	24	34	27	24.8
CLARION 3 SW	MAX	41	43	43	56	53	51	54	47	38	30	36	48	48	54	38	40	39	31	29	31	44	36	32	29	23	23	31	42	49	48	30	39.9
	MIN	23	14	30	23	23	33	23	31	11	15	11	22	28	26	29	31	26	13	21	12	25	24	21	12	M	- 3	2	23	31	26	20	20.5
CLAYSVILLE	MAX	45	50	50	56	56	60	52	39	38	34	40	55	61	56	54	62	42	31	30	32	49	37	32	27	23	24	35	47	52	49	30	43.5
	MIN	25	23	41	29	31	39	26	29	13	18	12	39	41	40	40	41	28	21	27	27	31	23	23	19	15	- 1	4	14	33	26	22	25.8
COALPORT	MAX	43	39	42	44	40	48	47	56	38	37	31								51	28	38	43	39	26	30	22	22	32	44	45	42	38.6
	MIN	29	12	12	31	24	25	27	25	13	12	13								16	25	22	26	25	15	16	- 2	0	6	23	25	20	18.3
COATESVILLE 1 SW	MAX	47	51	45	50	60	59	58	60	50	40	40	41	51	60	52	34	38	44	35	28	33	42	45	37	32	30	23	35	47	52	50	44.2
	MIN	23	19	20	37	29	30	25	26	26	25	22	24	34	35	30	29	33	28	25	24	14	22	22	22	13	11	2	7	16	36	26	23.7
COLUMBIA	MAX	51	45	45	62	56	57	58	51	46	40	40	50	60	35	45	35	44	41	30	39	47	47	40	35	33	24	35	45	42	52	39	44.2
	MIN	28	22	34	33	30	46	28	35	26	26	24	30	36	39	30	32	35	27	25	23	25	22	29	23	17	11	5	13	26	39	27	27.3
CONFLUENCE 1 SW	MAX	45	47	41	40	53	49	47	55	37	38	28	45	55	60	51	38	43	41	35	32	37	47	38	30	27	22	22	34	45	45	34	40.7
	MIN	25	21	22	36	30	31	25	26	17	18	11	12	34	44	36	36	33	25	26	25	25	32	23	20	18	M	- 2	0	14	33	24	23.5
CORRY	MAX	40	44	52	55	52	50	49	43	32	30	33	46	49	51	35	41	36	28	28	31	38	36	32	27	19	18	28	39	47	46	26	38.1
	MIN	30	20	32	24	28	34	33	26	26	26	20	33	34	30	28	34	27	21	23	21	28	30	22	19	9	- 2	10	21	34	24	20	24.7
COUDERSPORT	MAX	39	39	48	38	49	42	52	49	36	30	34	40	52	51	41	36	36	33	29	32	39	38	36	28	26	22	27	41	45	45	29	38.1
	MIN	28	13	27	29	21	32	28	25	29	19	20	27	25	27	24	31	27	22	16	19	24	30	21	16	12	- 6	- 2	13	28	25	18	21.5
CURWENSVILLE 6 NW AIRPORT	MAX	39	34	44	51	45	44	52	35	34	27	29	45	50	49	31	33	32	28	21	28	37	34	25	27	17	18	26	38	43	42	23	34.9
	MIN	20	19	34	34	30	31	27	15	12	17	11	24	35	28	24	28	22	13	19	17	25	25	18	13	- 1	- 2	4	23	29	19	18	20.4
DERRY	MAX	44	50	49	50	58	53	54	43	36	32	40	57	60	55	47	55	44	32	32	31	40	40	32	30	27	21	35	50	55	53	32	43.1
	MIN	30	20	36	39	27	39	29	33	17	22	15	37	38	39	36	43	31	25	27	24	29	23	20	21	13	6	11	21	40	32	23	27.2
DONEGAL	MAX	41	45	45	48	53	47	53	36	33	23	36	52	56	50	42	50	37	28	28	29	42	36	26	24	19	18	29	42	49	40	24	38.1
	MIN	22	14	35	22	21	33	24	18	10	10	5	30	36	34	30	33	23	21	22	18	25	23	16	11	6	- 3	0	13	36	20	18	20.2
DONORA	MAX	49	48	53	53	57	59	49	56	40	36	34	58	59	66	50	65	65	43	35	35	46	51	37	35	32	27	28	40	51	54	37	46.7
	MIN	37	39	45	38	35	41	33	36	26	24	22	34	42	44	41	52	32	30	32	33	32	28	27	24	23	11	18	26	36	34	25	31.9
EAGLES MERE	MAX	34	38	38	42	50	49	45	41	40	33	31	28	38	46	38	32	35	31	27	22	26	31	34	28	21	20	25	25	35	43	41	34.1
	MIN	28	22	25	36	33	32	28	31	17	18	17	19	28	30	20	22	29	16	17	16	16	22	23	7	7	- 1	1	5	23	32	17	20.5
EAST WATERFORD 3 E	MAX	42	34	46	50	48	49	50	43	31	28	32	45	58	51	38	32	32	26	22	27	39	38	29	25	21	18	31	42	41	45	30	36.9
	MIN	31	25	32	39	38	37	35	31	21	23	17	26	37	38	24	28	26	18	18	18	21	29	22	17	8	1	11	25	28	30	20	25.0
EBENSBURG	MAX	40	38	40	43	46	46	44	54	34	34	26	46	49	54	46	32	36	30	27	25	36	41	32	25	23	18	22	33	43	44	30	36.7
	MIN	28	19	28	31	31	41	28	29	15	19	13	25	38	35	28	29	27	17	17	17	22	25	20	14	13	- 1	2	20	31	29	18	22.8
EMPORIUM	MAX	44	32	40	45	56	51	40	56	38	38	34	38	42	56	43	35	37	32	31	25	32	41	37	31	28	19	23	47	45	41	35	38.5
	MIN	28	15	16	29	28	30	28	26	15	14	20	27	29	28	28	28	31	20	23	20	21	32	25	20	13	- 2	- 5	- 2	31	34	22	21.7
EPHRATA	MAX	52	44	46	66	60	59	58	50	42	41	38	47	60	55	45	35	38	38	30	39	42	44	39	36	32	28	32	45	45	57	45	44.8
	MIN	27	24	34	42	36	45	32	39	28	26	22	30	38	40	30	31	29	25	25	22	19	24	28	23	13	9	4	15	34	44	25	27.8
ERIE WB CITY	MAX	40	48	54	56	57	52	48	41	34	34	40	48	50	42	39	48	37	32	31	35	42	40	32	29	27	23	33	42	51	38	33	40.5
	MIN	33	28	41	37	42	36	38	29	30	27	26	40	38	31	31	36	26	27	27	28	34	32	25	24	14	14	18	30	38	24	24	29.9
EVERETT	MAX	48	50	42	55	50	54	56	44	36	35	34	55	64	60	42	36	44	33	30	33	48	43	32	30	27	23	39	46	41	42	32	42.1
	MIN	11	17	22	19	24	34	24	26	8	22	15	30	40	36	31	22	29	25	25	23	23	29	14	17	9	1	- 3	21	26	17	20	21.2

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FARRELL SHARON	MAX	38	45	54	52	54	54	52	47	37	33	34	47	52	50	39	47	41	30	29	31	47	42	33	27	24	21	31	39	48	48	32	40.6
	MIN	24	22	37	30	32	38	35	29	20	23	18	34	33	34	38	32	30	23	28	28	30	30	26	24	9	1	11	25	38	25	25	26.8
FORD CITY 4 S	MAX	46	44	43	50	52	55	46	54	38	38	31	50	54	57	45	41	44	34	31	30	36	48	36	31	29	25	23	34	44	52	36	41.2
	MIN	29	19	18	29	25	25	28	30	13	13	11	11	28	28	33	33	30	17	22	19	23	27	24	18	19	2	2	11	22	32	22	21.4
FRANKLIN	MAX	45	39	44	55	57	57	44	52	36	36	31	41	49	55	46	39	43	32	33	30	37	45	36	29	31	20	25	32	42	50	36	40.2
	MIN	33	18	19	28	27	28	31	31	22	20	18	19	34	32	33	33	30	18	19	24	27	32	25	19	19	4	4	14	29	34	23	24.1
FREDERICKSVILLE 1 SE	MAX	48	44	44	59	57	55	54	50	44	47	38	46	55	54	42	34	34	28	32	28	36	40	34	42	30	22	29	44	43	52	42	42.2
	MIN	26	21	29	42	26	26	32	34	24	25	20	28	36	37	26	28	23	21	17	20	11	10	24	19	8	10	- 2	14	26	42	24	23.5
FREELAND	MAX	37	37	47	53	51	49	49	45	32	31	42	48	50	48	34	34	32	22	24	28	36	32	24	20	18	25	39	41	56	45	35	37.5
	MIN	29	32	30	37	35	38	33	20	22	18	26	35	28	22	25	27	17	16	16	16	27	21	12	6	2	5	20	25	31	26	15	23.0
GEORGE SCHOOL	MAX	52	45	45	60	57	58	59	59	41	42	40	50	59	51	40	35	44	37	27	32	39	44	38	30	26	22	32	46	48	52	47	43.8
	MIN	26	25	29	40	32	41	26	39	24	26	21	29	40	35	25	26	29	23	22	21	8	13	24	18	6	4	- 7	8	22	45	26	24.1
GETTYSBURG	MAX	45	52	41	50	59	54	57	58	49	39	37	36	45	65	55	33	38	42	35	30	35	45	44	37	32	31	26	35	47	46	44	43.3
	MIN	24	24	30	37	30	38	34	38	29	28	21	26	34	40	30	30	31	28	25	25	26	29	26	24	21	9	3	9	22	36	29	27.0
GORDON	MAX	46	44	50	55	53	52	48	48	40	35	35	45	54	40	35	36	35	32	31	29	37	39	37	28	27	17	28	29	41	42	37	38.9
	MIN	24	15	27	38	24	40	23	27	18	19	17	29	31	31	25	27	28	23	20	20	14	11	25	15	1	7	- 9	9	21	37	23	21.3
GREENSBURG 2 S FILTER STA	MAX	45	51	51	50	59	57	53	39	34	29	40	56	61	55	47	62	46	32	32	32	48	42	33	29	25	24	35	49	54	51	33	43.7
	MIN	23	16	31	31	25	40	23	25	14	18	6	30	35	34	35	44	31	25	28	25	30	22	26	17	15	2	3	11	24	32	25	24.1
GREENVILLE	MAX	40	44	51	55	54	54	53	43	36	29	33	47	51	53	37	45	40	31	30	32	45	39	32	27	23	23	31	40	48	44	30	40.6
	MIN	30	17	32	25	30	35	30	27	21	18	14	31	33	31	33	36	27	17	25	24	30	30	24	21	13	- 2	8	21	35	26	23	24.7
HANOVER	MAX	52	44	47	58	59	57	60	50	40	37	40	49	64	56	47	37	41	35	35	36	47	45	37	35	33	23	36	51	51	46	45	44.9
	MIN	27	24	26	38	31	38	32	34	27	24	21	22	33	39	31	31	29	27	23	23	23	29	25	21	21	8	10	15	22	40	29	26.5
HARRISBURG 3 S WB AIRPORT	MAX	49	42	45	57	53	56	59	48	39	37	37	47	63	59	36	36	39	34	30	33	37	41	34	31	29	22	32	44	45	46	34	41.7
	MIN	26	24	34	39	32	39	31	35	29	27	24	33	33	36	30	32	32	28	23	25	22	19	28	21	14	8	5	15	28	32	27	26.8
HAWLEY	MAX	49	46	45	59	58	52	55	48	39	37	36	48	52	50	28	33	37	33	24	29	35	40	35	25	23	18	30	20	48	48	35	39.2
	MIN	28	17	27	29	21	39	30	28	17	22	19	28	29	26	22	25	29	17	10	9	3	11	24	3	- 2	- 4	-12	1	12	34	20	18.1
HEWITT 2 S	MAX		50	49	52	59	58	58	46	44	38	45	45		65	61	50	45	46	44	42	53	50	39	42	41	50		51	44	39	35	47.9
	MIN		29	30	39	21	19	20	20	19	18	20	25		35	40	43	30	27	25	35	20	29	28					26	22	35	27	27.3
HOLTWOOD	MAX	52	43	46	55	55	57	56	50	39	38	37	50	63	51	38	37	43	35	32	33	45	43	36	32	31	23	39	49	48	50	35	43.3
	MIN	31	28	37	40	36	36	32	37	32	31	28	34	37	38	33	35	34	30	28	26	28	28	30	23	17	10	10	21	27	34	28	29.6
HUNTINGDON	MAX	47	48	38	42	56	51	54	55	44	41	35	35	45	69	51	38	40	43	33	30	35	49	42	34	33	29	25	39	49	49	44	42.7
	MIN	22	19	20	29	28	26	28	26	18	17	11	16	29	35	31	31	30	25	25	25	25	27	30	22	21	8	2	6	20	34	28	23.0
INDIANA 2 SE	MAX	43	44	50	48	52	53	59	39	38	30	40	55	55	54	43	44	42	33	32	32	45	35	32	28	24	20	33	45	52	48	35	41.4
	MIN	27	18	30	34	25	35	22	26	12	15	8	32	31	35	32	38	27	19	25	16	28	26	25	15	12	- 2	- 1	15	31	32	26	23.0
INDIANA	MAX	42	44	48	49	53	53	52	48	37	33	39	54	56	54	43	43	42	31	32	30	44	42	32	28	25	19	32	44	52	49	33	41.4
	MIN	32	25	38	35	34	41	30	31	18	20	15	33	34	38	33	37	28	19	24	19	28	28	24	19	13	2	8	21	37	32	22	26.4
JAMESTOWN 2 NW	MAX	45	37	44	56	57	56	44	52	35	38	31	43	48	54	40	41	46	32	31	30	38	44	36	28	28	24	24	33	43	49	35	40.0
	MIN	31	16	22	22	24	34	29	25	23	18	15	19	29	30	31	33	25	19	19	23	24	30	22	18	17	1	5	13	22	28	22	22.2
JOHNSTOWN 1	MAX	49	46	42	47	55	51	50	60	40	39	30	42	56	64	53	38	43	40	32	31	40	50	35	31	30	24	25	37	48	45	37	42.3
	MIN	30	22	24	40	30	32	32	32	21	22	18	20	38	44	34	34	34	25	25	25	25	32	27	23	21	8	4	20	25	35	25	26.7
KANE 1 NW	MAX	39	40	50	53	49	45	50	38	34	29	33	45	51	45	33	34	33	35	31	29	29	34	28	26	18	19	26	46	45	38	25	36.5
	MIN	20	13	26	20	22	31	26	25	16	21	15	23	27	26	27	27	22	14	19	16	22	27	19	6	- 4	-16	0	10	32	20	20	18.5
LANCASTER 2 NE PUMP STA	MAX	51	44	45	61	55	58	57	51	43	39	38	50	60	53	41	38	41	35	32	34	43	44	39	32	32	24	34	42	42	50	40	43.5
	MIN	23	20	30	42	26	45	25	31	24	22	20	26	31	34	29	31	29	25	24	20	17	15	26	21	12	8	0	9	19	35	25	24.0
LANCASTER 3 NE EXP FARM	MAX	45	50	43	49	60	55	59	68	49	38	38	37	50	60	52	42	37	40	34	25	33	42	42	36	31	30	25	32	41	52	52	43.5
	MIN	25	23	25	38	30	34	29	33	29	27	23	25	32	33	31	29	31	27	24	22	17	18	25	22	12	8	2	6	9	37	26	24.3
LAWRENCEVILLE	MAX	44	42	46	48	54	53	56	42	38	33	35	42	55	46	30	39	37	33	27	34	39	41	35	26	20	26	32	45	44	42	29	39.1
	MIN	30	21	29	25	20	33	29	25	27	22	18	30	25	28	23	28	20	20	19	15	10	21	23	13	5	3	- 4	8	29	28	22	20.8
LEBANON	MAX	50	42	49	60	56	57	58	50	38	38	38	45	60	50	42	36	38	35	28	35	40	44	36	32	29	21	32	46	50	48	32	42.4
	MIN	25	23	23	36	29	30	29	32	28	25	21	23	34	34	29	29	30	25	23	23	19	13	14	22	11	9	1	4	12	37	25	23.2
LEWISTOWN	MAX	45	50	40	41	58	52	55	57	45	41	35	36	40	64	53	35	35	39	34	29	35	45	43	36	33	31	27	39	47	44	44	42.2
	MIN	28	21	21	31	27	29	31	29	24	23	21	21	30	31	30	29	27	26	25	24	25	23	32	26	20	8	5	5	22	34	27	24.4
LOCK HAVEN 1	MAX	44	48	34	43	57	52	52	55	44	40	35	39	43	57	52	34	35	35	34	26	35	41	42	37	34	27	25	36	46	38	38	40.6
	MIN	28	20	21	31	30	30	30	28	20	20	23	23	30	30	26	27	28	23	22	22	23	18	30	20	14	6	3	6	28	34	24	23.7
MARCUS HOOK	MAX	51	58	49	55	63	59	64	61	57	45	45	45	54	67	59	39	43	53	43	31	35	46	51	42	39	33	29	38	44	55	54	48.6
	MIN	35	32	38	43	44	47	39	42	34	32	25	32	36	45	32	31	38	32	28	28	26	32	33	27	22	15	16	20	25	39	31	32.2
MARTINSBURG BLAIR CO AP	MAX	42	37	39	52	49	49	54	39	37	30	31	52	60	56	39	34	36	30	26	29	45	41	30	26	22	21	33	44	45	41	28	38.6
	MIN	25	18	30	31	28	37	33	26	19	20	16	30	39	37	29	32	27	22	22	18	25	29	22	16	7	4	5	23	32	25	22	24.3
MAUCH CHUNK 1 SW	MAX	44	39	44	54	51			42	42	37	37	41	47	46	38	34	36	36		30	34	38		25	27	18	28	33	36	42	42	37.8
	MIN	24	18	27	39	25			25	21	21	22	27	31	30	28	27	29	19		19	10	10		15	7	8	-11	4	14	34	25	20.3
MEADVILLE 1 S	MAX	45	37	43	57	58	54	43	53	35	36	34	42	47	53	42	39	42	30	30	30	32	42	33	27	30	18	23	31	40	49	34	39.0
	MIN	30	17	21	26	28	35	28	28	25	19	16	20	35	31	32	35	26	17	17	26	26	31	23	20	18	0	1	14	25	33	22	23.4
MERCER HIGHWAY SHED	MAX	42	44	56	56	53	53	51	48	40	32	33	48	52	54	41	45	39	29	29	30	45	39	31	28	23	21	31	38	44	46	30	40.5
	MIN	29	20	35	23	33	34	30	28	16	25	11	31	33	30	33	35	26	16	24	23	23	27	22	18	12	4	5	22	34	26	20	24.1
MIDDLETOWN OLMSTED FIELD	MAX	50	43	44	59	56	56	58	49	39	37	35	49	61	57	36	36	39	35	31	35	42	42	35	32	30	23	33	45	42	44	34	42.2
	MIN	28	23	32	37	29	44	31	32	29	28	25	31	33	37	31	31	30	27	22	26	21	18	28	18	14	11	5	9	26	35	28	26.4
MIDLAND DAM NO 7 LOWER	MAX	40	44	52	49	55	55	53	42	35	31	38	52	56	54	43	52	35	32	33	35	48	34	36	30	26	24	35	44	52	40	34	41.6
	MIN	27	26	38	32	36	37	32	26	19	22	18	33	34	33	37	36	30	26	29	32	36	30	30	23	15	11	13	20	38	26	23	28.0
MONTROSE 3 E HIGHWAY SHED	MAX	39	41	39	46	51	53	51	49	41	34	32	32	40	48	35	30	35	35	26	21	26	35	37	30	20	20	12	25	33	45		35.4
	MIN	25	20	20	30	30	32	28	28	21	21	20	21	27	29	18	21	28	17	14	15	14	20	23	9	5	0	- 2	2	19	32		19.6
NEFFS MILLS 4 NE	MAX	44	46	39	41	57	50	52	57	41	40	32	40	47	60	50	33	35	35	31	27	34	42	40	33	31	30	25	37	45	40	37	40.4
	MIN	24	13	19	28	20	28	24	23	15	15	13	16	28	32	28	28	27	21	22	23	22	25	28	20	11	4	- 7	- 2	18	34	25	20.2
NEWBURG 3 W	MAX	42	30	36	48	44	50	49	42	38	33	32	45	54	50	26	24	32	24	26	38	38	48	38	36	30	25	34	38	40	43	25	37.1
	MIN	18	14	22	30	22	34	29	27	20	21	15	22	30	26	20	20	20	16	16	22	22	28	22	18	4	10	4	8	20	25	18	20.0
NEW CASTLE 1 N PUMP STA	MAX	40	45	56	55	55	54	55	38	39	31	39	48	56	54	42	48	32	30	33	34	47	39	31	29	24	26	33	42	51	42	33	41.3
	MIN	22	19	31	26	27	35	32	22	15	17	14	34	30	29	35	29	27	17	26	27	32	28	23	21	10	- 2	11	23	35	25	23	24.0
NEWELL	MAX	48	47	48	50	55	57	48	54	40	37	33	55	56	63	50	57	57	42	34	30	44	47	34	31	28	24	24	37	47	51	35	44.0
	MIN	28	24	41	34	30	46	29	32	20	24	19	34	39	45	41	44	33	27	30	26	30	27	24	22	21	6	9	17	30	34	25	28.7

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5—Continued

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	°F
NEWPORT	MAX	46	50	44	44	59	54	56	57	47	40	37	37	42	62	53	34	35	40	35	28	39	40	43	37		30	26	36	46	42	41	42.4
	MIN	22	17	19	29	22	28	25	24	18	17	17	16	25	26	27	26	23	22	21	20	23	10	18	32	9	5	- 3	- 2	6	30	23	18.9
PALMERTON	MAX	49	42	45	61	56	55	54	49	39	38	36	45	56	48	32	33	38	33	27	33	34	42	36	31	28	21	29	35	49	44	32	40.3
	MIN	27	21	29	34	27	35	28	33	24	27	22	31	36	32	27	28	30	23	21	13	13	13	26	9	9	6	5	9	23	42	27	22.7
PARK PLACE 1 NW WB AIRPORT	MAX	43	35	46	51	50	50	50	44	37	30	31	42	51	51	32	33	34	27	23	25	32	37	31	22	24	13	24	39	42	47	35	36.5
	MIN	28	22	30	38	36	37	32	32	20	20	17	24	36	30	21	22	26	17	16	17	17	24	20	12	7	1	5	16	25	32	18	22.5
PHILADELPHIA DREXEL INST	MAX	53	46	48	61	58	60	60	53	42	41	42	53	61	53	38	39	46	36	30	32	44	46	38	31	29	23	36	46	55	54	38	44.9
	MIN	34	33	42	45	40	46	41	41	33	31	30	35	48	38	31	34	35	30	25	27	37	34	30	25	13	13	15	27	36	38	29	32.8
PHILADELPHIA FRANKLIN INST	MAX	53	47	52	63		61	62	53	49	41	49		62	51	48	44	47	44		32	43	47	41		32			37	47	55	55	48.6
	MIN	36	32	36	46	40		41	47	32	30	28	32		45	31	30	37	30	26		25	32	32	25		12		34	32	44	29	33.2
PHILADELPHIA WB AIRPORT	MAX	52	47	50	61	58	60	59	59	42	30	41	54	61	52	36	41	47	37	31	33	45	45	37	30	30	24	36	40	55	55	40	44.8
	MIN	32	29	37	44	38	42	33	33	32	36	26	33	40	36	31	35	33	30	26	20	19	25	30	22	13	13	12	19	31	40	29	29.6
PHILADELPHIA POINT BREEZE	MAX	52	47	50	63	60	61	62	52	41	41	41	55	64	53	39	40	46	36	30	33	46	47	38	31	30	22	37	51	58	59	43	46.1
	MIN	30	33	41	49	42	46	42	40	34	30	26	34	44	37	30	30	34	30	25	26	24	35	30	26	13	13	13	26	38	43	30	32.1
PHILADELPHIA SHAWMONT	MAX	52	45	46	61	54	60	57	52	45	50	49	53	60	52	42	42	45	37	31	31	42	42	40	33	30	25	34	45	50	53	33	44.9
	MIN	30	25	33	31	48	45	30	45	27	37	24	47	36	38	30	30	35	26	26	29	15	23	30	25	14	13	5	16	26	27	30	28.9
PHILADELPHIA WB CITY	MAX	52	46	49	61	58	60	60	53	42	41	40	53	61	53	38	41	46	37	31	32	44	47	38	31	30	24	35	47	56	56	39	45.2
	MIN	36	34	42	48	42	47	44	39	34	32	30	36	48	38	31	35	36	31	27	28	27	37	30	26	13	13	17	29	33	39	30	33.3
PHILLIPSBURG 7 E AIRPORT	MAX	38	36	42	48	45	46	49	39	34	27	30	46	53	52	30	34	38	25	22	26	40	35	28	24	19	16	30	38	37	43	25	35.3
	MIN	19	8	29	27	20	35	26	21	12	13	11	26	36	28	25	29	21	16	18	18	24	27	19	9	1	- 3	4	25	30	21	18	19.8
PHOENIXVILLE 1 E PUMP STA	MAX	53	46	45	64	60	60	60	53	47	42	42	53	62	53	46	35	44	38		34	42	45	40	32	31	33	36	49	50	54	47	46.5
	MIN	24	19	29	43	25	40	24	32	22	24	19	26	32	34	30	31	33	27		25	6	29	31	21	13	7	- 1	9	18	46	28	24.9
PITTSBURGH 7 SE WB AP	MAX	44	48	49	54	55	53	53	42	34	28	39	55	62	54	52	60	38	30	29	33	47	38	30	28	24	23	33	43	51	42	30	42.0
	MIN	30	24	43	37	35	37	35	27	25	22	19	39	41	39	37	37	27	23	27	26	32	28	25	22	11	8	11	24	39	25	23	28.3
PITTSBURGH WB CITY	MAX	46	51	51	49	58	56	55	41	38	31	44	58	62	56	45	51	41	32	33	35	50	41	33	30	25	25	36	45	53	43	33	43.5
	MIN	32	27	43	35	33	42	40	30	25	25	23	44	41	42	39	41	30	26	30	28	35	31	27	25	13	12	15	28	42	26	26	30.8
PORT CLINTON	MAX	42	45	42	53	59	55	55	50	51	39	37	35	47	54	47	34	36	37	33	27	31	35	41	34	29	22	20	28	41	42	42	40.1
	MIN	27	20	22	33	26	28	26	29	24	22	21	22	30	32	28	28	31	25	22	22	16	11	12	20	7	10	5	3	12	28	17	21.3
PUTNEYVILLE 2 SE	MAX	43	42	42	50	48	52	45	52	36	35	30	48	48	54	43	38	40	31	31	28	33	45	36	29	29	22	21	31	41	50	35	39.0
	MIN	28	12	21	23	21	23	21	22	9	8	8	8	25	28	26	25	24	11	12	13	21	22	19	13	13	- 6	0	7	17	27	16	16.7
QUAKERTOWN	MAX	49	44	43	59	58	55	55	50	43	39	38	48	55	50	40	36	41	34	28	31	38	42	36	31	26	19	28	40	45	52	46	41.9
	MIN	27	20	28	42	26	45	28	31	25	26	20	29	34	34	27	29	33	25	22	22	10	10	28	19	5	5	- 8	6	18	40	27	23.6
READING WB CITY	MAX	51	45	50	64	57	58	59	50	40	40	39	50	59	51	35	37	39	35	30	33	41	43	36	32	29	23	32	45	55	54	36	43.5
	MIN	28	27	35	43	33	43	38	35	31	29	26	35	38	36	30	33	34	28	25	23	24	19	28	20	12	13	8	18	33	36	28	28.7
RETREAT FARMS	MAX	49	42	45	45	54	53	54	46	39	39	36	47	50	47	35	35	37	39	33	31	38	40	38	29	26	22	28	38	42	48	37	40.1
	MIN	29	20	28	32	25	37	28	28	20	24	19	31	34	31	25	24	27	28	28	20	14	18	27	13	13	7	- 2	24	28	35	23	23.8
RIDGWAY	MAX	45	42	43	50	59	51	48	55	38	39	33	44	46	54	45	35	36	32	30	26	34	41	36	31	28	22	25	31	43	49	34	39.5
	MIN	33	12	12	25	25	25	27	25	17	16	18	17	30	27	26	30	30	15	23	19	18	31	24	20	11	- 9	-10	11	29	33	22	20.4
SCRANTON WB CITY	MAX	45	43	49	56	56	53	55	45	37	35	36	47	51	48	30	38	39	29	28	28	40	40	34	24	25	16	27	36	48	47	29	39.2
	MIN	33	25	35	37	30	37	35	32	26	28	25	33	35	28	26	30	29	22	20	16	16	30	26	15	8	7	3	14	34	29	21	25.3
SHIPPENSBURG	MAX	50	40	42	60	50	56	57	47	42	35	36	41	63	60	45	33	41	37	32	36	41	43	38	32	30	26	35	47	37	42	37	42.3
	MIN	24	22	30	38	29	41	30	34	25	26	20	29	39	45	31	30	31	26	24	24	23	33	27	22	16	9	4	19	23	34	28	27.0
SOMERSET WATER WORKS	MAX	43	43	42	52	49	46	54	38	38	28	37	52	60	55	40	40	40	32	29	28	44	40	29	23	20	21	32	48	48	45	30	39.5
	MIN	20	14	32	31	22	36	22	24	12	16	5	27	41	38	31	32	29	23	23	18	25	23	18	14	9	1	- 3	9	32	30	20	22.0
SPRINGS 1 SW	MAX	42	40	47	50	48	47	50	40	34	24	38	52	59	52	40	47	39	30	30	27	43	39	28	22	19	18	29	45	44	43	25	38.4
	MIN	24	18	33	30	25	35	24	27	16	16	5	25	44	34	30	33	25	20	22	20	25	26	20	11	7	1	- 2	13	24	24	18	21.7
STATE COLLEGE	MAX	43	37	39	54	50	51	53	41	38	32	33	49	58	56	32	34	35	30	26	31	43	41	31	29	24	21	33	41	44	42	29	38.7
	MIN	28	22	32	33	29	40	35	28	23	22	20	32	41	31	28	31	29	22	22	23	27	31	24	19	8	5	10	27	34	29	24	26.1
STROUDSBURG SUBSTATION	MAX	45	51	45	45	63	58	55	56	51	41	40	39	44	57	49	32	35	39	36	28	34	34	45	39	32	28	24	32	36	49	40	42.0
	MIN	31	20	20	34	26	29	31	31	21	21	23	24	32	32	27	28	28	26	22	17	19	13	14	17	12	9	2	3	7	33	26	21.5
SUNBURY 2 N AIRPORT	MAX	47	39	42	58	51	55	55	45	39	36	35	45	57	48	32	34	36	34	26	34	38	42	35	30	28	22	28	39	38	40	30	39.3
	MIN	27	22	29	32	27	37	30	31	22	24	23	33	31	32	28	32	29	24	24	24	22	21	26	14	12	7	5	18	27	29	25	24.7
TAMARACK 2 S FIRE TOWER	MAX	38	40	33	44	54	45	43	50	37	34	28	31	42	52	41	30	32	26	27	26	26	35	35	26	23	20	16	28	38	42	36	34.8
	MIN	28	20	20	31	34	35	29	30	16	14	17	16	28	30	21	21	26	15	17	16	17	25	20	15	10	- 4	- 4	6	25	30	17	20.0
TIONESTA 2 SE DAM	MAX	44	39	43	50	58	53	45	52	45	36	32	35	48	55	45	37	41	31	31	28	35	43	35	28	39	21	23	30	47	35	35	39.3
	MIN	31	15	16	26	24	25	27	27	23	17	15	18	32	28	29	30	27	15	18	18	22	30	22	20	15	- 1	- 1	1	23	22	22	20.5
TITUSVILLE 2 S	MAX	38	42	54	55	52	49	51	44	37	28	32	46	49	50	36	40	38	27	27	31	39	33	36	32	28	23	28	39	46	45	26	38.7
	MIN	29	17	31	23	32	32	29	26	22	20	16	29	32	30	29	32	27	14	23	20	26	29	21	19	8	- 3	6	23	33	25	20	23.2
TOWANDA	MAX	46	44	48	56	55	53	57	47	42	35	37	45	58	52	30	37	38	33	27	33	40	42	36	30	24	21	33	35	45	46	29	40.5
	MIN	31	18	32	30	24	39	31	25	22	24	18	31	26	29	23	28	27	22	17	13	8	21	26	12	6	6	- 3	8	28	28	22	21.7
TUNKHANNOCK 1 S	MAX	41	46	44	47	56	58	55	57	48	39	35	39	48	57	42	34	39	39	31	25	32	41	42	33	27	23	17	30	42	50	44	40.7
	MIN	31	15	22	29	21	25	25	24	15	21	17	22	26	29	21	23	27	19	14	18	9	25	26	14	6	4	- 6	1	8	38	20	19.0
UNIONTOWN	MAX	51	53	51	56	65	62	57	43	38	30	47	57	62	55	60	62	43	35	35	35	51	41	35	30	26	24	36	50	55	49	30	45.9
	MIN	31	22	43	35	30	38	31	29	20	24	19	46	47	42	40	43	29	26	29	29	35	30	25	22	13	8	13	20	43	28	24	29.5
WARREN	MAX	41	46	52	55	58	50	54	37	40	33	35	44	55	53	36	39	39	30	30	32	40	36	32	30	21	26	29	44	49	41	27	39.8
	MIN	29	18	30	25	25	33	30	26	24	16	20	30	29	28	29	34	27	19	21	18	27	30	21	15	7	- 2	4	19	33	23	21	22.9
WAYNESBURG 1 E	MAX	44	50	51	56	57	62	53	43	39	30	44	58	63	57	62	64	47	37	33	34	50	44	34	30	26	25	36	47	53	52	31	45.5
	MIN	21	15	31	28	26	40	23	25	13	18	10	28	40	41	37	44	29	24	26	25	29	23	24	19	15	2	3	10	26	28	22	24.0
WELLSBORO	MAX	41	46	41	50	51	53	50	55	43	39	33	35	40	55	42	35	36	35	31	22	33	39	39	30	29	21	23	29	44	42	38	38.7
	MIN	22	14	14	27	22	22	31	24	20	18	21	23	27	29	22	23	25	20	17	18	13	21	25	10	12	2	0	11	26	34	19	19.7
WELLSVILLE	MAX	50	41	46	58	54	57	58	48	42	36	36	46	61	53	43	35	38	34	29	36	42	42	35	32	30	22	33	44	42	45	39	42.2
	MIN	25	18	30	43	25	45	25	30	28	22	18	28	30	34	30	31	27	24	24	22	21	16	21	16	12	7	- 3	8	20	36	28	23.9
WEST CHESTER	MAX	51	46	47	61	59	58	58	50	39	40	39	51	61	51	35	37	44	35	29	33	43	45	37	31	29	23	37	48	51	52	38	43.8
	MIN	27	27	36	45	36	40	33	36	29	29	24	29	42	35	29	32	30	27	24	20	20	29	28	21	13	10	8	20	31	38	26	28.2
WILLIAMSPORT 4 E WB AP	MAX	46	39	44	57	51	54	52	44	39	35	35	41	49	46	32	36	36	33	26	33	37	41	33	30	23	22	25	40	43	40	28	38.4
	MIN	27	20	30	29	27	38	29	28	23	26	25	37	34	30	26	31	29	23	22	18	18	12	25	16	10	4	0	10	32	28	23	23.5
WILLIAMSTOWN	MAX	48	42	50	57	55	51	55	49	40	35	36	45	59	51	42	34	36	34	29	32	40	42	37	30	27	21	32	46	46	50	38	41.6
	MIN	26	17	29	41	26	45	26	28	24	20	19	30	31	37	27	30	30	24	21	23	18	18	29	20	8	8	- 3	11	21	38	23	24.0
YORK 3 SW PUMPING STA	MAX	53	45	45	61	60	58	61	53	44	38	40	51	64	56	44	36	40	40	35	38	46	45	42	33	32	25	36	50	43	52	40	45.4
	MIN	25	21	33	42	28	45	28	33	26	22	20	31	34	39	31	33	28	27	25	21	20	22	25	23	17	10	0	14	24	39	29	26.3

See reference notes following Station Index

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DELAYED DATA																																	
MAY 1948																																	
SCRANTON WB CITY	MAX	61	71	59	69	56	71	53	48	74	80	91	79	61	53	64	57	71	57	57	61	75	57	74	71	72	76	79	79	71	74	74	68.2
	MIN	40	35	46	40	48	42	46	41	40	59	59	61	51	47	48	52	53	49	43	43	45	43	44	54	54	48	51	65	65	60	54	49.2
JULY 1948																																	
SCRANTON WB CITY	MAX	78	76	76	85	90	80	72	80	84	85	88	91	80	80	83	82	76	83	83	86	86	86	77	78	78	79	86	84	85	90	84	82.3
	MIN	61	58	61	59	62	62	55	52	54	60	60	66	69	66	60	59	65	65	61	59	66	69	65	60	55	58	72	68	61	61	71	61.9
AUGUST 1948																																	
COUDERSPORT	MAX	80	80	81	79	74	72	76	76	77	75	75	81	78	75	80	80	81	78	78	78	83	80	86	88	93	95	96	94	86	80	78	81.1
	MIN	51	56	46	50	50	46	39	41	44	42	44	51	56	51	45	48	49	49	55	51	54	56	52	53	56	58	57	59	59	51	51	50.6
SEPTEMBER 1948																																	
AVOCA WILKES-BARRE AP	MAX	72	77	81	81	86	83	78	79	86	64	74	84	90	74	70	70	77	87	79	76	63	60	61	55	68	74	78	81	81	65		75.1
	MIN	47	48	61	61	61	63	65	65	64	57	53	54	61	53	45	51	50	62	64	63	47	37	39	49	46	41	42	45	48	57		53.3
BURGETTSTOWN 3 W	MAX	76	75	82	86	87	86	78	80	85	79	76	76	87	88	76	76	79	88	86	80	79	62	63	65	58	63	72	75	74	71		77.0
	MIN	36	39	43	50	55	55	59	60	62	54	42	42	51	47	42	48	46	50	62	62	59	43	36	40	43	32	33	36	42	55		47.5
BUTLER	MAX	77	79	85	87	90	86	79	80	86	79	78	80	88	90	79	79	82	90	85	83	80	58	65	66	58	73	74	77	80	72		78.8
	MIN	38	41	49	54	60	62	60	58	66	54	45	55	57	53	43	46	49	59	64	64	56	38	35	50	46	34	38	37	40	58		50.3
PHILADELPHIA DREXEL INST	MAX	77	78	82	80	83	85	83	85	88	75	81	85	90	83	76	72	78	88	84	83	72	70	69	63	67	74	78	80	83	71		78.8
	MIN	56	60	63	64	68	64	66	68	72	62	59	62	67	71	57	58	55	63	67	67	61	48	48	51	49	48	50	55	58	64		60.0
OCTOBER 1948																																	
PHILADELPHIA DREXEL INST	MAX	77	78	68	60	55	64	68	65	65	73	66	69	65	57	64	66	76	51	53	55	53	55	59	54	60	70	70	65	72	68	61	63.9
	MIN	61	62	57	43	51	49	54	56	49	52	60	56	49	47	48	46	53	38	34	42	36	37	46	48	50	46	49	45	48	45	44	48.4
NOVEMBER 1948																																	
BETHLEHEM LEHIGH UNIV	MAX	70	54	54	68	65	78	58	62	64	64	53	56	54	49	52	56	60	66	66	70	48	45	49	56	49	54	58	41	38	44		56.7
	MIN	51	43	38	54	54	48	45	38	42	44	37	36	43	35	35	36	42	42	34	41	37	38	40	37	34	30	41	32	32	30		39.6

ERRATA

July, 1948 - Minimum on 11th for Pittsburgh 7 SE WB Airport should be 66; minimum on 12th should be 69.

August, 1948 - Minimum on 9th for Pittsburgh 7 SE WB Airport should be 58; maximum on 15th, 78; minimum on 15th, 58; maximum on 17th, 74; minimum on 17th, 62; mean maximum, 81.9.

September, 1948 - Minimum on 10th for Pittsburgh 7 SE WB Airport should be 60; minimum on 13th, 63; mean minimum, 56.3.

ERRATA FOR TABLE 3

May, 1948 - Monthly total for Jamestown 2 NW Dam should be 3.59.

May, 1948 - Delete .10 on May 1 for Towanda. Monthly total should be 5.78.

October, 1948 - Amount on October 17 for Morgantown Lock 10 should be .01; monthly total, 2.32.

ERRATA FOR TABLE 4

November 1948 - Data on 17th for Jackson Summit should be shown in the A.M. columns.

November 1948 - Data on 27th for Lancaster 2 NE Filter Plant should be shown in the A.M. columns.

November 1948 - Data for Meadville for the 23rd should be as follows:

6 A.M., .01; 7 A.M., .01; 8 A.M., .01; 10 A.M., .01; Total, .04.

See reference notes following Station Index.

DAILY RIVER STAGES

Table 7

River and Station	Flood stage	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Highest	Date	Lowest	Date
HIGH																																				
KEIGHTON	9	3.5	3.4	3.3	3.2	3.2	3.4	3.8	3.6	3.5	3.4	3.3	3.2	3.4	3.3	3.3	3.4	3.8	3.8	3.4	3.4	3.3	3.4	3.4	3.4	3.4	3.0	2.8	3.2	3.2	6.6	8.1	8.1	30	2.8	31
BUYLKILL																																				
EADING	13	5.4	5.2	5.1	4.9	4.8	4.7	5.4	4.9	4.7	4.6	4.5	4.5	4.5	4.5	4.4	4.9	5.5	5.5	5.4	5.4	5.2	5.0	4.9	4.8	4.5	4.1	4.0	4.1	4.5	10.8	13.9	14	31	3.9	27
HILADELPHIA		6.5	6.4	6.3	6.3	6.4	6.2	6.2	6.3	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.2	6.9	6.7	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.0	6.0	6.1	8.2	10.6	10	31	5.0	27
LAWARE																																				
ASTON	22	2.6	2.4	2.4	2.2	2.2	1.8	2.0	2.3	2.6	2.4	2.2	2.0	1.9	1.9	2.1	2.2	2.5	2.6	2.4	2.2	2.0	2.0	2.0	2.0	2.0	0.8	1.0	1.0	1.0	4.7	21.9	21	31	0.8	26
ST BRANCH																																				
ENOVO	16	2.1	2.1	2.0	1.9	1.8	1.9	3.1	3.7	3.3	2.9	2.6	2.3	3.1	3.7	3.6	3.5	6.8	6.2	5.1	4.5	3.9	3.5	3.1	2.8	2.6	2.0	1.6	1.9	2.5	3.1	8.2	8	31	1	27
ILLIAMSPORT	20	3.0	2.9	2.8	2.6	2.5	2.6	3.5	4.4	4.5	4.0	3.7	3.3	3.4	4.4	4.4	4.5	5.9	8.1	6.9	5.9	5.2	4.6	4.2	3.7	3.3	2.4	2.1	1.7	2.4f	5.4	11.9	12	31	1	28
MK CREEK																																				
EDAR RUN	12	2.6	2.5	2.4	2.4	2.4	2.4	2.9	2.8	2.8	2.7	2.7	2.6	3.4	2.9	2.8	2.9	3.4	3.1	3.4	2.9	2.8	2.8	2.6	2.9	2.5	2.9	2.7	3.4	3.2	4.8	4.7	4.8	30	2.4	3.
NIATA																																				
EWPORT	22	5.0	5.0	5.0	4.9	4.8	4.9	5.7	6.1	5.8	5.4	5.2	4.9	4.8	4.9	4.8	5.2	7.0	8.3	7.3	6.4	5.9	5.5	5.3	5.2	5.0	4.9	4.6	4.6	4.5	5.6	12.4	12	31	4	29
SQUEHANNA																																				
UNBURY	16	2.7	2.6	2.5	2.4	2.3	2.2	2.6	2.9	3.1	3.1	2.9	2.6	2.5	2.5	2.7	2.8	3.4	4.3	3.9	3.7	3.3	3.0	2.8	2.7g	2.5g	2.2g	1.9g	1.8g	1.8g	2.9g	10.5	10.5	31	1	28+
ILKES-BARRE	22	4.6	4.5	4.3	4.1	3.9	3.8	4.2	4.5	5.0	4.8	4.3	4.1	3.9	3.9	3.8	4.2	4.4	4.7	4.8	4.6	4.3	4.0	3.9	3.8g	3.6g	3.4g	2.3g	2.5e	2.6g	5.4g	16.4	16	31	2	27+
ARRISBURG	17	4.4	4.4	4.4	4.3	4.2	4.2	4.3	4.6	4.6	4.9	4.6	4.4	4.3	4.2	4.3	4.4	4.7	5.3	5.6	5.2	5.0	4.8	4.6	4.5	4.4	4.3	4.2	3.8	3.9	4.1	9.8	9	31	3	28
NEMAUGH																																				
EWARD	18	3.3	3.1	3.1	3.2	3.2	3.3	3.4	3.8	3.7	3.5	3.4	3.4	3.7	3.7	3.5	5.2	6.0	5.6	5.1	4.6	4.2	3.9	3.8	3.5	3.5	3.5	3.3	3.1	3.4	5.4	5.4	6.0	17	3.1	2.
LEGHENY																																				
ARREN	14	3.7	3.5	3.2	3.0	2.9	2.9	2.8	3.0	3.1	3.0	3.0	2.8	3.9	4.5	4.3	4.3	4.8	4.7	4.6	4.2	3.9	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.5	6.5	7.2	7	31	2	7
RANKLIN	17	5.2	4.9	4.6	4.2	4.0	3.9	3.8	3.8	3.8	3.8	3.6	3.6	4.4	5.7	5.7	5.9	6.2	6.2	6.1	5.3	5.0	4.8	4.7	4.4	4.2	3.8	3.2	3.0	3.7	6.7	8.8	8	31	3	28
ARKERS LANDING	20	4.6	4.2	3.8	3.5	3.3	3.2	3.1	3.1	2.9	2.9	2.8	2.8	3.4	4.8	5.0	5.9	6.6	6.3	5.6	5.0	4.3	4.2	4.0	3.8	3.4	3.4	2.9	2.8	2.7	5.0	8.4	8	31	2	27
CHENLEY LOCK 5 LOWER	24	14.4	14.2	13.9	13.7	13.3	13.3	13.4	13.6	13.4	13.1	13.0	12.9	13.1	14.4	14.9	16.6	18.9	17.1	16.8	16.1	15.4	14.6	14.3	13.9	13.6	13.1	12.7	12.3	12.6	14.6	18.1	19	31	12	28
CHENLEY LOCK 5 UPPER		13.6	13.4	13.2	13.0	12.7	12.6	12.6	12.6	12.5	12.3	12.3	12.2	12.3	13.6	14.2	15.2	16.2	15.2	15.1	14.7	14.1	13.6	13.3	13.1	12.9	12.4	12.0	11.9	11.9	13.2	16.1	17	31	11	28+
OSGROVE LOCK 8 LOWER	24	14.0	13.9	13.3	12.9	12.8	12.6	12.6	12.8	12.7	12.4f	12.4	12.3f	12.9	14.0	14.6	16.4	17.0	16.0	15.8	15.1	14.9	13.9	13.7	13.5f	12.9c	12.3c	12.0c	11.8c	12.0c	13.9	18.9	19	31	11	28
OSGROVE LOCK 8 UPPER		16.5	16.2	16.1	15.8	15.8	15.6	15.6	15.7	15.7	15.5f	15.5	15.4f	15.9	16.5	16.8	17.7	18.0	17.5	17.4	17.1	16.7	16.4	16.2	16.2f	15.8c	15.4c	15.2c	15.0c	15.1c	16.4	18.8	19	31	15	28
ATRONA LOCK 4 LOWER	24	13.4	13.2	12.9	12.6	12.3	12.2	12.2	12.4	12.1	11.9	11.7	11.6	11.9	13.4	14.0	15.8	18.4	16.5	16.0	15.3	14.5	13.6	13.3	12.9	12.6	12.2	11.6	11.3	11.4	13.4	16.9	18.4	17+	11	28
ATRONA LOCK 4 UPPER		11.8	11.6	11.4	11.2	11.0	10.9	11.0	11.1	10.9	10.8	10.5	10.4	10.7	11.8	12.2	13.4	14.8	13.6	13.3	12.9	12.4	11.9	11.6	11.4	11.0	10.7	10.4	10.1	10.2	11.8	14.0	19.8	17	10	28
CMETONIA LOCK 3 LOWER	25	15.3	15.2	14.9	14.8	14.5	14.4	14.4	14.6	14.3	14.1	14.1	14.0	14.0	15.3	15.8	17.2	19.4	17.6	17.1	16.3	15.8	15.2	14.8	14.5	14.3	13.8	13.5	13.2	12.5	13.8	17.0	19.4	17	12	29
CMETONIA LOCK 3 UPPER		14.5	14.3	14.2	13.9	13.8	13.7	13.8	13.8	13.7	13.5	13.5	13.4	13.5	14.5	14.8	15.8	17.0	16.0	15.8	15.4	15.0	14.6	14.3	14.1	13.9	13.5	13.3	13.0	13.0	14.3	16.1	17.0	17	13	28+
SKIMINETAS																																				
ALTSBURG	16	2.8	2.7	2.6	2.5	2.5	2.6	3.3	2.8	2.6	2.5	2.2	2.1	2.4	3.1	2.8	5.1	6.2	4.6	4.2	4.0	3.6	3.5	3.3	2.7	2.4	2.2	1.7	1.8	1.3	4.8	5.1	6.2	17	1.3	29
ANDERGRIFT	16	6.4	6.3	6.1	5.9	5.8	6.0	6.4	6.5	6.0	5.7	6.0	5.2	5.6	7.0	6.4	8.8	12.0	9.7	8.9	8.2	7.6	7.4	7.2	6.2	5.7	5.3	4.6	4.8	5.2	8.6	10.8	12.0	17	4	27
UGHIOGHENY																																				
ONFLUENCE	12	3.2	2.9	3.0	3.3	3.3	3.3	4.4	3.3	3.6	3.4	3.6	3.6	4.0	4.1	3.9	8.7	7.6	5.3	5.2	6.2	5.9	4.5	4.2	4.0	3.9	3.7	3.6	3.6	3.9	5.7	4.7	8.7	16	2.9	2
UTTERSVILLE	20	5.2	4.9	4.6	4.6	4.8	4.6	5.5	5.3	4.8	4.7	4.5	4.7	5.0	5.7	5.4	12.8	12.2	8.2	8.4	7.6	7.2	6.3	5.8	5.6g	5.3g	5.0g	4.9g	4.9	4.9	7.0	7.7	13.3	16	4.5	11
OWNELLSVILLE	16	3.5	3.3	3.2	3.2	3.4	3.3	4.5	3.6	3.6	3.4	3.5	3.3	3.8	4.2	3.9	9.7	8.5	6.0	4.2	6.1	5.7	4.5	4.3	4.1	3.9	3.7	3.5	3.5	3.8	5.9	5.4	9.7	16	3.2	3.
MONONGAHELA																																				
HARLEROI LOCK 4 LOWER	30	17.4	16.3	15.8	15.7	17.0	16.5	16.4	16.5	15.5	14.5	13.6	13.1	13.2	13.6	13.7	28.7	31.7	23.5	19.6	18.5	18.8	18.9	18.1	17.7	16.4	14.7	13.4	12.3	13.0	13.7	15.9	33	16	12.9	28
HARLEROI LOCK 4 UPPER	30	18.9	18.3	17.8	17.8	18.8	18.4	18.4	18.4	17.7	17.2	16.7	16.3	16.4	16.6	16.8	27.4	28.3	21.8	19.9	19.5	19.6	19.6	19.2	19.0	18.1	17.2	16.4	16.2	16.2	16.7	18.1	29	16	16.2	28+
REENSBORO LOCK 7 LOWER	30	16.9	15.0	14.5	14.5	17.4	14.7	16.9	15.0	13.6	12.7	12.6	12.1	12.2	12.2	12.2	36.4	31.4	22.6	19.0	18.9	17.9	17.1	16.5	15.9	14.9	13.6	12.6	12.0	11.8	12.3	15.3	36	16	11.8	29
REENSBORO LOCK 7 UPPER	30	14.7	13.9	13.7	13.7	15.3	13.7	15.0	13.8	13.2	12.7	12.6	12.4	12.2	12.2	12.2	25.3	21.5	17.3	15.9	15.9	15.4	14.9	14.6	14.3	13.9	13.2	12.6	12.1	11.9	12.2	14.3	25	16	11.9	29
C KEESPORT	12	6.7	5.9	5.8	5.5	6.0	6.0	5.9	6.0	5.6	5.5	4.5	4.3	4.3	4.6	4.9	12.2	14.9	10.3	7.5	6.8	7.0	7.0	6.2	5.9	5.0	5.0	3.9	3.3	3.5	4.3	5.6	15	16	3.2	29
IO																																				
ORAOPOLIS DAM 2	26	12.7	12.4	12.1	12.1	12.3	12.3	11.9	12.3	11.9	11.5	11.1	10.9	11.0	11.9	12.1	16.1	20.6	16.7	14.7	14.0	13.6	13.5	13.1	12.5	12.4	11.5	11.0	10.9	10.8	11.9	14.1	20.6	17	10.8	29
TTSBURGH	25	h16.9	h16.6	h16.5	h16.7	h16.8	h16.5	h16.6	h16.6	h16.6	h16.5	h16.7	h16.6	h16.7	h16.7	h16.8	17.2	23.0	18.9	h16.6	h16.8	h16.7	h16.6	h16.8	h16.6	h16.6	h16.6	h16.6	h16.6	h16.7	h16.7	h16.6	23.0	17	16.5	1+
IDLAND DAM 7 LOWER				12.4	12.4	12.3	12.8	12.3	13.1	12.1	11.4	10.9	10.5	10.8	12.0	12.8											11.6	10.3	10.3	10.4	11.6					
IDLAND DAM 7 UPPER	30	14.5	13.1	14.4	15.2	15.0	14.8	15.0	15.2	15.0	15.2	15.4	15.5	15.3	15.4	14.8	18.8	31.2	26.0	19.7	17.1	16.2	15.7	14.1	13.1	12.4	14.8	15.6	15.7	15.6	15.0	17.0	31.2	17	12.4	25

following reference notes apply only to Table 7 - Daily River Stages:

dings are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - ncipal Rivers of the United States".

a Obstructed by rough ice.
b Frozen but open at gage.
c Upper surface of smooth ice.
d Ice gorge above gage.
e Ice gorge below gage.
f Shore ice.
g Floating ice.
h Pool stage.
i Dry at gage.
j Interpolated.

ly River Stages will not be published in Climatological Data in the future. They will be published annually in the publication "Daily River Stages - Principal Rivers of the United States".

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
ACMETONIA LOCK 3 LOWER	0022	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST		7A		44		U S E P B G	3 7
ACMETONIA LOCK 3 UPPER	0023	ALLEGHENY	ALLEGHENY	40 32	79 49	748	EST						U S E P B G	7
ALBION	0062	ERIE	LAKE ERIE	41 53	80 22	900	EST	7A	7A	4	4		ALBION HIGH SCHOOL	2 3 4 5
ALLENS MILLS	0099	JEFFERSON	ALLEGHENY	41 12	78 54	1590	EST		MID		10		CHARLES H ALLEN	3 4
ALLENTOWN-EAST-BETH WB AP	0106	LEHIGH	LEHIGH	40 39	75 26	381	EST	MID	MID	10	8		U S WEATHER BUREAU	2 3 4 5
ALLENTOWN GAS CO	0111	LEHIGH	LEHIGH	40 36	75 28	254	EST	7A	7A	27	37		ALLENTOWN-BETH GAS CO	2 3 5
ALTOONA HORSESHOE CURVE	0134	BLAIR	JUNIATA	40 30	78 29	1500	EST	6P	6P	53	64		ALTOONA WATER BUREAU	2 3 5
ARENDTSVILLE	0229	ADAMS	SUSQUEHANNA	39 55	77 18	710	EST	8A	8A	26	26		PA STATE COLL EXP STA	2 3 5
AUSTINBURG 2 MI W	0313	TIOGA	CHEMUNG	42 00	77 32	1590	EST		MID		12		U S E BALTO MD	3 4
AVOCA WILKES-BARRE SCRANTON AP	0319	LUZERNE	SUSQUEHANNA	41 21	75 43	950	EST	MID	MID	1	1		CIVIL AERO ADM	2 3 5
BAKERSTOWN 4 MI WNW	0355	ALLEGHENY	ALLEGHENY	40 40	80 00	1200	EST	7A	7A	1	1		A H BURKE	3
BARNES	0409	WARREN	ALLEGHENY	41 40	79 01	1310	EST		7A		8		U S E P B G	3
BEAR GAP	0457	NORTHUMBERLAND	SUSQUEHANNA	40 50	76 30	843	EST		MID		3		ROARING CREEK WTR CO	3
BEAVER FALLS	0475	BEAVER	BEAVER	40 46	80 19	760	EST		7A		40		HOWARD J KEMP	3 7
BEAVERTOWN	0482	SNYDER	SUSQUEHANNA	40 45	77 10	640	EST	5P	5P	2	2		JAMES F KERN	2 3 5
BELLEFONTE ROCKVIEW FARM	0530	CENTER	WEST BRANCH	40 52	77 47	1060	EST	8A	8A	20	32		WESTERN STATE PEN'TRY	2 3 5
BERWICK	0611	COLUMBIA	SUSQUEHANNA	41 03	76 14	570	EST	6P	6P	3	3		AMER CAR & FOUNDRY CO	2 3 5
BETHLEHEM RIVER STATION	0629	NORTHAMPTON	LEHIGH	40 37	75 22	390	EST		7A				BETHLEHEM STEEL CORP	3
BETHLEHEM LEHIGH UNIV	0634	NORTHAMPTON	LEHIGH	40 36	75 23	450	EST	MID	MID	47	64		LEHIGH UNIVERSITY	2 3 4 5
BLAIN	0725	PERRY	SUSQUEHANNA	40 20	77 31	720	EST		MID		11		PENNA DEPT F & W	3 4
BLAIRSVILLE 6 MI ENE	0736	INDIANA	ALLEGHENY	40 27	79 09	2048	EST	MID	MID	3	12		U S WEATHER BUREAU	2 3 4 5
BLAKESLEE CORNERS	0743	MONROE	LEHIGH	41 06	75 36	1670	EST		MID		11		HAROLD WILDRICK	3 4
BLOSERVILLE 1 MI N	0763	CUMBERLAND	SUSQUEHANNA	40 16	77 22	650	EST		5P		36		MRS B M WILLDERS	3
BOSWELL	0820	SOMERSET	ALLEGHENY	40 11	79 08	2528	EST		7A		11		JOHN S YOST	3 4
BRADDOCK LOCK 2	0861	ALLEGHENY	MONONGAHELA	40 24	79 52	725	EST		7A		14		U S E P B G	3
BRADFORD CENTRAL FIRE STA	0867	MC KEAN	ALLEGHENY	41 58	78 39	1500	EST		8A	1			BRADFORD DIS FLD COM	3
BRADFORD 4 MI W RESERVOIR 1	0868	MC KEAN	ALLEGHENY	41 57	78 44	1680	EST	4P	4P	22			BRADFORD WATER DEPT	2 3 5
BRADFORD 5 S	0869	MC KEAN	ALLEGHENY	41 53	78 39	1515	EST		11A		1		GEORGE STRAND	3
BREEZEWOOD	0905	BEDFORD	JUNIATA	40 00	78 14	1352	EST	MID	MID	7	7		PA TURNPIKE COMM	3
BROOKVILLE AIRPORT	1002	JEFFERSON	ALLEGHENY	41 09	79 06	1407	EST	MID	MID	36	57		CIVIL AERO ADM	2 3 4 5
BRUCETON	1033	ALLEGHENY	OHIO	40 19	79 59	1000	EST		7A		13		RAY WILSON	3
BUCKSTOWN	1073	SOMERSET	CONEMAUGH	40 04	78 51	2480	EST		MID		11		RUSSELL L LAMBERT	3 4
BUFFALO MILLS	1087	BEDFORD	JUNIATA	39 58	78 39	1318	EST		7A		24		NELLIE R BROWN	3
BURGETTSTOWN 3 MI W	1105	WASHINGTON	OHIO	40 23	80 26	980	EST	7A	7A	1	1		LANGLOTH WATER CO	3
BURNT CABINS 2 MI NE	1115	HUNTINGDON	JUNIATA	40 05	77 52	990	EST	MID	MID	7	7		PA TURNPIKE COMM	2 3 5
BUTLER	1130	BUTLER	BEAVER	40 52	79 54	1100	EST	4P	4P	25	35		BUTLER EAGLE	2 3 5
BUTLER SUBSTATION	1135	BUTLER	BEAVER	40 51	79 53	1140	EST		MID		11		WEST PENN POWER CO	3 4
CAMP HILL	1198	CUMBERLAND	SUSQUEHANNA	40 15	76 56	461	EST		8A		3		JOSEPH N HOBART	3
CANTON 1 MI NW	1215	BRADFORD	SUSQUEHANNA	41 40	76 52	1450	EST	8A	8A	5	M		MILDRED L SPENCER	2 3 4 5
CARLISLE	1234	CUMBERLAND	SUSQUEHANNA	40 12	77 11	473	EST	6P	6P	80	60		PROF CHAS E MILLER	2 3 5
CARROLLTOWN	1255	CAMBRIA	WEST BRANCH	40 36	78 42	2165	EST		7A		5		NED R WESTRICK	3
CARTER CAMP	1262	POTTER	WEST BRANCH	41 38	77 45	2100	EST		7A		10		IRVING E GRESSEL	3 4
CEDAR RUN	1301	LYCOMING	WEST BRANCH	41 31	77 28	800	EST		7A		30		CHARLES R NIVISON	3 7
CHADDS FORD	1342	DELAWARE	DELAWARE	39 52	75 35	180	EST		8A		3		HERBERT W GUEST	3
CHAMBERSBURG	1354	FRANKLIN	POTOMAC	39 56	77 39	640	EST	8P	10P	48	53		CHARLES A BENDER	2 3 4 5
CHARLEROI	1372	WASHINGTON	MONONGAHELA	40 08	79 55	1040	EST		MID		11		WEST PENN POWER CO	3 4
CHARLEROI LOCK 4 LOWER	1377	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST		7A		63		U S E P B G	3 7
CHARLEROI LOCK 4 UPPER	1378	WASHINGTON	MONONGAHELA	40 09	79 54	740	EST						U S E P B G	7
CLARION 3 MI SW	1485	CLARION	ALLEGHENY	41 12	79 26	1114	EST	8P	7A	6	41		PA ELECTRIC CO	2 3 4 5
CLAUSSVILLE	1505	LEHIGH	LEHIGH	40 37	75 39	670	EST		9A		3		VERNA A DOTTERER	3
CLAYSVILLE	1512	WASHINGTON	OHIO	40 07	80 25	1170	EST	7P	7P	45	45		WALTER B PAGET	2 3 5
CLEARFIELD	1519	CLEARFIELD	WEST BRANCH	41 01	78 27	1140	EST		7A	32	40		WILLIAM H WITHEROW	3
COALDALE GREENWOOD RESERVOIR	1572	SCHUYLKILL	SCHUYLKILL	40 50	75 56	1026	EST		7A		26		PANTHER VALLEY WTR CO	3
COALPORT	1581	CLEARFIELD	WEST BRANCH	40 45	78 32	1480	EST		7A		4		ADAM I NEFF	2 3 4 5
COATESVILLE 1 MI SW	1589	CHESTER	DELAWARE	39 58	75 50	342	EST	8A	8A	61	61		PHILA ELECTRIC CO	2 3 4 5
COATESVILLE	1594	CHESTER	DELAWARE	39 59	75 48	431	EST		7A		2		EDWARD O BEIDEMAN	3
COGAN STATION 2 MI N	1631	LYCOMING	WEST BRANCH	41 21	77 05	650	EST		10A		1		WILLIAM R WOLFE	3
COLUMBIA	1675	LANCASTER	SUSQUEHANNA	40 02	76 30	300	EST	SS	SS	6	6		JAMES H RUST	2 3 5
CONFLUENCE 1 MI SW	1705	SOMERSET	YOUGHIOGHENY	39 48	79 22	1490	EST	8A	8A	3	3		U S E P B G	3 4 6
CONFLUENCE 1 MI NW	1710	SOMERSET	YOUGHIOGHENY	39 50	79 22	1331	EST		7A		74		JOHN L REID	3 7
CONNELLSVILLE	1723	FAYETTE	MONONGAHELA	40 01	79 36	990	EST		7A		10		EMERY C STEWART	3 7
CONNELLSVILLE 4 MI N	1728	FAYETTE	MONONGAHELA	40 04	79 34	1145	EST		MID		11		GEORGE BAER	3 4
CONSHOHOCKEN	1737	MONTGOMERY	DELAWARE	40 04	75 19	70	EST		8A		25		PHILA ELECTRIC CO	3
CORAOPOLIS DAM 2	1773	ALLEGHENY	OHIO	40 31	80 10	720	EST		7A		40		U S E P B G	3 7
CORRY	1790	ERIE	ALLEGHENY	41 55	79 38	1427	EST	6P	6P	33	33		GEORGE P MULDERICK	2 3 5
COUDERSPORT	1804	POTTER	ALLEGHENY	41 46	78 01	1653	EST	5P	5P	18	23		POTTER ENTERPRISE	2 3 5
COUDERSPORT 8 MI E	1809	POTTER	ALLEGHENY	41 46	77 53	2425	EST		8A		2		ROBERT B KEITH	3
COVINGTON	1832	TIOGA	SUSQUEHANNA	41 45	77 05	1193	EST		7A		10		GROVER D CLEVELAND	3
CREEKSIDE	1881	INDIANA	ALLEGHENY	40 41	79 12	1035	EST		7A		8		U S E P B G	3
CRESSON 1 MI E SUMMIT	1894	CAMBRIA	WEST BRANCH	40 28	78 34	2300	EST		MID		11		PENNA EDISON CO	3
CURWENSVILLE 6 MI NW AIRPORT	1966	CLEARFIELD	WEST BRANCH	41 03	78 35	2215	EST	MID	MID	6	6		U S WEATHER BUREAU	2 3 4 5
CUSTER CITY 2 MI W SONGBIRD	1978	MC KEAN	ALLEGHENY	41 55	78 41	2120	EST		8A		1		BRADFORD DIS FLD COM	3
DANVILLE	2013	MONTOUR	SUSQUEHANNA	40 58	76 37	460	EST		7A		8		JAMES A BRYAN	3
DAUPHIN 3 MI N	2029	DAUPHIN	SUSQUEHANNA	40 25	76 56	1300	EST		7A		8		JOHN HEPFORD	3
DERRY	2108	WESTMORELAND	CONEMAUGH	40 20	79 18	1150	EST	6P	6P	51	51		MISS N. D. WINEMAN	2 3 5
DINGMANS FERRY	2160	PIKE	DELAWARE	41 13	74 52	360	EST		7A		11		A JORGENSON	3 4
DONEGAL	2183	WESTMORELAND	CONEMAUGH	40 06	79 23	1746	EST	MID	MID	5	5		PENNA TURNPIKE COMM	2 3 5
DONORA	2190	WASHINGTON	MONONGAHELA	40 11	79 51	761	EST	MID	MID	22	22		DONORA ZINC WORKS	2 3 5
DOYLESTOWN	2221	BUCKS	DELAWARE	40 18	75 08	370	EST		5P		58		GEORGE HART	3
DRIFTWOOD	2245	CAMERON	WEST BRANCH	41 20	78 08	820	EST		MID		11		SIDNEY KENNEDY	3 4
DU BOIS 7 MI E	2265	CLEARFIELD	WEST BRANCH	41 06	78 38	1670	EST		7A		11		CITY OF DU BOIS	3 4
DUNLO	2298	CAMBRIA	CONEMAUGH	40 17	78 44	2440	EST		MID		11		MRS D L WHITE	3 4
DUSHORE	2323	SULLIVAN	WEST BRANCH	41 32	76 24	1500	EST		MID		11		KENNETH MOSIER	3 4
EAGLES MERE	2343	SULLIVAN	SUSQUEHANNA	41 24	76 35	2020	EST	7A	7A	6	12		CARL E BIGGER	2 3 4 5
EASTON	2423	NORTHAMPTON	DELAWARE	40 42	75 12	155	EST						JOINT BREEZE COMM	7

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV (FT)	TIME OF OBSERVATION: ZONE	TEMP	PRECIP	YEARS OF RECORD: TEMP	PRECIP	EVAP	OBSERVER	REFER TO TABLES
AST WATERFORD 3 MI E	2459	PERRY	JUNIATA	40 21	77 33	2125	EST	8P	7A	5	12		U S WEATHER BUREAU	
BENSBURG	2466	CAMBRIA	CONEMAUGH	40 29	78 44	2170	EST	8A	8A	31	31		JOHN L MC GOUGH	
LIZABETHTOWN	2560	LANCASTER	SUSQUEHANNA	40 08	76 37	460	EST		8A		3		MASONIC HOME	3
PORIUM	2633	CAMERON	WEST BRANCH	41 30	78 13	1100	EST	8A	8A	60	60		RUSSEL E PALMETEER	3 4
NGLISH CENTER	2644	LYCOMING	WEST BRANCH	41 26	77 17	881	EST		MID		9		WILLIAM SUDERS	3 4
PHRATA	2662	LANCASTER	SUSQUEHANNA	40 10	76 10	470	EST	6P	6P	46	55		WM W HALLIGAN	2 3 5
QUINUNK	2669	WAYNE	DELAWARE	41 51	75 13	920	EST		7A		3		ROSE H NEILSON	3
RIE WB CITY	2677	ERIE	LAKE ERIE	42 07	80 05	655	EST	MID	MID	74	74		U S WEATHER BUREAU	3 4 5
RIE AIRPORT	2682	ERIE	LAKE ERIE	42 05	80 12	732	EST	MID	MID	4	4		CIVIL AERO ADM	3 4
VERETT	2721	BEDFORD	JUNIATA	40 00	78 23	1020	EST	MID	7A	28	28		PENNA TURNPIKE COMM	2 3 4 5
ARRELL SHARON	2814	MERCER	BEAVER	41 14	80 30	855	EST	5P	8A	36	37		CARNEGIE ILL STL CORP	2 3 5
ORD CITY 4 MI S	2942	ARMSTRONG	ALLEGHENY	40 43	79 30	950	EST	8A	8A	6	5	3	U S E P B G	2 3 4 6
RANKLIN	3028	VENANGO	ALLEGHENY	41 23	79 49	987	EST	7A	7A	54	75		WM K FULLER	2 3 5 7
REDERICKSVILLE 1 MI SE	3047	BERKS	SCHUYLKILL	40 27	75 41	800	EST	ss	8A	6	11		HENRY H ROHRBACK	2 3 5
REELAND	3056	LUZERNE	SUSQUEHANNA	41 01	75 54	1970	EST	6P	8A	54	34		ANDREW B EVANSHA	2 3 5
ALETON	3130	POTTER	WEST BRANCH	41 44	77 39	1330	EST		6P		18		W GALE LUSH	3
GERTOWN	3189	BERKS	SCHUYLKILL	40 12	75 50	380	EST		8A		3		WALTER C WOLF	3
ORGE SCHOOL	3200	BUCKS	DELAWARE	40 13	74 56	160	EST	7P	7P	42	42		GEO M HART	2 3 5
TTYSBURG	3218	ADAMS	POTOMAC	39 50	77 14	500	EST	8A	8A	72	74		HUGH C MC ILHENNY	2 3 5
TTYSBURG 1 MI S	3223	ADAMS	POTOMAC	39 48	77 14	570	EST		MID		11		NATL MILITARY PARK	3 4
FFORD	3237	MC KEAN	ALLEGHENY	41 51	78 36	2220	EST		8A		1		BRADFORD DIS FLD COM	3
LENCOE	3298	SOMERSET	POTOMAC	39 49	78 51	1620	EST		8A		11		C E SANDERS	3 4
LEN ROCK	3330	YORK	SUSQUEHANNA	39 48	76 44	620	EST		MID		7		MRS E C MC WILLIAMS	3 4
LEN WILLARD DASHIELDS DAM	3343	ALLEGHENY	OHIO	40 33	80 14	1025	EST		7A		4		WM H MC CONNELL	3
OOD SPRINGS 1 MI W	3372	SCHUYLKILL	SUSQUEHANNA	40 38	76 30	1500	EST		MID		11		PA POWER & LIGHT CO	3 4
ORDON	3379	SCHUYLKILL	SUSQUEHANNA	40 45	76 21	900	EST	5P	5P	45	45		MRS S M JOHNSON	2 3
OULDSBORO	3394	WAYNE	LEHIGH	41 15	75 27	1850	EST		7A	17	33		L H ELLENBERGER	3
RANTVILLE 2 MI SW	3422	DAUPHIN	SUSQUEHANNA	40 22	76 41	520	EST		ss		11		EDW N RHOADS	3
RATERFORD	3435	MONTGOMERY	SCHUYLKILL	40 14	75 27	160	EST		7A		33		CLAUDE K KULP	3
REENSBORO LOCK NO 7 LOWER	3503	GREENE	MONONGAHELA	39 47	79 55	808	EST		7A		67		U S E P B G	3 7
REENSBORO LOCK NO 7 UPPER	3504	GREENE	MONONGAHELA	39 47	79 55	808	EST						HARRY MAPLE	7
REENSBURG 2 MI S FILTER STA	3510	WESTMORELAND	MONONGAHELA	40 16	79 33	977	EST	6P	6P	41	41		WESTMORELAND WATER CO	2 3 5
REENSBURG 2 MI E HWY SHED	3515	WESTMORELAND	MONONGAHELA	40 18	79 30	1225	EST		MID		10		PENNA DEPT HIGHWAYS	3 4
REENSBURG 3 MI SE UNITY RES	3516	WESTMORELAND	MONONGAHELA	40 17	79 30	1245	EST		6P	35	40		WESTMORELAND WATER CO	3
REENVILLE	3526	MERCER	BEAVER	41 25	80 23	930	EST	6P	6P	50	50		C EARL MILLER	2 3 5
ANOVER	3662	YORK	SUSQUEHANNA	39 48	76 59	600	EST	8A	8A	45	45		HANOVER EVENING SUN	2 3 5
ARRISBURG 3 MI S WB AIRPORT	3699	YORK	SUSQUEHANNA	40 13	76 51	335	EST	MID	MID	60	60		U S WEATHER BUREAU	2 3 4 5 7
ARRISBURG NORTH	3704	DAUPHIN	SUSQUEHANNA	40 16	76 53	317	EST		9A		31		GEO S BEAL	3
AWLEY	3758	WAYNE	DELAWARE	41 29	75 10	980	EST	8P	8A	30	39		MRS D M PENNELL	2 3 5
AWLEY 1 MI S WALLEN DAM	3859	WAYNE	DELAWARE	41 28	75 11	1180	EST	8A	8A	13	17	13	PA POWER & LIGHT CO	2 3 4 5 6
EWITT 2 MI S	3897	BEDFORD	POTOMAC	39 44	78 32	840	EST	ss	ss	4	8		MISS M E ROLAND	2 3 4 5
OLLIDAYSBURG	4001	BLAIR	JUNIATA	40 26	78 24	1000	EST		MID		11		JOHN M RINGLER	3 4
OLLISTERVILLE	4008	WAYNE	DELAWARE	41 23	75 26	1360	EST		8A		21		PA POWER & LIGHT CO	3
OLTWOOD	4019	LANCASTER	SUSQUEHANNA	39 50	76 20	200	EST	MID	8A	29	34		PA WATER & POWER CO	2 3 4 5
OME	4027	INDIANA	ALLEGHENY	40 45	79 06	1260	EST		MID		11		H J MC ELHOES	3 4
ONESDALE 4 MI NW	4043	WAYNE	DELAWARE	41 37	75 19	1445	EST		9A		3		GEO C WILLIAMS	3
ONESDALE 6 MI N TANNERS FLS	4044	WAYNE	DELAWARE	41 39	75 17	1100	EST		MID		7		LESLIE E WALTER	3 4
OOVERSVILLE	4058	SOMERSET	CONEMAUGH	40 10	78 53	1660	EST		7A		10		PENNA ELECTRIC CO	3
OP BOTTOM 2 MI S	4066	SUSQUEHANNA	SUSQUEHANNA	41 43	75 43	1400	EST		7A		4		JOSEPH J SANAUSKAS	3
UNTINGDON	4159	HUNTINGDON	SUSQUEHANNA	40 29	78 01	620	EST	8A	8A	61	61		HUNTINGDON BROADTOP RR	2 3 5
UNTSDALE	4166	CUMBERLAND	SUSQUEHANNA	40 06	77 19	620	EST		7A		8		T J DINGLE	3 4
NDMAN	4190	BEDFORD	POTOMAC	39 49	78 43	900	EST		7A		36		W J EMERICK	3
NDIANA 2 MI SE	4214	INDIANA	CONEMAUGH	40 36	79 07	1102	EST	6P	6P	46	49		CLYMER WATER CO	2 3 4 5
NDIANA	4219	INDIANA	CONEMAUGH	40 37	79 10	1300	EST	5P	5P	10	10		STATE TEACHERS COLL	2 3 5
RWIN	4276	WESTMORELAND	MONONGAHELA	40 20	79 42	1090	EST	5P	5P	46	52		WESTMORELAND WATER CO	2 3 5
ACKSON SUMMIT	4304	TIOGA	SUSQUEHANNA	41 57	77 01	1700	EST		MID		12		ARCHIE LAIN	3 4
AMESTOWN 2 MI NW	4325	MERCER	BEAVER	41 30	80 28	1050	EST	8A	8A	7	9	7	PA DEPT FRST & WTRS	2 3 4 5 6
OHNSTOWN 1	4385	CAMBRIA	CONEMAUGH	40 20	78 55	1214	EST	9A	9A	55	67		JOHNSTOWN TRIBUNE	2 3 5
OHNSTOWN 2	4390	CAMBRIA	CONEMAUGH	40 19	78 55	1130	EST		MID		10		CITY OF JOHNSTOWN	3 4
UNIATA HOUSE	4425	HUNTINGDON	JUNIATA	40 22	77 49	560	EST		8P		3		J EARL MC VEY	3
ANE 1 MI NW	4432	MC KEAN	ALLEGHENY	41 41	78 48	1750	EST	MID	MID	5	33		SPRING WATER CO	2 3 5
ANE 5 MI SE	4437	ELK	ALLEGHENY	41 36	78 46	2010	EST		MID		7		U S FOREST SERVICE	3 4
ARTHAUS	4450	CLEARFIELD	WEST BRANCH	41 07	78 07	860	EST		7A		8		MRS E M SHULTZ	3
IRKWOOD 1 MI SW	4597	LANCASTER	SUSQUEHANNA	39 51	76 05	430	EST		MID		8		SOIL CONSERV SERVICE	3 4
REGAR 4 MI SE	4667	WESTMORELAND	YOUGHIOGHENY	40 06	79 14	2470	EST		MID		7		PENNA TURNPIKE COMM	3
RESGEVILLE 3 MI W	4672	CARBON	LEHIGH	40 54	75 34	825	EST		8A		6		CITY OF BETHLEHEM	3
AFAYETTE MC KEAN PARK	4706	MC KEAN	ALLEGHENY	41 48	78 40	2130	EST		8A		1		BRADFORD DIS FLD COMM	3
AKEVILLE 1 MI N	4733	WAYNE	DELAWARE	41 27	75 16	1480	EST		8A		21		MRS REVEL JENKINS	3
AMPETER SCS 1A	4750	LANCASTER	SUSQUEHANNA	39 59	76 14	405	EST		MID		8		SOIL CONSERV SERVICE	3 4
ANCASTER 2 NE PUMP STATION	4758	LANCASTER	SUSQUEHANNA	40 03	76 17	255	EST	5P	5P	47	61		LANCASTER WATER BUR	2 3 5
ANCASTER 2 NE FILTER PLANT	4763	LANCASTER	SUSQUEHANNA	40 03	76 17	270	EST		MID		11		LANCASTER WATER BUR	3
ANCASTER 3 MI NE EXP FARM	4768	LANCASTER	SUSQUEHANNA	40 04	76 17	360	EST	8A	8A	3	3		DR ORVAN L [illegible]	3
ANSFORD	4804	CARBON	SCHUYLKILL	40 50	75 53	1030	EST		8A		43		LEHIGH NAVIG COAL CO	3
ANSFORD FOREMANS SHOP	4809	CARBON	SCHUYLKILL	40 50	75 53	1040	EST		7A		15		PANTHER VALLEY WTR CO	3
ATROBE	4832	WESTMORELAND	CONEMAUGH	40 19	79 23	1030	EST		7A		6		WEST PENN POWER CO	3
AURELTON STATE VILLAGE	4853	UNION	SUSQUEHANNA	40 54	77 13	880	EST		MID		8		PENNA DEPT OF WELFARE	3 4
AWRENCEVILLE	4873	TIOGA	SUSQUEHANNA	42 00	77 08	996	EST	6P	6P	51	51		CARLOS P DARLING	2 3 5
EBANON	4891	LEBANON	SUSQUEHANNA	40 20	76 26	469	EST	8A	8A	60	65		LEBANON VALLEY GAS CO	2 3 5
EBANON 3 MI SW	4896	LEBANON	SUSQUEHANNA	40 19	76 28	490	EST		MID		11		LEBANON COUNTRY CLUB	3 4
ECONTES MILLS 5 NW	4904	CLEARFIELD	WEST BRANCH	41 09	78 20	2320	EST		7A		6		PA DEPT FRST & WTRS	3
EHIGHTON	4934	CARBON	LEHIGH	40 50	75 43	580	EST		7A		14		GOODWIN DE FREHN	3 4 7
E ROY	4972	BRADFORD	SUSQUEHANNA	41 40	76 43		EST		6P		12		DIMMIS M BAILEY	3
EWIS RUN 3 MI S	4984	MC KEAN	ALLEGHENY	41 50	78 39	1700	EST		7A		1		BRADFORD DIS FLD COMM	3
EWISTOWN	4992	MIFFLIN	JUNIATA	40 35	77 35	480	EST	7A	7A	10	10		AMERICAN VISCOSE CO	3 4
INESVILLE 6 MI NW PENN LINE	5050	CRAWFORD	BEAVER	41 42	80 31	1015	EST		8A		31		MRS R M CRUMB	3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TIME OF OBSERVATION: TEMP.	TIME OF OBSERVATION: PRECIP.	YEARS OF RECORD: TEMP.	YEARS OF RECORD: PRECIP.	YEARS OF RECORD: EVAP.	OBSERVER	REFER TO TABLES
LOCK HAVEN 1	5104	CLINTON	WEST BRANCH	41 08	77 28	680	EST	7A	7A	57	57		SAMUEL C DICKEY JR	2 3 5
LOCK HAVEN 2	5109	CLINTON	WEST BRANCH	41 08	77 27	620	EST		MID		11		HUGH F PARKER	3 4
LONG POND	5160	MONROE	LEHIGH	41 03	75 30	1860	EST		8A		2		THOMAS MECKES	3
LYCIPPUS 1 MI E	5259	WESTMORELAND	YOUGHIOGHENY	40 14	79 24	1380	EST		5P	53	57		WESTMORELAND WATER CO	3
MAPLE GLEN	5368	MONTGOMERY	DELAWARE	40 11	75 11	370	EST		8A		3		L F SCHEIBNER JR	3
MAPLETON DEPOT	5381	HUNTINGDON	JUNIATA	40 24	77 56	580	EST		7A		10		MRS I S BUCHANAN	3
MARCUS HOOK	5390	DELAWARE	DELAWARE	39 48	75 25	12	EST	8A	8A	22	22		SUN OIL CO	2 3 5
MARIENVILLE	5400	FOREST	ALLEGHENY	41 28	79 07	1780	EST		MID		9		U S FOREST SERVICE	3 4
MARION CENTER 2 MI SE	5408	INDIANA	CONEMAUGH	40 45	79 02	1610	EST		7A		6		U S E P B G	3
MARSHBURG	5435	MC KEAN	ALLEGHENY	41 51	78 46	2120	EST		8A		1		BRADFORD DIS FLD COMM	3
MARTINSBURG	5453	BLAIR	JUNIATA	40 18	78 20	1360	EST		MID		11		BLUE MT CANNERIES	3 4
MARTINSBURG BLAIR CO AIRPORT	5454	BLAIR	JUNIATA	40 19	78 19	1460	EST	MID	MID	6	6		CIVIL AERO ADM	2 3 4 5
MATAMORAS	5470	PIKE	DELAWARE	41 22	74 42	455	EST		8A		44		HARRY BISLAND	3
MAUCH CHUNK 1 MI SW	5479	CARBON	LEHIGH	40 51	75 46	800	EST	4P	4P	56	56		HENRY S HAAK	2 3 5
MAYBURG	5490	FOREST	ALLEGHENY	41 36	79 13	1150	EST		7A		3		OPAL LITTLEFIELD	3
MC CONNELLSBURG	5526	FULTON	POTOMAC	39 56	78 00	910	EST		7A		16		RUTH L ROETTGER	3
MC CONNELLSTOWN 4 MI NW	5534	HUNTINGDON	JUNIATA	40 30	78 08	2340	EST		7A		3		PA DEPT FRST & WTRS	3
MC KEESPORT	5573	ALLEGHENY	ALLEGHENY	40 21	79 52	800	EST		7A		20		NATL TUBE CO	3 W
MEADOW RUN PONDS	5601	LUZERNE	LEHIGH	41 13	75 40	2000	EST		MID		1		JOSEPH L HART	3 4
MEADVILLE 1 MI S	5606	CRAWFORD	ALLEGHENY	41 37	80 10	1065	EST	8A	8A	54	55		CITY OF MEADVILLE	2 3 4 5
MEDIX RUN	5627	ELK	WEST BRANCH	41 17	78 23	1125	EST		MID		7		MRS E M SNYDER	3 4
MERCER 5 MI NE WB AIRPORT	5649	MERCER	BEAVER	41 17	80 12	1296	EST	MID	MID	9	9		U S WEATHER BUREAU	CLOSED
MERCER HIGHWAY SHED	5654	MERCER	BEAVER	41 14	80 15	1240	EST		MID		9		PENNA DEPT HIGHWAYS	4
MERCERSBURG	5662	FRANKLIN	POTOMAC	39 50	77 54	605	EST		8A		6		ROLLIN P GILBERT	3
MERWINSBURG	5676	NORTHAMPTON	LEHIGH	40 57	75 27	840	EST		MID		1		ROBERT G GOULD	3 4
MEYERSDALE	5684	SOMERSET	YOUGHIOGHENY	39 49	79 02	1980	EST		8A		10		LOUIS M WELD	3
MIDDLETOWN OLMSTED FIELD	5703	DAUPHIN	SUSQUEHANNA	40 11	76 46	303	EST	MID	MID	18	18		U S AIR FORCE	2 3 5
MIDLAND DAM NO 7 LOWER	5710	BEAVER	OHIO	40 38	80 28	780	EST	11P	7A	11	12		PERRY P CAMPBELL	2 3 5 7
MIDLAND DAM NO 7 UPPER	5711	BEAVER	OHIO	40 38	80 28	780	EST						PERRY P CAMPBELL	7
MILAN	5731	BRADFORD	SUSQUEHANNA	41 55	76 32	820	EST		MID		11		W S ROBERTS	3 4
MILANVILLE	5738	WAYNE	DELAWARE	41 40	75 04	750	EST		8A		3		CHAS W DAVIS	3
MILLERSBURG 2 MI E	5775	DAUPHIN	SUSQUEHANNA	40 32	76 56	545	EST		MID		11		WM H NOVINGER	3 4
MILLVILLE	5816	COLUMBIA	SUSQUEHANNA	41 08	76 32	820	EST		MID		11		RUSSELL SHEPLEY	3 4
MILROY	5825	MIFFLIN	JUNIATA	40 43	77 35	770	EST		8A		8		DAVID S NACE	3
MONROE FURNACE	5884	HUNTINGDON	JUNIATA	40 42	77 54	1200	EST		MID		7		PENNA STATE COLLEGE	3 4
MONROETON 2 MI S	5889	BRADFORD	SUSQUEHANNA	41 42	76 28	2120	EST		7A		8		PA DEPT FRST & WATERS	3
MONTROSE 3 MI E HIGHWAY SHED	5915	SUSQUEHANNA	SUSQUEHANNA	41 50	75 49	1175	EST	8A	8A	43	43		HARRY S FANCHER	2 3 5
MONTROSE	5920	SUSQUEHANNA	SUSQUEHANNA	41 50	75 52		EST		MID		11		CONSUMERS WATER CO	3 4
MOSGROVE LOCK 8 LOWER	5987	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST		7A		24		U S E P B G	3 7
MOSGROVE LOCK 8 UPPER	5988	ARMSTRONG	ALLEGHENY	40 52	79 29	808	EST						U S E P B G	7
MOUNT POCONO 2 MI N WB AP	6055	MONROE	DELAWARE	41 08	75 22	1914	EST	MID	MID	41	43		U S WEATHER BUREAU	2 3 4 5
MOUNT UNION 1 MI NW	6067	MIFFLIN	JUNIATA	40 24	77 53	800	EST		MID		11		MT UNION WATER WORKS	3 4
MURRYSVILLE	6111	WESTMORELAND	MONONGAHELA	40 26	79 42	903	EST		MID		8		WM MC WILLIAMS	3 4
MYERSTOWN	6126	LEBANON	SCHUYLKILL	40 23	76 18	520	EST		8A		8		JOHN W WANDELL	3
NATRONA LOCK NO 4 LOWER	6151	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST		7A		21		U S E P B G	3 7
NATRONA LOCK NO 4 UPPER	6152	ALLEGHENY	ALLEGHENY	40 37	79 43	800	EST						U S E P B G	7
NEFFS MILLS 4 MI NE	6174	HUNTINGDON	JUNIATA	40 40	77 55	960	EST	8A	8A	8	8	S	PENNA STATE COLLEGE	2 3 4 5
NESHAMINY FALLS	6194	BUCKS	DELAWARE	40 09	74 57	40	EST		5P	27	33		PHILA SUB WATER CO	3
NEWBURG 3 MI W	6225	FRANKLIN	SUSQUEHANNA	40 09	77 37	745	EST	MID	MID	7	7		PENNA TURNPIKE COMM	2 3 5
NEW CASTLE 1 MI N PUMP STA	6233	LAWRENCE	BEAVER	41 01	80 22	900	EST	11P	11P	65	62		NEW CASTLE WATER CO	2 3 4 5
NEWELL	6246	FAYETTE	MONONGAHELA	40 05	79 53	800	EST	MID	NOON	35	27		GENERAL CHEMICAL CO	2 3 5
NEW PARK	6289	YORK	SUSQUEHANNA	39 44	76 31	780	EST		6P		24		CLINTON J ALLEN	3
NEWPORT	6297	PERRY	JUNIATA	40 29	77 08	400	EST	7A	7A	1	18		MRS FRANCES FRY	3 7
NEW TRIPOLI	6326	LEHIGH	LEHIGH	40 42	75 46	580	EST		6P		10		FRED C OSWALD	3
NORRISTOWN	6370	MONTGOMERY	SCHUYLKILL	40 07	75 20	48	EST		8A		1		GEORGE H BOONE	3
ORWELL 3 MI N	6621	BRADFORD	SUSQUEHANNA	41 55	76 16	1620	EST		6P		5		WM I BROWN	3
PALM	6681	MONTGOMERY	SCHUYLKILL	40 26	75 32	380	EST		8A		7		FRED C ESCHBACK	3
PALMERTON	6689	CARBON	LEHIGH	40 48	75 37	435	EST	MID	MID	31	32		NEW JERSEY ZINC CO	2 3 4 5
PARKERS LANDING	6719	ARMSTRONG	ALLEGHENY	41 06	79 40	1100	EST		7A		64		JANNETTE E SCHULTZ	3 7
PARKERS LANDING 1 MI S	6724	CLARION	ALLEGHENY	41 06	79 41	870	EST		MID		10		PAUL M NEELY	3 4
PARK PLACE 1 SW WB AIRPORT	6734	SCHUYLKILL	SCHUYLKILL	40 51	76 06	1952	EST	7P	7P	5	5		U S WEATHER BUREAU	2 3 4 5
PAUPACK	6762	PIKE	DELAWARE	41 24	75 12	1523	EST		8A		32		MISS L VETTERLINE	3
PECKS POND	6786	PIKE	DELAWARE	41 17	75 05	1380	EST		8A		3		CARRIE NESS	3
PHILADELPHIA DREXEL INST TECH	6879	PHILADELPHIA	SCHUYLKILL	39 57	75 11	30	EST	MID	MID				FRANCIS K DAVIS JR	2 3 5
PHILADELPHIA FRANKLIN INST	6884	PHILADELPHIA	DELAWARE	39 58	75 10	100	EST	10A	10A	7	7		FRANKLIN INSTITUTE	7
PHILADELPHIA WB AIRPORT	6889	PHILADELPHIA	DELAWARE	39 53	75 14	20	EST	MID	MID	7	7		U S WEATHER BUREAU	2 3 4 5
PHILADELPHIA POINT BREEZE	6899	PHILADELPHIA	DELAWARE	39 55	75 12	85	EST	MID	MID	24	24		ATLANTIC REFINING	2 3 4 5
PHILADELPHIA SHAWMONT	6904	PHILADELPHIA	DELAWARE	40 02	75 15	70	EST	7P	7P	32	53		SCHUYLKILL NAVIG CO	2 3 5
PHILADELPHIA WB CITY	6909	PHILADELPHIA	DELAWARE	39 57	75 09	174	EST	MID	MID	77	77		U S WEATHER BUREAU	2 3 4 5
PHILLIPSBURG 7 MI E AIRPORT	6916	CENTRE	JUNIATA	40 54	78 05	1914	EST	MID	MID	6	6		CIVIL AERO ADM	2 3 4 5
PHOENIXVILLE 1 MI E PUMP STA	6927	CHESTER	SCHUYLKILL	40 07	75 30	105	EST	ss	MID	37	39		PHILA SUB WATER CO	2 3 4 5
PIKES CREEK	6939	LUZERNE	SUSQUEHANNA	41 18	76 06	1250	EST		MID		11		ANDREW STELTZ	3 4
PINE GROVE 1 MI NE	6954	SCHUYLKILL	SUSQUEHANNA	40 34	76 22	515	EST		8A		24		PA POWER & LIGHT CO	3
PINE GROVE MILLS 1 MI S	6962	HUNTINGDON	JUNIATA	40 43	77 54	2060	EST		MID		6		PENNA STATE COLLEGE	3
PITTSBURGH 7 MI SE WB AP	6992	ALLEGHENY	MONONGAHELA	40 21	79 56	1273	EST	MID	MID	18	18		U S WEATHER BUREAU	2 3 4 5
PITTSBURGH WB CITY	6997	ALLEGHENY	OHIO	40 26	80 00	914	EST	MID	MID	78	78		U S WEATHER BUREAU	2 3 4 5 7
PLEASANT [illegible] N: [illegible]	7029	WAYNE	DELAWARE	41 44	75 27	1810	EST		7A		27		PENNA GAME COMM	3 4
PORT ALLEGANY	7103	MC KEAN	ALLEGHENY	41 48	78 17	1500	EST		7A		6		RALPH MC CONNELL	3
PORT ALLEGANY 3 MI SW	7108	MC KEAN	ALLEGHENY	41 47	78 19	1580	EST		7A		6		CRYSTAL SPG TROUT HCY	3
PORT CARBON	7116	SCHUYLKILL	SCHUYLKILL	40 35	76 02	430	EST	8A	8A	10	10		EARL E RARICK	2 3 4 5
PORTLAND	7127	NORTHAMPTON	DELAWARE	40 55	75 06	297	EST		8A		5		JOINT BRIDGE COMM	3
POTTSTOWN	7149	MONTGOMERY	SCHUYLKILL	40 15	75 39	180	EST		8A		57		MILES E SMITH	3
POTTSVILLE	7156	SCHUYLKILL	SCHUYLKILL	40 41	76 12	820	EST		8A		66		POTTSVILLE WATER CO	3
POTTSVILLE PALO ALTO BRIDGE	7161	SCHUYLKILL	SCHUYLKILL	40 41	76 11	640	EST		7A		5		JOHN M SMITH	3
PUNXSUTAWNEY 1	7217	JEFFERSON	ALLEGHENY	40 57	78 59	1220	EST		7A		28		JOHN VOLANSKY	3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION: ZONE	TEMP	PRECIP.	YEARS OF RECORD: TEMP	PRECIP.	EVAP.	OBSERVER	REFER TO TABLES
NXSUTAWNEY 2	7222	JEFFERSON	ALLEGHENY	40 56	78 58	1360	EST		MID		8		PENNA ELEC CO	3
TNEYVILLE 2 SE DAM	7229	ARMSTRONG	ALLEGHENY	40 55	79 17	1270	EST	8A	8A	5	5		U S E P B G	2 3 4 5
AKERTOWN	7239	BUCKS	DELAWARE	40 26	75 20	480	EST	5P	5P	62	64		JOHN E BENNER	2 3 5
MOND	7310	POTTER	ST LAWRENCE	41 52	77 52	2220	EST		MID		10		ARTHUR LENGAN	3 4
ADING WB CITY	73 18	BERKS	SCHUYLKILL	40 20	75 56	266	EST	MID	MID	51	79		U S WEATHER BUREAU	2 3 4 5 7
NOVO	7409	CLINTON	WEST BRANCH	41 19	77 46	645	EST		7A		51		MRS C W BAIRD	3 7
NOVO 6 MI S STATE CAMP	7410	CLINTON	WEST BRANCH	41 14	77 46	2035	EST		MID		11		PA DEPT FRST & WATERS	3 4
TREAT FARMS	7417	LUZERNE	SUSQUEHANNA	41 11	76 06	560	EST	6P	6P	16	16		THEO J SAMPSON	2 3 5
W	7425	MC KEAN	ALLEGHENY	41 54	78 32	2250	EST		8A		1		BRADFORD DIS FLD COMM	3
ES LANDING LOCK NO 6	7443	GREENE	MONONGAHELA	39 57	80 00	775	EST		7A		14		U S E P B G	3
OGWAY	7477	ELK	ALLEGHENY	41 26	78 44	1385	EST	7A	7A	33	42		WEST PENN POWER CO	2 3 4 5
NGTOWN 1 MI SW	7497	SCHUYLKILL	SUSQUEHANNA	40 51	76 15	1115	EST		ss		58		BORO SHENANDOAH	3 5
CHESTER 1 MI N	7540	BEAVER	BEAVER	40 43	80 18	935	EST		MID				DUQUESNE LIGHT CO	3 4
SU	7694	SUSQUEHANNA	SUSQUEHANNA	41 47	76 03	1000	EST		8A		4		M MAUDE MC CAIN	3
FE HARBOR DAM	7732	LANCASTER	SUSQUEHANNA	39 56	76 23	180	EST		NOON		10		PA WATER & POWER CO	3
GAMORE 1 MI SE	7739	INDIANA	ALLEGHENY	40 46	79 14	1320	EST		7A		8		U S E P B G	3
LTSBURG	7796	INDIANA	KISKIMINETAS	40 29	79 27	849	EST		8A		54		WALTER B SULLIVAN	3 7
TON	7846	BEDFORD	WEST BRANCH	40 13	78 15	800	EST		7A				HUNTINGDON BROADTOP RR	3 4
NDIA	7855	WARREN	ALLEGHENY	41 55	79 02	2040	EST		MID		8		U S E P B G	3 4
ENLEY LOCK 5 LOWER	7863	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST		7A		70		U S E P B G	3 7
ENLEY LOCK 5 UPPER	7864	ARMSTRONG	ALLEGHENY	40 41	79 40	783	EST						U S E P B G	7
NDON WB CITY	7902	LACKAWANNA	SUSQUEHANNA	41 25	75 40	805	EST	MID	MID	48	48		U S WEATHER BUREAU	3 4
INGROVE AIRPORT	7931	SNYDER	SUSQUEHANNA	40 49	76 52	460	EST	5P	5P	58	58		EUGENE H STEESE MGR	2 3 5
LLERSVILLE 2 MI NW	7938	BUCKS	SCHUYLKILL	40 23	75 20	530	EST		MID		11		SELLERSVILLE WATER CO	3 4
ARD	7956	WESTMORELAND	CONEMAUGH	40 25	79 01	1122	EST		7A		10		EDW L STUTZMAN	3 7
ADE GAP	7965	HUNTINGDON	JUNIATA	40 11	77 52	940	EST		MID		10		MRS HELEN L PYLE	3 4
AMOKIN	7978	NORTHUMBERLAND	SUSQUEHANNA	40 47	76 34	750	EST		8A		44		ROARING CREEK WTR CO	3
ARDSVILLE	8000	MERCER	BEAVER	41 16	80 29	951	EST		7A		10		MRS M J KELLEY	3
FIELD 6 MI W CHERRY GROVE	8026	WARREN	ALLEGHENY	41 42	79 09	1940	EST		MID		11		L N HANSON	3 4
PPENSBURG	8073	CUMBERLAND	SUSQUEHANNA	40 03	77 32	709	EST	4P	4P	16	20		STATE TEACHERS COLL	2 3 5
FTHPORT HIGHWAY SHED	8190	MC KEAN	ALLEGHENY	41 48	78 27	1510	EST		MID		11		PENNA DEPT OF HWYS	3 4
MERSET WATER WORKS	8249	SOMERSET	YOUGHIOGHENY	40 01	79 05	2100	EST	6P	6P	79	65		D L GROVE	2 3 5
MERSET 2 MI E SUBSTATION	8254	SOMERSET	YOUGHIOGHENY	40 01	79 03	2280	EST		7A		13		PENNA ELECTRIC CO	3
TH CANAAN 1 MI E	8275	WAYNE	DELAWARE	41 31	75 24	1380	EST		MID				EUGENE M COOK	3 4
TZ MOUNTAIN	8308	FRANKLIN	POTOMAC	39 51	77 30	1600	EST		7A		9		PENNA DEPT OF HEALTH	3
RING GROVE	8379	YORK	SUSQUEHANNA	39 52	76 52	470	EST		4P		8		P H GLATFELTER CO	3 4
RINGS 1 MI SW	8395	SOMERSET	YOUGHIOGHENY	39 44	79 10	2500	EST	8P	8P	29	29		ALLEN E YODER	2 3 5
RUCE CREEK	8405	HUNTINGDON	JUNIATA	40 36	78 08	760	EST		7A		2		MRS C E SEIBER	3
ATE COLLEGE	8449	CENTRE	WEST BRANCH	40 48	77 52	1175	EST	MID	MID	61	64		PENNA STATE COLLEGE	2 3 4 5
RAUSSTOWN	8570	BERKS	SCHUYLKILL	40 30	76 11	600	EST		8A		3		ROBT B HIESTER	3
RONGSTOWN	8589	INDIANA	CONEMAUGH	40 33	78 55	1880	EST		MID		8		HARRY F BENNETT	3 4
ROUDSBURG 2 MI E SUBSTATION	8596	MONROE	DELAWARE	41 00	75 09	327	EST	9A	9A	31	31		METROPOLTN EDISON CO	3
ROUDSBURG	8601	MONROE	DELAWARE	40 59	75 11	390	EST		MID		10		SEWAGE TREATMENT WKS	3 4
MP CREEK	8610	JEFFERSON	ALLEGHENY	41 01	78 50	1320	EST		7A		8		U S E P B G	3
NBURY	8668	NORTHUMBERLAND	SUSQUEHANNA	40 51	76 48	440	EST		7A		26		CHAS W BAYLER	3 4 7
NBURY AIRPORT 2 MI N	8673	NORTHUMBERLAND	SUSQUEHANNA	40 54	76 47	454	EST	MID	MID	3	3		CIVIL AERO ADM	2 3 5
SQUEHANNA	8692	SUSQUEHANNA	SUSQUEHANNA	41 57	75 36	1000	EST		7A		14		LAURA BENSON	3
TERSVILLE	8699	WESTMORELAND	YOUGHIOGHENY	40 14	79 48	770	EST		7A		8		J H CRUMRINE	3 7
MAQUA	8758	SCHUYLKILL	SCHUYLKILL	40 48	75 58	800	EST		7A		7		MARY L ROBERTS	3
MAQUA 4 MI N STILL CRK DAM	8763	SCHUYLKILL	SCHUYLKILL	40 51	76 00	1120	EST		7A		16		PANTHER VALLEY WTR CO	3 4
MARACK 2 MI S FIRE TOWER	8770	CLINTON	WEST BRANCH	41 24	77 51	2200	EST	7A	7A	6	8		JAMES E SWARTZ	2 3 5
ONESTA 2 MI SE DAM	8873	FOREST	ALLEGHENY	41 29	79 26	1200	EST	8A	8A	5	12		U S E P B G	2 3 5
TUSVILLE 2 MI S	8880	VENANGO	ALLEGHENY	41 36	79 40	1550	EST	5P	5P	5	5		U S WEATHER BUREAU	2 3 5
TUSVILLE	8885	CRAWFORD	ALLEGHENY	41 38	79 40	1200	EST		MID		10		PENNA ELECTRIC CO	3 4
ANDA	8905	BRADFORD	SUSQUEHANNA	41 46	76 26	755	EST	7P	7P	54	54		MRS M O PARKS	2 3 4 5
WER CITY 5 SW	8910	DAUPHIN	SUSQUEHANNA	40 32	76 37	725	EST		ss		3		HARRISBURG WATER DEPT	3
NKHANNOCK 1 MI S AIRPORT	8982	WYOMING	SUSQUEHANNA	41 32	75 57	639	EST	9A	9A	3	7		J D CHAMBERS MGR	2 3 4 5
NNELTON	8989	INDIANA	CONEMAUGH	40 27	79 23	900	EST		MID		8		W D WEIMER	3 4
RONE 4 MI NE BALD EAGLE	9024	BLAIR	JUNIATA	40 43	78 11	1080	EST		MID		11		FRED L FRIDAY	3 4
ION CITY 1 MI W	9041	ERIE	ALLEGHENY	41 54	79 52	1280	EST		MID		11		PENNA ELECTRIC CO	3 4
IONTOWN	9050	FAYETTE	MONONGAHELA	39 54	79 44	1040	EST	6P	6P	59	60		WM W MARSTELLAR	2 3 5
NDERGRIFT	9128	WESTMORELAND	KISKIMINETAS	40 36	79 33	800	EST		7A		9		UNITED ENG & FNDRY CO	3 7
NDERGRIFT 2 MI W	9133	WESTMORELAND	KISKIMINETAS	40 36	79 35	995	EST		MID		10		EUGENE R YOUNG	3 4
RGINVILLE	9196	BERKS	SCHUYLKILL	40 31	75 52	230	EST		8A		3		IRENE M WERLEY	3
RREN	9298	WARREN	ALLEGHENY	41 50	79 09	1190	EST	7P	7A	52	60		MERRELL L JORDAN	2 3 5 7
SHINGTON	9312	WASHINGTON	OHIO	40 11	80 14	1200	EST		MID		10		PENNA DEPT OF HWYS	3 4
TROUS 9 MI S LEE FIRE TOWER	9340	TIOGA	WEST BRANCH	41 37	77 33	2425	EST		7A		5		PA DEPT FRST & WTRS	3
TSONTOWN	9345	NORTHUMBERLAND	WEST BRANCH	41 05	76 52	490	EST		6P		1		WILLIAM H BIRD	3
YNESBURG 2 MI W	9362	GREENE	MONONGAHELA	39 54	80 13	980	EST	6P	7A	19	21		MFRS LIGHT & HEAT CO	3 4
ROUGH OF WAYNESBURG	9367	GREENE	MONONGAHELA	39 54	80 10	940	EST		MID		10		RALPH M AMOS	2 3 5
BSTER MILLS 3 MI SW	9380	FULTON	POTOMAC	39 50	78 05	920	EST		MID		7		WM D COVER	3
LLSBORO	9407	TIOGA	WEST BRANCH	41 45	77 17	1319	EST	7A	7A	69	78		M S BLISS	2 3 5
LLSBORO 2 MI E	9412	TIOGA	WEST BRANCH	41 45	77 15	1610	EST		MID		12		IDA S MAYNARD	3 4
LLSVILLE	9420	YORK	SUSQUEHANNA	40 03	76 57	500	EST	5P	5P	2	2		D D HOOVER	2 3 5
RNERSVILLE	9430	BERKS	SCHUYLKILL	40 20	76 05	400	EST		7P		11		J H THOMPSON	3
ST CHESTER	9464	CHESTER	DELAWARE	39 57	75 36	400	EST	7P	7P	93	98		CLYDE T SAYLOR	2 3 5
ST GROVE 1 MI SE	9503	CHESTER	DELAWARE	39 48	75 49	452	EST		8A		19		CONRAD-PYLE CO	3
ITESBURG	9655	ARMSTRONG	ALLEGHENY	40 45	79 24	1530	EST		7A		8		U S E P B G	3
LKES-BARRE	9702	LUZERNE	SUSQUEHANNA	41 15	75 52	700	EST		7A		63		MRS MARY G MIRMAK	3 7
LLIAMSPORT 4 SE	9723	LYCOMING	WEST BRANCH	41 13	76 57	1990	EST		7A		8		PA DEPT FRST & WATERS	3
LLIAMSPORT 4 E WB AIRPORT	9728	LYCOMING	WEST BRANCH	41 14	76 55	520	EST	MID	MID	8	8		U S WEATHER BUREAU	2 3 4 5
LLIAMSPORT	9733	LYCOMING	WEST BRANCH	41 15	77 01	540	EST		7A	55	62		ROBERT KEYSER	3 4 7
LLIAMSTOWN	9741	DAUPHIN	SUSQUEHANNA	40 35	76 38	775	EST	5P	7A	33	14		GORDON E LOWER	2 3 5 5
ND GAP 3 MI SW	9781	NORTHAMPTON	DELAWARE	40 49	75 20	730	EST		MID		3		GEO R HARTZ	3 4
RK 3 MI SW PUMP STATION	9933	YORK	SUSQUEHANNA	39 55	76 45	390	EST	5P	5P	50	61		CLAYTON L BOTT	2 3 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
YORK 2 MI S FILTER PLANT	9938	YORK	SUSQUEHANNA	39 56	76 44	640	EST		MID		11		YORK WATER CO	3 4
YORK HAVEN	9950	YORK	SUSQUEHANNA	40 06	76 43	300	EST		8A		28		METROPOLTN EDISON CO	m
YOUNGSVILLE	9966	WARREN	ALLEGHENY	41 51	79 19	1205	EST		MID		8		HIRAM C LYONS	3 4
ZIONSVILLE 1 MI SW	9994	LEHIGH	SCHUYLKILL	40 28	75 31	820	EST		6P		17		HORACE MILLER	m

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24-hours ending at time of observation. See the Station Index for observation time.

- \- No record.
- \+ And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with windshield.
- 6 No recording gage, precipitation is measured at 6-hourly intervals.
- m One or more days of record missing; see Table 5 for detailed daily record.
- ss This entry in time of observation column in Station Index means sunset.
- r Station equipped with recording gage only. All amounts in Table 3 are from the non-recording gages, except for stations with this reference.
- x Daily precipitation totals in Table 3 are for the 24-hours ending at 1:30 A.M., E.S.T., of the following day.
- z Hourly amounts from recording gage at the same site may be found in Table 4.
- T Trace, an amount too small to measure.

Data in Table 4 were formerly published in the Hydrologic Bulletins for the North Atlantic District and Ohio River District. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15¢ per copy; $1.50 a year. (Yearly subscription includes Annual Summary. Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Federal Building, Albany 1, N.Y.)

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

PENNSYLVANIA

ANNUAL SUMMARY 1948

Volume LIII No. 13

ALBANY: 1949

PENNSYLVANIA - 1948

L. F. Conover, Section Director - Harrisburg

GENERAL SUMMARY

JANUARY - January was the 6th coldest and 5th snowiest of record. It was 14° per day colder than January 1947. The cold aggravated a bad fuel shortage and in many localities, the use of gas for industrial purposes had to be cut off. Fuel oil was also in very short supply. Precipitation was very frequent, although slightly below normal, but snowfall was about double the normal owing to the cold. New Year's Day recorded rain, sleet and freezing rain, causing slippery roads that resulted in many traffic accidents.

FEBRUARY - Normal temperatures, a surplus of sunshine and a deficiency in precipitation were the key notes of the month. January's cold spell continued during the first 11 days of February after which rapid warming took place, thawing most of the snow cover and rotting the ice in the rivers. Ice generally moved out of the rivers without untoward incident from about the 15th to the 17th.

MARCH - Temperatures averaged well below normal until about the 14th and rose above normal the remainder of the month which was fairly mild for March. The premature warm spell reached a climax on the 21st, Palm Sunday. However, Easter on the 28th, was marred by cold blustery weather with light snow in nearly all sections. A tornado struck Mount Pleasant in Westmoreland County about 7:30 P.M. on the 19th. Three children sustained minor injuries due mostly to flying glass. Many thousands of dollars of property damage resulted from this storm. The north branch of the Susquehanna River went out of its banks at Towanda, Wilkes-Barre, and Danville on the 23rd and 24th. High water on the Delaware River on the 22nd and 23rd caused very little damage or inconvenience to traffic. Considerable damage resulted from flooding on the Upper Allegheny River Basin from the 22nd to the 25th.

APRIL - This month was wet and warm. 1929 is the only year of record that had a greater average rainfall. There are only 3 other Aprils of record with less average snowfall. The heavy rainfall from the 11th to the 15th caused rises in rivers throughout the State. The crest at Pittsburgh was nearly 5 feet above flood stage but was not high enough to cause great damage or loss of property since in most cases there had been sufficient warning to permit protection of property. Crest stages on the main stream of the Susquehanna did not reach flood. Slight flooding occurred on the lower portions of the west branch and some flooding occurred in the headwaters of the Juniata River.

MAY - The month was cool and wet delaying agriculture and many outdoor activities. Freezing temperatures were reported periodically throughout the month over the state; the final cool spell on the 31st resulted in frost in the Wellsboro area.

JUNE - This was the second consecutive cool and wet month. After the first 5 days, there were thunderstorms reported some place in Pennsylvania on 21 of the following 25 days. Hail stones, 2 inches in diameter, fell in Bloserville on the 12th. Summer came abruptly by the 24th, on which date Philadelphia Airport reported a velocity of 70 miles per hour, with gusts to 90 miles per hour during a thunder squall. A tornado was reported to have caused $100,000 worth of damage in Hazelton on the 27th. Rainfall for the first 6 months is now 3 inches in excess of average and the temperature has averaged 1.5° per day below normal.

JULY - Most nights were comfortably cool and very few days saw the mercury rising into the 90's. Temperatures averaged normal, while precipitation averaged slightly below normal. Damage reports from thunderstorms were numerous, the outstanding being the Consolidated School Building near Wilkes-Barre, which was struck by lightning and burned to the ground at a loss of a quarter million dollars.

AUGUST - The first 3 weeks were unusually cool while the last decade of the month was one of the hottest in several years. Counties in the southern half of the State experienced 1 to 3 days with the thermometer exceeding 100°.

SEPTEMBER - A mild and unusually dry month with a little less sunshine than normal. Frosty mornings were prevalent in the central areas beginning on the 22nd. The month's low of 25° at Philipsburg was 8° warmer than the all-time September minimum recorded there a year previously. Only 6 other Septembers have had less precipitation recorded. The greatest deficiencies, 3.00 inches or more, were in Wayne, Pike, Monroe, Luzerne, Sullivan and Columbia Counties, and localities in Bradford County. Water supply became low in central counties and in the northeastern daily area, some hauling of water was necessary during the first 3 weeks in September. Some wells went dry in central localities the last half of the month.

OCTOBER - This was more cloudy and cooler than usual with a rainy period that lasted through the first 3 weeks. The 3rd decade had typical summer weather that enabled farmers to complete many fall chores. Sunday travelers in the north-central counties were caught in the sudden snow storm on the 17th when Tioga and Bradford Counties reported 4 to 5 inches of snow. Earlier snow storms have been reported but this occurrence was unusual. Freezing temperatures on the 19th, following the snow storm, ended vegetal growth generally over the State. Twenty aged inhabitants of the industrial town of Donora, died of respiratory or cardiac diseases and some 400 others were stricken during the period of the 26th to the 31st, when an oppressive fog blanket accumulated in that vicinity.

NOVEMBER - November was a warm, wet month with temperatures averaging 4.6° above normal and precipitation 1.6 inches above normal. Temperatures and precipitation averaged above normal at all stations during the month, except Corry and Warren where slight deficiencies were recorded. This is the first month since June which has had an excess of precipitation.

DECEMBER - This was the second consecutive month of above normal values for the State following 4 months of below normal values. The Monongahela flooded briefly on the 16th when precipitation for the week ending December 20th averaged over twice normal in that watershed. A glaze storm in the central and eastern portions of the State on the 15th and 16th hampered traffic and caused some wire trouble. Christmas week marked the end of 8 consecutive weeks of above normal temperatures. The snow storm on the 19th produced depths up to 10 inches in the mountains and eastern portion of the State with some snow continuing on the ground for Christmas.

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TEMPERATURE

Based on the records from 93 temperature stations, the average annual mean temperature for the State was 50.2°, which is the mean for the past 61 years. The highest annual mean temperature was 64.4° at Newell; the lowest was 44.0° at Kane. The highest temperature reported was 106° at Marcus Hook on August 27th; the lowest was -31° at Kane on January 31st. The annual range for Pennsylvania was 137 degrees; the greatest local annual range was 126°+ at Lawrenceville; the least local annual range was 94° at Erie. Maxima of 100° were reported on only 5 days, viz: June 27th, August 26th, 27th, 28th, 29th.

PRECIPITATION

Based on the records from 203 precipitation stations, the average annual precipitation for the State was 46.31 inches, which is 4.25 inches above the mean for the past 61 years. The average annual snowfall for the State was 46.3 inches which is 4.3 inches above the mean for the past 60 years. The greatest annual precipitation was 67.09 inches at Kregar; the least annual amount was 36.64 inches at Lawrenceville. The greatest local monthly amount was 10.67 inches at Pottstown in May; the least local monthly amount was 0.17 inches at Dingman's Ferry in September. The greatest amount in any 24-hour observational day was 4.44 inches at Claysville on August 5th. The average number of days with .01 inch or more of precipitation was 141 which is 14 above the mean for the past 61 years.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375.000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

The Department of Forests and Waters of the Commonwealth of Pennsylvania h made available for inclusion in this bulletin the records from approximate 90 recording precipitation stations.

Previous to the introduction of this bulletin series, data from Hydroclima Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire Unit States, but since the Network was established to meet the internal require ments of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where re erence copies of the Hydrologic Bulletin Series are available for inspecti may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, an individuals as listed in the Station Index.

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
ALBION	18.2	-	24.4	-	34.6M	-	50.7	-	53.0	-	64.5M	-	-	-	-	-	-	-	-	-	43.6M	-	32.7	-	-	-
ALLENTOWN BETH EAST AP	20.0	- 9.3	25.8	- 4.0	40.3	2.6	49.8	1.1	59.6	- 0.9	68.3	- 1.5	74.5	0.3	72.5	0.4	65.4	0.6	51.9	- 1.1	47.3	5.3	31.4	- 1.3	52.3	1.1
ALLENTOWN GAS CO	22.0	- 6.9	27.5	- 2.0	41.0	2.8	51.2	2.4	60.0	- 0.8	68.2	- 1.8	74.4	0.4	73.2	1.3	65.6	0.4	52.6M	- 0.5	48.5	5.9	33.5	1.7	51.5	0.3
ALTOONA HORSESHOE CURVE	20.6	- 6.9	28.9	1.3	41.2	3.8	51.5	3.4	57.9	- 1.3	66.8	0.0	71.2	0.3	68.8	- 0.3	63.0	- 0.1	49.3	- 2.8	44.7	4.2	31.7	2.0	49.7	0.4
ARENDTSVILLE	22.8	- 7.1	29.9	- 1.6	42.5	2.6	51.6	1.7	61.0	- 0.1	69.8	- 0.9	73.8	- 0.6	72.4	- 0.1	65.1M	- 0.8	52.1M	- 2.0	47.0	4.2	33.5	0.7	51.8	- 0.3
AVOCA WILKES BARRE AP	18.6	-	24.5	-	38.0	-	49.1	-	57.9	-	67.0M	-	72.2	-	70.4	-	64.2	-	50.7	-	46.3	-	31.1	-	49.2	-
BAKERSTOWN 4 WNW	-	-	-	-	-	-	-	-	-	-	-	-	66.6	-	64.8	-	61.1	-	-	-	43.3	-	31.3	-	-	-
BEAVERTOWN	19.9M	-	26.5M	-	-	-	-	-	-	-	-	-	-	-	-	-	65.2	-	50.6M	-	45.8	-	32.3	-	-	-
BELLEFONTE ROCKVIEW FM	19.7	-	28.8M	-	-	-	51.2	-	59.6	-	67.6	-	72.8	-	70.1	-	62.6M	-	48.9	-	44.9M	-	31.3	-	-	-
BERWICK	20.4	-	27.0	-	41.5	-	52.2	-	61.4	-	60.0	-	74.6	-	72.6	-	66.6M	-	52.2	-	48.4	-	32.7	-	50.8	-
BETHLEHEM LEHIGH UNIV	-	-	30.8M	- 0.4	42.3	1.9	50.0	- 1.3	60.1	- 2.4	69.2	- 1.5	74.8M	- 0.2	72.8	- 0.4	66.8M	- 0.1	52.8	- 2.9	48.2	3.8	34.3M	1.0	-	-
BLAIRSVILLE 6 ENE	17.6	-	29.2	-	40.4	-	50.2	-	56.6	-	66.2	-	69.6M	-	68.0	-	63.2	-	48.3M	-	44.5	-	31.2	-	48.8	-
BRADFORD 4 W RES 1	16.2	- 7.5	23.5	- 2.2	34.8	- 0.2	48.3	3.1	53.3	- 2.1	62.6	- 2.5	66.4	- 1.7	64.6	- 2.0	58.2	- 2.1	46.7	- 3.1	42.7	3.9	28.9	1.3	45.5	- 1.3
BROOKVILLE AIRPORT	17.0	- 7.6	25.6	0.8	37.4	3.8	49.5	4.6	55.8	0.0	64.6	0.6	68.5	0.4	66.2	0.1	60.8M	0.4	47.6M	- 1.6	43.3	5.6	30.6	2.7	47.7	1.3
BURGETTSTOWN 3 W	-	-	-	-	-	-	-	-	55.8	-	66.2	-	70.6	-	67.9	-	62.3	-	47.7	-	44.1	-	31.5	-	-	-
BURNT CABINS 2 NE	20.6	-	28.6	-	40.4	-	50.4	-	58.8	-	67.1M	-	71.9	-	69.2	-	63.2M	-	48.3	-	43.0	-	31.0M	-	49.4	-
BUTLER	21.3	- 7.7	30.4	2.0	42.6	4.5	54.6	6.3	58.4	- 1.5	68.4	- 0.2	72.8	0.4	70.4	0.4	64.6	0.4	51.0M	- 1.8	46.8	5.6	34.0	2.8	51.3	1.0
CANTON 1 NW	15.5	-	22.3	-	33.2	-	45.2	-	52.7	-	63.0	-	68.5	-	69.8	-	65.3M	-	47.2	-	43.6	-	29.1	-	46.3	-
CARLISLE	23.4	- 5.2	29.2	- 1.2	43.2	4.4	52.5	1.8	61.3	- 0.5	69.9	- 1.2	74.2	- 0.8	71.8	- 1.0	65.0	- 0.5	51.4	- 1.7	46.5	4.9	33.2	1.5	51.8	0.0
CHAMBERSBURG	22.9	- 6.9	30.2	- 1.6	43.0	3.0	51.6	1.1	60.8	- 0.8	69.8	- 0.5	74.2	- 0.6	71.8	- 0.6	65.4	- 0.9	51.6	- 1.8	46.1	3.6	33.4	0.3	51.8	- 0.4
CLARION 3 SW	17.4	-	25.9	-	38.6	-	50.4	-	56.8	-	65.3	-	69.4	-	67.3	-	61.6	-	48.2M	-	43.2	-	30.2	-	47.9	-
CLAYSVILLE	21.0	- 9.8	32.4	1.1	43.6	2.9	55.0	4.6	58.0	- 2.8	70.2	1.0	72.3	- 0.6	69.8	- 1.5	64.2	- 1.4	49.1	- 4.7	46.4	4.3	34.7	2.3	51.2	- 0.6
COALPORT	17.4	-	25.8	-	36.8	-	48.1	-	55.1	-	64.0	-	68.5	-	66.0	-	60.6	-	-	-	42.2	-	28.5M	-	-	-
COATESVILLE 1 SW	22.8	- 7.4	28.2	- 2.4	41.0	1.1	50.4	- 0.1	59.9	- 1.6	69.6	- 0.8	73.7	- 1.2	71.7	- 1.1	64.3	- 2.0	51.8	- 2.4	47.6	4.6	34.0	1.2	51.2	- 1.1
COLUMBIA	26.0	-	31.4	-	45.2	-	53.6	-	62.8	-	71.4	-	76.6M	-	74.4	-	67.3	-	53.8	-	49.1	-	35.8	-	54.0	-
CONFLUENCE 1 SW	19.4	-	29.7	-	41.6	-	52.0	-	56.9	-	66.9	-	70.9	-	69.0	-	62.7	-	49.7M	-	44.4	-	32.1	-	49.6	-
CORRY	17.8	- 6.7	26.1	0.9	36.9	3.9	51.5	6.4	56.0	0.8	65.2	- 0.2	75.0	5.9	67.2	0.2	61.7	0.6	47.8	- 1.5	44.7	6.0	31.4	3.0	48.1	1.3
COUDERSPORT	16.6	- 7.2	24.1	- 0.1	36.4	2.7	49.0	4.6	53.8	- 2.4	63.0	- 1.2	67.4	0.6	65.9	- 0.3	60.2	0.1	46.9	- 2.2	41.9	5.1	29.8	3.5	46.3	0.2
CURWENSVILLE 6 NW APT	15.2	-	24.4	-	35.8	-	47.0	-	54.2	-	63.4M	-	66.6M	-	65.7	-	60.2	-	46.4	-	40.7	-	27.7	-	45.6	-
DERRY	22.2	- 8.4	34.1	3.9	45.3	5.3	55.6	6.0	59.4	- 1.4	68.7	- 0.3	73.2	0.5	70.3	1.0	65.2	- 0.3	50.3M	- 3.8	48.1	5.9	35.2	2.2	52.3	0.9
DONEGAL	16.9	-	28.3	-	38.6	-	49.0	-	54.0	-	65.2	-	67.4	-	65.2	-	60.4	-	45.4M	-	41.3	-	29.2	-	46.6	-
DONORA	25.2	- 8.4	36.8	2.5	47.0	4.4	56.6	4.7	62.4	- 0.7	72.4	- 0.4	75.9	0.0	73.7	0.0	68.6M	0.5	53.8M	- 2.4	51.3	6.1	39.3	3.6	55.7	1.3
EAGLES MERE	14.6	-	21.2	-	32.8	-	44.0	-	52.9	-	62.2	-	67.4	-	66.5	-	59.3	-	46.6	-	42.5	-	27.3	-	45.2	-
EAST WATERFORD 3 E	19.4	-	27.6	-	39.0	-	48.4	-	56.8	-	66.4	-	70.6	-	69.2	-	63.4	-	49.0	-	44.2	-	31.0	-	48.8	-
EBENSBURG	18.2	- 7.4	27.5	0.3	38.9	3.4	48.8	3.6	55.4	- 1.1	64.8	- 0.1	68.5	0.2	66.6	- 0.1	62.6	1.4	48.0M	- 1.8	42.7	4.1	29.7	1.3	47.6	0.3
EMPORIUM	18.5	- 7.5	25.3	- 0.5	36.0	0.7	49.7	3.0	55.8	- 2.2	65.9	- 0.1	70.1M	0.3	68.8	1.2	62.6	1.1	49.5M	- 0.6	43.5	4.2	30.1	0.8	48.0	0.0
EPHRATA	24.6	- 5.7	31.0	0.4	44.3	4.0	52.8	1.6	61.5	- 0.4	70.5	0.6	75.2M	0.2	72.9	0.4	66.9	0.5	54.0	- 0.5	49.0	5.5	36.3	3.6	53.3	0.9
ERIE WB CITY	22.2	- 4.6	28.3	1.4	37.1	3.6	50.3	5.2	54.3	- 2.5	66.6	0.4	73.0M	2.0	71.4	1.8	66.4	2.8	51.4	- 2.0	48.9	7.5	35.2	3.3	50.5	1.7
EVERETT	21.4	- 6.7	29.7	2.1	41.0	1.4	51.2	2.3	59.8	- 0.1	67.4	- 0.1	71.9	0.2	69.0	- 0.7	62.4	- 0.6	48.8	- 3.0	40.9M	0.2	31.7	2.1	49.6	- 0.2
FARRELL SHARON	21.4	- 6.8	30.4	1.9	42.7	4.7	57.2	8.3	61.4	1.4	72.0	1.5	-	-	73.8	2.7	-	-	-	-	45.0	3.4	33.7	2.7	-	-
FORD CITY 4S	16.8	-	-	-	41.4	-	51.4	-	56.6	-	67.7	-	70.4	-	68.1	-	62.5	-	48.3M	-	43.3	-	31.3	-	-	-
FRANKLIN	18.4	- 8.0	25.0	- 0.7	37.2	1.8	50.4	4.3	55.5	- 2.5	65.5	- 0.8	70.4	- 0.3	68.8	0.4	62.6	- 0.1	49.4M	- 1.7	44.9	5.3	32.2	2.8	48.4	0.1
FREDERICKSVILLE 1 SE	20.8	-	27.2	-	39.9	-	49.8	-	60.0	-	66.6	-	73.4	-	72.7	-	64.4	-	53.1M	-	48.4	-	32.9	-	50.8	-
FREELAND	18.2	- 6.0	24.8	0.2	36.2	3.2	47.1	2.6	56.4	- 0.4	65.0	- 0.1	71.2	2.1	69.0	2.2	64.4	4.2	49.3	1.5	44.7	7.2	30.3	3.1	48.1	1.7
GEORGE SCHOOL	23.2	- 7.9	28.8	- 2.6	41.6	1.0	49.8	- 0.6	59.9	- 1.4	68.1	- 1.5	73.9	- 0.4	72.6	0.4	65.6	- 0.9	52.8	- 2.5	48.3	4.3	34.0	0.6	51.6	- 0.9
GETTYSBURG	25.1	- 5.0	31.8	0.3	45.5	5.0	52.8	1.8	62.2	0.3	71.0	0.6	75.4	0.8	73.0	0.6	66.3	0.2	53.6	0.0	48.2	5.6	35.2	2.5	53.3	1.0
GORDON	17.6	- 9.3	25.4	- 1.9	38.3	1.5	48.9	1.3	58.9	0.5	66.1	- 0.2	70.9	0.3	68.9	0.5	62.7	0.3	48.8	- 2.0	45.2	5.1	30.1	0.7	48.5	- 0.3
GREENSBURG 2 S FILT STA	21.0	- 9.9	31.8	0.3	44.0	4.0	54.4	4.1	63.4	2.9	67.0	- 1.9	71.3	- 1.2	68.5	- 2.3	63.2	- 2.2	49.4	- 4.7	45.8	3.0	33.9	1.1	51.1	- 0.6
GREENVILLE	18.2	- 9.2	26.8	- 0.3	38.6	1.8	52.2	5.5	56.0	- 2.2	65.0	- 2.3	71.1	- 0.3	68.2	- 0.8	63.5	0.4	48.5M	- 2.7	45.7	5.6	32.7	1.9	49.3	0.2
HANOVER	25.0	- 7.5	31.4	- 1.7	44.0	2.0	52.0	- 0.4	61.4	- 2.0	70.2	- 1.4	75.1	- 0.7	73.0	- 0.6	66.6	- 1.1	52.5	- 3.6	49.0	4.0	35.7	1.2	53.4	- 0.6
HARRISBURG 3 S WB AP	23.6	- 5.4	30.1	- 0.1	43.0	4.1	52.2	1.3	61.4	- 0.4	70.4	0.1	75.3	0.5	73.1	0.5	66.4	0.6	52.8	- 2.0	48.2	5.4	34.3	1.6	52.6	0.5
HAWLEY	17.6	- 7.4	23.1	- 2.5	36.0	1.6	48.4M	2.8	57.1	- 0.4	65.2	- 1.0	70.7	0.3	68.9	0.9	61.4	0.3	48.4	- 1.1	44.0	4.7	28.7	0.5	47.5	- 0.1
HAWLEY 1 S WALLEN DAM	-	-	-	-	-	-	52.2	-	60.4	-	66.0	-	64.2	-	56.8	-	44.4	-	-	-	-	-	-	-	-	-
HEWITT 2 S	24.3M	-	31.2	-	44.0	-	52.6M	-	58.7	-	67.6M	-	71.4M	-	72.9	-	65.4M	-	51.6M	-	44.1M	-	37.6M	-	51.8	-
HOLTWOOD	25.0	- 6.5	29.8	- 2.8	43.0	1.8	51.8	0.3	61.8	- 1.5	71.6	- 1.2	77.0M	- 0.1	74.7	- 0.4	69.0M	- 0.1	54.3	- 2.3	49.8	4.5	36.5	2.0	53.7	- 0.5
HUNTINGDON	-	-	-	-	41.4M	2.7	51.3M	1.9	58.9	- 1.6	68.2M	- 0.5	72.2	- 0.3	70.4	- 0.3	63.6	- 1.0	50.7	- 2.0	45.3	3.6	32.9	1.4	-	-
INDIANA 2 SE	18.8	-10.3	29.2	- 0.4	42.2	4.4	53.0	3.7	57.2	- 2.6	66.6	- 1.4	69.9	- 1.8	67.8	- 2.1	62.4	- 2.0	49.1M	- 3.4	45.1	3.8	32.2	1.4	49.5	- 0.9
INDIANA	21.7	- 7.4	31.8	2.2	43.2	4.4	54.6	5.3	-	-	69.2	1.2	73.0	1.3	70.6	0.7	65.9	1.5	51.1M	- 1.4	47.0	5.7	33.9	3.1	-	-
IRWIN	22.3	- 7.8	32.6	2.4	44.7	4.8	55.4	5.9	59.4	- 1.0	69.3	0.8	73.5	1.1	71.0	0.2	65.5	0.1	49.3M	- 4.6	46.8	4.6	-	-	-	-
JAMESTOWN 2 NW	-	-	-	-	38.2	-	-	-	55.0	-	65.2	-	70.6	-	67.9	-	62.2	-	47.7M	-	43.8	-	31.1	-	-	-
JOHNSTOWN 1	22.6	- 7.6	31.1	0.8	43.5	4.3	53.6	3.8	60.5	- 0.5	69.5	0.1	78.5	5.5	71.2	0.1	65.5	0.1	51.9M	- 1.7	47.0	5.0	34.5	2.2	52.1	0.7
KANE 1 NW	12.8	-	21.6	-	33.0	-	45.8	-	51.7	-	66.0	-	65.2	-	62.5	-	57.0	-	44.1	-	40.8	-	27.5	-	44.0	-
LANCASTER 2 NE PUMP STA	23.6	- 6.4	29.0	- 2.1	44.2	4.3	52.2	2.6	61.2	- 0.1	69.2	- 1.1	73.4	- 0.8	70.6	- 1.8	63.5	- 2.2	51.6	- 2.0	48.4	6.2	33.8	0.8	51.8	- 0.2
LANCASTER 3 NE EXP FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71.8	-	64.7	-	50.6	-	47.9	-	33.9	-	-	-
LAWRENCEVILLE	17.9	- 7.2	23.6	- 1.3	36.7	2.0	50.2	4.2	56.4	- 1.2	66.4	0.1	71.0	0.4	69.0	0.6	62.8	0.9	49.4	- 1.2	45.8	6.6	30.0	1.9	48.7	0.9
LEBANON	21.4	- 7.7	28.0	- 1.6	41.8	2.6	50.8	0.5	60.8	- 0.5	69.7	- 0.3	75.1	0.9	73.2	1.0	65.6	- 0.2	52.2	- 1.5	47.9	5.2	32.8	0.8	51.2	- 0.5
LEWISTOWN	21.1	-	28.0M	-	41.5	-	52.0	-	-	-	69.4	-	74.0	-	72.5	-	65.6	-	51.6	-	47.2	-	33.3	-	-	-
LOCK HAVEN 1	-	-	26.2	- 2.2	39.6	1.1	51.8	1.5	60.8	- 1.0	67.6	- 2.1	-	-	-	-	65.0	0.1	50.6	- 2.6	45.4	3.7	31.9	1.0	-	-
MARCUS HOOK	28.6	- 6.8	34.3	- 1.1	45.1	0.2	54.0	- 0.7	63.8	- 2.3	73.0	- 2.3	79.1	0.1	77.9	1.3	70.9	0.0	58.4M	- 1.3	53.8	5.7	40.4	2.0	56.7	- 0.3
MARTINSBURG BLAIR CO AP	20.0	-	27.9	-	40.8	-	50.8	-	57.4	-	66.8M	-	70.6	-	68.7	-	63.3	-	49.2	-	44.4	-	31.5	-	49.3	-
MAUCH CHUNK 1 SW	-	-	-	-	-	-	-	-	58.4	- 1.3	67.0M	- 0.9	70.0M	2.1	68.6	- 1.3	61.0	- 3.0	49.0M	- 3.2	45.2M	4.1	29.1M	- 1.4	-	-
MEADVILLE 1 S	17.2	- 8.1	25.6	1.2	37.7	2.9	50.6	5.0	54.7	- 2.3	65.2	- 0.7	70.5	0.8	68.0	0.3	61.6	- 0.5	48.6	- 2.1	44.2	5.2	31.2	2.2	47.9	0.3
MERCER 5 NE WB AIRPORT	17.0	-	26.4	-	37.4	-	49.8	-	54.9	-	65.0M	-	69.4M	-	66.9	-	-	-	-	-	-	-	-	-	-	-
MERCER HGWY SHED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.4M	-	45.1	-	32.3	-	-	-
MIDDLETOWN OLMSTED FLD	23.0	- 7.2	29.2	- 2.0	42.4	2.2	51.8	1.7	61.4	- 0.5	70.6	0.1	75.6M	0.7	73.1	0.3	66.1M	- 0.1	52.6M	- 1.9	47.7	4.3	34.3	1.3	52.4	0.0
MIDLAND DAM NO 7 LOWER	22.0	- 7.9	31.2	- 0.2	42.8	2.6	54.6	3.9	58.7	- 2.3	68.8	- 1.3	73.0	0.2	70.6	- 1.6	65.8	0.8	50.5M	- 4.0	47.0	4.8	34.8	1.8	51.7	- 0.2
MONTROSE 3 E HGWY SHED	14.8	- 8.1	19.9	- 2.7	31.8	- 0.1	44.7	1.0	52.7	- 2.5	64.4	0.7	68.6	0.3	67.0	0.2	60.4	- 0.1	46.5	- 2.5	43.5M	8.0	27.5M	1.3	45.6	0.1
MOUNT POCONO	15.8	- 7.3	22.0	0.2	33.6	1.7	44.5	2.1	53.3	- 0.8	66.7	5.0	67.2M	1.4	65.6	1.6	59.8M	1.4	-	-	-	-	-	-	-	-
NEFFS MILLS 4 NE	-	-	-	-	-	-	-	-	58.0	-	-	-	70.4	-	68.8	-	62.0	-	-	-	44.2	-	30.3	-	-	-
NEWBURG 3 W	15.8	-	23.6	-	33.8	-	43.3	-	52.4	-	61.6	-	66.0	-	64.4	-	57.8	-	44.3M	-	38.9	-	28.6	-	44.2	-
NEW CASTLE 1 N PUMP STA	19.7	- 8.4	28.4	- 0.4	40.1	3.0	52.7	4.1	57.6	- 2.1	67.4	- 1.7	72.0	- 0.6	69.6	- 0.9	63.7	- 0.7	49.0M	- 3.5	46.2	5.7	32.7	1.8	50.0	- 0.2
NEWELL	26.2	- 6.4	37.6	5.3	48.2	6.4	58.9	8.3	60.6	- 0.6	70.1	0.7	75.0	1.6	73.4	1.5	68.3	1.6	50.9	- 4.4	48.6	4.8	36.4	1.1	54.5	1.6
NEWPORT	-	-	-	-	-	-	50.6	-	60.1	-	69.1	-	72.8	-	71.0	-	63.7	-	49.4	-	44.6	-	30.7	-	-	-
PALMERTON	19.8	- 8.4	25.8	- 3.3	38.8	0.5	49.4	1.1	58.2	- 1.7	66.4	- 2.4	72.5M	- 0.8	71.0	0.4	64.0M	- 0.1	51.3M	- 1.1	47.2	5.5	31.5	0.1	49.7	- 0.8
PARK PLACE 1 NW WB AP	16.8	-	23.7	-	35.0	-	45.6	-	59.0	-	64.0M	-	69.3M	-	68.0	-	61.5	-	47.8	-	43.7	-	29.5	-	47.0	-
PHILADELPHIA DREXEL INS	-	-	-	-	-	-	-	-	-	-	-	-	77.4M	-	75.7	-	69.4	-	56.2	-	52.6	-	38.9	-	-	-
PHILADELPHIA FRANK INST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76.1	-	-	-	57.4M	-	54.3M	-	40.9M	-	-	-
PHILADELPHIA WB AIRPORT	26.0	- 5.1	31.8	- 0.7	43.8	4.7	52.0	0.4	62.0	- 0.1	71.1	0.5	76.4	1.1	74.6	1.3	67.7	1.8	55.3	- 0.2	50.9	7.0	37.2	2.6	54.1	1.2
PHILADELPHIA PT BREEZE	27.4	-	33.8	-	45.5	-	53.2	-	62.6	-	72.0	-	77.2M	-	75.9	-	70.0	-	56.7M	-	52.3	-	39.1	-	55.5	-
PHILADELPHIA SHAWMONT	26.5	- 5.3	32.2	- 1.0	44.4	2.0	53.0	0.7	61.8	- 1.5	71.4	- 1.1	76.2	- 0.3	74.4	0.1	68.5	0.4	55.3	- 0.6	50.2	5.1	36.9	2.9	54.7	0.5
PHILADELPHIA WB CITY	27.3	- 5.3	33.4	- 0.5	44.8	4.0	52.4	0.3	62.2	- 0.7	71.4	0.0	76.8	0.6	75.9	1.1	69.4	1.4	56.9	- 0.9	52.6	6.9	39.3	3.0	55.2	0.8
PHILIPSBURG	15.0	-	23.6	-	35.0	-	47.2	-	54.2	-	61.6	-	65.3	-	63.7	-	57.4	-	45.2	-	40.1	-	27.6	-	44.7	-
PHOENIXVILLE 1 E P STA	28.2M	- 2.8	32.5	0.1	46.6	5.3	55.4	3.5	63.4	1.1	71.4	- 0.3	76.0	0.2	-	-	-	-	54.6M	- 0.7	49.7	5.8	35.7M	2.0	-	-
PITTSBURGH 7 SE WB AP	21.7	-	32.8	-	43.9	-	54.7	-	59.8	-	70.0	1.4	73.8	0.8	72.2	0.9	66.2	1.5	50.7M	- 3.4	48.0	6.8	35.2	3.2	52.9	2.9
PITTSBURGH WB CITY	24.4	- 6.3	34.7	2.4	45.2	5.6	56.0	4.8	61.9	- 0.5	71.8	1.1	75.6	1.0	73.3	0.4	68.1	1.7	52.0	- 3.7	49.5	6.3	37.2	3.0	54.2	1.4
PORT CLINTON	19.7	- 9.1	26.0	- 3.4	38.6	0.1	49.0	- 0.5	57.9	- 3.1	66.2	- 3.0	71.8	- 1.6	70.3	- 0.9	-	-	49.4M	- 3.9	46.4	4.6	30.7M	- 1.1	-	-
PUTNEYVILLE 2 SE	19.0M	-	24.5M	-	36.6	-	49.6	-	54.1	-	59.9	-	68.6	-	66.8M	-	59.6	-	45.9M	-	41.2M	-	27.9	-	46.2	-
QUAKERTOWN	21.4	- 6.2	26.4	- 2.5	41.6	4.1	49.6	1.0	59.2	- 0.5	67.0	- 1.5	72.2	- 0.5	69.4	- 1.0	62.2	- 1.7	50.6M	- 1.6	48.0	6.6	32.8	1.6	50.1	- 0.1
READING WB CITY	24.8	- 6.3	31.2	0.7	44.0	3.4	52.3	1.5	62.0	0.1	71.0	0.7	76.2M	1.0	73.8	0.9	67.4M	0.8	54.4M	- 1.0	50.4	6.5	36.1	1.9	53.6	0.8
RETREAT FARMS	19.4	-	25.3	-	38.0	-	-	-	58.8	-	65.6	-	71.1	-	70.0	-	64.1	-	49.9	-	46.0	-	32.0	-	-	-
RIDGWAY	16.2	- 8.8	23.1	- 1.8	34.8	1.4	48.9	3.7	54.6	- 1.3	64.7	0.3	69.8	1.9	67.8	1.3	61.2	1.2	47.0	- 1.6	42.4	4.4	30.0	2.3	46.7	0.2
SCRANTON WB CITY	19.9	- 6.7	26.4	- 0.9	39.0	3.3	49.6	1.5	58.7	- 0.7	66.7M	- 1.1	72.1	0.4	70.8	1.0	64.6	1.7	51.2	- 0.7	47.7	7.2	32.3	1.6	49.9	0.5
SELINSGROVE AIRPORT	19.8	- 8.9	26.6	- 2.0	41.6	2.9	52.9	3.5	59.5	- 1.3	68.8	- 0.3	73.4	0.0	70.8	- 0.6	64.4	- 0.4	50.[illegible]	- 2.4	46.1	4.3	-	-	-	-
SHIPPENSBURG	24.2	- 6.1	31.0	0.1	44.0	2.9	53.4	2.4	61.8	- 0.9	70.5	- 0.9	75.4	0.7	73.6	0.5	67.3	- 1.2	53.3M	- 1.7	48.0	4.9	34.7	1.9	53.1	0.4
SOMERSET WATER WORKS	18.5	- 8.1	29.4	2.4	41.2	5.3	51.4	5.2	56.3	- 0.4	65.2	- 0.1	68.2	- 0.4	66.0	- 0.9	60.7	0.0	47.3M	- 2.0	43.0	4.3	30.8	1.9	48.2	0.6

See reference notes following Station Index

Table 1—Continued

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
SPRINGS 1 SW	18.0	- 8.5	28.4	1.1	39.4	3.5	48.9	3.4	54.2	- 1.3	62.4	- 1.6	66.4	- 1.0	65.6	- 0.1	59.0	- 0.9	46.0M	- 3.4	42.1	3.6	30.1	0.9	47.2	0.1
STATE COLLEGE	20.5	- 6.3	28.5	1.5	40.5	4.2	51.2	3.6	59.1	0.1	68.2M	1.2	72.3M	1.3	70.6	1.7	64.0	1.2	49.9	- 1.4	45.4	5.3	32.4	2.5	50.7	1.7
STROUDSBURG 2 E SUBSTA	20.4M	- 6.6	26.5	- 1.1	-	-	-	-	-	-	69.4	2.0	75.2	3.2	73.9	3.9	-	-	52.3M	0.3	47.4	6.3	31.8	1.6	-	-
SUNBURY 2 N AIRPORT	20.1	-	26.0	-	39.9	-	50.4	-	59.4	-	68.0M	-	73.5	-	71.8	-	65.2	-	51.1	-	46.4	-	32.0	-	50.4	-
TAMARACK 2 S FIRE TWR	15.6	-	22.9	-	33.8	-	45.6	-	54.2	-	63.6	-	67.8	-	66.3	-	59.5M	-	47.0	-	41.2	-	27.4	-	45.4	-
TIONESTA 2 SE DAM	15.3	-	22.7	-	36.0	-	49.6	-	54.0	-	64.3	-	70.3	-	67.6	-	61.6	-	48.1	-	43.9	-	29.9	-	47.4	-
TITUSVILLE 2 S	17.8	-	26.6	-	37.4	-	50.9	-	53.6	-	63.3	-	68.1	-	65.7	-	60.9	-	47.3	-	44.0	-	31.0	-	47.2	-
TOWANDA	18.4	- 7.2	24.1	- 1.2	37.3	2.1	50.4	3.9	57.0	- 0.8	66.0	0.0	71.4	0.8	69.2	0.6	63.6	1.2	49.7	- 1.2	45.7	5.8	31.1	2.2	48.7	0.6
TUNKHANNOCK 1 S AIRPORT	15.4	-	22.2	-	32.6M	-	48.3	-	55.8	-	66.5M	-	65.0	-	69.2	-	63.1	-	49.4M	-	45.4M	-	29.9	-	48.4	-
UNIONTOWN	24.4	- 8.3	37.0	4.2	47.4	5.8	58.4	7.0	60.8	- 1.3	70.4	0.1	73.9	0.5	71.9	0.0	66.4	- 0.1	50.9M	- 4.0	48.5	4.6	37.7	2.8	54.0	1.0
WARREN	18.8	- 6.8	28.1	3.1	37.2	- 2.7	51.0	6.1	55.2	- 1.4	65.6	- 0.1	71.4	1.6	69.8	2.0	64.0	1.8	49.7	- 1.2	45.3	6.0	31.4	2.9	49.0	1.4
WAYNESBURG 2 W	20.8	-11.4	32.2	0.6	43.8	2.7	54.5	3.6	58.7	- 2.3	67.8	- 2.3	72.4	- 0.7	70.0	- 1.8	63.4	- 2.3	49.1M	- 5.7	45.6	2.3	34.8	0.5	51.1	- 1.4
WELLSBORO	15.0	- 9.2	21.0	- 3.4	33.4	1.5	46.0	1.5	53.6	- 2.9	63.0	- 1.6	67.4	- 1.4	67.4	1.0	60.0	0.1	47.1	- 1.7	42.7	5.1	29.2	1.5	45.5	- 0.9
WELLSVILLE	21.8	-	28.6	-	41.8M	-	51.6	-	60.8	-	68.6	-	73.2	-	70.9	-	64.4	-	51.4M	-	47.1M	-	33.1	-	51.1	-
WEST CHESTER	25.2	- 5.4	31.6	0.3	44.0	4.7	51.4	1.4	61.1	0.1	69.8	0.1	74.7	0.3	73.7	1.5	66.5	0.8	53.6M	- 1.0	49.7	6.4	36.0	2.7	53.1	1.0
WILLIAMSPORT 4 E WB AP	19.2	- 8.5	24.6	- 3.3	38.3	0.8	50.1	1.2	58.8	- 1.7	67.2M	- 1.8	72.1M	- 1.2	70.6	- 0.4	64.0	- 0.4	49.8	- 2.8	45.5	4.3	31.0	0.1	49.3	- 1.1
WILLIAMSTOWN	22.2M	- 6.3	29.2	- 0.8	42.0	3.2	51.6	1.9	55.6	- 4.9	67.9	- 0.4	72.7	0.1	71.1	0.4	64.2M	- 0.8	51.5M	- 2.0	46.8M	- 4.6	32.8	1.6	51.0	0.1
YORK 3 SW PUMP STATION	24.6	- 5.7	31.1	- 0.3	45.6	4.7	54.3	3.2	63.1	1.2	71.8	1.3	76.0	1.3	73.5	0.8	67.0	0.5	53.7M	- 0.6	49.7	6.3	35.9	2.6	53.9	1.3

See reference notes following Station Index.

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
METONIA LOCK 3 LOWER	2.22	-1.17	2.60	- .03	3.08	- .53	6.70	3.27	3.46	- .31	6.07	1.69	4.79	.68	4.96	1.11	1.50	-1.69	3.09	.07	3.73	1.18	2.96	- .11	45.16	4.16
BION	3.23	-	2.84	-	6.03	-	3.78	-	3.83	-	4.75	-	-	-	-	-	-	-	5.11	-	3.62	-	2.04	-	-	-
LENS MILLS	2.69	-	-	-	3.42	-	7.24	-	5.39	-	6.45	-	6.92	-	3.67	-	1.09	-	3.36	-	3.63	-	-	-	-	-
LENTOWN-BETH EAST AP	3.39	- .11	1.92	-1.50	3.76	.31	3.50	.10	7.88	4.38	4.56	.56	2.41	-2.20	4.33	- .07	1.32	-2.08	0.96	-2.34	4.41	1.56	5.05	1.75	43.49	.36
LENTOWN GAS CO	3.95	.58	2.18	- .63	3.24	- .17	3.88	.30	9.09	5.52	6.31	2.41	3.20	-1.64	4.04	- .52	1.38	-2.05	1.82	-1.44	4.75	1.84	4.97	1.78	48.81	5.98
TOONA HORSESHOE CRVE	2.92	- .01	2.06	- .29	4.55	1.33	7.11	3.66	7.28	3.20	7.15	3.05	2.30	-1.64	4.07	.63	1.82	-1.25	3.94	1.05	4.71	2.30	5.05	2.27	52.96	14.30
ENDTSVILLE	3.46	.51	1.19	-1.40	3.79	.04	4.30	.59	5.04	.95	5.37	1.26	2.22	-1.56	6.16	2.15	1.29	-2.45	3.63	.02	5.73	2.65	4.14	1.01	46.32	3.77
STINBURG 2 W	2.55	.89	1.11	- .75	2.67	.34	-	-	-	-	-	-	3.30	.19	2.79	.18	1.14	-1.82	2.73	.41	2.51	.64	2.14	.08	-	-
OCA WILKES BARRE AP	2.35	- .04	0.93	-1.65	3.51	.60	5.27	2.34	5.30	2.15	7.20	3.22	8.27	4.20	1.55	-2.23	1.47	-2.00	2.26	- .84	5.33	3.11	4.96	2.23	48.40	11.09
KERSTOWN 4 WNW	-	-	-	-	-	-	-	-	-	-	-	-	4.55	-	4.72	-	1.57	-	3.06	-	3.90	-	3.81	-	-	-
RNES	2.05	-	2.80	-	5.69	-	5.44	-	5.10	-	-	-	-	-	3.55	-	1.75	-	2.82	-	4.11	-	3.73	-	-	-
AR GAP	2.66	-	1.61	-	4.22	-	4.84	-	-	-	2.62	-	-	-	3.61	-	1.50	-	4.29	-	6.06	-	5.02	-	-	-
AVER FALLS	2.47	- .34	2.21	- .04	2.05	-1.00	5.30	2.23	3.00	- .39	6.32	2.35	4.43	1.09	5.84	2.52	1.53	-1.48	2.76	.15	2.42	.08	2.30	- .22	40.63	4.95
AVERTOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.63	-	4.91	-	5.89	-	5.16	-	-	-
LLEFONTE RKVIEW FARM	3.09	.14	1.96	- .62	-	-	7.54	3.86	5.97	2.64	3.34	- .89	2.93	- .93	4.22	.69	1.46	-1.38	2.98	- .21	5.09	2.81	3.70	1.08	-	-
RWICK	2.69	-	1.42	-	3.22	-	5.45	-	5.37	-	4.73	-	5.15	-	1.94	-	1.17	-	3.25	-	4.43	-	4.92	-	43.74	-
THLEHEM RIVER STA	3.49	-	2.07	-	2.65	-	3.36	-	8.87	-	7.58	-	3.21	-	3.56	-	0.36	-	1.11	-	4.21	-	5.19	-	45.66	-
THLEHEM LEHIGH UNIV	-	-	2.22	- .93	3.06	- .40	-	-	9.68	6.16	7.26	3.19	2.98	-1.68	3.54	- .76	1.22	-2.15	0.76	-2.44	3.83	.65	5.61	2.36	-	-
AIN	-	-	-	-	-	-	-	-	-	-	4.72	-	2.68	-	2.02	-	1.23	-	3.54	-	5.03	-	-	-	-	-
AIRSVILLE 6 ENE	2.72	- .20	2.16	- .34	3.56	- .12	8.31	3.87	5.91	.72	7.02	1.38	3.41	-1.45	3.55	- .44	0.89	-2.36	4.66	1.12	3.69	.66	2.60	- .51	48.48	2.33
AKESLEE CORNERS	2.44	-	1.34	-	3.98	-	4.72	-	8.12	-	4.96	-	5.18	-	3.29	-	0.93	-	1.96	-	5.49	-	5.19	-	54.76	-
OSERVILLE 1 N	3.09	- .06	1.53	- .80	3.49	.17	5.07	1.20	5.82	1.53	5.11	.37	3.90	-1.07	3.03	-2.25	1.05	-2.77	4.65	.88	5.01	1.96	4.46	1.51	46.21	0.67
SWELL 6 WNW	3.39	-	2.53	-	4.27	-	8.38	-	7.83	-	7.02	-	4.00	-	2.55	-	2.11	-	4.07	-	4.33	-	5.44	-	55.92	-
ADDOCK LOCK NO 2	2.39	-	1.98	-	3.05	-	7.30	-	3.84	-	5.28	-	2.39	-	3.38	-	1.38	-	2.99	-	4.02	-	3.15	-	41.15	-
ADFORD CITY HALL	-	-	-	-	-	-	-	-	3.95	-	4.84	-	4.08	-	3.38	-	1.03	-	3.12	-	3.68	-	2.51	-	-	-
ADFORD 4 W RES 1	2.58	- .43	2.45	- .14	7.36	4.05	5.81	2.15	4.99	1.19	5.33	.67	3.43	- .65	3.24	- .10	1.10	-3.09	3.51	- .07	4.03	.53	3.11	.10	46.94	4.21
EEZEWOOD	2.53	-	0.95	-	3.92	-	4.04	-	-	-	4.91	-	1.19	-	4.07	-	3.29	-	3.84	-	4.94	-	4.09	-	-	-
OOKVILLE AIRPORT	2.99	- .14	3.09	.67	3.92	.65	7.70	4.58	3.38	- .35	7.24	3.00	3.76	- .59	5.89	2.13	2.00	-1.16	2.76	- .26	3.55	.49	4.08	.99	50.36	10.01
UCETON	2.01	- .69	1.74	- .70	3.28	- .46	5.96	2.47	3.90	- .23	7.25	2.73	4.72	1.04	3.11	- .27	1.57	-1.12	2.95	- .02	3.16	.59	3.52	.87	43.17	4.21
CKSTOWN	3.16	-	2.38	-	-	-	-	-	7.14	-	6.12	-	3.88	-	2.61	-	2.32	-	3.90	-	-	-	3.59	-	-	-
FFALO MILLS	3.01	.48	1.46	- .59	2.28	- .94	6.44	2.92	3.25	- .10	5.16	1.63	1.93	-1.56	6.60	3.41	3.58	.66	4.23	1.35	4.71	2.27	3.67	1.47	46.32	11.00
RGETTSTOWN 3 W	-	-	-	-	-	-	-	-	2.08	-	5.71	-	3.12	-	3.46	-	1.67	-	2.85	-	3.22	-	-	-	-	-
RNT CABINS 2 NE	2.58	-	1.16	-	1.84	-	3.96	-	4.48	-	6.59	-	2.70	-	4.60	-	1.28	-	3.99	-	5.81	-	-	-	-	-
TLER	1.67	-1.10	2.43	.08	1.54	-2.00	6.64	3.21	3.14	- .46	6.54	2.11	2.65	-1.59	6.04	2.19	1.59	-1.54	3.22	.00	3.53	.69	3.46	.74	42.45	2.33
TLER SUBSTATION	-	-	-	-	-	-	-	-	-	-	6.26	-	2.69	-	6.88	-	-	-	-	-	3.17	-	3.88	-	-	-
MP HILL	2.87	-	1.36	-	3.03	-	-	-	4.85	-	4.12	-	3.36	-	4.07	-	0.80	-	3.99	-	5.41	-	4.40	-	-	-
NTON 1 NW	2.98	-	1.38	-	3.82	-	6.63	-	5.32	-	2.85	-	3.72	-	2.65	-	0.88	-	3.40	-	5.46	-	3.48	-	42.57	-
RLISLE	3.28	.14	1.60	-1.29	2.44	-1.08	4.48	.94	4.93	1.12	5.32	1.37	4.42	.52	3.30	-1.10	0.86	-2.60	4.30	- .92	5.92	2.82	4.27	1.35	45.12	3.11
RROLLTOWN	2.38	-	2.69	-	3.93	-	10.10	-	3.78	-	8.05	-	5.59	-	3.81	-	1.22	-	3.66	-	4.49	-	4.76	-	54.46	-
RTER CAMP	3.01	-	2.74	-	3.68	-	7.81	-	5.61	-	4.48	-	3.73	-	3.70	-	1.08	-	2.81	-	4.77	-	4.02	-	47.44	-
DAR RUN	2.87	.29	1.96	- .24	3.73	.77	6.41	3.33	4.76	1.18	2.86	- .88	5.82	2.25	3.41	.35	1.04	-1.70	3.38	.35	4.89	1.92	3.94	1.59	45.07	9.21
ADDS FORD	5.35	-	2.80	-	3.71	-	3.84	-	7.74	-	4.42	-	5.14	-	7.18	-	4.16	-	1.85	-	4.37	-	5.57	-	56.13	-
AMBERSBURG	3.27	.46	1.66	- .98	3.97	.71	3.90	.69	3.80	.11	5.62	1.67	1.85	-1.91	5.23	1.35	1.55	-1.54	3.99	.70	4.50	1.71	4.69	1.97	44.03	4.94
ARLEROI	-	-	-	-	-	-	-	-	3.79	-	7.03	-	-	-	3.40	-	2.13	-	2.84	-	2.82	-	3.29	-	-	-
ARLEROI LOCK 4 LOWER	3.11	.08	2.18	- .47	3.25	- .22	6.89	3.51	3.71	.02	7.69	3.79	4.76	.80	3.06	- .61	2.06	- .86	2.90	.12	3.12	.59	3.40	.50	46.13	7.25
ARION 3 SW	2.30	-1.12	2.66	- .49	2.79	-1.03	7.08	3.36	3.16	-1.00	5.30	.69	5.57	1.03	4.43	.52	0.94	-2.82	2.19	-1.37	3.92	1.02	3.57	.19	43.91	- 1.02
AUSSVILLE	3.80	-	-	-	3.75	-	6.06	-	8.12	-	6.95	-	3.56	-	-	-	1.53	-	1.68	-	4.81	-	5.45	-	-	-
AYSVILLE	2.16	- .96	1.81	- .70	4.10	.47	4.93	1.42	3.59	- .20	6.69	.26	4.87	.65	5.37	1.49	3.60	.36	3.43	.36	3.37	.89	3.53	.63	45.45	4.67
EARFIELD	2.56	- .87	3.08	.47	2.73	-1.07	8.71	4.99	2.80	-1.62	4.30	- .22	3.83	- .31	2.73	-1.32	0.69	-2.75	2.39	- .79	4.19	1.05	5.24	2.10	43.25	- .34
ALDALE 2 NW	3.18	-	2.10	-	3.69	-	5.90	-	8.48	-	4.32	-	3.72	-	2.75	-	0.82	-	2.57	-	6.41	-	5.87	-	49.81	-
ALPORT	2.74	-	2.39	-	3.63	-	6.09	-	2.58	-	5.68	-	2.51	-	4.01	-	1.20	-	-	-	4.62	-	-	-	-	-
ATESVILLE 1 SW	4.26	.39	2.38	-1.24	3.26	- .87	2.90	- .83	9.14	5.24	6.58	2.37	4.77	.11	4.05	- .53	3.66	- .05	2.05	-1.38	4.41	1.17	4.89	1.13	52.35	5.51
ATESVILLE	4.83	.96	3.19	- .43	3.13	-1.00	3.18	- .55	9.29	5.39	6.21	2.00	5.38	- .80	3.78	- .80	3.57	- .14	2.12	-1.31	4.43	1.19	5.18	1.42	54.29	7.45
LUMBIA	3.74	-	2.13	-	2.82	-	3.86	-	7.00	-	5.48	-	3.49	-	4.38	-	1.10	-	3.31	-	4.08	-	4.22	-	45.61	-
NFLUENCE 1 SW	3.80	-	2.92	-	3.92	-	6.64	-	3.90	-	6.11	-	6.20	-	2.85	-	2.86	-	2.48	-	3.74	-	6.30	-	51.72	-
NFLUENCE 1 NW	3.61	- .24	2.75	- .49	3.25	- .67	6.43	2.80	4.77	.67	6.98	2.35	6.06	1.31	3.55	- .63	2.75	- .35	3.30	.31	3.91	.96	5.82	2.41	53.18	8.43
NNELLSVILLE	2.80	-	1.97	-	2.62	-	6.42	-	5.01	-	6.40	-	4.21	-	3.41	-	1.96	-	3.44	-	2.90	-	3.01	-	44.15	-
NNELLSVILLE 4 N	-	-	-	-	-	-	-	-	4.93	-	5.56	-	3.65	-	3.85	-	1.81	-	3.54	-	3.06	-	3.87	-	-	-
NSHOHOCKEN	5.00	1.61	2.60	- .47	3.88	.48	3.41	- .09	9.09	5.72	6.93	.19	4.84	.39	5.25	.89	1.48	-2.31	1.71	-1.82	4.30	1.07	5.42	2.61	50.91	8.27
RAOPOLIS DAM 2	1.46	-1.44	2.04	- .38	2.93	- .37	6.92	3.74	2.89	- .58	4.88	.78	3.81	.18	3.97	.61	2.49	- .59	3.14	.44	-	-	2.48	- .22	-	-
RRY	2.38	- .88	2.82	- .17	6.38	2.90	5.39	1.73	3.97	.10	6.06	1.27	5.28	2.16	2.07	-1.41	1.61	-2.37	5.14	1.36	3.89	- .05	2.98	- .50	47.97	4.14
UDERSPORT	3.14	.35	-	-	3.95	.58	5.33	1.64	-	-	9.00	4.42	4.15	- .32	-	-	1.16	-2.11	2.87	- .46	4.92	1.99	3.47	.81	-	-
UDERSPORT 8 E	3.09	-	2.24	-	-	-	5.65	-	5.39	-	-	-	2.79	-	-	-	-	-	-	-	-	-	-	-	-	-
VINGTON	1.44	-	0.62	-	3.46	-	5.25	-	3.97	-	3.18	-	2.54	-	3.01	-	0.71	-	2.51	-	3.05	-	-	-	-	-
EEKSIDE	2.32	-	2.67	-	2.75	-	8.67	-	4.03	-	-	-	-	-	3.55	-	1.00	-	3.17	-	4.08	-	4.00	-	-	-
ESSON 1 E SUMMIT	-	-	-	-	-	-	-	-	4.75	-	6.06	-	3.62	-	1.98	-	0.90	-	3.85	-	4.29	-	4.08	-	-	-
RWENSVILLE 6 NW APT	2.64	-	2.98	-	3.81	-	8.55	-	3.73	-	6.09	-	5.65	-	3.40	-	1.43	-	3.17	-	4.32	-	5.49	-	51.26	-
STER CITY 2 W SGBRD	-	-	-	-	-	-	-	-	4.54	-	5.13	-	4.15	-	2.59	-	1.54	-	3.31	-	3.68	-	2.89	-	-	-
NVILLE	2.91	-	1.88	-	3.47	-	5.42	-	5.23	-	4.47	-	5.47	-	2.00	-	1.26	-	4.11	-	5.24	-	5.58	-	47.04	-
UPHIN 3 N	3.00	-	1.55	-	2.84	-	4.44	-	6.89	-	4.55	-	2.53	-	3.69	-	1.36	-	5.14	-	5.71	-	4.48	-	46.18	-
RRY	2.75	- .93	2.17	- .85	4.05	- .06	7.21	3.39	4.79	.83	8.28	3.48	5.91	1.32	2.66	-1.56	2.17	- .99	4.15	.94	3.88	1.06	3.62	.40	51.64	7.03
NGMANS FERRY	2.97	-	1.86	-	3.05	-	4.74	-	5.83	-	5.15	-	2.63	-	4.15	-	0.17	-	1.60	-	5.27	-	6.32	-	43.74	-
NEGAL	2.98	-	2.18	-	3.97	-	7.06	-	5.81	-	6.13	-	7.55	-	1.64	-	1.62	-	3.81	-	3.61	-	4.50	-	50.86	-
NORA	2.04	- .35	1.86	- .45	3.45	- .22	6.49	2.86	3.89	.18	7.80	4.02	5.30	1.85	3.91	.14	1.96	- .86	3.00	.09	3.08	.65	3.31	.79	46.09	8.70
YLESTOWN	4.00	.59	2.14	-1.20	3.23	- .41	3.04	- .72	8.01	4.15	5.63	1.62	3.25	-1.68	5.76	.76	3.77	.03	1.56	-2.00	4.24	1.05	5.26	1.79	49.89	3.98
IFTWOOD	2.35	-	1.88	-	4.03	-	5.60	-	4.98	-	5.83	-	4.09	-	2.66	-	1.36	-	2.33	-	4.21	-	4.09	-	43.41	-
BOIS 7 E	2.05	- .70	2.33	- .55	3.46	.29	7.69	4.30	4.29	- .29	7.02	2.58	6.01	1.64	3.20	- .16	0.91	-2.66	2.59	- .22	3.85	.96	5.11	2.30	48.51	7.49
NLO	2.83	-	-	-	-	-	6.45	-	-	-	4.73	-	-	-	6.71	-	-	-	-	-	2.36	-	-	-	-	-
SHORE	2.69	-	1.59	-	4.52	-	5.12	-	2.67	-	4.51	-	5.22	-	2.63	-	1.43	-	3.29	-	-	-	6.24	-	-	-
GLES MERE	3.25	- .48	2.24	-1.16	4.64	- .04	7.92	3.90	3.54	-2.60	3.99	- .57	6.02	.64	3.00	-1.44	0.87	-4.12	4.88	- .52	6.36	2.08	6.35	2.74	53.06	- 1.57
ST WATERFORD 3 E	2.76	.27	1.53	- .42	2.94	- .50	5.72	1.84	9.73	5.09	5.09	1.04	3.99	- 0.6	2.34	-1.79	1.35	-1.61	3.69	.12	5.57	2.25	4.56	1.87	49.27	8.10
ENSBURG	3.20	.01	2.69	- .08	4.11	.62	7.81	4.31	4.59	.20	9.61	5.02	4.08	- .04	2.17	-1.87	1.60	-1.82	3.95	.77	4.65	1.60	4.95	1.93	53.41	10.65
IZABETHTOWN	3.60	-	1.41	-	2.48	-	2.99	-	6.70	-	4.80	-	1.93	-	4.36	-	0.76	-	3.52	-	4.73	-	2.58	-	39.86	-
PORIUM	2.62	- .74	2.34	- .49	4.05	.41	6.55	3.03	4.40	0.5	4.41	0.3	5.00	.60	3.67	- 0.6	0.92	-2.64	2.79	- .42	4.43	1.49	4.39	1.17	45.57	2.43
GLISH CENTER	2.50	-	1.75	-	4.53	-	6.15	-	3.83	-	2.96	-	-	-	2.89	-	0.77	-	3.41	-	5.33	-	4.17	-	-	-
PRATA	3.88	.87	2.47	- .40	3.01	- .45	3.41	.01	6.85	3.44	5.57	1.20	4.46	- .18	4.77	.13	2.27	-1.30	2.33	- .88	4.72	2.08	4.92	1.83	48.66	6.35
QUINUNK	4.41	-	2.52	-	3.94	-	5.32	-	4.53	-	4.15	-	2.70	-	2.02	-	1.43	-	3.17	-	4.56	-	5.89	-	44.64	-
IE WB CITY	2.07	- .70	2.67	.09	4.71	2.09	5.19	2.46	3.79	.39	6.12	2.78	4.22	1.21	1.71	-1.56	1.01	-2.38	5.01	1.32	3.99	.69	2.13	- .70	42.62	5.69
IE AIRPORT	-	-	-	-	-	-	-	-	4.27	-	6.10	-	4.33	-	2.22	-	1.44	-	4.59	-	3.95	-	2.13	-	-	-
ERETT	2.81	- .09	1.33	- .88	3.10	- .20	5.72	2.52	3.80	.18	6.06	1.39	1.39	-2.52	3.65	- .17	2.81	- .24	4.07	1.32	4.83	2.72	4.41	1.54	43.98	5.57
RRELL SHARON	1.67	- .76	1.83	- .07	2.58	- .23	4.99	1.93	3.75	.42	5.29	1.83	6.78	3.19	2.18	-1.50	1.96	- .88	2.32	- .37	3.40	1.02	2.44	.05	39.19	4.63
RD CITY 4 S	2.05	-	2.63	-	2.99	-	7.80	-	3.67	-	5.54	-	5.54	-	4.07	-	0.92	-	2.89	-	3.61	-	3.32	-	45.03	-
ANKLIN	2.54	- .86	2.62	- .08	3.29	- .14	5.89	2.71	3.42	- .22	6.07	1.77	4.28	- .15	3.11	- .55	1.61	-1.91	3.08	- .06	4.14	1.03	2.43	- .76	42.48	.78
EDERICKSVILLE 1 SE	4.42	-	2.86	-	3.29	-	4.06	-	9.83	-	4.68	-	2.64	-	5.67	-	2.09	-	2.22	-	4.65	-	5.23	-	51.64	-
EELAND	3.45	.17	1.54	-1.44	3.40	- .56	5.27	1.23	6.90	2.81	3.70	-1.15	7.72	2.51	2.14	-2.01	0.74	-3.07	3.04	-1.01	7.09	3.32	5.33	1.84	50.32	2.64
LETON	3.39	.95	2.50	.59	4.25	.80	5.77	2.62	3.39	- .94	4.70	1.05	3.26	- .57	3.84	- .12	0.98	-2.68	2.63	- .40	3.99	1.13	3.11	.73	41.81	3.16
IGERTOWN	3.86	-	2.15	-	2.97	-	3.94	-	9.48	-	7.03	-	3.85	-	6.27	-	2.02	-	1.89	-	4.46	-	4.64	-	52.56	-
ORGE SCHOOL	4.86	1.47	2.98	.17	3.88	.43	3.59	.03	8.49	5.02	5.57	1.80	4.20	- .43	3.29	-1.30	1.72	-1.85	1.65	-1.57	4.06	1.00	7.17	3.94	51.46	8.71
TTYSBURG	4.12	1.03	1.66	-1.02	4.07	.74	4.51	.86	4.12	.20	3.50	- .28	1.61	-2.21	4.57	.56	0.89	-2.63	3.15	- .18	6.86	4.02	4.77	1.62	43.83	2.71
TTYSBURG 1 S	-	-	-	-	-	-	-	-	5.01	-	2.62	-	2.38	-	4.85	-	1.03	-	3.20	-	6.32	-	5.14	-	-	-
FFORD	-	-	-	-	-	-	-	-	3.90	-	4.83	-	3.75	-	2.99	-	1.39	-	2.82	-	3.91	-	2.86	-	-	-
ENCOE	3.26	-	2.43	-	3.47	-	6.18	-	2.85	-	5.85	-	3.18	-	3.39	-	2.40	-	-	-	-	-	4.69	-	-	-
EN HAZEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.42	-	-	-	2.84	-	3.43	-	3.62	-	-	-
EN ROCK	4.54	-	1.74	-	4.03	-	3.74	-	6.62	-	3.84	-	3.90	-	3.15	-	1.67	-	3.37	-	4.02	-	4.93	-	45.55	-
ENWILLARD DASH DAM	1.98	-	2.02	-	3.28	-	6.38	-	3.22	-	6.39	-	5.22	-	4.19	-	2.72	-	2.94	-	3.16	-	2.49	-	43.99	-

See reference notes following Station Index.

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
GOOD SPRINGS 1 NW	-	-	-	-	-	-	-	-	-	-	3.86	-	2.71	-	2.81	-	2.01	-	4.42	-	6.76	-	4.35	-	-	-
GORDON	3.29	- .25	1.74	-1.35	3.94	- .01	5.85	1.75	7.43	3.19	2.87	-1.55	4.96	.05	3.56	- .84	0.99	-2.92	3.73	- .47	7.35	3.24	5.42	1.67	51.13	3.24
GOULDSBORO	2.73	- .36	1.73	-1.15	4.00	.62	5.25	1.63	7.04	2.68	6.88	2.13	4.62	- .27	3.82	- .59	0.96	-2.75	2.22	-1.65	5.27	1.67	6.00	3.11	50.52	5.07
GRANTVILLE 2 SW	2.91	-	1.64	-	3.25	-	6.11	-	7.12	-	4.24	-	4.23	-	4.44	-	1.20	-	4.18	-	5.47	-	5.32	-	50.11	-
GRATERFORD	5.00	1.79	3.73	1.05	4.24	.81	3.42	.13	8.88	5.20	6.13	2.32	4.70	- .39	4.58	.42	2.45	- .69	2.35	- .71	3.96	.93	6.39	3.59	55.83	14.45
GREENSBORO LOCK 7 LWR	3.42	.05	2.45	- .38	2.80	- .87	6.76	3.47	3.38	- .44	4.98	.37	4.16	- .45	5.24	1.51	3.26	.17	2.49	- .37	3.22	.48	3.92	.96	46.08	4.50
GREENSBURG 2 S FILT ST	2.92	- .47	2.24	- .67	3.50	- .13	7.45	3.67	3.68	- .36	6.65	2.25	6.68	2.88	4.22	.03	1.72	-1.52	3.19	.13	3.32	.73	4.37	1.21	49.94	7.75
GREENSBURG 2 E HY SHED	-	-	-	-	-	-	-	-	3.37	-	8.38	-	5.50	-	-	-	1.44	-	-	-	3.01	-	4.12	-	-	-
GREENSBURG 3 SE UNITY	2.70	-	2.51	-	2.61	-	7.71	-	-	-	6.88	-	5.25	-	3.30	-	-	-	-	-	3.34	-	5.92	-	-	-
GREENVILLE	1.92	-1.36	1.98	- .53	3.89	.46	5.91	2.53	3.45	- .83	5.56	1.62	5.44	1.39	3.23	- .34	2.93	- .52	4.46	1.12	4.03	1.06	2.91	.16	45.71	6.42
HANOVER	4.33	1.19	1.62	- .98	2.81	- .59	3.15	- .41	6.15	2.73	5.48	1.53	3.29	-1.07	3.71	- .60	0.99	-2.23	3.40	.23	4.62	2.13	4.97	1.95	44.52	3.88
HARRISBURG 3 S WB AP	2.75	- .34	1.28	-1.68	3.34	.30	3.97	1.28	5.64	2.20	3.26	- .33	2.02	-1.81	3.70	- .34	0.77	-2.28	3.45	.52	4.57	2.31	3.53	.51	38.28	.34
HARRISBURG NORTH	3.23	.26	1.63	- .92	3.37	.03	5.29	1.56	6.28	2.31	5.08	1.09	4.45	.42	3.91	- .18	1.12	-2.30	4.11	.66	5.22	2.21	4.74	1.79	48.43	6.93
HAWLEY	3.29	.56	1.60	-1.02	3.09	- .10	4.61	1.34	6.82	3.16	5.68	1.78	2.84	-1.41	3.31	- .81	0.38	-3.23	1.81	-1.59	3.81	.82	4.89	2.01	42.13	1.51
HAWLEY 1 S WALLEN DAM	-	-	-	-	-	-	-	-	4.96	-	5.01	-	2.50	-	3.09	-	0.29	-	1.59	-	-	-	-	-	-	-
HEWITT 2 S	2.79	-	1.73	-	3.53	-	5.23	-	3.73	-	3.59	-	1.93	-	2.44	-	-	-	2.93	-	4.76	-	-	-	-	-
HOLLIDAYSBURG	-	-	-	-	-	-	-	-	4.88	-	4.72	-	1.61	-	3.73	-	2.03	-	3.02	-	4.94	-	4.23	-	-	-
HOLLISTERVILLE	3.38	.66	1.72	- .94	4.06	.51	5.27	1.57	5.58	1.43	6.86	2 54	5.28	.02	3.92	.20	0.93	-2.93	1.99	-1.38	4.21	1.01	5.37	2.67	48.57	5.36
HOLTWOOD	4.06	1.03	1.92	- .49	2.66	- .43	3.77	.75	7.36	4.54	3.89	.54	3.12	- .81	4.49	.27	1.56	-1.09	2.44	- .27	4.08	1.62	3.91	1.42	43.26	7.08
HOME	-	-	2.83	-	3.33	-	7.69	-	-	-	5.95	-	7.43	-	2.92	-	-	-	-	-	3.33	-	3.93	-	-	-
HONESDALE 4 NW	3.53	-	1.84	-	3.73	-	5.06	-	5.78	-	6.24	-	3.04	-	2.79	-	1.01	-	2.64	-	4.61	-	5.06	-	45.33	-
HONESDALE 6 N TNRS FLS	2.93	-	2.13	-	3.90	-	4.89	-	3.99	-	4.41	-	2.97	-	2.81	-	0.64	-	1.94	-	4.14	-	-	-	-	-
HOOVERSVILLE	3.07	-	1.88	-	3.70	-	6.91	-	3.46	-	5.52	-	2.66	-	2.08	-	2.93	-	3.04	-	3.20	-	4.24	-	42.69	-
HOP BOTTOM 2 S	2.14	-	1.94	-	3.41	-	5.70	-	3.78	-	5.28	-	4.64	-	2.91	-	1.17	-	3.81	-	4.24	-	4.88	-	43.90	-
HUNTINGDON	2.19	- .92	1.51	-1.10	2.82	- .73	6.84	3.37	3.59	.56	6.56	2.47	3.76	- .17	1.80	-2.07	0.63	-2.73	2.81	- .11	5.82	3.36	4.93	2.04	43.26	2.85
HUNTSDALE	2.94	-	1.19	-	2.83	-	4.59	-	4.74	-	4.06	-	4.42	-	3.39	-	0.83	-	4.98	-	4.55	-	3.73	-	42.25	-
HYNDMAN	2.51	- .36	1.18	-1.05	2.82	- .46	5.33	1.81	3.02	- .13	3.36	- .77	2.87	- 40	3.77	.08	2.46	- .40	3.31	.25	3.80	1.69	4.29	1.73	38.72	1.99
INDIANA 2 SE	2.03	-1.62	2.58	- .33	3.51	- .41	7.92	3.95	3.71	- .48	8.38	3.47	2.99	-1.61	3.30	- .74	0.92	-2.80	3.97	-3.58	3.86	.93	3.63	.33	46.80	1.27
INDIANA	2.36	- .29	3.16	.25	3.41	- .51	8.76	4.79	4.26	.07	8.17	3.26	2.75	-1.85	3.22	- .82	1.21	-2.51	3.38	- .01	4.57	1.64	4.28	.98	49.53	5.00
IRWIN	2.99	.10	2.39	- .06	3.38	- .16	7.28	3.97	4.69	1.26	7.39	2.98	4.42	.55	2.35	-1.58	1.31	-1.61	3.35	.51	3.46	1.00	-	-	-	-
JACKSON SUMMIT	-	-	-	-	-	-	-	-	4.12	-	4.10	-	3.23	-	3.76	-	1.01	-	2.48	-	4.12	-	2.63	-	-	-
JAMESTOWN 2 NW	1.36	-1.19	2.04	- .04	4.14	1.30	5.16	1.86	3.59	- .41	5.48	1.93	4.06	.18	3.81	.09	4.54	1.19	4.14	1.35	3.29	.71	2.58	.35	44.19	7.32
JOHNSTOWN 1	3.24	- .85	2.61	-1.02	3.74	- .48	7.94	3.87	4.64	.20	81.4	3.13	3.38	-1.10	3.05	-1.34	1.62	-1.86	4.13	1.12	3.79	.82	4.87	1.27	51.15	3.76
JOHNSTOWN 2	-	-	-	-	-	-	-	-	4.34	-	7.93	-	2.81	-	1.74	-	3.54	-	3.36	-	4.70	-	-	-	-	-
JUNIATA HOUSE	2.31	-	1.30	-	2.80	-	4.59	-	5.66	-	3.73	-	2.63	-	2.56	-	-	-	-	-	-	-	-	-	-	-
KANE 1 NW	3.22	- .32	2.54	- .41	6.11	2.30	5.55	1.67	5.02	.52	5.12	.38	5.11	.94	4.37	.76	1.08	-2.69	3.04	- .68	4.13	.66	3.67	.33	48.96	3.46
KANE 5 SE	-	-	-	-	-	-	-	-	4.74	-	4.87	-	4.84	-	4.06	-	1.10	-	2.85	-	3.80	-	3.54	-	-	-
KARTHAUS	3.46	-	2.77	-	2.44	-	7.57	-	4.74	-	4.20	-	6.46	-	5.17	-	1.87	-	2.49	-	5.54	-	5.02	-	51.73	-
KIRKWOOD 1 SW	-	-	-	-	-	-	-	-	7.97	-	3.84	-	2.59	-	3.90	-	-	-	-	-	-	-	-	-	-	-
KREGAR 4 SE	5.63	-	3.98	-	5.37	-	8.00	-	7.50	-	4.92	-	6.77	-	3.82	-	3.27	-	5.52	-	5.77	-	6.54	-	67.09	-
KRESGEVILLE 3 W	3.01	-	2.38	-	3.78	-	6.28	-	6.79	-	4.99	-	2.73	-	5.63	-	0.77	-	2.21	-	5.62	-	5.85	-	50.04	-
LAFAYETTE MC KEAN PK	-	-	-	-	-	-	-	-	4.64	-	6.24	-	3.25	-	3.95	-	1.12	-	3.11	-	3.95	-	3.19	-	-	-
LAKEVILLE 1 N	2.62	- .03	1.53	-1.09	3.40	- .18	4.54	.75	7.06	2.87	7.06	2.61	3.12	-2.09	3.17	-1.06	0.53	-3.33	1.91	-1.62	4.46	1.37	5.22	2.60	44.62	.80
LANCASTER 2 NE P STA	3.94	.78	1.93	- .69	2.91	- .58	3.85	.34	9.42	6.11	4.43	.43	3.22	-1.19	5.02	.67	1.42	-1.96	3.04	- .13	4.72	2.07	4.35	1.24	48.25	7.08
LANCASTER 2 NE FILT PL	-	-	-	-	-	-	-	-	8.54	-	4.05	-	2.58	-	4.60	-	1.20	-	2.64	-	4.17	-	4.19	-	-	-
LANCASTER 3 NE EXP FM	3.08	-	1.45	-	2.62	-	2.92	-	9.13	-	4.27	-	3.26	-	5.31	-	0.93	-	2.89	-	4.67	-	4.13	-	44.66	-
LANSFORD	2.69	- .39	2.52	- .09	3.69	.34	5.65	1.90	7.57	3.66	5.38	.82	3.92	- .64	3.87	- .87	1.10	-2.96	2.63	-1.24	6.21	3.09	5.66	2.31	50.89	5.93
LANSFORD FOREMANS SHOP	2.56	-	1.78	-	3.56	-	5.59	-	7.64	-	5.36	-	3.75	-	4.19	-	0.98	-	2.80	-	6.08	-	5.81	-	50.10	-
LATROBE	2.58	-	2.24	-	2.95	-	6.78	-	4.42	-	8.04	-	4.50	-	2.78	-	1.58	-	3.30	-	3.02	-	3.86	-	46.05	-
LAURELTON STATE VILL	-	-	-	-	-	-	-	-	5.21	-	2.35	-	4.06	-	2.11	-	0.70	-	3.79	-	6.04	-	3.90	-	-	-
LAWRENCEVILLE	2.85	1.01	1.15	- .57	4.53	2.10	3.75	.89	4.15	.38	3.61	- .19	3.69	- .39	3.19	- .61	1.22	-1.86	2.53	- .31	3.76	1.46	2.21	.28	36.64	2.18
LEBANON	3.80	.48	1.85	-1.24	3.64	.01	5.54	2.07	6.55	2.71	3.98	- .20	4.92	.47	6.73	2.39	1.70	-1.77	3.59	.03	4.57	1.62	4.61	1.28	51.48	7.85
LEBANON 3 SW	-	-	-	-	-	-	-	-	6.08	-	3.23	-	5.21	-	4.22	-	1.44	-	3.27	-	4.22	-	3.68	-	-	-
LE CONTES MILLS 5 NW	2.87	-	2.65	-	2.84	-	6.80	-	-	-	4.32	-	4.50	-	-	-	-	-	3.04	-	4.43	-	5.09	-	-	-
LEHIGHTON	3.48	- .42	2.31	- .19	3.44	- .56	4.84	1.50	6.45	1.81	5.70	.86	3.66	-2.45	4.46	- .23	1.93	-1.84	1.58	-2.24	4.77	.90	5.24	1.81	47.86	- 1.05
LE ROY	-	-	-	-	-	-	-	-	7.49	-	3.47	-	3.62	-	2.92	-	0.75	-	2.09	-	5.12	-	2.99	-	-	-
LEWIS RUN 3 S	-	-	-	-	-	-	-	-	4.75	-	5.12	-	4.11	-	3.01	-	1.77	-	3.06	-	3.65	-	2.81	-	-	-
LEWISTOWN	2.38	-	1.27	-	2.85	-	6.24	-	4.27	-	3.25	-	2.47	-	1.53	-	2.50	-	3.82	-	4.89	-	4.12	-	39.59	-
LINESVILLE 6 NW	1.74	- .77	2.42	.11	5.82	2.85	4.25	.76	3.86	.21	4.10	.43	4.32	.66	5.45	1.73	1.24	-2.76	3.58	.41	3.62	.55	2.31	- .39	42.71	3.79
LOCK HAVEN 1	-	-	1.80	- .74	-	-	3.48	.03	-	-	-	-	-	-	-	-	0.73	-2.65	3.70	.50	4.69	- .21	4.51	1.62	-	-
LOCK HAVEN 2	-	-	-	-	-	-	-	-	4.55	.53	2.99	-1.12	-	-	2.14	-1.91	0.82	-2.56	3.57	.37	4.69	2.15	5.10	2.46	-	-
LONG POND	2.70	-	1.78	-	3.79	-	5.93	-	8.02	-	5.04	-	3.98	-	5.28	-	1.04	-	2.15	-	6.01	-	5.39	-	51.11	-
LYCIPPUS 1 E	3.92	.03	2.70	- .47	3.82	- .33	9.94	5.98	5.20	.94	4.63	- .22	4.53	- .19	2.88	-1.51	1.48	-1.85	3.55	.36	-	-	-	-	-	-
MAPLE GLEN	3.58	-	1.59	-	3.30	-	2.77	-	8.42	-	5.73	-	4.61	-	4.41	-	2.47	-	1.33	-	4.40	-	4.99	-	47 60	-
MAPLETON DEPOT	1.95	-	1.38	-	2.55	-	5.10	-	3.56	-	5.20	-	3.32	-	2.76	-	0.70	-	3.50	-	5.80	-	3.97	-	39.79	-
MARCUS HOOK	4.52	1.23	2.53	.04	3.98	.32	3.57	.00	6.39	2.80	4.11	.33	2.30	-1.93	5.79	.23	1.92	-1.14	1.69	- .85	4.45	1.30	5.15	2.28	46.40	4.61
MARIENVILLE	2.74	-	3.28	-	4.76	-	6.27	-	4.17	-	6.35	-	-	-	2.76	-	2.01	-	2.67	-	3.75	-	3.43	-	-	-
MARION CENTER 2 SE	2.61	-	2.85	-	2.98	-	8.37	-	5.13	-	-	-	-	-	2.50	-	1.09	-	3.65	-	3.82	-	3.84	-	-	-
MARSHBURG	-	-	-	-	-	-	-	-	4.58	-	5.36	-	4.33	-	2.74	-	1.27	-	3.38	-	-	-	3.41	-	-	-
MARTINSBURG	-	-	-	-	-	-	-	-	5.56	-	4.89	-	1.82	-	2.03	-	1.93	-	3.42	-	4.65	-	4.06	-	-	-
MARTINSBURG BLAIR AP	2.02	-	1.45	-	2.96	-	5.90	-	6.42	-	5.51	-	2.12	-	2.21	-	1.35	-	3.79	-	4.45	-	3.95	-	42.13	-
MATAMORAS	2.91	.08	1.69	-1.86	3.23	.03	5.07	1.62	6.65	3.19	5.41	1.38	5.18	1.31	3.47	- .40	1.30	-2.26	1.87	-1.40	4.10	1.09	5.66	2.71	46.54	5.48
MAUCH CHUNK 1 SW	3.82	.21	-	-	-	-	5.69	1.85	-	-	5.30	.88	4.14	1.03	6.49	1.71	2.02	-2.04	2.04	-1.83	6.26	2.58	-	-	-	-
MAYBURG	2.50	-	2.36	-	5.18	-	5.78	-	5.04	-	-	-	-	-	3.03	-	1.59	-	3.45	-	3.79	-	-	-	-	-
MC CONNELLSBURG	2.46	- .24	1.05	-1.09	2.56	- .93	3.82	.69	4.60	- .70	4.82	.26	0.93	-3.07	2.74	-1.61	2.22	- .37	3.59	- .05	4.38	1.27	4.39	1.64	37.56	- 4.20
MC CONNELLSTOWN	2.39	-	1.68	-	3.07	-	6.79	-	5.23	-	6.64	-	1.90	-	2.36	-	1.02	-	3.28	-	5.10	-	-	-	-	-
MC CORMICK	1.93	-	3.02	-	3.51	-	9.36	-	5.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC KEESPORT	2.77	.30	1.82	- .36	5.93	2.49	8.03	5.07	5.28	1.84	6 65	3.13	2.85	- .67	3.28	- .50	1.57	-1.46	2.93	.57	3.22	.91	3.69	1.28	48.02	12.70
MEADOW RUN PONDS	-	-	-	-	-	-	-	-	-	-	-	-	4.79	-	3.47	-	0.76	-	1.78	-	7.67	-	-	-	-	-
MEADVILLE 1 S	1.95	-1.18	2.30	- .38	6.33	3.13	4.45	1.11	4.07	.03	5.11	1.07	3.87	- .28	2.31	-1.34	1.27	-2.33	5.55	2.14	3.85	.45	2.42	- .64	43.48	1.78
MEDIX RUN	2.43	-	2.40	-	4.16	-	6.72	-	8.14	-	5.97	-	5.52	-	3.65	-	1.22	-	2.16	-	3.55	-	4.52	-	50.44	-
MERCER 5 NE WB AP	2.48	-	2.51	-	4.19	-	5.77	-	3.96	-	6.66	-	6.11	-	3.79	-	-	-	-	-	-	-	-	-	-	-
MERCER HGWY SHED	-	-	-	-	-	-	-	-	3.92	-	5.25	-	5.55	-	3.45	-	1.72	-	-	-	3.43	-	2.79	-	-	-
MERCERSBURG	2.30	-	1.15	-	2.93	-	4.40	-	4.43	-	4.87	-	1.85	-	2.51	-	1.27	-	4.27	-	4.28	-	4.65	-	38.71	-
MERWINSBURG	-	-	-	-	-	-	-	-	-	-	-	-	2.35	-	5.84	-	1.24	-	1.39	-	4.70	-	4.61	-	-	-
MEYERSDALE	3.67	-	2.03	-	3.18	-	5.77	-	4.24	-	4.55	-	3.53	-	2.72	-	2.98	-	3.43	-	3.93	-	5.00	-	45.03	-
MIDDLETOWN OLMSTED FLD	4.81	1.87	1.95	- .32	4.67	1.10	4.34	.93	5.43	1.33	3.57	- .59	1.47	-2.25	2.78	-1.56	1.11	-2.33	3.70	.30	6.13	3.34	5.28	2.88	45 24	4 70
MIDLAND DAM NO 7 LOWER	1.96	- .65	2.03	- .17	2.47	-1.03	7.48	3.61	3.17	-1.33	4.18	.20	2.54	-1.13	5.07	1.53	2.28	- .29	2.67	- .48	3.17	.68	2.96	.63	39.98	1.57
MILAN	-	-	-	-	-	-	-	-	4.69	-	3.43	-	-	-	2.66	-	0.70	-	-	-	4.20	-	2.86	-	-	-
MILANVILLE	2.96	-	1.64	-	3.35	-	4.61	-	5.72	-	5.78	-	2.17	-	4.60	-	1.30	-	1.86	-	4.50	-	5.15	-	43.64	-
MILLERSBURG 2 E	1.98	-	1.01	-	3.27	-	3.89	-	6.11	-	2.21	-	3.09	-	-	-	1.58	-	4.04	-	5.21	-	4.07	-	-	-
MILLVILLE	2.15	-	1.57	-	2.95	-	4.93	-	4.74	-	3.52	-	-	-	2.09	-	2.44	-	3.92	-	4.63	-	4.37	-	-	-
MILROY	2.63	-	1.49	-	3.92	-	6.84	-	4.11	-	4.12	-	2.64	-	2.76	-	-	-	4.36	-	5.72	-	4.32	-	-	-
MONROE FURNACE	-	-	-	-	-	-	-	-	4.84	-	4.03	-	3.91	-	1.83	-	1.26	-	2.99	-	5.79	-	4.82	-	-	-
MONROETON 2 S	2.99	-	1.51	-	3.51	-	6.01	-	5.73	-	4.76	-	3.91	-	2.99	-	1.71	-	3.76	-	4.68	-	3.78	-	45.34	-
MONTROSE 3 E HGWY SHED	4.27	1.70	3.43	1.25	4.36	1.56	6.20	2.84	4.86	.96	4.76	.78	4.18	.13	2.67	-1.42	0.89	-2.97	3.82	.15	5.09	2.32	3.90	1.33	48.43	8.63
MOSGROVE LOCK 7 LOWER	2.39	- .85	2.86	.35	2.74	-1.00	7.36	4.12	3.49	- .65	4.49	.22	2.56	-1.18	4.22	.32	1.00	-1.75	2.41	-1.08	3.52	.94	4.08	.96	41.12	.40
MOUNT POCONO	3.15	- .23	2.04	- .89	4.42	.56	4.98	1.09	7.39	3.31	6.55	1.39	3.82	-1.32	5.57	1.06	1.27	-3.65	-	-	-	-	-	-	-	-
MOUNT UNION 1 NW	-	-	-	-	-	-	-	-	4.75	-	5.42	-	2.83	-	1.86	-	0.48	-	-	-	5.53	-	6.15	-	-	-
MURRYSVILLE	2.56	-	2.52	-	-	-	6.35	-	3.72	-	7.75	-	4.08	-	3.87	-	1.33	-	3.70	-	2.99	-	3.69	-	-	-
MYERSTOWN	4.27	-	2.35	-	4.12	-	5.23	-	6.86	-	3.61	-	2.77	-	4.63	-	2.91	-	3.17	-	-	-	4.40	-	-	-
NATRONA LOCK 4 LOWER	2.03	- .92	2.31	- .25	3.32	- .49	7.23	3.74	3.56	- .56	4.28	- .30	5.42	1.40	4.52	.87	0.96	-1.81	2.69	- .33	3.53	.82	2.94	.21	42.79	- 46
NEFFS MILLS 4 NE	2.20	-	1.81	-	4.04	-	6.69	-	-	-	4.06	-	3.12	-	2.02	-	0.88	-	2.45	-	5.70	-	-	-	-	-
NESHAMINY FALLS	4.14	-	2.56	-	3.02	-	2.78	-	-	-	5.44	-	4.33	-	3.37	-	2.00	-	1.41	-	4.14	-	-	-	-	-
NEWBURG 3 W	2.37	-	0.86	-	4.23	-	4.21	-	6.30	-	4.96	-	1.12	-	3.01	-	0.99	-	3.95	-	4.79	-	3.20	-	39.99	-

See reference notes following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
EW CASTLE 1 N P STA	1.80	1.11	2.14	.22	2.91	- .18	4.33	1.26	3.39	- .08	5.02	.82	3.14	-1.04	3.85	.51	2.03	-1.05	2.99	.26	3.15	.69	3.19	.58	37.94	.44
EWELL	2.48	- .26	1.76	.47	2.81	- .28	6.14	2.94	3.89	.58	7.62	3.56	2.79	- .71	3.87	.35	2.33	- .63	3.18	.51	-	-	3.51	1.10	-	-
EW PARK	5.74	2.54	1.70	- .94	2.15	-1.42	4.62	.64	7.73	4.30	4.94	.90	2.21	-2.04	3.96	-1.09	2.14	-1.45	3.03	.54	4.94	1.88	-	-	-	-
EWPORT	2.81	- .13	1.35	- .75	3.17	- .40	5.10	1.67	7.04	2.72	3.31	- .46	3.83	- .44	3.14	-1.01	0.90	-2.46	2.43	-1.16	5.76	2.56	4.35	1.56	43.19	1.70
EW TRIPOLI	3.37	-	2.12	-	3.70	-	4.52	-	7.30	-	3.17	-	2.17	-	7.04	-	2.10	-	1.77	-	5.13	-	6.01	-	48.40	-
ORRISTOWN	-	-	-	-	-	-	-	-	-	-	4.87	-	4.60	-	5.15	-	2.12	-	1.89	-	3.96	-	5.47	-	-	-
RWELL 3 N	2.23	-	1.05	-	3.60	-	4.84	-	5.56	-	4.24	-	5.12	-	3.73	-	1.12	-	2.69	-	4.12	-	2.99	-	41.29	-
ALM	3.77	-	2.99	-	4.06	-	4.47	-	10.12	-	5.24	-	3.43	-	4.03	-	2.06	-	-	-	-	-	-	-	-	-
ALMERTON	2.63	- .16	1.68	- .56	3.56	- .47	3.52	.40	4.95	1.27	5.31	.99	2.27	-2.39	7.08	2.97	2.31	-1.41	1.10	-2.27	4.26	1.20	4.13	1.48	42.80	1.99
ARKERS LANDING	-	-	-	-	-	-	-	-	3.56	- .30	6.34	2.17	4.69	.59	4.58	.76	1.69	-1.60	2.41	- .51	3.55	.60	4.18	.97	-	-
ARKERS LANDING 1 E	2.35	-1.08	2.69	- .22	2.21	-1.52	6.49	3.02	3.17	- .69	5.80	1.63	4.97	.87	4.32	.50	1.14	-2.15	2.51	- .41	3.17	.22	3.86	.65	42.68	.82
ARK PLACE 1 NW WB AP	2.39	-	1.17	-	3.67	-	5.62	-	6.80	-	2.69	-	4.44	-	4.30	-	0.96	-	2.95	-	5.70	-	5.10	-	45.79	-
AUPACK	3.38	.63	1.58	-1.00	3.05	- .30	4.48	.92	7.25	3.61	6.33	2.25	4.14	- .21	3.52	-1.00	0.41	-3.40	2.49	-1.31	4.34	1.25	5.04	2.15	46.01	3.59
ECKS POND	2.88	-	1.75	-	3.67	-	5.49	-	6.79	-	6.19	-	6.36	-	5.30	-	0.42	-	1.60	-	4.81	-	5.17	-	50.43	-
HILADELPHIA DREX INST	-	-	-	-	-	-	-	-	-	-	-	-	3.90	-	6.00	-	1.53	-	1.51	-	4.88	-	5.47	-	-	-
HILADELPHIA FRANK INS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.15	-	1.40	-	1.69	-	4.38	-	5.12	-	-	-
HILADELPHIA WB APT	4.67	1.37	2.84	- .59	3.76	.37	3.92	.87	7.40	4.14	4.94	1.70	1.90	-2.25	5.95	1.33	2.09	-1.05	1.53	-1.28	4.79	2.09	5.26	1.83	49.05	8.53
HILADELPHIA PT BREEZE	4.77	-	2.44	-	3.67	-	3.37	-	6.60	-	4.10	-	2.49	-	5.22	-	1.37	-	1.23	-	4.66	-	4.48	-	44.40	-
HILADELPHIA SHAWMONT	4.91	1.56	3.48	- .43	4.46	.88	3.41	.01	8.15	4.78	5.35	- .21	5.14	- .56	4.34	- .54	2.54	- .79	1.64	-1.54	4.31	1.25	5.70	2.23	51.43	8.62
HILADELPHIA WB CITY	5.42	2.12	3.17	- .27	4.14	.75	3.54	.49	6.88	3.62	4.88	1.64	3.40	- .75	5.39	.77	1.24	-1.90	1.39	-1.42	4.42	1.72	5.63	2.20	49.50	8.97
HILIPSBURG	4.01	-	2.54	-	4.47	-	7.90	-	3.73	-	5.41	-	4.26	-	2.88	-	0.87	-	3.28	-	4.54	-	3.35	-	47.24	-
HOENIXVILLE 1 E P STA	4.86	1.20	2.41	- .58	3.72	.07	3.02	- .53	8.02	4.07	5.25	1.36	6.18	1.32	3.88	-1.02	4.93	1.55	0.97	-2.31	-	-	4.98	1.81	-	-
KES CREEK	2.94	-	1.85	-	4.01	-	5.65	-	4.68	-	3.65	-	3.35	-	1.78	-	-	-	2.97	-	5.27	-	5.39	-	-	-
NE GROVE 1 NE	2.92	- .26	1.59	-1.15	3.06	- .61	5.55	1.79	7.23	3.28	5.07	.28	1.91	-2.97	3.52	- .60	1.93	-1.89	3.85	- .15	6.55	2.95	5.05	1.97	48.23	2.64
NE GROVE MILLS 1 S	-	-	-	-	-	-	-	-	4.15	-	4.34	-	3.22	-	2.23	-	1.12	-	2.77	-	-	-	3.94	-	-	-
ITTSBURGH 7 SE WB AP	2.04		1.90		3.69		6.03		3.17	- .04	6.05	2.24	2.83	-1.22	2.90	- .33	1.27	-1.31	3.14	.62	2.60	.31	3.25	.39	38.87	2.70
ITTSBURGH WB CITY	2.02	-1.03	2.10	- .52	3.76	.73	6.26	3.34	2.82	- .39	5.26	1.45	3.49	- .56	3.30	.07	1.65	- .93	3.60	1.08	3.43	1.14	3.35	.49	41.04	4.87
LEASANT MOUNT 1 W	3.00	- .75	1.63	-1.46	4.02	- .08	5.27	1.45	4.44	.17	4.80	.35	2.09	-2.91	1.48	-2.83	0.69	-3.45	3.36	- .78	4.63	.73	5.14	1.95	40.55	- 7.61
ORT ALLEGANY	2.72	-	2.08	-	5.34	-	5.96	-	4.21	-	5.98	-	4.20	-	2.69	-	0.90	-	2.51	-	3.69	-	3.18	-	43.46	-
ORT ALLEGANY 3 SW	-	-	2.34	-	5.69	-	5.82	-	4.34	-	4.72	-	4.25	-	2.57	-	0.95	-	2.75	-	-	-	3.52	-	-	-
ORT CLINTON	2.82	- .70	1.74	-1.58	3.80	- .07	4.61	.47	7.96	3.82	4.54	.08	3.76	-1.14	5.71	.54	3.29	- .76	2.56	-1.41	5.87	3.06	5.52	1.91	52.18	4.22
ORTLAND	3.93	-	2.51	-	3.50	-	3.96	-	6.32	-	4.22	-	2.17	-	5.48	-	0.19	-	2.04	-	5.17	-	6.00	-	45.49	-
OTTSTOWN	4.88	1.59	2.93	- .25	4.24	.63	3.66	.40	10.67	6.73	4.86	1.03	4.75	- .16	5.16	1.31	2.23	-1.02	1.44	-1.62	4.76	1.70	4.95	1.68	54.53	12.02
OTTSVILLE	3.16	- .55	2.03	-1.32	3.55	- .39	5.60	1.97	6.96	2.65	4.31	.11	2.76	-2.25	3.20	-1.78	1.07	-2.92	2.86	-1.15	6.02	2.61	5.13	1.47	46.65	- 1.55
OTTSVILLE BRIDGE	2.97	-	1.76	-	3.61	-	5.26	-	6.82	-	3.88	-	2.75	-	3.62	-	0.61	-	-	-	-	-	5.15	-	-	-
UNXSUTAWNEY 1	1.98	-1.17	3.47	1.13	3.22	- .14	6.88	3.52	3.46	- .80	6.94	2.68	3.58	- .50	3.53	- .83	0.73	-2.26	2.95	- .15	4.34	1.55	4.51	1.33	45.59	4.36
UNXSUTAWNEY 2	-	-	-	-	-	-	-	-	3.21	-	6.62	-	3.09	-	3.18	-	0.97	-	2.76	-	3.63	-	4.55	-	-	-
UTNEYVILLE 2 SE	2.26	-	2.85	-	3.39	-	9.84	-	4.03	-	5.35	-	4.83	-	5.22	-	0.85	-	2.69	-	3.51	-	4.11	-	48.93	-
AKERTOWN	4.25	.79	2.53	- .83	3.55	- .10	3.96	- .51	9.66	5.83	6.49	2.55	2.71	-2.23	3.87	- .64	1.89	-1.76	1.45	-1.97	3.95	.70	5.69	2.32	50.00	5.17
AYMOND	2.59	-	2.47	-	-	-	4.89	-	-	-	-	-	-	-	-	-	1.93	-	3.05	-	4.34	-	3.64	-	-	-
EADING WB CITY	4.13	.56	2.07	-1.35	3.94	.42	3.56	.29	8.50	4.83	3.95	.40	2.51	-1.75	5.15	.94	3.02	- .19	1.49	-1.63	4.27	1.54	5.90	2.34	48.49	6.40
ENOVO	2.87	.25	1.88	- .42	2.75	- .37	6.37	3.07	4.06	.23	4.61	.47	6.89	2.83	3.24	- .28	0.59	-2.33	2.93	- .12	4.30	1.66	4.56	1.99	45.05	6.98
ENOVO 6 S STATE CAMP	-	-	-	-	-	-	-	-	4.11	-	3.63	-	-	-	-	-	1.18	-	3.03	-	5.36	-	5.06	-	-	-
ETREAT FARMS	2.45	-	1.44	-	2.77	-	5.76	-	4.49	-	4.08	-	4.84	-	2.12	-	0.54	-	2.77	-	5.44	-	2.39	-	39.09	-
ew	-	-	-	-	-	-	-	-	4.16	-	5.81	-	3.79	-	2.73	-	1.75	-	2.97	-	3.82	-	3.13	-	-	-
ICES LANDING LOCK 6	3.16	-	2.08	-	2.87	-	6.26	-	4.96	-	4.50	-	4.96	-	3.68	-	2.33	-	2.58	-	3.11	-	3.06	-	43.55	-
IDGWAY	2.34	- .49	2.46	.15	3.56	.42	7.22	4.11	4.32	.37	4.63	.42	4.60	.35	3.16	- .04	1.34	-1.95	2.90	- .18	3.82	.89	3.54	.81	43.89	4.86
INGTOWN 1 SW	-	-	-	-	-	-	6.40	-	6.90	-	2.20	-	3.80	-	3.70	-	1.20	-	-	-	7.50	-	-	-	-	-
OCHESTER 1 N	-	-	-	-	-	-	-	-	3.10	-	5.16	-	4.82	-	6.00	-	2.22	-	2.67	-	2.66	-	2.90	-	-	-
USH	3.11	-	1.53	-	3.37	-	5.17	-	4.45	-	4.30	-	4.25	-	2.46	-	1.32	-	3.17	-	4.29	-	4.08	-	41.50	-
AFE HARBOR	-	-	-	-	-	-	-	-	9.11	-	4.09	-	3.26	-	4.52	-	-	-	-	-	-	-	-	-	-	-
AGAMORE 1 SE	2.40	-	2.75	-	2.90	-	7.64	-	3.47	-	-	-	-	-	3.66	-	1.38	-	2.95	-	3.45	-	3.32	-	-	-
ALTSBURG	2.73	- .73	2.24	- .66	3.56	.20	7.26	3.86	4.07	.35	7.62	3.30	4.81	.77	3.75	- .31	1.38	-2.13	3.88	.82	3.30	.87	4.00	.83	48.60	7.17
AXTON	3.02	-	1.60	-	2.57	-	5.87	-	5.80	-	6.08	-	0.88	-	4.03	-	1.33	-	3.33	-	-	-	3.40	-	-	-
CANDIA	-	-	-	-	-	-	-	-	3.67	-	6.33	-	3.92	-	2.67	-	1.03	-	3.30	-	4.10	-	2.87	-	-	-
CHENLEY LOCK 5	2.18	-1.44	2.58	- .45	2.76	- .99	7.87	4.42	3.07	- .82	5.17	.87	5.75	1.72	4.35	.67	1.07	-2.01	2.74	- .14	3.42	.53	3.94	.67	44.90	3.03
CRANTON WB CITY	2.57	- .46	1.10	-1.94	3.54	.34	4.60	1.83	4.10	.83	7.68	4.01	7.07	3.04	2.14	-1.55	0.90	-2.27	1.92	-1.11	4.59	1.82	4.72	1.70	44.93	6.24
ELINSGROVE AIRPORT	2.77	- .24	1.27	-1.46	3.16	- .53	5.58	2.03	4.98	.94	3.63	- .29	2.85	-1.19	2.24	-1.70	1.37	-2.06	3.98	.41	5.68	2.84	-	-	-	-
ELLERSVILLE 2 NW	-	-	-	-	-	-	-	-	6.33	-	3.90	-	0.50	-	2.29	-	1.53	-	-	-	2.80	-	5.03	-	-	-
EWARD	3.09	-	2.94	-	3.55	-	7.43	-	3.77	-	8.05	-	6.64	-	2.01	-	1.42	-	3.39	-	5.41	-	4.54	-	52.24	-
HADE GAP	1.89	-	0.82	-	2.94	-	3.78	-	5.74	-	5.43	-	0.91	-	3.89	-	1.01	-	2.96	-	4.97	-	3.57	-	37.91	-
HAMOKIN	2.95	.10	1.62	-1.02	4.09	.74	5.63	1.85	7.28	3.18	2.32	-2.20	-	-	4.46	.48	1.38	-2.16	4.46	.89	6.12	3.19	5.01	2.10	-	-
HARPSVILLE	2.09	-	2.02	-	3.36	-	4.30	-	4.18	-	4.61	-	6.99	-	2.39	-	1.58	-	2.45	-	3.86	-	2.84	-	40.77	-
HEFFIELD 6 W C GROVE	2.38	-	2.90	-	6.96	-	5.25	-	4.78	-	5.01	-	4.24	-	2.52	-	1.22	-	3.22	-	3.69	-	3.07	-	45.24	-
IPPENSBURG	2.98	- .04	1.50	- .70	3.22	- .14	3.84	.27	4.23	.08	3.13	- .41	2.49	-1.24	2.71	-1.46	0.98	-2.38	4.50	1.06	4.68	1.58	4.56	1.56	38.82	- 1.82
METHPORT HGWY SHED	3.09	-	2.45	-	-	-	-	-	3.75	-	4.73	-	3.58	-	2.14	-	1.54	-	2.60	-	3.51	-	3.31	-	-	-
OMERSET WATER WORKS	3.29	- .95	2.21	-1.40	4.03	- .23	6.36	1.87	5.05	.21	5.89	.87	5.05	.43	2.09	-2.40	3.06	- .42	3.02	- .06	4.51	1.28	4.31	.60	48.87	- .20
OMERSET 2 E SUBSTA	2.99	-	1.69	-	3.06	-	7.93	-	5.02	-	5.74	-	4.15	-	1.85	-	3.28	-	2.34	-	-	-	-	-	-	-
OUTH CANAAN 1 E	-	-	-	-	-	-	-	-	-	-	-	-	3.56	-	2.85	-	-	-	1.61	-	4.10	-	4.56	-	-	-
OUTH MOUNTAIN	3.79	-	1.38	-	4.24	-	5.52	-	6.61	-	6.56	-	2.23	-	4.37	-	1.44	-	5.99	-	4.89	-	5.09	-	52.11	-
PRING GROVE	4.90	-	1.77	-	3.40	-	3.53	-	7.55	-	5.70	-	3.13	-	3.71	-	1.25	-	3.84	-	4.08	-	4.65	-	47.51	-
PRINGS 1 SW	3.69	.03	3.07	- .08	4.25	.55	6.42	2.42	5.56	1.36	6.52	1.27	7.60	3.16	4.02	- .59	3.22	- .20	2.94	- .58	4.81	1.76	5.54	2.30	57.64	11.40
PRUCE CREEK	2.86	-	1.85	-	3.08	-	7.10	-	4.63	-	5.37	-	2.49	-	3.17	-	2.24	-	3.05	-	4.17	-	4.97	-	44.98	-
TATE COLLEGE	2.82	- .09	1.94	- .63	3.81	.45	6.59	3.15	4.54	.49	3.33	- .76	3.03	- .82	3.25	- .22	1.26	-1.76	2.62	- .30	5.28	2.78	5.07	2.42	43.54	4.71
TRAUSSTOWN	3.38	-	2.27	-	3.56	-	4.67	-	7.22	-	5.14	-	2.57	-	4.71	-	1.87	-	3.14	-	4.79	-	5.44	-	48.76	-
TRONGSTOWN	2.18	-	2.82	-	4.29	-	8.07	-	3.14	-	-	-	4.16	-	3.05	-	1.45	-	4.08	-	3.65	-	4.19	-	-	-
TROUDSBURG 2 E SUBSTA	-	-	2.27	- .48	3.36	- .42	4.81	1.11	-	-	4.89	.12	1.87	-3.25	5.72	.86	0.28	-3.34	1.86	-1.85	6.42	2.68	6.28	2.97	-	-
TROUDSBURG	-	-	-	-	-	-	-	-	6.07	-	4.68	-	2.05	-	-	-	0.85	-	-	-	5.91	-	5.93	-	-	-
TUMP CREEK	1.88	-	2.75	-	2.74	-	5.86	-	2.92	-	-	-	-	-	3.29	-	0.44	-	2.60	-	2.08	-	4.82	-	-	-
UNBURY	3.58	.68	1.47	- .90	3.69	.43	5.70	2.03	4 93	.64	3.39	- .53	3.74	- .27	2.77	- .98	1.34	-2.04	3.90	.46	5.63	2.55	5.67	2.77	45.81	4.84
UNBURY 2 N AIRPORT	2.99	-	1.45	-	4.11	-	4.73	-	5.01	-	3.90	-	4.07	-	2.67	-	1.12	-	3.90	-	5.55	-	5.27	-	44.77	-
USQUEHANNA	2.93	.79	2.11	.04	4.90	1.57	5.50	2.57	4.31	.65	3.90	- .18	-	-	1.53	-2.15	1.58	-1.53	2.50	- .75	3.77	.57	4.46	2.03	-	-
UTERSVILLE	1.72	-	1.54	-	2.09	-	6.78	-	3.42	-	5.05	-	4.62	-	3.06	-	1.71	-	2.60	-	2.63	-	3.21	-	38.43	-
AMAQUA	3.38	-	2.04	-	3.80	-	5.15	-	7.18	-	3.09	-	3.95	-	3.61	-	0.87	-	2.42	-	5.70	-	6.45	-	47.64	-
AMAQUA 4 N ST CR DAM	2.85	-	2.03	-	3.75	-	6.38	-	7.29	-	3.74	-	4.27	-	2.84	-	0.93	-	2.79	-	6.95	-	6.12	-	49.94	-
AMARACK 2 S FIRE TWR	3.23	-	1.82	-	3.83	-	6.13	-	5.00	-	5.44	-	6.46	-	3.00	-	0.64	-	2.86	-	4.61	-	4.22	-	47.24	-
IONESTA 2 SE DAM	1.99	- .44	2.70	.34	4.07	.55	7.17	3.35	4.22	- .60	5.92	1.81	5.16	1.36	3.28	.28	1.41	-1.93	3.20	- .36	3.58	.55	2.79	- .22	45.49	4.69
ITUSVILLE 2 S	2.90	-	2.73	-	6.91	-	5.37	-	3.59	-	5.47	-	3.70	-	2.63	-	2.44	-	4.01	-	4.08	-	2.80	-	46.63	-
ITUSVILLE	-	-	-	-	-	-	-	-	2.72	-	4.23	-	3.45	-	2.35	-	2.61	-	3.82	-	3.55	-	-	-	-	-
OWANDA	2.64	.66	1.10	- .84	3.21	.54	5.18	2.26	5.88	2.50	4.33	.62	5.31	1.60	2.31	-1.03	1.28	-1.98	2.97	- .05	3.90	1.65	2.85	.64	40.96	6.57
OWER CITY 5 SW	2.99	-	1.71	-	3.96	-	6.31	-	6.53	-	3.91	-	2.76	-	4.31	-	2.06	-	5.31	-	6.91	-	-	-	-	-
UNKHANNOCK 1 S APT	2.47	-	-	-	3.21	-	4.60	-	3.45	-	5.45	-	3.87	-	1.65	-	1.65	-	2.93	-	5.06	-	3.34	-	-	-
UNNELTON	-	-	-	-	-	-	-	-	3.47	-	7.03	-	3.59	-	3.63	-	1.19	-	-	-	3.07	-	-	-	-	-
YRONE 4 NE BLD EAGLE	2.50	-	2.32	-	3.72	-	7.36	-	4.30	-	4.97	-	4.67	-	3.77	-	1.58	-	3.16	-	3.92	-	4.96	-	47.23	-
NION CITY 1 W	1.69	-	2.40	-	6.32	-	3.70	-	3.95	-	4.48	-	3.33	-	4.52	-	1.90	-	4.58	-	2.92	-	2.40	-	42.19	-
NIONTOWN	3.88	.35	2.38	- .54	3.42	- .58	5.93	2.17	4.47	.36	6.75	2.00	2.79	-2.02	4.99	.47	2.30	- .92	3.32	.04	4.30	1.24	3.58	.27	48.11	2.84
ANDERGRIFT	2.65	- .04	2.15	- .32	2.91	- .32	7.87	4.77	3.52	- .06	5.30	.83	5.01	.92	3.38	- .63	0.71	-2.45	3.17	.05	3.35	.81	3.44	.66	43.46	4.22
ANDERGRIFT 2 W	-	-	-	-	-	-	-	-	3.48	-	5.38	-	4.77	-	3.46	-	0.81	-	3.10	-	3.33	-	3.43	-	-	-
IRGINVILLE	3.89	-	3.07	-	3.83	-	3.41	-	9.25	-	4.99	-	2.76	-	6.50	-	1.33	-	2.13	-	-	-	4.76	-	-	-
ARREN	2.45	- .38	1.09	-1.49	4.30	1.03	5.82	2.29	4.22	.02	5.73	1.29	4.18	- .24	2.73	-1.00	0.89	-2.87	2.73	- .79	3.19	- .28	1.79	-1.36	39.12	- 3.78
ASHINGTON	2.46	-	2.17	-	4.60	-	4.89	-	4.40	-	5.92	-	2.42	-	3.12	-	1.94	-	3.01	-	2.92	-	3.36	-	41.21	-
ATROUS 9 S LEE F TWR	3.04	-	2.53	-	3.95	-	6.95	-	5.03	-	4.28	-	3.17	-	4.34	-	1.45	-	3.37	-	4.50	-	4.41	-	47.02	-
ATSONTOWN	-	-	-	-	-	-	-	-	5.23	-	2.58	-	6.47	-	2.31	-	1.67	-	4.62	-	6.03	-	5.45	-	-	-
AYNESBURG 2 W	2.68	- .46	2.03	- .20	2.20	-1.85	6.18	2.77	4.37	.22	3.98	- .30	5.14	.78	4.40	.47	3.83	.43	2.18	- .55	3.05	.63	3.22	.45	43.26	2.39
AYNESBURG 1 E	-	-	-	-	-	-	-	-	-	-	-	-	4.53	-	3.69	-	3.46	-	-	-	2.66	-	3.36	-	-	-

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
WEBSTER MILLS 3 SW	-	-	-	-	-	-	-	-	-	-	5.69	-	0.60	-	1.66	-	1.94	-	3.69	-	3.82	-	4.12	-	-	-
WELLSBORO	2.56	.19	1.55	- .61	3.13	.14	5.29	2.02	4.15	.36	3.69	- .10	3.52	- .12	3.22	- .31	1.31	-1.77	2.97	- .01	4.18	1.58	3.04	.65	38.61	2.02
WELLSBORO 2 E	-	-	-	-	-	-	-	-	3.70	-	3.15	-	3.01	-	3.27	-	1.24	-	2.68	-	3.93	-	3.07	-	-	-
WELLSVILLE	3.18	-	1.36	-	4.07	-	4.48	-	5.22	-	6.77	-	3.30	-	3.63	-	1.26	-	3.95	-	5.32	-	3.99	-	46.53	-
WERNERSVILLE	3.98	-	2.18	-	3.80	-	4.03	-	7.79	-	3.66	-	1.82	-	5.41	-	2.67	-	2.45	-	4.95	-	5.16	-	47.90	-
WEST CHESTER	4.09	.31	2.41	-1.27	3.43	- .52	2.99	- .77	8.91	4.66	7.19	2.94	3.46	-1.31	4.11	- .62	4.95	1.09	1.31	-2.31	4.58	1.04	5.51	1.72	52.94	4.96
WEST GROVE 1 SE	5.25	1.91	2.62	.25	3.98	.20	4.09	.73	9.04	5.14	4.28	.20	2.75	-2.31	-	-	2.43	- .99	3.00	- .19	5.07	1.92	5.40	2.46	-	-
WEST NEWTON	2.66	- .70	2.31	- .47	3.00	- .55	6.52	3.30	5.24	1.61	7.37	3.26	6.52	2.54	-	-	-	-	-	-	-	-	-	-	-	-
WHITESBURG	2.43	-	2.52	-	3.32	-	7.97	-	4.22	-	-	-	-	-	4.18	-	1.23	-	3.52	-	3.75	-	4.10	-	-	-
WILKES BARRE	2.86	.32	1.43	-1.24	3.16	.06	5.77	2.94	5.60	2.08	5.30	1.24	4.91	.53	2.09	-1.77	0.32	-3.09	2.60	- .54	4.43	1.81	5.12	2.36	43.59	4.70
WILLIAMSPORT 4 SE	3.30	-	2.18	-	2.86	-	6.11	-	4.30	-	3.31	-	4.01	-	3.03	-	-	-	4.64	-	6.65	-	3.96	-	-	-
WILLIAMSPORT 4 E WB AP	2.82	.00	2.09	- .38	3.24	- .10	5.69	2.22	3.91	.33	3.52	- .19	4.27	.52	2.32	-1.65	1.23	-2.05	4.40	1.00	6.49	3.74	5.08	2.22	45.06	5.56
WILLIAMSPORT	3.30	.48	2.25	- .22	3.13	- .21	7.34	3.87	3.88	.30	3.47	- .24	4.52	.77	2.35	-1.62	1.00	-2.28	5.01	1.61	7.09	4.34	5.38	2.52	48.72	9.32
WILLIAMSTOWN	3.00	.30	1.55	- .37	3.33	.08	6.35	2.79	6.44	1.78	3.52	- .95	2.92	-2.07	2.65	-1.57	2.06	-1.65	4.91	1.06	6.76	2.90	3.90	1.05	47.39	3.35
WIND GAP 3 SW	-	-	2.20	-	-	-	3.83	-	6.66	-	3.43	-	3.22	-	5.78	-	1.15	-	0.98	-	5.26	-	-	-	-	-
YORK 3 SW PUMP STA	4.76	1.76	2.24	- .48	3.70	.40	4.71	1.46	7.66	4.20	5.58	1.83	2.66	-1.62	4.36	.05	1.31	-2.03	4.15	.93	5.31	2.70	5.04	2.16	51.48	11.36
YORK 2 S FILT PLANT	-	-	-	-	-	-	-	-	8.06	-	5.24	-	2.90	-	4.41	-	1.05	-	3.39	-	5.35	-	4.58	-	-	-
YORK INDIAN ROCK DAM	3.80	-	1.73	-	3.76	-	3.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YORK HAVEN	3.61	.96	1.80	- .52	3.71	.58	4.27	.75	6.84	3.31	4.43	.43	2.53	-1.52	3.93	- .08	0.76	-2.69	3.64	.16	4.83	2.18	5.21	2.59	45.56	6.15
YOUNGSVILLE	2.28	-	2.78	-	7.49	-	4.59	-	-	-	-	-	-	-	-	-	1.64	-	3.21	-	3.08	-	2.68	-	-	-
ZIONSVILLE 1 SW	4.10	.04	2.45	-1.15	4.01	- .50	4.55	.70	10.33	6.09	6.60	2.05	3.67	-1.42	3.72	- .95	1.82	-2.13	1.50	-1.95	4.99	.86	4.96	1.58	52.70	3.22

See reference notes following Station Index.

TEMPERATURE EXTREMES AND FREEZE DATA

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			Number of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ALBION	-	-	-	-	4-18 (24°)	4-22 (28°)	5-25 (30°)	11- 7 (28°)	11- 7 (28°)	11-25 (23°)	221	199	166
ALLENTOWN-BETH EAST AP	99	8-26	- 9	1-31	3-29 (22°)	4-18 (25°)	4-18 (25°)	10-16 (32°)	10-19 (25°)	12- 2 (21°)	248	184	181
ALLENTOWN GAS CO	100	8-27	- 2	1-19+	4-29 (24°)	4-29 (24°)	4-18 (30°)	10-19 (28°)	10-19 (28°)	12- 2 (24°)	217	173	184
ALTOONA HORSESHOE CURVE	96	8-28	- 8	1-19+	4- 4 (24°)	4-18 (27°)	4-18 (27°)	10-19 (24°)	10-19 (24°)	10-19 (24°)	198	184	184
BRENDTSVILLE	100	8-29	- 5	1-28	4- 4 (20°)	4-18 (26°)	4-23 (32°)	10-16 (32°)	10-19 (27°)	12- 2 (23°)	242	184	176
AVOCA WILKES BARRE AP	98	8-26	-13	1-19+	3-29 (20°)	4-18 (27°)	4-18 (27°)	10-18 (30°)	10-19 (26°)	12- 2 (23°)	248	184	183
BAKERSTOWN 4 WNW	98	8-28	-	-	-	-	-	10-15 (32°)	10-19 (23°)	10-19 (23°)	-	-	-
BEAVERTOWN	104	8-27	-	-	-	-	-	10- 4 (30°)	10-19 (26°)	11-26 (24°)	-	-	-
BELLEFONTE ROCKVIEW FM	98	8-28	-19	1-31	-	-	-	10- 4 (28°)	10- 4 (28°)	12- 2 (18°)	-	-	-
BERWICK	99	8-26+	-17	1-26	3-29 (20°)	4-18 (27°)	4-22 (32°)	10- 4 (31°)	10-19 (27°)	12- 2 (20°)	248	184	165
BETHLEHEM LEHIGH UNIV	100	8-26+	-	-	3-29 (24°)	3-29 (24°)	4-18 (31°)	10-18 (32°)	10-19 (28°)	12-19 (21°)	265	204	183
BLAIRSVILLE 6 ENE	94	8-27	- 4	1-15+	4-10 (23°)	4-17 (26°)	5- 8 (32°)	10-18 (29°)	10-19 (28°)	12- 2 (24°)	236	185	163
BRADFORD 4 W RES 1	93	8-27	-28	1-31	4-18 (20°)	5- 9 (27°)	6- 6 (31°)	9-22 (30°)	10- 4 (25°)	10-21 (24°)	186	148	108
BROOKVILLE AIRPORT	95	8-28	-20	1-31+	4-10 (22°)	4-22 (28°)	6- 6 (32°)	9-26 (32°)	10-18 (26°)	10-19 (24°)	192	179	112
BURGETTSTOWN 3 W	-	-	-	-	-	-	-	9-26 (32°)	10-19 (21°)	10-19 (21°)	-	-	-
BURNT CABINS 2 NE	101	8-27	-12	1-31	4-18 (20°)	4-23 (28°)	6- 6 (32°)	9-23 (31°)	10- 4 (28°)	10-18 (24°)	183	164	109
BUTLER	101	8-27	-15	1-19+	4-10 (24°)	4-18 (27°)	4-22 (29°)	10-16 (31°)	10-19 (25°)	11-16 (24°)	220	184	177
CANTON 1 NW	97	8-29	-12	1-15	4-19 (23°)	4-19 (23°)	5-10 (31°)	10- 4 (29°)	10-19 (26°)	10-22 (23°)	186	183	147
CARLISLE	102	8-28	-10	1-31	3-29 (21°)	4-18 (25°)	4-23 (32°)	10- 4 (32°)	10-16 (28°)	11-26 (23°)	242	181	164
CHAMBERSBURG	98	8-26+	- 8	1-26	3-29 (19°)	4-18 (27°)	4-23 (32°)	10-19 (25°)	10-19 (25°)	12- 1 (24°)	246	184	179
CLARION 3 SW	97	8-26+	-25	1-31	4-18 (24°)	4-22 (27°)	5-26 (32°)	10- 4 (27°)	10- 4 (27°)	10-19 (24°)	184	165	131
CLAYSVILLE	98	8-27	-15	1-28	4-10 (21°)	4-10 (21°)	5-20 (32°)	10-15 (31°)	10-18 (27°)	10-19 (23°)	192	191	148
COALPORT	-	-	-	-	4-18 (21°)	4-23 (28°)	6- 7 (30°)	9-23 (32°)	11- 8 (26°)	11-16 (22°)	212	199	108
COATESVILLE 1 SW	97	8-27+	- 2	2- 7	3-29 (21°)	4-23 (27°)	5- 9 (32°)	10-16 (31°)	10-19 (24°)	10-19 (24°)	204	179	160
COLUMBIA	102	8-28	- 2	1-29	3-29 (21°)	4-18 (27°)	4-18 (27°)	10-19 (29°)	11-26 (27°)	12- 2 (22°)	248	222	184
CONFLUENCE 1 SW	98	8-28	-15	1-19	-	-	-	10-16 (31°)	10-19 (24°)	10-19 (24°)	-	-	-
CORRY	96	8-27	-24	1-31	4-10 (21°)	5-20 (28°)	5-25 (32°)	9-22 (32°)	10- 4 (28°)	10-21 (24°)	194	133	120
DUDERSPORT	96	8-27	-27	1-31	4-18 (21°)	4-22 (25°)	6- 6 (30°)	9-22 (32°)	10- 4 (23°)	10- 4 (23°)	169	165	108
ERWENSVILLE 6 NW APT	92	8-27	-11	1-31	4-10 (19°)	4-18 (25°)	5-22 (32°)	10-18 (22°)	10-18 (22°)	10-18 (22°)	191	183	149
ERRY	97	8-27+	-10	1-19+	4- 4 (22°)	4-10 (26°)	4-22 (32°)	10-19 (27°)	10-19 (27°)	12- 2 (20°)	242	192	180
ONEGAL	98	8-27	-17	1-19	4-10 (18°)	5-20 (27°)	5-20 (27°)	9-26 (29°)	10-18 (21°)	10-18 (21°)	191	151	129
ONORA	100	8-27+	- 3	1-28	3-13 (16°)	4- 4 (28°)	4-10 (30°)	10-18 (32°)	12- 9 (26°)	12-10 (24°)	272	249	191
AGLES MERE	91	8-27	- 1	1-24+	4-11 (19°)	4-19 (27°)	4-29 (30°)	10- 4 (30°)	10-19 (25°)	12- 2 (22°)	235	183	158
AST WATERFORD 3 E	95	8-28	- 5	1-31	4- 4 (24°)	4-10 (26°)	4-28 (31°)	10-18 (32°)	10-19 (28°)	12- 9 (21°)	249	192	173
BENSBURG	95	8-26	- 8	1-19	4-10 (22°)	4-17 (26°)	5-22 (32°)	10- 4 (31°)	10-19 (23°)	12- 2 (19°)	236	185	135
LIPORIUM	98	8-27	-26	1-31	4-18 (20°)	5-20 (27°)	6- 6 (32°)	10- 4 (24°)	10- 4 (24°)	10- 4 (24°)	169	133	120
PHRATA	100	8-28	- 3	1-31	3-29 (22°)	3-29 (22°)	4-18 (29°)	10-19 (27°)	10-19 (27°)	12- 2 (24°)	248	204	184
RIE WB CITY	92	6-23+	- 2	1-31	3-28 (23°)	4-10 (29°)	5- 8 (30°)	12- 2 (28°)	12- 2 (28°)	12-24 (24°)	271	236	208
VERETT	98	8-27+	-12	1-31	4-18 (23°)	4-18 (23°)	4-23 (31°)	10-15 (32°)	10-18 (25°)	10-19 (22°)	184	183	175
ARRELL SHARON	93	6-23+	-11	1-31	3-28 (24°)	4-10 (27°)	4-18 (31°)	10-19 (31°)	10-21 (22°)	10-21 (22°)	207	194	184
ORD CITY 4 S	97	8-28	-21	1-29+	4-10 (24°)	4-22 (29°)	5-20 (32°)	10-16 (29°)	10-19 (23°)	10-19 (23°)	192	180	149
RANKLIN	96	8-29	-18	1-31+	4-10 (24°)	4-18 (28°)	4-22 (32°)	10- 4 (32°)	10-19 (28°)	12- 2 (18°)	236	184	165
REDERICKSVILLE 1 SE	96	8-26	- 9	1-15	3-29 (15°)	4-18 (28°)	4-18 (28°)	10-19 (24°)	10-19 (24°)	10-19 (24°)	204	184	184
REELAND	94	8-26+	- 7	1-24	4-10 (23°)	4-18 (26°)	4-28 (31°)	10- 4 (32°)	10-19 (27°)	12- 8 (20°)	242	184	159
EORGE SCHOOL	98	8-27	- 7	12-27	3-29 (20°)	4-10 (26°)	5- 9 (30°)	10-16 (30°)	10-19 (23°)	10-19 (23°)	204	192	160
ETTYSBURG	100	8-28	- 7	1-26	3-29 (24°)	3-29 (24°)	4-18 (29°)	10-19 (29°)	11-26 (27°)	12- 1 (24°)	247	242	184
ORDON	97	8-26+	-17	1-29+	4-18 (22°)	4-23 (28°)	5- 2 (30°)	9-22 (32°)	10-16 (27°)	10-19 (21°)	184	176	143
REENSBURG 2 S FILT STA	98	8-26+	-22	1-26+	4-10 (21°)	4-10 (21°)	4-30 (32°)	9-26 (32°)	10-21 (23°)	10-21 (23°)	194	194	149
REENVILLE	96	8-26+	-21	1-31	-	-	5-26 (31°)	9-25 (32°)	10- 4 (28°)	11-25 (22°)	-	-	122
ANOVER	99	8-29	0	1-31	3-29 (24°)	3-29 (24°)	3-30 (32°)	10-19 (27°)	10-19 (27°)	12- 2 (24°)	248	204	203
ARRISBURG 3 S WB AP	100	8-28	- 4	1-29	3-14 (23°)	4-18 (28°)	4-18 (28°)	10-19 (30°)	12- 1 (26°)	12- 2 (24°)	263	227	184
AWLEY	100	8-26	-24	2- 1	4-18 (20°)	5- 2 (28°)	5- 2 (28°)	10- 4 (26°)	10- 4 (26°)	10-19 (22°)	184	155	155
AWLEY 1 S WALLEN DAM	94	8-28	-	-	5- 2 (24°)	5- 3 (26°)	5- 6 (32°)	9-22 (27°)	9-22 (27°)	10- 4 (21°)	155	142	139
EWITT 2 S	99	8-27+	-10	1-19	4-18 (21°)	4-18 (21°)	4-30 (32°)	10-16 (29°)	10-19 (26°)	10-27 (21°)	192	184	169
OLTWOOD	99	8-28	- 2	2- 9	3-14 (23°)	3-29 (28°)	3-29 (28°)	12- 1 (31°)	12- 2 (28°)	12-24 (23°)	285	248	247
UNTINGDON	100	8-27+	-	-	4- 4 (23°)	4- 4 (23°)	5-10 (32°)	9-26 (32°)	10- 4 (28°)	10-19 (24°)	198	183	139
NDIANA 2 SE	95	8-26+	-22	1-29	4-11 (22°)	4-22 (28°)	5-26 (32°)	10- 4 (31°)	10-19 (23°)	10-19 (23°)	191	180	131
NDIANA	98	8-28	- 7	2- 9			5- 6 (30°)	10-19 (26°)	10-19 (26°)	12- 9 (18°)			166
RWIN	99	8-27	-12	2- 9	4- 4 (22°)	4-18 (28°)	4-22 (32°)	10-19 (26°)	10-19 (26°)	-	-	184	180
AMESTOWN 2 NW	95	8-27+	-	-	-	-	5-24 (32°)	9-25 (32°)	10-19 (26°)	11-24 (24°)	-	-	124
OHNSTOWN 1	101	8-27	- 8	1-19	3-29 (20°)	4- 4 (25°)	4-18 (30°)	10-16 (32°)	10-19 (28°)	12- 2 (22°)	248	198	181
ANE 1 NNE	92	8-26+	-31	1-31	4-22 (23°)	6- 6 (28°)	6-17 (32°)	9- 1 (30°)	10- 3 (21°)	10- 3 (21°)	164	119	76
ANCASTER 2 NE PUMP STA	93	6-29	- 8	1-29	4-18 (24°)	4-18 (24°)	4-30 (22°)	10- 4 (31°)	10-19 (25°)	11-30 (24°)	226	184	157
ANCASTER 3 NE EXP FARM	-	-	-	-	-	-	-	10-19 (27°)	10-19 (27°)	12- 2 (23°)	-	-	-
AWRENCEVILLE	100	8-26	-26	1-19	4-18 (23°)	5- 2 (28°)	5-20 (32°)	10- 4 (27°)	10- 4 (27°)	10-22 (21°)	187	155	137
EBANON	100	8-28	- 6	1-26+	3-29 (23°)	3-29 (23°)	4-18 (29°)	10-19 (28°)	10-19 (28°)	12- 2 (23°)	248	204	184
EWISTOWN	103	8-27	-14	2- 1	3-30 (24°)	4- 4 (27°)	4-18 (29°)	10-19 (27°)	10-19 (27°)	12- 2 (21°)	248	198	184
OCK HAVEN 1	-	-	-	-	3-29 (14°)	3-29 (14°)	4-28 (32°)	10- 4 (30°)	10-19 (28°)	12- 2 (20°)	248	204	159
ARCUS HOOK	106	8-27	6	1-31	3-13 (22°)	3-29 (28°)	3-29 (28°)	12- 2 (32°)	12-11 (25°)	12-25 (22°)	287	257	248
ARTINSBURG BLAIR CO AP	97	8-28	-10	1-31	4- 4 (24°)	4-18 (28°)	4-18 (28°)	10-18 (28°)	10-18 (28°)	11-30 (23°)	240	183	183
AUCH CHUNK 1 SW	-	-	-	-	-	-	5- 9 (31°)	10- 4 (31°)	10-16 (27°)	10-22 (21°)	-		148
EADVILLE 1 S	97	8-27	-23	1-31	4-10 (19°)	4-22 (28°)	5-20 (29°)	10- 4 (29°)	10-19 (26°)	11-14 (24°)	218	179	137
ERCER 5 NE WB AIRPORT	-	-	-	-	4-10 (20°)	4-18 (27°)	5-24 (32°)	-	-	-	-	-	-
ERCER HGWY SHED	-	-	-	-	-	-	-	10-15 (32°)	10-19 (26°)	11-26 (24°)			
IDDLETOWN OLMSTED FIELD	100	8-28	- 8	1-26+	3-29 (23°)	3-29 (23°)	4-18 (29°)	10-18 (31°)	11-18 (28°)	12- 2 (23°)	248	234	183
IDLAND DAM NO 7 LOWER	95	8-27	- 6	2- 9	3-28 (24°)	4-10 (28°)	4-18 (32°)	10-18 (32°)	11-25 (28°)	12- 9 (19°)	256	229	183
ONTROSE 3 E HGWY SHED	95	8-27	-15	1-24	4-18 (22°)	4-18 (22°)	5- 2 (32°)	10- 4 (27°)	10- 4 (27°)	11-30 (22°)	226	161	155
EFFS MILLS 4 NE	-	-	-	-	-	-	5-20 (31°)	9-26 (29°)	11- 8 (27°)	11-11 (24°)	-	-	129
EWBURG 3 W	94	8-26+	-14	1-31	4-23 (24°)	4-29 (26°)	5-22 (32°)	9-26 (30°)	10-15 (28°)	10-18 (22°)	178	169	127
EW CASTLE 1 N PUMP STA	97	8-26	-16	1-31	4-10 (23°)	4-18 (27°)	5-25 (32°)	10- 4 (31°)	10-19 (28°)	12- 1 (22°)	235	184	132
EWELL	100	8-28	- 5	1-19+	-	-	-	10-19 (27°)	10-19 (27°)	12- 2 (24°)	-	-	-
EWPORT	102	8-29	-	-	-	-	-	9-23 (32°)	10-16 (26°)	10-19 (23°)	-	-	-
ALMERTON	98	8-26	-10	1-31	3-29 (19°)	4-18 (25°)	5- 9 (32°)	10-16 (30°)	10-19 (26°)	12- 2 (21°)	248	184	160
ARK PLACE 1 NW WB AP	92	8-27	- 8	1-24	4-10 (20°)	4-18 (26°)	4-28 (30°)	10- 4 (32°)	10-18 (28°)	10-19 (24°)	192	183	159
HILADELPHIA FRANKL INST	-	-	-	-	-	-	-	11-30 (32°)	12-11 (28°)	12-26 (12°)	-	-	-
HILADELPHIA WB AIRPORT	100	8-26	3	1-31	3-14 (24°)	3-29 (26°)	4-10 (32°)	10-19 (31°)	12-11 (26°)	12-20 (20°)	281	257	174
HILADELPHIA PT BREEZE	101	8-27	7	1-31	-	-	-	11-30 (32°)	12-11 (26°)	12-21 (24°)	-	-	-
HILADELPHIA SHAWMONT	99	8-28	2	1-31	3-13 (17°)	3-29 (25°)	4-18 (30°)	10-22 (32°)	12- 2 (25°)	12-11 (24°)	273	248	187
HILADELPHIA WB CITY	101	8-26	6	1-31	3-13 (22°)	3-13 (22°)	3-29 (29°)	12-10 (32°)	12-19 (27°)	12-25 (13°)	287	281	256
HILIPSBURG 7 E AIRPORT	92	8-26+	-27	1-19	4-10 (21°)	4-22 (27°)	4-29 (32°)	9- 1 (29°)	9-22 (25°)	10-18 (24°)	191	153	124
HOENIXVILLE 1 E P STA	100	8-26+	-10	1-31+	4-18 (24°)	4-18 (24°)	5- 9 (31°)	10- 4 (32°)	10-19 (24°)	10-19 (24°)	184	184	148
ITTSBURGH 7 SE WB AP	99	8-27	- 2	1-31	3-29 (23°)	4- 4 (28°)	4-17 (32°)	10-19 (30°)	12- 2 (24°)	12- 2 (24°)	248	242	185
ITTSBURGH WB CITY	100	8-27	0	1-31	3-13 (18°)	3-29 (28°)	4- 4 (30°)	12- 1 (32°)	12- 2 (27°)	12-11 (23°)	272	248	241
ORT CLINTON	99	8-27	-10	1-29	3-29 (18°)	4-18 (25°)	5- 9 (30°)	10- 4 (31°)	10-19 (24°)	10-19 (24°)	204	184	148
UTNEYVILLE 2 SE	100	6-27	-20	2- 9	4-22 (23°)	4-22 (23°)	5-26 (32°)	9-22 (29°)	9-23 (27°)	10-19 (18°)	180	154	119

See reference notes following Station Index.

TEMPERATURE EXTREMES AND FREEZE DATA

Table 3—Continued.

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
QUAKERTOWN	97	8-27	-11	1-31	3-29 (21°)	4-23 (28°)	5- 9 (30°)	10- 4 (31°)	10-16 (27°)	10-19 (21°)	265	176	163
READING WB CITY	101	8-27	3	1-31	3-14 (22°)	3-29 (27°)	4-18 (32°)	10-19 (31°)	12- 1 (28°)	12-20 (23°)	281	248	184
RETREAT FARMS	95	8-26+	-16	1-31	-	-	5- 2 (32°)	10- 4 (30°)	10-19 (25°)	10-22 (24°)	-	-	155
RIDGWAY	98	8-27+	-26	1-31	4-18 (23°)	5- 9 (28°)	5-20 (31°)	10- 4 (25°)	10- 4 (25°)	10-19 (22°)	184	148	133
SCRANTON WB CITY	98	8-26	- 9	1-19	3-29 (21°)	4-18 (28°)	4-18 (28°)	10-18 (30°)	10-19 (28°)	12-18 (22°)	264	184	183
SELINSGROVE AIRPORT	-	-	-	-	3-29 (19°)	4-18 (25°)	5- 9 (31°)	10- 4 (29°)	10-18 (27°)	10-19 (24°)	204	183	148
SHIPPENSBURG	102	8-26	- 5	1-31	3-29 (21°)	4-18 (27°)	4-18 (27°)	10-19 (28°)	11-16 (28°)	12- 1 (24°)	247	212	184
SOMERSET WATER WORKS	97	8-26	-24	1-26	4-18 (24°)	4 18 (24°)	6- 6 (32°)	9-26 (28°)	9-26 (28°)	10-19 (19°)	184	161	72
SPRINGS 1 SW	92	8-27	-15	1-19	4- 4 (19°)	4-18 (25°)	4-18 (25°)	9-26 (30°)	10-18 (27°)	10-19 (17°)	198	183	184
STATE COLLEGE	98	8-26	- 9	1 31	3-29 (20°)	4-18 (28°)	4-18 (28°)	10-18 (32°)	10-19 (27°)	12- 2 (22°)	248	184	183
STROUDSBURG SUBSTATION	-	-	-	-	-	-	-	10-19 (27°)	10-19 (27°)	11-19 (24°)	-	-	-
SUNBURY 2 N AIRPORT	98	8-28	-12	1-31	3-29 (21°)	4-18 (26°)	4-18 (26°)	10- 4 (32°)	10-19 (28°)	12- 2 (22°)	248	184	171
TAMARACK 2 S FIRE TOWER	-	-	-10	1-31	4-11 (24°)	4-18 (25°)	5- 9 (32°)	10- 4 (30°)	10-19 (24°)	10-19 (24°)	191	184	148
TIONESTA 2 SE DAM	94	8-28+	-28	1-31	4-10 (20°)	4-18 (25°)	5- 9 (32°)	10- 4 (29°)	10-19 (25°)	11-18 (23°)	222	184	148
TITUSVILLE 2 S	94	8-26+	-22	1-31	4-22 (24°)	4-22 (24°)	5-26 (30°)	9-22 (32°)	10- 4 (27°)	10-21 (22°)	182	165	119
TOWANDA	99	8-26	-23	2- 1	4-18 (21°)	5- 2 (28°)	5- 2 (28°)	10- 4 (27°)	10-19 (25°)	10-22 (20°)	187	170	155
TUNKHANNOCK 1 S	101	8-27	-22	1-19+	4-18 (20°)	5- 2 (28°)	5- 9 (30°)	10- 4 (26°)	10- 4 (26°)	10-22 (19°)	187	155	148
UNIONTOWN	99	8-27	-10	1-19	4- 4 (24°)	4-10 (26°)	4-10 (26°)	10-18 (31°)	10-19 (28°)	12- 2 (22°)	242	192	191
WARREN	99	8-28	-23	1-31	4-10 (19°)	4-18 (27°)	5- 9 (30°)	10- 4 (28°)	10- 4 (28°)	11-18 (24°)	222	169	148
WAYNESBURG 2 W	100	8-27	-24	1-28	4-18 (24°)	4-18 (24°)	5-20 (31°)	9-26 (32°)	10-16 (28°)	10-19 (20°)	184	182	129
WELLSBORO	98	8-27+	-25	1-31+	4-18 (20°)	5- 9 (27°)	5-20 (29°)	10- 4 (21°)	10- 4 (21°)	10- 4 (21°)	169	148	137
WELLSVILLE	97	8-26+	-17	1-26	4-18 (23°)	4-18 (23°)	5- 9 (32°)	10- 4 (31°)	10-19 (23°)	10-19 (23°)	184	184	148
WEST CHESTER	99	8-27+	2	1-31	3-29 (23°)	3-29 (23°)	4-29 (32°)	10-19 (28°)	10-19 (28°)	12-11 (24°)	257	204	173
WILLIAMSPORT 4 E WB AP	98	8-26+	-14	1-31	4-18 (24°)	4-18 (24°)	5- 9 (30°)	10- 4 (28°)	10- 4 (28°)	12- 2 (20°)	228	169	148
WILLIAMSTOWN	99	8-26+	-12	1-29	4-18 (24°)	4-18 (24°)	5- 9 (31°)	10- 4 (32°)	10-19 (22°)	10-19 (22°)	184	184	148
YORK 3 SW PUMPING STA	101	8-28	-12	1-26	3-29 (20°)	4-18 (25°)	4-30 (32°)	10- 4 (32°)	10-19 (26°)	12- 2 (21°)	248	184	157

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Departure fr. normal
CONFLUENCE DAM 1 SW	EVAP					5.640	4.757	4.936	4.272	3.351					
	WIND					1724	877	1063	904	980					
FORD CITY DAM 4 S	EVAP					4.556	-	5.654	4.771	3.793					
	WIND					1384	985	764	672	739					
HAWLEY 1 S WALLEN DAM	EVAP					3.534	4.756	5.807	4.650	4.093					
	WIND					2575	1451	1647	1173	1350					
JAMESTOWN 2 NW DAM	EVAP					4.300	5.448	5.815	4.856	2.926					
	WIND					1432	955	844	717	975					
NEFF MILLS 4 NE	EVAP					-	5.068	5.034	4.489	3.314					
	WIND					-	376	289	300	281					

See reference notes following Station Index

STATION INDEX

Station	Former station name	Index No	County	Drainage	Latitude ° '	Longitude ° '	Elevation above mean sea level (feet)	Years of record: Temperature	Precipitation	Evaporation	Opened or closed during year: Month opened	Month closed	Refer to tables
ACMETONIA LOCK 3 LOWER		0022	ALLEGHENY	ALLEGHENY	40 32	79 49	748		44				2
ALBION		0062	ERIE	LAKE ERIE	41 53	80 22	900	4	4				1 2 3
ALLENS MILLS		0099	JEFFERSON	ALLEGHENY	41 12	78 54	1590		10				2
ALLENTOWN-BETH EASTON WB AP	ALLENTOWN AIRPORT	0106	LEHIGH	LEHIGH	40 39	75 26	381	10	8				1 2 3
ALLENTOWN GAS CO		0111	LEHIGH	LEHIGH	40 36	75 28	254	27	37				1 2 3
ALTOONA HORSESHOE CURVE		0134	BLAIR	JUNIATA	40 30	78 29	1500	53	64				1 2 3
ARENDTSVILLE		0229	ADAMS	SUSQUEHANNA	39 55	77 18	710	26	26				1 2 3
AUSTINBURG 2 MI W		0313	TIOGA	CHEMUNG	42 00	77 32	1590		12				2
AVOCA WILKES-BARRE SCRA APT	WILKES BARRE	0319	LUZERNE	SUSQUEHANNA	41 21	75 43	950	1	1				1 2 3
BAKERSTOWN 4 MI WNW		0355	ALLEGHENY	ALLEGHENY	40 40	80 00	1200	1	1		JUNE		1 2 3
BARNES		0409	WARREN	ALLEGHENY	41 40	79 01	1310		8				2
BEAR GAP		0457	NORTHUMBERLAND	SUSQUEHANNA	40 50	76 30	843		3				2
BEAVER FALLS		0475	BEAVER	BEAVER	40 46	80 19	760		40				2
BEAVERTOWN		0482	SNYDER	SUSQUEHANNA	40 45	77 10	640	2	2				1 2 3
BELLEFONTE ROCKVIEW FARM		0530	CENTER	WEST BRANCH	40 52	77 47	1060	20	32				1 2 3
BERWICK		0611	COLUMBIA	SUSQUEHANNA	41 03	76 14	570	3	3				1 2 3
BETHLEHEM RIVER STATION		0629	NORTHAMPTON	LEHIGH	40 37	75 22	250						2
BETHLEHEM LEHIGH UNIVERSITY		0634	NORTHAMPTON	LEHIGH	40 36	75 23	450	47	64				1 2 3
BLAIN		0725	PERRY	SUSQUEHANNA	40 20	77 31	720		11				2
BLAIRSVILLE 6 MI ENE		0736	INDIANA	ALLEGHENY	40 27	79 09	2048	3	12				1 2 3
BLAKESLEE CORNERS		0743	MONROE	LEHIGH	41 06	75 36	1670		11				2
BLOSERVILLE 1 MI N		0763	CUMBERLAND	SUSQUEHANNA	40 16	77 22	650		36				2
BOSWELL 6 MI WNW		0820	SOMERSET	ALLEGHENY	40 11	79 08	2528		11				2
BRADDOCK LOCK 2		0861	ALLEGHENY	MONONGAHELA	40 24	79 52	725		14				2
BRADFORD CITY HALL		0867	MC KEAN	ALLEGHENY	41 58	78 39	1500		1				2
BRADFORD 4 MI W RESERVOIR 1		0868	MC KEAN	ALLEGHENY	41 57	78 44	1680	22	22				1 2 3
BREEZEWOOD		0905	BEDFORD	JUNIATA	40 00	78 14	1352	7	7				2
BROOKVILLE AIRPORT		1002	JEFFERSON	ALLEGHENY	41 09	79 06	1407	36	57				1 2 3
BRUCETON		1033	ALLEGHENY	OHIO	40 19	79 59	1000		13				2
BUCKSTOWN		1073	SOMERSET	CONEMAUGH	40 04	78 51	2480		11				2
BUFFALO MILLS		1087	BEDFORD	JUNIATA	39 57	78 39	1318		24				2
BURGETTSTOWN 3 MI W		1105	WASHINGTON	OHIO	40 23	80 26	980	1	1		JUNE		1 2 3
BURNT CABINS 2 MI NE		1115	HUNTINGDON	JUNIATA	40 05	77 52	990	7	7				1 2 3
BUTLER		1130	BUTLER	BEAVER	40 52	79 54	1077	25	35				1 2 3
BUTLER SUBSTATION		1135	BUTLER	BEAVER	40 51	79 53	1140		11				2
CAMP HILL		1198	CUMBERLAND	SUSQUEHANNA	40 15	76 56	461		3				2
CANTON 1 MI NW		1215	BRADFORD	SUSQUEHANNA	41 40	76 52	1450	5	9				1 2 3
CARLISLE		1234	CUMBERLAND	SUSQUEHANNA	40 12	77 11	473	80	60				1 2 3
CARROLLTOWN		1255	CAMBRIA	WEST BRANCH	40 36	78 42	2165		5				2
CARTER CAMP		1262	POTTER	WEST BRANCH	41 38	77 43	2100		10				2
CEDAR RUN		1301	LYCOMING	WEST BRANCH	41 31	77 28	800		30				2
CHADDS FORD		1342	DELAWARE	DELAWARE	39 52	75 35	180		3				2
CHAMBERSBURG		1354	FRANKLIN	POTOMAC	39 56	77 39	640	48	53				1 2 3
CHARLEROI		1372	WASHINGTON	MONONGAHELA	40 08	79 55	1040		11				2
CHARLEROI LOCK 4 LOWER		1377	WASHINGTON	MONONGAHELA	40 09	79 54	740		63				2
CLARION 3 MI SW		1485	CLARION	ALLEGHENY	41 12	79 26	1114	6	41				1 2 3
CLAUSSVILLE		1505	LEHIGH	LEHIGH	40 37	75 39	670		3				2
CLAYSVILLE		1512	WASHINGTON	OHIO	40 07	80 25	1170	45	45				1 2 3
CLEARFIELD		1519	CLEARFIELD	WEST BRANCH	41 01	78 27	1140		40				2
COALDALE 2 MI NW GREENWOOD RES	GREENWOOD DAM	1572	SCHUYLKILL	SCHUYLKILL	40 50	75 56	1026		26				2
COALPORT		1581	CLEARFIELD	WEST BRANCH	40 45	78 32	1480		4				1 2 3
COATESVILLE 1 MI SW		1589	CHESTER	DELAWARE	39 58	75 50	342	61	61				1 2 3
COATESVILLE		1594	CHESTER	DELAWARE	39 59	75 48	431		2				2
COLUMBIA		1675	LANCASTER	SUSQUEHANNA	40 02	76 30	300	6	6				1 2 3
CONFLUENCE 1 MI SW	YOUGHIOGHENY DAM	1705	SOMERSET	YOUGHIOGHENY	39 48	79 22	1490	3	3				1 2 3
CONFLUENCE 1 MI NW		1710	SOMERSET	YOUGHIOGHENY	39 50	79 22	1331		74				2
CONNELLSVILLE		1723	FAYETTE	MONONGAHELA	40 01	79 36	990		10				2
CONNELLSVILLE 4 MI N		1728	FAYETTE	MONONGAHELA	40 01	79 35	1020		11				2
CONSHOHOCKEN		1737	MONTGOMERY	DELAWARE	40 04	75 19	70		25				2
CORAOPOLIS DAM 2		1773	ALLEGHENY	OHIO	40 31	80 10	720		40				2
CORRY		1790	ERIE	ALLEGHENY	41 55	79 38	1427	33	33				1 2 3
COUDERSPORT		1804	POTTER	ALLEGHENY	41 46	78 01	1653	18	23				1 2 3
COUDERSPORT 8 MI E	COUDERSPORT 7.5 E	1809	POTTER	ALLEGHENY	41 46	77 53	2425		2				2
COVINGTON		1832	TIOGA	SUSQUEHANNA	41 45	77 05	1193		10				2
CREEKSIDE		1881	INDIANA	ALLEGHENY	40 41	79 12	1035		8				2
CRESSON 1 MI E SUMMIT	SUMMIT	1894	CAMBRIA	WEST BRANCH	40 28	78 34	2300		11				2
CURWENSVILLE 6 MI NW AIRPORT		1966	CLEARFIELD	WEST BRANCH	41 03	78 35	2215	6	6				1 2 3
CUSTER CITY 2 MI W SONGBIRD		1978	MC KEAN	ALLEGHENY	41 55	78 41	2120		1				2
DANVILLE		2013	MONTOUR	SUSQUEHANNA	40 58	76 37	460		[illegible]				2
DAUPHIN 3 MI N		2029	DAUPHIN	SUSQUEHANNA	40 25	76 56	1300		8				2
DERRY		2108	WESTMORELAND	CONEMAUGH	40 20	79 18	1150	51	51				1 2 3
DINGMANS FERRY		2160	PIKE	DELAWARE	41 13	74 52	360		11				2
DONEGAL		2183	WESTMORELAND	CONEMAUGH	40 06	79 23	1746	5	5				1 2 3
DONORA		2190	WASHINGTON	MONONGAHELA	40 11	79 51	761	22	22				1 2 3
DOYLESTOWN		2221	BUCKS	DELAWARE	40 18	75 08	370		58				2
DRIFTWOOD		2245	CAMERON	WEST BRANCH	41 20	78 08	820		11				2
DU BOIS 7 MI E		2265	CLEARFIELD	WEST BRANCH	41 06	78 38	1670		11				2
DUNLO		2298	CAMBRIA	CONEMAUGH	40 17	78 44	2440		11				2
DUSHORE		2323	SULLIVAN	WEST BRANCH	41 32	76 24	1500		11				2
EAGLES MERE		2343	SULLIVAN	SUSQUEHANNA	41 24	76 35	2020	6	12				1 2 3
EAST WATERFORD 3 MI E		2459	PERRY	JUNIATA	40 21	77 33	2125	5	12				1 2 3
EBENSBURG		2466	CAMBRIA	CONEMAUGH	40 29	78 44	2170	31	31				1 2 3
ELIZABETHTOWN		2560	LANCASTER	SUSQUEHANNA	40 08	76 36	460		3				2
EMPORIUM		2633	CAMERON	WEST BRANCH	41 30	78 13	1100	60	60				1 2 3
ENGLISH CENTER		2644	LYCOMING	WEST BRANCH	41 26	77 17	881		9				2
EPHRATA		2662	LANCASTER	SUSQUEHANNA	40 11	76 10	365	46	55				1 2 3
EQUINUNK		2669	WAYNE	DELAWARE	41 51	75 13	920		3				2
ERIE WB CITY		2677	ERIE	LAKE ERIE	42 07	80 05	655	74	74				1 2 3
ERIE AIRPORT		2682	ERIE	LAKE ERIE	42 05	80 12	732	4	4				2
EVERETT		2721	BEDFORD	JUNIATA	40 00	78 23	1020	28	28				1 2 3
FARRELL SHARON		2814	MERCER	BEAVER	41 14	80 30	855	36	37				1 2 3
FORD CITY 4 MI S	CROOKED CREEK DAM	2942	ARMSTRONG	ALLEGHENY	40 43	79 30	950	5	5	3			1 2 3
FRANKLIN		3028	VENANGO	ALLEGHENY	41 23	79 49	987	54	75				1 2 3

See reference notes following Station Index

STATION INDEX

Continued.

Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record: Temperature	Years of record: Precipitation	Years of record: Evaporation	Opened or closed during year: Month opened	Opened or closed during year: Month closed	Refer to tables
FREDERICKSVILLE 1 MI SE		3047	BERKS	SCHUYLKILL	40 27	75 41	800	6	11				1 2 3
FREELAND		3056	LUZERNE	SUSQUEHANNA	41 01	75 54	1970	54	34				1 2 3
GALETON		3130	POTTER	WEST BRANCH	41 44	77 39	1330		18				2
GEIGERTOWN		3189	BERKS	SCHUYLKILL	40 12	75 50	380		3				2
GEORGE SCHOOL		3200	BUCKS	DELAWARE	40 13	74 56	160	42	42				1 2 3
GETTYSBURG		3218	ADAMS	POTOMAC	39 50	77 14	500	72	74				1 2 3
GETTYSBURG 1 MI S		3223	ADAMS	POTOMAC	39 48	77 14	560		11				2
GIFFORD		3237	MC KEAN	ALLEGHENY	41 51	78 36	2220		1				2
GLENCOE		3298	SOMERSET	POTOMAC	39 49	78 51	1620		11				2
GLEN HAZEL		3310	ELK	ALLEGHENY	41 33	78 36	1540				AUG		2
GLEN ROCK		3330	YORK	SUSQUEHANNA	39 48	76 44	620		7				2
GLEN WILLARD DASHIELDS DAM		3343	ALLEGHENY	OHIO	40 33	80 14	1025		4				2
GOOD SPRINGS 1 MI NW		3372	SCHUYLKILL	SUSQUEHANNA	40 38	76 30	1500		11				2
GORDON		3379	SCHUYLKILL	SUSQUEHANNA	40 45	76 20	900	45	45				1 2 3
GOULDSBORO		3394	WAYNE	LEHIGH	41 15	75 27	1850	17	33				1 2 3
GRANTVILLE 2 MI SW		3422	DAUPHIN	SUSQUEHANNA	40 22	76 41	520		11				2
GRATERFORD		3435	MONTGOMERY	SCHUYLKILL	40 14	75 27	160		33				2
GREENSBORO LOCK NO 7 LOWER		3503	GREENE	MONONGAHELA	39 47	79 55	808		67				2
GREENSBURG 2 MI S FILTER STA		3510	WESTMORELAND	MONONGAHELA	40 16	79 33	977	41	41				1 2 3
GREENSBURG 2 MI E HGWY SHED		3515	WESTMORELAND	MONONGAHELA	40 18	79 30	1225		10				2
GREENSBURG 3 MI SE UNITY RES	UNITY RESERVOIR	3516	WESTMORELAND	MONONGAHELA	40 17	79 30	1245	35	40				2
GREENVILLE		3526	MERCER	BEAVER	41 25	80 23	930	50	50				1 2 3
HANOVER		3662	YORK	SUSQUEHANNA	39 48	76 59	600	45	45				1 2 3
HARRISBURG 3 MI S WB AIRPORT		3699	YORK	SUSQUEHANNA	40 13	76 51	335	60	60				1 2 3
HARRISBURG NORTH		3704	DAUPHIN	SUSQUEHANNA	40 16	76 53	317		31				2
HAWLEY		3758	WAYNE	DELAWARE	41 28	75 10	980	30	39				1 2 3
HAWLEY 1 MI S WALLEN DAM	WALLENPAUPACK	3859	WAYNE	DELAWARE	41 28	75 11	1180	13	17	13			1 2 3
HEWITT 2 MI S		3897	BEDFORD	POTOMAC	39 44	78 32	840	4	8				1 2 3
HOLLIDAYSBURG		4001	BLAIR	JUNIATA	40 26	78 24	1000		11				2
HOLLISTERVILLE		4008	WAYNE	DELAWARE	41 23	75 26	1360		21				2
HOLTWOOD		4019	LANCASTER	SUSQUEHANNA	39 50	76 20	200	29	34				1 2 3
HOME		4027	INDIANA	ALLEGHENY	40 45	79 06	1260		11				2
HONESDALE 4 MI NW		4043	WAYNE	DELAWARE	41 37	75 19	1445		3				2
HONESDALE 6 MI N TANNERS FLS	TANNERS FALLS	4044	WAYNE	DELAWARE	41 39	75 17	1060		7				2
HOOVERSVILLE		4058	SOMERSET	CONEMAUGH	40 09	78 55	1660		10				2
HOP BOTTOM 2 MI S		4066	SUSQUEHANNA	SUSQUEHANNA	41 43	75 43	900		4				2
HUNTINGDON		4159	HUNTINGDON	SUSQUEHANNA	40 29	78 01	620	61	61				1 2 3
HUNTSDALE		4166	CUMBERLAND	SUSQUEHANNA	40 06	77 19	620		8				2
HYNDMAN		4190	BEDFORD	POTOMAC	39 49	78 43	900		36				2
INDIANA 2 MI SE		4214	INDIANA	CONEMAUGH	40 36	79 07	1102	46	49				1 2 3
INDIANA		4219	INDIANA	CONEMAUGH	40 37	79 10	1300	10	10				1 2 3
IRWIN		4276	WESTMORELAND	MONONGAHELA	40 20	79 42	1100	46	52				1 2 3
JACKSON SUMMIT		4304	TIOGA	SUSQUEHANNA	41 57	77 01	1700		12				2
JAMESTOWN 2 MI NW	PYMATUNING DAM	4325	CRAWFORD	BEAVER	41 30	80 28	1050	7	9	7			1 2 3
JOHNSTOWN 1		4385	CAMBRIA	CONEMAUGH	40 20	78 55	1214	55	67				1 2 3
JOHNSTOWN 2		4390	CAMBRIA	CONEMAUGH	40 20	78 55	1275		10				2
JUNIATA HOUSE		4425	HUNTINGDON	JUNIATA	40 21	77 49	560		3				2
KANE 1 MI NNE		4432	MC KEAN	ALLEGHENY	41 41	78 48	1750	5	33				1 2 3
KARTHAUS		4450	CLEARFIELD	WEST BRANCH	41 07	78 07	860		[illegible]				2
KIRKWOOD 1 MI SW		4597	LANCASTER	SUSQUEHANNA	39 51	76 05	430		[illegible]				2
KREGAR 4 MI SE		4667	WESTMORELAND	YOUGHIOGHENY	40 06	79 14	2470		7				2
KRESGEVILLE 3 MI W	WILD CREEK RESERVOIR	4672	CARBON	LEHIGH	40 54	75 34	825		6				2
LAFAYETTE MC KEAN PARK		4706	MC KEAN	ALLEGHENY	41 48	78 40	2130		1				2
LAKEVILLE 1 MI N		4733	WAYNE	DELAWARE	41 27	75 17	1370		21				2
LANCASTER 2 NE PUMP STATION		4758	LANCASTER	SUSQUEHANNA	40 03	76 17	255	47	61				1 2 3
LANCASTER 2 NE FILTER PLANT		4763	LANCASTER	SUSQUEHANNA	40 03	76 17	270		11				2 4
LANCASTER 3 NE EXP FARM		4768	LANCASTER	SUSQUEHANNA	40 04	76 17	360	3	3				1 2 3
LANSFORD		4804	CARBON	SCHUYLKILL	40 50	75 53	1030		43				2
LANSFORD FOREMANS SHOP		4809	CARBON	SCHUYLKILL	40 50	75 53	1040		15				2
LATROBE		4832	WESTMORELAND	CONEMAUGH	40 19	79 23	1030		6				2
LAURELTON STATE VILLAGE		4853	UNION	SUSQUEHANNA	40 54	77 13	880		8				2
LAWRENCEVILLE		4873	TIOGA	SUSQUEHANNA	42 00	77 08	996	51	51				1 2 3
LEBANON		4891	LEBANON	SUSQUEHANNA	40 20	76 26	469	60	65				1 2 3
LEBANON 3 MI SW		4896	LEBANON	SUSQUEHANNA	40 19	76 28	490		11				2
LECONTES MILLS 5 MI NW	KNOBS FIRE TOWER	4904	CLEARFIELD	WEST BRANCH	41 09	78 20	2320		6				2
LEHIGHTON		4934	CARBON	LEHIGH	40 50	75 43	580		14				2
LE ROY		4972	BRADFORD	SUSQUEHANNA	41 40	76 43	1400		12				2
LEWIS RUN 3 MI S	BIG SHANTY	4984	MC KEAN	ALLEGHENY	41 50	78 39	1700		1				2
LEWISTOWN		4992	MIFFLIN	JUNIATA	40 35	77 35	480	10	10				1 2 3
LINESVILLE 6 MI NW PENN LINE	PENN LINE	5050	CRAWFORD	BEAVER	41 42	80 31	1015		31				2
LOCK HAVEN 1		5104	CLINTON	WEST BRANCH	41 08	77 26	560	57	57				1 2 3
LOCK HAVEN 2		5109	CLINTON	WEST BRANCH	41 08	77 27	630		11				2
LONG POND		5160	MONROE	LEHIGH	41 03	75 30	1860		2				2
LYCIPPUS 1 MI E		5259	WESTMORELAND	YOUGHIOGHENY	40 14	79 24	1380	53	57				1 2 3
MAPLE GLEN		5368	MONTGOMERY	DELAWARE	40 11	75 11	370		3				2
MAPLETON DEPOT		5381	HUNTINGDON	JUNIATA	40 24	77 56	580		10				2
MARCUS HOOK		5390	DELAWARE	DELAWARE	39 48	75 25	12	22	22				1 2 3
MARIENVILLE		5400	FOREST	ALLEGHENY	41 28	79 07	1780		[illegible]				2
MARION CENTER 2 MI SE		5408	INDIANA	CONEMAUGH	40 45	79 02	1610		6				2
MARSHBURG	CUSTER CITY	5435	MC KEAN	ALLEGHENY	41 51	78 46	2120		1				2
MARTINSBURG		5453	BLAIR	JUNIATA	40 18	78 20	1360		11				2
MARTINSBURG BLAIR CO AIRPORT	ALTOONA	5454	BLAIR	JUNIATA	40 19	78 19	1460	6	6				1 2 3
MATAMORAS		5470	PIKE	DELAWARE	41 22	74 42	455		44				2
MAUCH CHUNK 1 MI SW		5479	CARBON	LEHIGH	40 51	75 46	800	56	56				1 2 3
MAYBURG		5490	FOREST	ALLEGHENY	41 36	79 13	1150		3				2
MC CONNELLSBURG		5526	FULTON	POTOMAC	39 56	78 00	910		16				2
MC CONNELLSTOWN 4 MI NW	LOOP FIRE TOWER	5534	HUNTINGDON	JUNIATA	40 30	78 08	2340		[illegible]				2
MC CORMICK		5541	INDIANA	ALLEGHENY	40 50	79 07	1180					JUNE	2
MC KEESPORT		5573	ALLEGHENY	ALLEGHENY	40 21	79 52	800		20				2
MEADOW RUN PONDS		5601	LUZERNE	LEHIGH	41 13	75 40	2000		1				2

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MEADVILLE 1 MI S		5606	CRAWFORD	ALLEGHENY	41 37	80 10	1065	54	55				1 2 3
MEDIX RUN		5627	ELK	WEST BRANCH	41 17	78 23	1125		7				2
MERCER 5 MI NE WB AIRPORT		5649	MERCER	BEAVER	41 17	80 12	1296	9	9			SEPT	1 2 3
MERCER HIGHWAY SHED		5654	MERCER	BEAVER	41 14	80 15	1240		9				2
MERCERSBURG		5662	FRANKLIN	POTOMAC	39 50	77 54	605		6				2
MERWINSBURG		5676	MONROE	LEHIGH	40 57	75 27	840		1		JUNE		2
MEYERSDALE		5684	SOMERSET	YOUGHIOGHENY	39 49	79 02	1980		10				2
MIDDLETOWN OLMSTED FIELD		5703	DAUPHIN	SUSQUEHANNA	40 11	76 46	303	18	18				1 2 3
MIDLAND DAM NO 7 LOWER		5710	BEAVER	OHIO	40 38	80 28	780	11	12				1 2 3
MILAN		5731	BRADFORD	SUSQUEHANNA	41 55	76 32	820		11				2
MILANVILLE		5738	WAYNE	SUSQUEHANNA	41 40	75 04	750		3				2
MILLERSBURG 2 MI E		5775	DAUPHIN	SUSQUEHANNA	40 32	76 56	545		11				2
MILLVILLE		5816	COLUMBIA		41 08	76 32	820		11				2
MILROY		5825	MIFFLIN	JUNIATA	40 43	77 35	770		6				2
MONROE FURNACE	SHAVER CREEK # 2	5884	HUNTINGDON	JUNIATA	40 42	77 54	1200		7				2
MONROETON 2 MI S	KELLOGG MOUNTAIN TOWER	5889	BRADFORD	SUSQUEHANNA	41 42	76 28	2120		8				2
MONTROSE 3 MI E HGWY SHED		5915	SUSQUEHANNA	SUSQUEHANNA	41 50	75 49	1175	43	43				1 2 3
MOSGROVE LOCK 8 LOWER		5987	ARMSTRONG	ALLEGHENY	40 52	79 29	808		24				2
MOUNT POCONO 2 MI N WB APT		6055	MONROE	DELAWARE	41 08	75 22	1914	41	43			SEPT	1 2 3
MOUNT UNION 1 MI NW		6067	MIFFLIN	JUNIATA	40 24	77 52	800		11				2
MURRYSVILLE		6111	WESTMORELAND	MONONGAHELA	40 26	79 42	980		8				2
MYERSTOWN		6126	LEBANON	SCHUYLKILL	40 23	76 18	520		8				2
NATRONA LOCK NO 4 LOWER		6151	ALLEGHENY	ALLEGHENY	40 37	79 43	800		21				2
NEFFS MILLS 4 MI NE	CHARTER OAK SC # 1	6174	HUNTINGDON	JUNIATA	40 40	77 55	960	E	8				1 2 3
NESHAMINY FALLS		6194	BUCKS	DELAWARE	40 09	74 57	40	27	33				1 2 3
NEWBURG 3 MI W		6225	FRANKLIN	SUSQUEHANNA	40 09	77 37	745	7	7				1 2 3
NEW CASTLE 1 MI N PUMP STA		6233	LAWRENCE	BEAVER	41 01	80 22	900	65	62				1 2 3
NEWELL		6246	FAYETTE	MONONGAHELA	40 05	79 53	800	35	27				1 2 3
NEW PARK		6289	YORK	SUSQUEHANNA	39 44	76 31	780		24				2
NEWPORT		6297	PERRY	JUNIATA	40 29	77 08	400	1	18				1 2 3
NEW TRIPOLI		6326	LEHIGH	LEHIGH	40 41	75 46	580		10				2
NORRISTOWN		6370	MONTGOMERY	SCHUYLKILL	40 07	75 20	48		1		MAY		2
ORWELL 3 MI N		6621	BRADFORD	SUSQUEHANNA	41 55	76 16	1620		5				2
PALM		6681	MONTGOMERY	SCHUYLKILL	40 26	75 32	380		7				2
PALMERTON		6689	CARBON	LEHIGH	40 48	75 37	435	31	32				1 2 3
PARKERS LANDING		6719	ARMSTRONG	ALLEGHENY	41 06	79 41	870		64				2
PARKERS LANDING 1 MI E		6724	CLARION	ALLEGHENY	41 06	79 40	1100		10				2
PARK PLACE 1 MI NW WB AIRPORT		6734	SCHUYLKILL	SCHUYLKILL	40 51	76 06	1952	5	5				1 2 3
PAUPACK		6762	PIKE	DELAWARE	41 24	75 12	1523		32				2
PECKS POND		6786	PIKE	DELAWARE	41 17	75 05	1380		3				2
PHILADELPHIA DREXEL INST		6879	PHILADELPHIA	SCHUYLKILL	39 57	75 11	30				JUNE		1 2
PHILADELPHIA FRANKLIN INST		6884	PHILADELPHIA	DELAWARE	39 58	75 10	100	7	7				1 2 3
PHILADELPHIA WB AIRPORT		6889	PHILADELPHIA	DELAWARE	39 53	75 14	13	7	7				1 2 3
PHILADELPHIA POINT BREEZE		6899	PHILADELPHIA	DELAWARE	39 55	75 12	85	24	24				1 2 3
PHILADELPHIA SHAWMONT		6904	PHILADELPHIA	DELAWARE	40 02	75 15	70	32	53				1 2 3
PHILADELPHIA WB CITY		6909	PHILADELPHIA	DELAWARE	39 57	75 09	26	77	77				1 2 3
PHILIPSBURG 7 MI E AIRPORT		6916	CENTRE	JUNIATA	40 54	78 05	1918	6	6				1 2 3
PHOENIXVILLE 1 MI E PUMP STA		6927	CHESTER	SCHUYLKILL	40 07	75 30	100	37	39				1 2 3
PIKES CREEK		6939	LUZERNE	SUSQUEHANNA	41 18	76 06	1250		11				2
PINE GROVE 1 MI NE		6954	SCHUYLKILL	SUSQUEHANNA	40 34	76 22	515		24				2
PINE GROVE MILLS 1 MI S	SHAVER CREEK # 4	6962	HUNTINGDON	JUNIATA	40 43	77 54	2060						2
PITTSBURGH 7 MI SE WB APT		6992	ALLEGHENY	MONONGAHELA	40 21	79 56	1248	18	18				1 2 3
PITTSBURGH WB CITY		6997	ALLEGHENY	OHIO	40 26	80 00	749	78	78				1 2 3
PLEASANT MOUNT 1 MI W		7029	WAYNE	DELAWARE	41 44	75 27	1810		27				2
PORT ALLEGANY		7103	MC KEAN	ALLEGHENY	41 48	78 17	1500		6				2
PORT ALLEGANY 3 MI SW		7108	MC KEAN	ALLEGHENY	41 47	78 17	1580		6				2
PORT CLINTON		7116	SCHUYLKILL	SCHUYLKILL	40 35	76 02	430	10	10				1 2 3
PORTLAND		7127	NORTHAMPTON	DELAWARE	40 55	75 06	297		5				2
POTTSTOWN		7149	MONTGOMERY	SCHUYLKILL	40 14	75 39	135		57				2
POTTSVILLE		7156	SCHUYLKILL	SCHUYLKILL	40 41	76 12	820		66				2
POTTSVILLE BRIDGE		7161	SCHUYLKILL	SCHUYLKILL	40 41	76 11	640		5				2
PUNXSUTAWNEY 1		7217	JEFFERSON	ALLEGHENY	40 57	78 59	1220		28				2
PUNXSUTAWNEY 2		7222	JEFFERSON	ALLEGHENY	40 56	78 58	1360		8				2
PUTNEYSVILLE 2 MI SE DAM	MAHONING DAM	7229	ARMSTRONG	ALLEGHENY	40 55	79 17	1270	5	5				1 2 3
QUAKERTOWN		7239	BUCKS	DELAWARE	40 26	75 20	480	62	64				1 2 3
RAYMOND		7310	POTTER	ST LAWRENCE	41 52	77 52	2220		10				2
READING WB CITY		7318	BERKS	SCHUYLKILL	40 20	75 58	266	51	79				1 2 3
RENOVO		7409	CLINTON	WEST BRANCH	41 19	77 46	645		51				2
RENOVO 6 MI S STATE CAMP	STATE CAMP	7410	CLINTON	WEST BRANCH	41 14	77 46	2035		11				2
RETREAT FARMS	RETREAT	7417	LUZERNE	SUSQUEHANNA	41 11	76 06	560	16	16				1 2 3
REW		7425	MC KEAN	ALLEGHENY	41 54	78 32	2250		1				2
RICES LANDING LOCK NO 6		7443	GREENE	MONONGAHELA	39 57	80 00	775		14				2
RIDGWAY		7477	ELK	ALLEGHENY	41 26	78 44	1371	33	42				1 2 3
RINGTOWN 1 MI SW	GIRARDVILLE	7497	SCHUYLKILL	SUSQUEHANNA	40 51	76 15	1080		58				2
ROCHESTER 1 MI N		7540	BEAVER	BEAVER	40 43	80 18	935						2
RUSH	RUSH 6 MI S	7694	SUSQUEHANNA	SUSQUEHANNA	41 47	76 03	1000		4				2
SAFE HARBOR DAM		7732	LANCASTER	SUSQUEHANNA	39 56	76 23	180		10				2
SAGAMORE 1 MI SE		7739	INDIANA	ALLEGHENY	40 46	79 14	1320		8				2
SALTSBURG		7796	INDIANA	KISKIMINETAS	40 29	79 27	849		54				2
SAXTON		7846	BEDFORD	JUNIATA	40 13	78 14	800		8				2
SCANDIA		7855	WARREN	ALLEGHENY	41 55	79 02	2040		8				2
SCHENLEY LOCK 5 LOWER		7863	ARMSTRONG	ALLEGHENY	40 41	79 40	783		70				2
SCRANTON WB CITY		7902	LACKAWANNA	SUSQUEHANNA	41 24	75 42	746	48	48				1 2 3
SELINSGROVE AIRPORT		7931	SNYDER	SUSQUEHANNA	40 49	76 52	460	58	58			DEC	1 2 3
SELLERSVILLE 2 MI NW		7938	BUCKS	SCHUYLKILL	40 23	75 20	530		11				2
SEWARD		7956	WESTMORELAND	CONEMAUGH	40 25	79 01	1122		10				2
SHADE GAP		7965	HUNTINGDON	JUNIATA	40 11	77 52	940		10				2
SHAMOKIN		7978	NORTHUMBERLAND	SUSQUEHANNA	40 47	76 34	750		44				2
SHARPSVILLE		8000	MERCER	BEAVER	41 16	80 29	951		10				2
SHEFFIELD 6 MI W CHERRY GROVE	CHERRY GROVE	8026	WARREN	ALLEGHENY	41 42	79 09	1940		11				2
SHIPPENSBURG		8073	CUMBERLAND	SUSQUEHANNA	40 04	77 31	680	16	20				1 2 3
SMETHPORT HIGHWAY SHED		8190	MC KEAN	ALLEGHENY	41 48	78 27	1510		11				2
SOMERSET WATER WORKS		8249	SOMERSET	YOUGHIOGHENY	40 01	79 05	2100	79	65				1 2 3

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SOMERSET 2 MI E SUBSTATION		8254	SOMERSET	YOUGHIOGHENY	40 01	79 03	2280		13				2
SOUTH CANAAN 1 MI E		8275	WAYNE	DELAWARE	41 31	75 24	1380						2
SOUTH MOUNTAIN		8308	FRANKLIN	POTOMAC	39 51	77 30	1600		9				2
SPRING GROVE		8379	YORK	SUSQUEHANNA	39 52	76 52	470		8				2
SPRINGS 1 MI SW		8395	SOMERSET	YOUGHIOGHENY	39 44	79 10	2500	29	29				1 2 3
SPRUCE CREEK		8405	HUNTINGDON	JUNIATA	40 36	78 08	760		2				2
STATE COLLEGE		8449	CENTRE	WEST BRANCH	40 48	77 52	1175	61	64				1 2 3
STRAUSSTOWN		8570	BERKS	SCHUYLKILL	40 30	76 11	600		3				2
STRONGSTOWN		8589	INDIANA	CONEMAUGH	40 33	78 55	1880		8				2
STROUDSBURG 2 MI E SUBSTATION		8596	MONROE	DELAWARE	41 00	75 09	327	31	31				1 2 3
STROUDSBURG		8601	MONROE	DELAWARE	40 59	75 11	390		10				2
STUMP CREEK		8610	JEFFERSON	ALLEGHENY	41 01	78 50	1320		8				2
SUNBURY		8668	NORTHUMBERLAND	SUSQUEHANNA	40 51	76 48	440		26				2
SUNBURY 2 MI N AIRPORT		8673	NORTHUMBERLAND	SUSQUEHANNA	40 53	76 47	454	8	3				1 2 3
SUSQUEHANNA		8692	SUSQUEHANNA	SUSQUEHANNA	41 57	75 36	1000		14				2
SUTERSVILLE		8699	WESTMORELAND	YOUGHIOGHENY	40 14	79 48	770		8				2
TAMAQUA		8758	SCHUYLKILL	SCHUYLKILL	40 48	75 58	800		7				2
TAMAQUA 4 MI N STL CRK DAM	STILL CREEK DAM	8763	SCHUYLKILL	SCHUYLKILL	40 51	76 00	1140		16				2
TAMARACK 2 MI S FIRE TOWER		8770	CLINTON	WEST BRANCH	41 24	77 51	2200	6	8				1 2 3
TIONESTA 2 MI SE DAM		8873	FOREST	ALLEGHENY	41 29	79 26	1200	5	12				1 2 3
TITUSVILLE 2 MI S		8880	CRAWFORD	ALLEGHENY	41 36	79 40	1550	5	5				1 2 3
TITUSVILLE		8885	CRAWFORD	ALLEGHENY	41 38	79 40	1200		10				2
TOWANDA		8905	BRADFORD	SUSQUEHANNA	41 46	76 26	755	54	54				1 2 3
TOWER CITY 5 MI SW	CLARKS VALLEY	8910	DAUPHIN	SUSQUEHANNA	40 32	76 37	725		3				2
TUNKHANNOCK 1 MI S AIRPORT		8982	WYOMING	SUSQUEHANNA	41 32	75 57	639	3	7				1 2 3
TUNNELTON		8989	INDIANA	CONEMAUGH	40 27	79 23	990		8				2
TYRONE 4 MI NE BALD EAGLE	BALD EAGLE	9024	BLAIR	JUNIATA	40 43	78 11	1080		11				2
UNION CITY 1 MI W		9041	ERIE	ALLEGHENY	41 54	79 52	1280		11				2
UNIONTOWN		9050	FAYETTE	MONONGAHELA	39 54	79 44	1040	59	60				1 2 3
VANDERGRIFT		9128	WESTMORELAND	KISKIMINETAS	40 36	79 33	800		9				2
VANDERGRIFT 2 MI W		9133	WESTMORELAND	KISKIMINETAS	40 36	79 36	995		10				2
VIRGINVILLE		9196	BERKS	SCHUYLKILL	40 31	75 52	330		3				2
WARREN		9298	WARREN	ALLEGHENY	41 50	79 09	1190	52	60				1 2 3
WASHINGTON		9312	WASHINGTON	OHIO	40 11	80 14	1200		10				2
WATROUS 9 MI S LEE FIRE TWR	LEE TOWER	9340	TIOGA	WEST BRANCH	41 37	77 33	2425		5				2
WATSONTOWN		9345	NORTHUMBERLAND	WEST BRANCH	41 05	76 52	490		1				2
WAYNESBURG 2 MI W		9362	GREENE	MONONGAHELA	39 54	80 13	1080	19	21				1 2 3
WAYNESBURG 1 MI E		9367	GREENE	MONONGAHELA	39 54	80 10	940		10				2
WEBSTER MILLS 3 MI SW		9380	FULTON	POTOMAC	39 49	78 05	920		7				2
WELLSBORO		9407	TIOGA	WEST BRANCH	41 45	77 17	1319	69	78				1 2 3
WELLSBORO 2 MI E		9412	TIOGA	WEST BRANCH	41 45	77 15	1610		12				2
WELLSVILLE		9420	YORK	SUSQUEHANNA	40 03	76 57	500	2	2				1 2 3
WERNERSVILLE		9430	BERKS	SCHUYLKILL	40 20	76 05	400		11				2
WEST CHESTER		9464	CHESTER	DELAWARE	39 57	75 36	440	93	98				1 2 3
WEST GROVE 1 MI SE		9503	CHESTER	DELAWARE	39 48	75 49	452		19				2
WEST NEWTON		9555	WESTMORELAND	MONONGAHELA	40 13	79 46	771		5			JULY	2
WHITESBURG		9655	ARMSTRONG	ALLEGHENY	40 45	79 24	1530		8				2
WILKES-BARRE		9702	LUZERNE	SUSQUEHANNA	41 15	75 52	700		63				2
WILLIAMSPORT 4 MI SE		9723	LYCOMING	WEST BRANCH	41 13	76 57	1990		8				2
WILLIAMSPORT 4 MI E WB APT		9728	LYCOMING	WEST BRANCH	41 15	76 55	520	8	8				1 2 3
WILLIAMSPORT		9733	LYCOMING	WEST BRANCH	41 15	77 01	570	55	62				1 2 3
WILLIAMSTOWN		9741	DAUPHIN	SUSQUEHANNA	40 35	76 38	775	33	14				1 2 3
WIND GAP 3 MI SW		9781	NORTHAMPTON	DELAWARE	40 49	75 20	730		3				2
YORK 3 MI SW PUMPING STATION	YORK	9933	YORK	SUSQUEHANNA	39 55	76 45	390	50	61				1 2 3
YORK 2 MI S FILTER PLANT		9938	YORK	SUSQUEHANNA	39 56	76 44	640		11				2
YORK HAVEN		9950	YORK	SUSQUEHANNA	40 06	76 43	300		28				2
YOUNGSVILLE		9966	WARREN	ALLEGHENY	41 51	79 19	1205		8				2
ZIONSVILLE 1 MI SW		9994	LEHIGH	SCHUYLKILL	40 28	75 31	820		17				2

See reference notes following Station Index

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are Temperature in F, precipitation and evaporation in inches and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of the Climatological Data.

\- No record.
\+ Also later dates or months.
M 1 to 10 days' record missing; see monthly Climatological Data for detailed daily record.

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